

**Commercial  
FEEDING STUFFS**

**1961** Report on Inspection

H. J. FISHER  
Chief Chemist

Bulletin 651

July 1962



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# COMMERCIAL FEEDING STUFFS

## REPORT ON INSPECTION

1961

H. J. FISHER<sup>1</sup>

### THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 428, General Statutes, Revision of 1958) imposes upon the Station: (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law. As a result of a general reorganization of State departments by the General Assembly in 1959, the Food and Drug Commission was abolished and its duties transferred to a new Department of Consumer Protection.

Section 22-116 of the 1959 Revision of the General Statutes delegates the enforcement provisions of the feed law to the Commissioner of Consumer Protection.

The following regulations were issued by the Director of this Station and the Food and Drug Commissioner in February, 1949:

#### REGULATIONS

##### REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS

(Sec. 22-112)

It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration: (1) roughages such as hays, straws, corn stover and ensilage; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grain and sold by the manufacturer directly to the consumer; and (5) feed mixed according to a formula furnished by the consumer, for his own use.

Under clause (2), above, registration will not be required for mixtures in which the ingredients, excepting corn, are whole grains. Corn, if present, may be whole or cracked.

<sup>1</sup> Analyses are by Mr. Richard Merwin, Mr. Werner Mueller, Mr. Walter Oliver and Miss Helen Kocaba; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Janetha Shepard; and sampling by Mr. R. Richard Nichols. Compilations by Miss Evelyn Caputo and Mrs. Raymond Langlois.

Clause (4) refers to feed ground from materials furnished by the consumer.

Under clause (5) feed is regarded as "mixed to order" and must be so tagged together with the name of the customer for whom it is mixed, or otherwise identified to distinguish it from regular brands offered for general sale. Such feed must be sold only to the customer for whom it was mixed; if sold to others it becomes a regular brand and subject to registration and other provisions pertaining to feeds in general.

#### REGULATION 2. METHOD OF LABELLING (SEC. 22-113)

All concentrated commercial feeding stuffs, other than vitamin D carriers, must be labelled either by a statement printed on the bag or upon a properly attached tag; in the case of concentrated feeding stuff sold in bulk, a certificate which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The use of wire or any metal in affixing tags is prohibited by law.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark, under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition or formula.

#### REGULATION 3. CONCERNING VITAMIN D CARRIERS

Vitamin D carriers are required to be registered in the same manner and under the same conditions as obtain for feeds in general.

Information to be given on labels and in applications for registration is (1) name of product; (2) vitamin D potency in terms of A. O. A. C. chick units per gram; (3) name and address of manufacturer, distributor or other person responsible for the product; and (4) on the label, a statement of net weight or volume.

The A. O. A. C. chick unit is the Vitamin D activity produced by one U. S. Pharmacopoeia unit of vitamin D from the U. S. P. "Reference Cod Liver Oil", determined by the method of assay adopted by the Association of Official Agricultural Chemists.

#### REGULATION 4. CONCERNING COTTONSEED MEAL, ETC.

Cottonseed meal, linseed meal, soybean meal, and other vegetable feeds that are sold as fertilizer, are required to be registered under the provisions of the fertilizer law in addition to registration as feeds. If sold exclusively for one or the other of these purposes, the articles may be registered only under the law which applies.

For such of these articles as are used for fertilizer purposes chiefly or entirely as sources of nitrogen, only nitrogen (or protein) need be declared in the application for registration as fertilizer; and the tags or labels generally attached to such articles when intended for feeding purposes will be acceptable for them when sold as fertilizer.

REGULATION 5. DUTIES OF MANUFACTURERS, JOBBERS  
AND DEALERS WITH REFERENCE TO REGISTRATION.  
(Sec. 22-114)

All concentrated commercial feeding stuffs, including vitamin D carriers, must be registered with the Connecticut Agricultural Experiment Station annually on January 1, or before they are offered for sale. Registration blank forms are supplied by the Station.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registration, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

REGULATION 6. DEFINITIONS OF TERMS USED IN THE LAW  
AND OF OTHER TERMS

Person. The term "person" imports the singular or the plural as the case demands; and includes corporations, companies, societies and associations.

Importer. The term "importer" is defined in the act.

Brand. It is held that a distinct brand name, or a distinct analysis, constitutes a distinct brand.

Definitions for Feeding Stuff. The definitions and standards for feeding stuffs adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of this law; and the rules and regulations as adopted by that association are accepted as far as possible and when not inconsistent with the Connecticut Statutes.

REGULATION 7. METHODS OF ANALYSIS  
(Sec. 22-113)

The methods of analysis employed shall be those prescribed by the Association of Official Agricultural Chemists, wherever such methods have been adopted for the determinations desired.

REGULATION 8. CONCERNING MEDICATED FEEDS AND  
MINERAL MIXTURES

The law does not include medicated products used as "conditioners" for stock and poultry, and which consist essentially of

substances possessing, or claimed to possess, medicinal or condimental properties nor does it include products consisting of supplemental minerals.

#### REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

The same feed offered in different physical forms, e. g., mash and pellets, requires but one registration.

#### REGULATION 10. REVISIONS AND SUBSTITUTIONS OF REGISTRATIONS

A feed registration after being filed may be revised without payment of an extra registration fee.

A brand of feed duly registered and subsequently discontinued may be replaced by another brand for the unexpired period of registration without payment of an extra registration fee.

**REGISTRATIONS**

For the period January 1, 1961 to December 31, 1961, 193 firms registered 1,300 brands of feeding stuffs, and 22 firms registered 54 brands of vitamin carriers.

ACME-EVANS CO. INC., 902 W. Washington Ave., Indianapolis, Ind.

Acme Wheat Bran  
Acme Wheat Middlings with Ground Wheat Screenings  
Acme Yellow Hominy Feed

ALBERS MILLING CO., Division of Carnation Co., 5045 Wilshire Blvd., Los Angeles 36, California

Albers Calf Manna  
Albers Medicated Rapid-Ade  
Albers Rabbit Breeder Paks  
Albers Rabbit Family Ration  
Albers Sho-Glo  
Albers Spur  
Albers Suckle

ALLIED CHEMICAL CORP., Nitrogen Division, Hopewell, Va.

"Procadian" 281 Prilled Urea Feed Mix  
"Procadian" Urea Feed Mixture

ALLIED MILLS, INC., 110 No. Wacker Drive, Chicago 6, Ill.

Wayne 16% Dairy  
Wayne Egg-Medicated M-29  
Wayne Fitting Ration  
Wayne Fitting Ration "E"  
Wayne Horse Feed  
Wayne Medicated H-A-D M-27  
Wayne Rabbit Ration  
Wayne Scratch Feed  
Wayne 16% Test Cow  
Wayne Turkey Finisher  
Wayne Turkey Grower  
Wayne Turkey Grower - Medicated M-53  
Wayne Universal Egg - Medicated M-29  
Wayne Universal Scratch Feed

AMERICAN CRYSTAL SUGAR CO., Boston Bldg., Denver, Colo.

Dried Beet Pulp with Beet Molasses  
Plain Dried Beet Pulp

AMERICAN CYANAMID CO., P.O. Box 383, Princeton, N.J.

Arsene Premix 4%  
Aureomycin Chlortetracycline Crumbles



## AMERICAN CYANAMID CO., P. O. Box 383, Princeton, N. J. -Cont.

Cyrea Urea Feed Compound  
Cyzine 10% (2-acetylamine-5-nitrothiazole)  
Enheptin A Premix 15%  
Megasul 25% Nitrophenide  
Nitrophenide 20

AMERICAN FEED CO., W. 177th St. & Harlem River, New York,  
New York

AFCO Wafer Meal

AMERICAN MAIZE-PRODUCTS CO., 250 Park Ave., New York 17,  
New York

Amaizo Gluten Meal  
Cream of Corn Gluten Feed

## ANHEUSER-BUSCH, INC., 721 Pestalozzi St., St. Louis 18, Mo.

Brewers' Dried Grains

ARCHER-DANIELS-MIDLAND CO., 600 Roanoke Bldg., Minneapolis  
40, Minn.

Archer Quality 34% Protein Linseed Oil Meal  
Archer Quality 44% Protein Solvent Extracted Soybean Meal  
Archer Quality 50% Protein Dehulled Solvent Extracted Soybean  
Meal

ARCHER-DANIELS-MIDLAND CO., Alfalfa Div., P. O. Box 356,  
Kansas City 41, Mo.

Small's 17% Dehydrated Alfalfa Meal  
Small's 20% Dehydrated Alfalfa Meal

## ARMOUR &amp; COMPANY, 401 N. Wabash Ave., Chicago, Ill.

Armour Mink Food Mix  
Top-Pelt Mink Food Mix

## ATLANTIC PROCESSING CO., Amagansett, New York

Smith's Life Line Fish Meal

## B &amp; W CANNING CO., INC., Groveland, Florida

B'nW Brand Dried Citrus Pulp

## BARBER &amp; BENNETT, INC., Arch &amp; Church Sts., Albany 1, N. Y.

Dairy Sweet 16%  
Fort Orange All Mash Layer  
Fort Orange Calf Grower and Booster  
Fort Orange 12% Fitting and Freshening Ration  
Fort Orange Golden Test Ration  
Fort Orange Green Roughage  
Fort Orange Medicated Appetizer Mash  
Fort Orange Milk Replacer  
Fort Orange Special Test Ration

THE BEACON MILLING CO., Spencer Kellogg Div. of Textron, Inc.  
Cayuga, New York

(See also Vitamin Carriers)

Beacon Balancer Pellets  
 Beacon Breeder All Mash A Medicated  
 Beacon Broiler Finisher AP Medicated  
 Beacon Broiler Finisher NCA Medicated  
 Beacon Broiler Finisher UN3 Medicated  
 Beacon C-C Flushing Pellets  
 Beacon Calf Grow  
 Beacon "15" Coarse Test Cow Ration  
 Beacon Complete Rabbit Pellets  
 Beacon Complete Starter NC Medicated  
 Beacon Dairy Fitting  
 Beacon Duck Breeder  
 Beacon Duck Breeder Developer  
 Beacon Duck Grower Finisher  
 Beacon Duck Grower Finisher Mixed with Beacon 0.01%  
 Iodinated Casein Mix  
 Beacon Duck Starter  
 Beacon Egg Check A Medicated  
 Beacon "22" Egg Mash  
 Beacon Goat Ration  
 Beacon Grower All Mash  
 Beacon Grower All-Mash NC Medicated  
 Beacon "18" Growing Mash  
 Beacon Hi-Energy Test Pel-ets  
 Beacon Hi-Energy "18" Test Pel-ets  
 Beacon Horse Feed  
 Beacon Market Egg All-Mash A Medicated  
 Beacon Medicated Booster Pellets  
 Beacon Medicated Poultry Mix 1CT-FZ  
 Beacon Medicated Poultry Mix 2CT  
 Beacon Medicated "20" Turkey Grower AG-AN  
 Beacon Milk Check "16" Dairy Ration  
 Beacon Milk Check "18" Dairy Ration  
 Beacon Milk Check "20" Dairy Ration  
 Beacon Milk Check Fitting Ration  
 Beacon Milky Way "16" Pel-ets  
 Beacon "24" Mixer  
 Beacon "32" Mixer  
 Beacon Poultry Finisher with Dienestrol Diacetate and  
 Nicarbaxin  
 Beacon Poultry Finisher NC Medicated  
 Beacon Roaster Finisher NC Medicated  
 Beacon Roaster Finisher UN3 Medicated  
 Beacon Sodium Propionate Pel-ets  
 Beacon Starter-Broiler  
 Beacon Starter-Broiler AP Medicated  
 Beacon Starter-Broiler NCA Medicated  
 Beacon Starter-Broiler UN3 Medicated  
 Beacon Sweet "16" Dairy Ration  
 Beacon "16" Test Cow Ration  
 Beacon "18" Test Cow Ration

THE BEACON MILLING CO., Spencer Kellogg Div. of Textron, Inc.  
Cayuga, New York - Cont.

Beacon "22" Turkey and Game Bird Grower  
Beacon Turkey and Game Bird Starter  
Beacon Turkey and Poultry Fitting  
Beacon Turkey Breeder All-Mash  
Beacon Turkey Finisher All Mash  
Beacon Turkey Finisher All-Mash C Medicated  
Beacon "20" Turkey Grower  
Beacon "20" Turkey Grower C Medicated  
Beacon Turkey Starter SQA Medicated  
Be-Co Grower  
Be-Co Grower NC Medicated  
Be-Co-Lass  
Be-Co-Nurse Milk Replacer

BEACON FEED SERVICE, Uxbridge, Mass.

Blackstone Valley "16" Pellets

THE BERKMAN GRAIN CO., North Franklin, Conn.

Nibco 18% Dairy Ration  
Nibco Fitting Ration  
Nibco Five Star Breeder  
Nibco Five Star Lo Color  
Nibco Five Star Roaster  
Nibco Five Star Roaster Medicated  
Nibco Five Star Roaster Med. with Dienestrol  
Nibco Five Star Super Starter  
Nibco Five Star Weight Maker  
Nibco Five Star Weight Maker Medicated  
Nibco Five Star Weight Maker Med. with Dienestrol  
Nibco High Energy Layer  
Nibco Medicated Booster Feed  
Nibco Pullet Builder  
Nibco Pullet Starter

BEST FOODS, Div. of Corn Products Co., 54 Fulton St., Buffalo,  
New York

Oat Mill By-Product

BLATCHFORD CALF MEAL CO., Waukegan, Illinois

Blatchford's Calf Meal  
Blatchford's Calf-Pab

THE BLOOMFIELD FARMERS' EXCHANGE, INC., Bloomfield,  
Connecticut

Bloomfield 16% Dairy Ration

BROOKLAWN GRAIN & FEED CO., 321 Sylvan Ave., Bridgeport,  
Connecticut

Brooklawn Sweet Mix  
Brooklawn High Energy Layer  
Brooklawn 16% Dairy Ration

- BROWN-FORMAN DISTILLERS CORP., P. O. Box 1080,  
Louisville, Kentucky  
Brown-Forman Corn Distillers Dried Grains  
Brown-Forman Corn Distillers Solubles
- CALVERT MILLING CO., Hoytville, Ohio  
17% Dehydrated Alfalfa Meal
- CAMDEN GRAIN CO., 1709 Kossuth St., Camden, N. J.  
Camden Brand Dried Brewers Grain
- CAMP MILLING CO., INC., Walton, New York  
Camp's Milk Replacer for Calves and Pigs
- CANADA LINSEED OIL MILLS, Ltd., 2215 Notre Dame St.,  
Montreal, Quebec, Canada  
Maple Leaf 34% Protein Expeller Linseed Oil Meal Grits
- THE A. B. CAPLE CO., Toledo, Ohio  
17% Capex Dehydrated Alfalfa Meal - Reground Pellets  
Sun-cured Alfalfa Crumbles
- CARGILL, INCORPORATED, 200 Grain Exchange Building,  
Minneapolis 15, Minn.  
Cargill, Inc., 34% Protein Solvent Extracted Linseed Oil Meal  
Cargill, Inc., 44% Protein Solvent Extracted Soybean Meal  
Cargill, Inc., 50% Protein Solvent Extracted Dehulled Soybean Meal
- CARLING BREWING CO., INC., 9400 Quincy Ave., Cleveland, Ohio  
Carling Brewers Dried Grains
- CENTRAL CONN. CO-OP FARMERS' ASS'N., Inc., Manchester,  
Connecticut  
Honest Brand Aureomycin Mix 100 Grams  
Honest Brand Aureomycin Mix 200 Grams  
Honest Brand Complete Breeder Mash  
Honest Brand Complete Ration High Energy Growing Mash  
Honest Brand Complete Ration High Energy Growing Mash  
Medicated  
Honest Brand Complete Ration Hi-Energy Laying Mash  
Honest Brand Nu Weigh Hi Broiler Finisher Mash  
Honest Brand Nu Weigh Hi Broiler Finisher with Unistat  
Honest Brand Nu Weigh Hi Broiler Mash  
Honest Brand Nu Weigh Hi Broiler Starter Mash with Unistat  
Honest Brand Nu Weigh Hi Starter Mash  
Honest Brand Nu Weigh Hi Starter with Sulfaguanidine  
Triple-Biotic Mix

## CENTRAL SOYA, McMillen Feed Div., Ft. Wayne, Indiana

- Bio-21 Concentrate (350-03N) Medicated  
 Central Soybean Mill Run 97B  
 Forty-Four 44% Solvent Extracted Soybean Meal  
 Master Mix All Mash Layer 215  
 Master Mix All Mash Pullet Developer 145  
 Master Mix All Mash Pullet Grower 135-04E Medicated  
 Master Mix All Mash Turkey Grower 421-03C Medicated  
 Master Mix All Mash Turkey Grower 421-34A Medicated  
 Master Mix All Mash Turkey Grower 421-34B Medicated  
 Master Mix Broiler Finisher 323-04A Medicated  
 Master Mix Broiler Finisher 323-16C Medicated  
 Master Mix Broiler Finisher 323-72A Medicated  
 Master Mix Broiler Finisher 324-16C Medicated  
 Master Mix Broiler Finisher Concentrate 375  
 Master Mix Broiler Finisher Concentrate 375-04C Med.  
 Master Mix Broiler Finisher Concentrate 375-16B Med.  
 Master Mix Broiler Finisher Concentrate 375-72C Med.  
 Master Mix Broiler Starter 307-16C Medicated  
 Master Mix Broiler Starter 307-72A Medicated  
 Master Mix Broiler Starter 308-16C Medicated  
 Master Mix Broiler Starter Concentrate 351  
 Master Mix Broiler Starter Concentrate 351-16A Med.  
 Master Mix Broiler Starter Concentrate 351-72B Med.  
 Master Mix Calflac 505  
 Master Mix Calflac Medicated  
 Master Mix Calf Mixer  
 Master Mix Calf Starter 531  
 Master Mix Caponette Finisher 337-77L Medicated  
 Master Mix 32% Cattle Supplement 763 Pellets  
 Master Mix Chick Concentrate 153-04G Medicated  
 Master Mix Chick Starter 103-04A Medicated  
 Master Mix Complete Rabbit Pellets 961  
 Master Mix Complete Rabbit Pellets 961-84E Medicated  
 Master Mix Complete Turkey Finisher 445 (Pellets)  
 Master Mix 38% Dairy Concentrate 671  
 Master Mix 38% Dairy Concentrate 671-03M Medicated  
 Master Mix 14% Dairy Feed 621  
 Master Mix Egglac Pellets 223  
 Master Mix Egg Mash 211  
 Master Mix H. C. All Mash Breeder 043  
 Master Mix H. C. Breeder Concentrate 087  
 Master Mix H. C. Egglac Pellets 221  
 Master Mix H. C. Egglac Pellets 221-41B  
 Master Mix Hi-Q 14% Dairy 615  
 Master Mix Hi-Q 16% Dairy  
 Master Mix Hi-Q Master Blend Concentrate 667  
 Master Mix Hog Finisher Concentrate  
 Master Mix Horse Feed 967  
 Master Mix Layer Concentrate 265  
 Master Mix Liponette Finisher 342-71M Medicated  
 Master Mix Medicated Bio 5 Concentrate 376-03G  
 Master Mix Medicated Bio-21 (303-03C)  
 Master Mix Medicated Biofeed-180 223-20A

## CENTRAL SOYA, McMillen Feed Div., Ft. Wayne, Ind. - Cont.

Master Mix Medicated Biofeed-200 (235-89A)  
Master Mix N. E. 16% Dairy Feed 626  
Master Mix Poultry Starter 401-83A Med.  
Master Mix Prime Finisher 341-71M Med.  
Master Mix Pullet Grower 119-04D Med.  
Master Mix Sweet Bulk 'N Flakes 648  
Master Mix Sweet 16% Dairy 620  
Master Mix Turkey Grower 425-34A Med.  
Master Mix Turkey Grower 425-34B  
Medicated Bio-5 (326-03C)  
Soybran Registered Trademark of Flaked Soybean Hulls  
Thrifty-Fifty 50% Solvent Extracted Dehulled Soybean Meal

## CHELSEA MILLING CO., Chelsea, Michigan

Chelsea Wheat Middlings-Standard Wheat Middlings with  
Ground Wheat Screenings

## S. J. CHERRY &amp; SONS, Ltd., Preston, Ontario, Canada

Wheat Bran

CIBA PHARMACEUTICAL PRODUCTS, INC., 556 Morris Ave.,  
Summit, N. J.

Serpasil<sup>R</sup> Reserpine Premix CIBA - Med.

## CITRUS FEED CO., P. O. Box 513, Lakeland, Fla.

Fosgate's Ace High All Sweet Dried Citrus Pulp

CITRUS PRODUCTS DIV. Minute Maid Corp., P. O. Box 720,  
Leesburg, Fla.

Golden Isle Citrus Pulp

## CLINTON CORN PROCESSING CO., Clinton, Iowa

Clinton 21% protein Corn Gluten Feed  
Clinton 41% protein Corn Gluten Meal

## CLYDE MILLING CORP., 15 Sodus St., Clyde, N. Y.

Clyde Chick Starting Mash  
Clyde Complete Rabbit Pellets  
Clyde Dry & Freshening Ration  
Clyde Hi-Cal-Re Complete Layer and Grower  
Clyde Horse Feed  
Clyde Market Egg Mash  
Clyde Test Cow 16 Dairy Ration  
Clyde Test Cow 18  
Warren's Dry & Freshening Ration

## COCKE &amp; COMPANY, 208 William-Oliver Bldg., Atlanta 3, Ga.

Cocke-Sure Brand 41% Protein Cottonseed Meal  
Hi-Acres All Sweet Dried Citrus Pulp (Mfd. by Hi-Acres)  
Sweet Suni-Citrus Pulp (Mfd. by Suni Citrus Prod.)

COMMERCIAL SOLVENTS CORP., 260 Madison Ave.,  
New York, N. Y.

(See also Vitamin Carriers)

CSC Choline Supplement 50  
Soluferm<sup>®</sup> Basic

CONN. BI-PRODUCTS, INC., Hop River Road., Columbia, Conn.

Feather Meal  
Poultry By-Product Meal

CONSOLIDATED BLENDERS, INC., Fremont, Nebraska

17% Dehydrated Alfalfa Meal with Animal Fat Merry  
Mixer Greenules

CONSOLIDATED RENDERING CO., 178 Atlantic Ave., Boston 10,  
Massachusetts

Corenco Feeding Bone Meal  
Corenco 47% Meat and Bone Scrap  
Corenco 50% Meat and Bone Scrap

COOPERATIVE GRANGE LEAGUE FEDERATION EXCHANGE,  
INC., Mills Div., P.O. Box 973, Buffalo, N. Y.

Corn Feed Meal  
Hominy Feed

CORN PRODUCTS CO., 717 Fifth Ave., New York 22, N. Y.

Buffalo Brand 21% Protein Corn Gluten Feed  
Diamond Brand 41% Corn Gluten Meal

G. A. COWLES, INC., Plantsville, Conn.

Blue C Feed Horse Feed with Molasses  
16% Dairy Delight  
Blue C Feed Laying Mash

CROMPTON GRAIN CO., 100 Pulaski St., W. Warwick, R.I.

Master Made Broiler Finisher Medicated

DCA FOOD INDUSTRIES, INC., Ellicott City, Md.

Domaco Wheat Middlings

DAIRYMEN'S LEAGUE CO-OP. ASSN., INC., 400 Park St.,  
Syracuse, N. Y.

Dairyline Feed Grade Dried Skim Milk

DAWE'S LABORATORIES, INC., 4800 S. Richmond St.,  
Chicago, Illinois

(See also Vitamin Carriers)

Dawe's Fermentation Flavonne  
Special Broiler Mix No. 571-D

## DAWNWOOD FARMS, Amenia, N. Y.

(See also Vitamin Carriers)

Dawnwood Farms CAF-STAR

Dawnwood Farms Caf-Star Formula Feed for Calves

Dawnwood Farms Hi-Fat Milk Replacer Caf-Star Formula

## DECATUR ELEVATOR CO., 518 E. Gault St., Decatur, Ill.

Illini Brand Expeller Type 43% Soybean Meal

## DELAWARE MILLING CO., INC., Deposit, N. Y.

Delaware Egg Mash

Delaware Scratch Grains

Delaware Turkey Grower

Eastern Conn. Grain Associates Growing Mash

Middlesex All Mash Layer

Warren's C &amp; C Complete Laying Mash

Warren's C &amp; C (20%) Laying Mash

Warren's Chick Starter Med. (Mfg. by Delaware)

Warren's Fitting Ration

Warren's Indian 16% Dairy

Warren's 16% Test Ration

Warren's 20% Test Ration

## THE DELPHOS GRAIN &amp; SOYA PRODUCTS CO., Delphos, Ohio

44% Protein Soybean Meal (Solvent Extracted)

## DERBY FEED STORE, 176 Main St., Derby, Conn.

Litsky's Hi-Energy All Mash Grower

Litsky's Hi-Energy All Mash Layer

Litsky's Hi-Energy Layer

Litsky's Sulfaquinolaxaline Mixture

Litsky's Sweet 16% Dairy Ration

E. I. duPONT deNEMOURS & CO., 6054 DuPont Building,  
Wilmington, Delaware

DU PONT TWO-SIXTY-TWO Feed Compound

EASTERN STATES FARMERS' EXCHANGE, INC., 26 Central St.,  
West Springfield, Mass.

(See also Vitamin Carriers)

Alfapels

Appiwhay

Beefmix with Diethylstilbestrol

Broiler Finisher Med.

Broiler Starter Med.

Calf Saver Tablets

Calf Starter

Cashmaker Medicated

Champion

Choicemaker Medicated



EASTERN STATES FARMERS' EXCHANGE, INC., 26 Central St.,  
West Springfield, Mass., - Cont.

Choicemaker WM Med.  
Class Leader  
Darimore  
Fifty-Mix  
Fulball  
Geo-Mix  
Goalmaker Med.  
Lay-Crums Med.  
Lay-Mix Med.  
Matchmaker Med.  
Medicated Defender  
Medicated Lacto-Life  
Medicated Minuteman  
Medicated Minuteman SQ  
Medicated Sentinel  
Medicated Turkey Starter F  
Milkerpels 14  
Milkerpels 16  
Milkerpels 16-WA  
Milkerpels 20  
Milkmore  
Milk saver  
Pacemaker Med.  
Pel-22 Med.  
Pel-Gro Med.  
Pel-Gro WM Med.  
Pel-Lay Med.  
Pork Builder  
Pork Gainer Med.  
Porklets  
Porkmix  
Pork Primer Med.  
Poultry Wormer  
Protek A Med.  
Protek F Med.  
Rabbettes  
Rabbettes Med.  
Roaster Finisher Med.  
Supmix  
Sweepstakes  
Tastibulk  
Tasti-Pels  
Thriftmaker  
Trim-Maker  
Turkey Breeder  
Turkey Finisher  
Turkey Finisher C Med.  
Turkey Grower  
Turkey Grower C Med.  
Turkey Starter Med.

ECKHART MILLING CO., 1300 W. Carroll Ave., Chicago, Ill.

Ecko Pure Wheat Bran  
Wheat Middlings with Ground Wheat Screenings

ELMORE MILLING CO., INC., 52 Main St., Oneonta, N. Y.

Elmore Broiler Finisher Pelleted (IN)  
Elmore Bull Feed  
Elmore Calf Grain Ration  
Elmore Chixsaver  
Elmore Chixsaver Med.  
Elmore Chixsaver (IN)  
Elmore Chixsaver (IS)  
Elmore's Complete Calf Milk Replacer  
Elmore Complete Growing Mash  
Elmore Complete Growing Ration (SQ)  
Elmore Complete Growing Ration Med. (2A)  
Elmore Complete Laying Mash  
Elmore Complete Market Egg Mash  
Elmore Complete Rabbit Ration Pelleted  
Elmore Complete Turkey Growing Mash  
Elmore Complete Turkey Growing Mash (1S)  
Elmore Complete Turkey Growing Ration (1H)  
Elmore Dry & Freshening Ration  
Elmore Egg Mash  
Elmore Fitting Ration  
Elmore Flaked Pelleted Calf Starter  
Elmore Game Bird Breeder Mash  
Elmore Game Bird Grower  
Elmore Game Bird Grower Med.  
Elmore Game Bird Grower (1H)  
Elmore Game Bird Grower Med. (1S)  
Elmore Game Bird Starter (1S)  
Elmore Grand Champion  
Elmore Hog Ration  
Elmore Horse Feed  
Elmore 20% Laying Mash  
Elmore Makemgrow Pig Ration  
Elmore Maximilk Ration  
Elmore Med. Mash (Crumbles)  
Elmore Milk Grains "Sixteen"  
Elmore Milk Grains 20%  
Elmore Pacemaker 16% Dairy Ration  
Elmore Picker-Upper Mash (2A)  
Elmore .05% S. Q. Mixture  
Elmore Super Broiler Ration (1N)  
Elmore Super Silage  
Elmore Test Ration 16%  
Elmore Test Ration 18%  
Elmore Turkey Finisher (Fattener)  
Elmore Turkey Growing Mash (1H)  
Elmore Turkey Starting Mash (1S)

JOHN W. ESHELMAN & SONS, 244 N. Queen St., Lancaster, Pa.

Lancaster 16 Dairy Feed  
Lancaster 20 Dairy Feed  
Lancaster Scratch Grains  
Pennsy Complete Laying Ration  
Pennsy 16 Dairy Feed  
Pennsy Laying Mash  
Red Rose Breeder Mash  
Red Rose Broiler Finisher  
Red Rose Calf Grower  
Red Rose Calf Starter  
Red Rose Chick Grains  
Red Rose Chick Starter Med. (110-E)  
Red Rose Complete Breeder Ration  
Red Rose Complete Game Bird Grower  
Red Rose Complete Growing Ration  
Red Rose Complete Laying Ration  
Red Rose Complete Turkey Finisher  
Red Rose Complete Turkey Finisher Med.  
Red Rose Complete Turkey Grower  
Red Rose Complete Turkey Grower Med.  
Red Rose 16 Dairy Feed  
Red Rose 18 Dairy Feed  
Red Rose Duck Grower & Breeder (Pelleted)  
Red Rose Fattening Mash (Pellets)  
Red Rose Fitting Ration  
Red Rose Goat Ration  
Red Rose Growing Mash  
Red Rose Horse Feed  
Red Rose Intermediate Chick Grains  
Red Rose Laying Mash  
Red Rose Med. T-C Feed  
Red Rose Milk Replacer  
Red Rose Milking Parlor Feed  
Red Rose Pigeon Feed  
Red Rose Porkmaker  
Red Rose Rabbit Pellets  
Red Rose Rumenator (Dairy Booster)  
Red Rose Scratch Grains  
Red Rose Starter & Grower  
Red Rose 14 Test-Cow Feed  
Red Rose Turkey Starter  
Red Rose Wild Bird Feed  
S-O-S  
Solvent Extracted 41% Cottonseed Meal

EVANS MILLING CO., INC., 1730 W. Michigan St., Indianapolis,  
Indiana

Emco Hominy Feed

THE RAY EWING CO., 2690 E. Foothill Blvd., Pasadena, Calif.

(See also Vitamin Carriers)

All Purpose Premix

FMS INCORPORATED, Thomasville, Pa.

FMS-A A Food for baby animals

FARM BUREAU ASSOCIATION, 155 Lexington St., Waltham, Mass.

Farm Bureau Advancer

Farm Bureau Complete Grower Layer Mash Med.

Farm Bureau Dairy 16%

Farm Bureau Fitting Ration

Farm Bureau Milk Replacer

Farm Bureau Rabbit Food Pellets

FARMERS FEED CO., 375 Johnson Ave., Brooklyn, N. Y.

"Bull Brand" Brewers Dried Grains

FISH PRODUCTS CO., Fort Miles Rd., Lewes, Delaware

Smith's Lifeline Brand Fish Meal Stabilized with Food Grade  
Butylated Hydroxy-toluene

FISH PRODUCTS COMPANY OF NEW JERSEY, Tuckerton, N. J.

Smith's Lifeline Brand Fish Meal preserved with Food Grade  
Butylated Hydroxy-toluene

FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla.

Lake Wales Brand Citrus Pulp

THE FOX COMPANY, Newfield, N. J.

(See also Vitamin Carriers)

Foxco D-Activated Animal Sterol (Source of Vitamin D<sub>3</sub>)

Foxco Qualadee A & D Feeding Oil

Foxco Vitamin Supplement 2-4-9-C

GENERAL FOODS CORP., 1551 East Willow St., Kankakee, Ill.

Burt's Hominy Feed

GENERAL MILLS, INC., Minneapolis, Minn.

Ben Hur Wheat Bran

Ben Hur Wheat Middlings with Ground Wheat Screenings

General Mills 44% Protein Solvent (Hexane) Extracted Soybean  
Oil Meal

General Mills 50% Protein Solvent (Hexane) Extracted Soybean  
Oil Meal

Purity Oat Mill By-Product

Purity Pulverized White Oats

Washburn's Gold Medal Wheat Adrian Red Dog

Washburn's Gold Medal Wheat Bran with Ground Wheat Scr.

Washburn's Gold Medal Wheat Middlings with Ground Wheat Scr.

GENERAL MILLS, INC., Eastern Region, 15800 W. McNichols Rd.,  
Detroit 35, Michigan

Larro All Purpose Poultry Wormer  
 Larro Chick Grains  
 Larro Karmel Grist  
 Larro Medicated Poultry SureLift (.11 FRZ)  
 Larro Medicated Poultry SureLift (.022 FRZ)  
 Larro Medicated Surelay Complete H-E (CS)  
 Larro Medicated SureLift 16  
 Larro Medicated SureLift 27 (FRZ)  
 Larro Medicated SureMilk Keto-Kurb  
 Larro Medicated Turkey Surelift  
 Larro Stock Champ  
 Larro SureBeef 12  
 Larro SureBroiler Finisher 19 (AMP-1) Med. (KC)  
 Larro SureBroiler Finisher 21 (AMP) Medicated  
 Larro SureBroiler Finisher 21 (ZOL) Medicated  
 Larro SureBroiler Starter 21 (AMP-1) Med. (KC)  
 Larro SureBroiler Starter 23 (AMP) Medicated  
 Larro SureBroiler Starter 23 (ZOL) Medicated  
 Larro SureCalf  
 Larro SureChick  
 Larro SureChick (.0083 ZOL) Medicated  
 Larro SureGrow Complete "H-E"  
 Larro SureGrow Complete "H-E" (.0083 ZOL) Medicated  
 Larro SureLay Complete "H-E"  
 Larro SureLay Complete "H-E" (.00275 FRZ) Medicated  
 Larro Surelay "H-E"  
 Larro SureLay "H-E" (.0055 FRZ) Medicated  
 Larro SureMilk 14  
 Larro SureMilk 16  
 Larro SureMilk 20  
 Larro SureMilk 32  
 Larro SureRabbit Medicated  
 Larro SureRaise (CHL) Medicated  
 Larro SureTasty 16 Pellets  
 Larro SureTasty 20 Pellets  
 Larro SureTurk Finisher Complete 16

GLOUCESTER BY-PRODUCTS, INC., Gloucester, Mass.

Globpro Brand 60% Protein Fish Meal

GOLDEN GEM GROWERS, INC., Umatilla, Florida

Golden Gems Sweet Dried Citrus Pulp

GOLDENROD OIL MEAL SALES CO., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal - Prime  
Quality

W. R. GRACE & CO., Nitrogen Products Div., 147 Jefferson Ave.,  
Memphis, Tenn.

Grace Micro Prilled Urea Feed Compound

## D. H. GRANDIN MILLING CO., Jamestown, New York

Grandin's Calf Starter  
 Grandin's Dairy Maid 16  
 Grandin's 14 Fit-Fresh Produce  
 Grandin's 14% Fitting Ration  
 Grandin's Hi-Pro Pellets  
 Grandin's Horse Feed  
 Grandin's Intermediate Chick Grains  
 Grandin's 16 Milk Producer  
 Grandin's Pig & Sow Feed  
 Grandin's Rabbit Pellets  
 Grandin's Summit Test Ration  
 Grandin's Super Complete Grow & Lay (Pellets)  
 Grandin's Super Layer

THE GREAT ATLANTIC & PACIFIC TEA CO., 817-512 Nicollet  
Building, Minneapolis, Minn.

Daily Egg Laying Mash

## GREAT STAR FLOUR MILLS, Ltd., St. Marys, Ontario, Canada

Great Star Wheat Shorts

## GREEN ACRE FARMS, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal with 1/2%  
 Vegetable Fat Product

## HAFFENREFFER &amp; CO., INC., 30 Germania St., Boston 30, Mass.

Haffenreffer & Co., Inc., Brewers' Dried Yeast

## HALES &amp; HUNTER CO., 141 W. Jackson Blvd., Chicago, Ill.

Pioneer Beef Fitting Ration  
 Pioneer Calf Starter  
 Pioneer Commercial Milker  
 Pioneer Dairy Fitting Feed  
 Pioneer 16 Dairy Pellets  
 Pioneer Dairy Production 16  
 Pioneer Dry and Freshening  
 Pioneer Hog Finisher  
 Pioneer Hog Finisher Concentrate  
 Pioneer Horse Feed  
 Pioneer Pelleted Flaked 15 Dairy  
 Pioneer Pig Gro-Pel Medicated  
 Pioneer Rabbit Pellets  
 Pioneer Sup-Pel Pellets  
 Pioneer Vig-R-Calf  
 Red Comb Breeder Mash  
 Red Comb Broiler Finisher  
 Red Comb C Flakes  
 Red Comb Chick Starter  
 Red Comb Complete Breeder  
 Red Comb Complete Grower  
 Red Comb Complete Layer 15 Medicated

## HALES &amp; HUNTER CO., 141 W. Jackson Blvd., Chicago, Ill. -Cont.

Red Comb Complete Layer 16 Medicated  
Red Comb Complete Layer 17 Medicated  
Red Comb Duck Developer (Pellets)  
Red Comb Duck Starter (Pellets)  
Red Comb Egg Mash Medicated  
Red Comb Medicated Respir-Aid  
Red Comb Medicated Sup-Pel  
Red Comb Pioneer Wormer  
Red Comb Pullet Developer  
Red Comb Scratch Feed  
Red Comb Turkey Broiler Finisher  
Red Comb Turkey Finisher 14  
Red Comb Turkey Finisher 17  
Red Comb Turkey Grower 20  
Red Comb Turkey Grower 23  
Red Comb Turkey Starter  
Red Comb 3-Way Poultry Wormer

## PETER HAND FOUNDATION, 1000 W. North Ave., Chicago 22, Ill.

Custom Lipamone Premix 13.34% Medicated

## HARPER FEED MILLS, INC., Washington, Pa.

Registered by Wm. S. Warren & Son, Eastford, Conn.  
Harco Milk Replacer for Young Calves

## HAYWARD, INC., Oak Harbor, Ohio

Dehydrated Alfalfa Meal Pellets

## HI-ACRES CONCENTRATE, INC., Orlando, Florida

Registered by Cocke & Co., Atlanta, Ga.  
Hi-Acres All Sweet Dried Citrus Pulp

## HOLLY SUGAR CORP., Colorado Springs, Colorado

Dried Beet Pulp and Feeding Beet Molasses

## H. P. HOOD &amp; SONS, INC., Dunedin, Florida

Hood Citrus Pulp

## H. P. HOOD &amp; SONS, INC., 500 Rutherford Ave., Boston 29, Mass.

(See also Vitamin Carriers)  
Calf Starter  
Hood Milk Replacer for Baby Animal  
Pep-Lac  
Powdered Skim Milk  
Whey-Lac

## THE HUBINGER COMPANY, Keokuk, Iowa

Ke OK uk Brand Corn Gluten Meal  
Ke OK uk Brand 21% Protein Corn Gluten Feed

- THE HUNTER MILLING CO., Wellington, Kansas  
Registered by Ralston Purina Co., St. Louis, Mo.  
Wheat Bran - Ground Wheat Screenings
- ILLINOIS CEREAL MILLS, INC., Paris, Illinois  
Hominy Feed
- INDUSTRIAL MOLASSES CORP., 321 Ft. Lee Road, Leonia, N. J.  
Dried Beet Pulp
- INTERNATIONAL MILLING CO., 1200 Investors Building, Minneapolis, Minn.  
Blackhawk Wheat Bran with Ground Mixed Screenings  
Blackhawk Wheat Middlings with Ground Mixed Screenings  
Target Wheat Red Dog
- INTERNATIONAL STOCK FOOD CORP., 533 Broad St., Waverly, New York  
Rumen Bacteria and Nux Vomica Mix Incorp. in I. S. F. Cattle Special  
Rumen Bacteria Mix Incorp. in I. S. F. Grow-Em Milk Replacer
- HERMAN ISACS, INC., Bridgeport, Conn.  
Hi Test Meat & Bone Meal
- KELLOGG CO. of CANADA, Ltd., P.O. Box 517, London, Ontario, Canada  
Kellogg's Hominy Feed
- KELLOGG SALES CO., Battle Creek, Mich.  
Kellogg's No. 1009 Kel-Blend  
Kellogg's No. 1003 Mink Conditioner  
Kellogg's No. 1007 Mink Mix  
Kellogg's No. 1001 Mink Ration
- SPENCER KELLOGG & SONS, INC., 120 Delaware Ave., Buffalo, N. Y.  
Spencer Kellogg's 32% Protein Old Process (Expeller) Linseed Oil Meal  
Spencer Kellogg's 44% Protein Soybean Meal - Solvent Extracted  
Spencer Kellogg's 50% Protein Soybean Meal - Solvent Extracted
- KEYSTONE DEHYDRATORS, Box 204, Nazareth, Pa.  
Keystone Super Green Dehydrated Alfalfa Meal with Santoquin and Animal Fat



KING MILLING CO., Lowell, Michigan

King's Middlings with Screenings

KRAFT FOODS, Div. National Dairy Products Corp., 99 Park Ave.  
New York, N. Y.

(See also Vitamin Carriers)

Kaff-A Booster Pellets

Kaff-A Milk Replacer for Calves Medicated

Kraco Dried Whole Whey

Pex Condensed for Poultry

Pex High Lay Pellets for Layers and Breeders

Pex Self Feeder Block for Broilers

Pex Self Feeder Block for Layers and Breeders

Pex Self Feeder Block for Poultry

Pex Self Feeder Whey Block for Poultry

CHAS. A. KRAUSE MILLING CO., 404 E. State St., Milwaukee, Wis.

Badger Yellow Hominy Feed

KUDER PULP SALES CO., Lake Alfred, Florida

Kuder Dried Citrus Pulp, High Sugar

LAKE STATES YEAST & CHEMICAL, Div. of St. Regis Paper Co.,  
Rhinelander, Wisconsin

Dried Torula Yeast

LAUHOFF GRAIN CO., Danville, Illinois

43% Protein Expeller Soybean Cake

Vermilion Hominy Feed

LAUHOFF SOYA CO., 321 E. North St., Danville, Illinois

44% Protein Solvent Extracted Soybean Oil Meal

THE LIBNER GRAIN CO., 25 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Growing Mash

Libner's Blue Ribbon Horse and Calf Ration

Libner's Blue Ribbon Milk Egg Mash

Libner's Blue Ribbon Scratch Feed

L. B. LOVITT & CO., Memphis, Tenn.

"Lovit Brand" 41% Protein Cottonseed Meal Prime Quality

MACHNICKI'S GRAIN STORE, Jewett City, Conn.

Machnicki's Hi-Energy All Mash Layer

Master Made Broiler Starter Medicated

MAK MORE CORP., P. O. Box 123, Clinton, Mass.

Morea<sup>R</sup>M-30 (Liquid Feed Supplement)

THE MANITOBA SUGAR CO., Ltd., Winnipeg, Manitoba, Canada

Registered by Mowat, Wilson & Co., Detroit, Mich.

Molasses Dried Beet Pulp

MARION MILLING CO., Marion, Ohio

Cloverleaf Wheat Middlings and Ground Wheat Screenings

MAXON MILLS, INC., Wassaic, New York

Maxon 16% Dairy

Maxon 18% Dairy

Maxon 14% Fitting

Maxon 16% Test

Maxon 18% Test

McCABE GRAIN CO., LTD., 409 Grain Exchange Bldg.,

Winnipeg 1, Manitoba, Canada

Ground Mixed Screenings

THE MENNEL MILLING CO., 128 W. Crocker St., Fostoria, Ohio

Memo Pure Wheat Bran

Memo Wheat Middlings with Ground Wheat Screenings

MERCK & COMPANY, INC., Rahway, N. J.

(See also Vitamin Carriers)

Amprol 25%

Glycamide 12%

No. 1061 Feed Supplement

No. 659 Vitamin Mixture

MILLER ALFALFA CO., Mark Center, Ohio

Miller's Choice Brand Dehydrated Alfalfa Meal

MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.

Choice Steam Cooked Hominy Feed

MOLSON'S BREWERY, LTD., Montreal, Canada

Molson's Brewers Dried Grains

GEO. Q. MOON & CO., INC., Binghamton, N. Y.

Green Acres 17% Dehydrated Alfalfa Meal (Mfg. by S & W  
Mills, Archbold, Ohio)

Moon Baby Chick Grains

Moon Complete Growing Mash

Moon Complete Laying Mash

Moon Dairy Fitting Ration

Moon 16% Dairy Ration

Moon Growing Mash

Moon Hog Feed

Moon Horse Feed

- GEO. Q. MOON & CO., INC., Binghamton, N. Y. - Cont.  
Moon Laying Mash  
Moon Rabbit Pellets  
Moon Scratch Feed  
Moon Starter Mash
- JAS. F. MORSE & CO., 11 Horace St., Somerville, Mass.  
Morse's 47% Meat & Bone Meal
- MOWAT, WILSON & CO., 15325 W. 7 Mile Rd., Detroit 35, Mich.  
Dried Beet Pulp  
Dried Beet Pulp and Beet Molasses
- MYZON LABORATORIES, 3129 West 47th St., Chicago 32, Ill.  
(See also Vitamin Carriers)  
Myzon Calf Builder  
Myzon Poultry Builder
- NAPOLEON ALFALFA MILLS, INC., Napoleon, Ohio  
Registered by Lockwood Nutrition Service, Boston, Mass.  
Evergreen Brand 17% Dehydrated Alfalfa Meal
- NAPPANEE MILLING CO., INC., Nappanee, Indiana  
Hominy Feed
- NATIONAL ALFALFA DEHYDRATING & MILLING CO., Lamar, Colorado  
Krumbles  
National 15% Protein Dehydrated Alfalfa Meal (Pellets)  
National 17% Protein Dehydrated Alfalfa Meal
- NATIONAL BISCUIT CO., Toledo Mill, 2221 Front St., Toledo, Ohio  
Namico  
Pure Wheat Bran
- NATIONAL DISTILLERS PRODUCTS CO., Div. of National Distillers & Chemical Corp., 99 Park Ave., New York, N. Y.  
Corn Distillers Dried Grains  
Nadrisol Brand Corn Distillers Dried Solubles  
Produlac Brand Corn Distillers Dried Solubles with Grains
- NATIONAL VITAMIN PRODUCTS CO., 3401 Hiawatha Ave. So., Minneapolis, Minn.  
Calvita (Trade Mark Reg.) Calf Formula  
Calvita Vealer Milk Replacer Med.
- NEW JERSEY FLOUR MILLS CO., 1-11 Chester St., Clifton, N. J.  
Clifton Wheat Bran  
Jersey Flour Middlings  
Jersey Wheat Bran

NOPCO CHEMICAL CO., 60 Park Place, Newark, N. J.

(See also Vitamin Carriers)

Hi-Lay Premix Nopco Pak EZW  
 Nop-Cap Special  
 Nopco-Pak Super Premix Code FGY  
 Nopdex "3000"  
 Super Premix Nopco-Pak EYY

THE NORTH AMERICAN TRADING & IMPORT CO., 1429 Walnut St.  
 Philadelphia 2, Pa.

Natico Dry Cane Molasses Product

NORTHERN OHIO SUGAR CO., 1530 Sixteenth St., Denver 2, Colo.

GW Dried Beet Pulp  
 GW Dried Beet Pulp and Feeding Beet Molasses

OGDEN GRAIN COMPANY, Utica, New York

Ogden C. L. Special 15  
 Ogden C. L. Special 16  
 Ogden Complete Chick Starter Med.  
 Ogden Complete Chick Starter Med.  
 Ogden Complete Grower  
 Ogden Complete Layer Med.  
 Ogden Developer Feed  
 Ogden Econ-O-Mix 16% Dairy Feed  
 Ogden 16 Hi Energy Dairy Pellets  
 Ogden Hi Energy Growing Mash  
 Ogden Hi Energy Laying  
 Ogden Hi Energy Laying Med.  
 Ogden 16% Hi-Kal Dairy Pellets  
 Ogden Hi Value Complete Layer  
 Ogden Horse Feed  
 Ogden 20% Laying Feed  
 Ogden Life Span 15  
 Ogden Life Span 18  
 Ogden Medicated Complete Calf Starter  
 Ogden Milk Replacer  
 Ogden Premium Dry and Freshening Ration  
 Ogden Premium 20% Milk Ration  
 Ogden Premium 14 Pel-Flake  
 Ogden Premium 16 Pel-Flake  
 Ogden Premium Test Cow 16  
 Ogden Premium Test Cow 18  
 Ogden R S 10  
 Ogden Rabbit Pellets  
 Ogden Reliable 16 Dairy Ration  
 Ogden Scratch Grains  
 Ogden Super Hi Energy Laying Feed  
 Ogden Super Pig Ration

OHIO BLENDERS, INC., 2404 Summit St., Toledo, Ohio

Big "O" Dehydrated Alfalfa

- OLIN MATHIESON CHEMICAL CORP., Mathieson Bldg., 10 Light St., Baltimore 3, Md.  
Urea - Feed Compound
- PABST BREWING CO., Merchandise Mart, Chicago, Ill.  
Pabst Blue Ribbon Brewers Dried Grains  
Pabst Yellow Hominy Feed
- PARRISH & HEIMBECKER, LTD., Toronto, Montreal, Canada  
"Parrheim" Pure Wheat Shorts
- PASCO PACKING CO., P.O. Box 97, Dade City, Florida  
OMIO Citrus Pulp  
Sugar Sweet Citrus Pulp
- PATENT CEREALS CO., Geneva, New York  
Hominy Feed
- PENICK & FORD LTD, INC., Cedar Rapids, Iowa  
Douglas Corn Gluten Meal  
21% Protein Douglas Corn Gluten Feed
- PENNSYLVANIA HIDE & RENDERING CO., Div. of The Van Iderstine Co., 917 Middle St., Scranton, Pa.  
Pennsylvania Meat and Bone Scraps
- PERRYSBURG ALFALFA MILLS, INC., P.O. Box 187, Perrysburg, Ohio  
20% Dehydrated Alfalfa Meal
- THE PHILADELPHIA SEED CO., INC., Arch & Front Sts., Philadelphia 5, Pa.  
Pigeonets by Purgrain
- THE PILLSBURY CO., Minneapolis 2, Minn.  
Pillsbury's XX Daisy (Wheat Red Dog)  
Pillsbury's Wheat Bran with Ground Wheat Screenings  
Pillsbury's Wheat Middlings with Ground Wheat Screenings
- PRAIRIE DEHYDRATING COMPANY, Rookneke, Ill.  
Prairie 20% Dehydrated Alfalfa Meal
- PUBLICKER INDUSTRIES, INC., 1429 Walnut St., Philadelphia, Pa.  
Paco Molasses Distillers Dried Solubles
- THE QUAKER OATS CO., Merchandise Mart Plaza, Chicago 54, Ill.  
Muffets Shredded Wheat Feed  
Vim Oat Mill By-Product  
Yellow Hominy Feed S

## THE QUAKER OATS CO., P. O. Box 46, Shiremanstown, Pa.

Ful-O-Pep Calf Ration  
 Ful-O-Pep Calf Starter  
 Ful-O-Pep Chick Starter  
 Ful-O-Pep Chick Starter (Q2)  
 Ful-O-Pep Derwood Horse Crunch  
 Ful-O-Pep Egg Breeder Mash  
 Ful-O-Pep Egg Breeder Ration  
 Ful-O-Pep Egg Ration  
 Ful-O-Pep Gro-Pork (280K)  
 Ful-O-Pep Growing Mash  
 Ful-O-Pep Growing Mash (Q3)  
 Ful-O-Pep Growing Ration  
 Ful-O-Pep Growing Ration (Q1)  
 Ful-O-Pep High Sweet Blend L  
 Ful-O-Pep Horse Feed L  
 Ful-O-Pep Laying Mash  
 Ful-O-Pep Laying Ration  
 Ful-O-Pep Med. Super Greens (C2D1)  
 Ful-O-Pep Pig-N-Sow Ration  
 Ful-O-Pep Pig Starter (K)  
 Ful-O-Pep Pullet Developer  
 Ful-O-Pep Pullet Developer (Q1)  
 Ful-O-Pep Rabbit Ration (C4)  
 Ful-O-Pep Super Egg Breeder Ration (A) Medicated  
 Ful-O-Pep Super Greens  
 Ful-O-Pep Super Laying Ration (A) Medicated  
 Ful-O-Pep Super Milking Feed  
 Ful-O-Pep Super Milking 32  
 Quaker Sugared Schumacher Feed

## QUAKER OATS CO. of CANADA LTD., Peterborough, Ontario, Canada

Peterborough Oat Mill By-Product  
 Yellow Hominy Feed

## RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo.

Checkerboard Pasture Ration L  
 Custom Breeder  
 Custom Breeder (Arbor Acre)  
 Custom Developer  
 Custom Developer (Arbor Acre)  
 Custom Developer ZO Med.  
 Custom Developer ZO Med. (Arbor Acre)  
 Custom Grower  
 Custom Grower (Arbor Acre)  
 Custom Grower ZO Med.  
 Custom Grower ZO Med. (Arbor Acre)  
 Northeastern Scratch Feed (for Pallets)  
 41% Protein Solvent Extracted Cottonseed Meal  
 44% Protein Solvent Extracted Soybean Oil Meal  
 Purina Aureomycin-Kits  
 Purina B & M Cow Chow  
 Purina B & M Cow Chow C

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo. - Cont.

- Purina Baby Pig Chow Medicated
- Purina Breeder Eggena NE
- Purina Breeder Lay Chow
- Purina Breeder Layena (Complete Ration)
- Purina Broiler Chow Medicated
- Purina Broiler Chow MP Medicated
- Purina Broiler Chow UN Medicated
- Purina Broiler Chow Finisher No. 1 AB NC Medicated
- Purina Broiler Chow Finisher No. 1 Med. with Dienestrol Diacetate
- Purina Broiler Chow Finisher No. 1 BI Med. with Dienestrol Diacetate
- Purina Broiler Chow Finisher No. 1 UN Med.
- Purina Broiler Chow Finisher (E) No. 1 Med.
- Purina Broiler Chow Finisher (E) No. 1 AB Med.
- Purina Broiler Chow Finisher (E) No. 1 AB BI Med.
- Purina Broiler Chow Finisher (E) No. 1 MP Med.
- Purina Broiler Chow Finisher (E) No. 1 NON
- Purina Broiler Chow Finisher No. 2
- Purina Broiler Chow Starter Med.
- Purina Broiler Chow Starter AB NC Med.
- Purina Broiler Chow Starter (G) AB NC Med.
- Purina Broiler Chow Starter MP Med.
- Purina Broiler Chow Starter NC Med.
- Purina Broiler Finisher No. 2
- Purina Bulky Las
- Purina Calf Startena
- Purina Calf Startena (Coarse)
- Purina Capena MP Medicated
- Purina Chick Chow (Coarse)
- Purina Chick Chow (Fine)
- Purina Chick Growena
- Purina Chick Growena ZO Medicated
- Purina Chick Growing Chow
- Purina Chick Startena
- Purina Chick Startena ZO Medicated
- Purina Complete Sow Chow
- Purina Cow Chow D 16%
- Purina Cow Chow D (B) 16%
- Purina Cow Chow D (F) 16%
- Purina Cow Chow D 20%
- Purina Cow Chow Concentrate 32%
- Purina Cow Chow Concentrate 36%
- Purina D & F Chow
- Purina D & F Chow (Coarse)
- Purina Dairy Chow L 14% (Coarse)
- Purina Dairy Chow L 16%
- Purina .0023% Dienestrol Diacetate in Purina Broiler Chow Finisher No. 1 E Medicated
- Purina .0023% Dienestrol Diacetate Mixture in Purina Broiler Chow Finisher No. 1 (E) BI Medicated
- Purina Duck Breeder Layena
- Purina Duck Growena

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo. - Cont.

- Purina Duck Startena
- Purina Eggena
- Purina Eggena NE
- Purina Fitting Ration B
- Purina Fox Chow
- Purina Game Bird F & M Chow
- Purina Game Bird Finisher
- Purina Game Bird Startena
- Purina Game Bird Startena SQ
- Purina Goat Chow (Coarse)
- Purina Goat Chow Checkers
- Purina Hog Finisher No. 1 Medicated
- Purina Lay Chow
- Purina Layena (Complete Ration)
- Purina Meat Pullet Fattening Chow BI Medicated
- Purina Medicated Chek-R-Aid
- Purina Medicated D & F Chow D (Coarse)
- Purina Medicated Poultry Aid
- Purina Milk Chow D 16%
- Purina Milk Chow D 16% (Coarse)
- Purina Milk Chow D 20%
- Purina Milk Chow D 20% (Coarse)
- Purina Mink Breeder Chow
- Purina Mink Developer Chow
- Purina Mink Developer Chow SF
- Purina Mix-R-Mycin Medicated
- Purina Nursing Chow
- Purina Omolene
- Purina Pig Growena Medicated
- Purina Pig-Plus
- Purina Pig Startena Medicated
- Purina Pigeon Chow Checkers
- Purina Poultry Booster Chow
- Purina Poultry Wormer
- Purina 36% Protein Cottonseed Meal
- Purina Pullet Developer F
- Purina Pullet Developer (F) UN Medicated
- Purina Pullet Developer (F) ZO Medicated
- Purina Rabbit Chow Checkers
- Purina Rabbit Chow Checkers (20%)
- Purina Rabbit Chow Checkers (Complete Ration)
- Purina Rabbit Chow Checkers (Complete Ration) SQ Med.
- Purina Rabbit Chow Checkers NF SQ Medicated
- Purina Rabbit Chow Checkers NF SQ (Complete Ration) Med.
- Purina Rabbit Chow Checkers SQ Medicated
- Purina Rabbit Chow Checkers WO
- Purina Range Checkers
- Purina Roaster Chow
- Purina Roaster Chow BI Med. with Dienestrol Diacetate
- Purina Roaster Chow MP Medicated
- Purina Roaster Chow NG Med. with Dienestrol Diacetate
- Purina Silage Preserver
- Purina Special Steer Fatena 32%



## RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo. - Cont.

- Purina Special Steer Fatena 32% with Diethylstilbestrol
- Purina Squab Broiler Chow Medicated
- Purina Squab Broiler Chow MP Medicated
- Purina Squab Broiler Chow 3NC
- Purina Super Breeder Layena (Complete Ration)
- Purina Super Layena (Complete Ration)
- Purina Turkey Breeder Layena
- Purina Turkey Breeder Layena HZ Medicated
- Purina Turkey Broiler Finisher
- Purina Turkey Finisher No. 1
- Purina Turkey Finisher No. 1 HZ Medicated
- Purina Turkey Finisher No. 2
- Purina Turkey Finisher No. 2 HZ Medicated
- Purina Turkey Growena No. 1
- Purina Turkey Growena No. 1 HS Medicated
- Purina Turkey Growena No. 1 SQ Medicated
- Purina Turkey Growena No. 2
- Purina Turkey Growena No. 2 HS Medicated
- Purina Turkey Growena No. 2 SQ Medicated
- Purina Turkey Pre-Starter
- Purina Turkey Startena
- Purina Turkey Startena HS Medicated
- Purina Turkey Startena SQ Medicated
- Wheat Bran with Ground Wheat Screenings (Mfg. by Hunter Milling Co., Wellington, Kansas)
- Wheat Germ Meal (Mfg. by National Biscuit Co., Toledo, Ohio)

## READING MILLING CO., INC., Reading, Pa.

- Faramel All Mash Layer
- Faramel All Mash Grower
- Faramel Rabbit Food Pellets

## RUSSELL MILLER-KING MIDAS MILLS, Milling Div. of F. H. Peavey &amp; Co., Minneapolis 15, Minn.

- Occident Wheat Bran
- Occident Wheat Germ Meal
- Occident Wheat Middlings with Ground Wheat Screenings
- Occident Wheat Red Dog
- Occident Wheat Shorts with Ground Wheat Screenings

## WOLF SAVITSKY &amp; SONS, INC., Foot of White St., Shelton, Conn.

- Wolf's Broiler Finisher Medicated
- Wolf's Calf Starter
- Wolf's Complete Hi-Eff Egg-Breeder Mash Medicated
- Wolf's Complete Hi-Eff Growing Mash
- Wolf's Complete Hi-Eff Profit Builder Medicated
- Wolf's Complete Hi-Eff Profit Builder Medicated AR SQ
- Wolf's 14% Dairy Ration
- Wolf's 16% Dairy Ration
- Wolf's Dry and Freshening Ration
- Wolf's Egg Mash

**WOLF SAVITSKY & SONS, INC., Foot of White St., Shelton, Conn. -Cont.**

- Wolf's Hi-Speed Starter & Broiler Ration - Medicated
- Wolf's Horse Feed
- Wolf's Performolas
- Wolf's Pig & Hog Feed
- Wolf's Super Hi-Eff Starter and Broiler Ration - Medicated
- Wolf's 16% Test Ration
- Wolf's 16% Test Ration Pellets
- Wolf's 18% Test Ration

**SCHENLEY DISTILLERS, INC., 350 Fifth Ave., New York, N. Y.**

- Corn Germ Meal (Dry Milled)
- Schenley Mark of Merit Corn Distillers Dried Grains with Solubles
- Schenley Mark of Merit Milo Distillers Dried Grains with Solubles
- Schenley's Soludri Corn Distillers Dried Solubles

**SCHOENECK FARMS, INC., Nazareth, Pa.**

- Schoeneck's Super Green Dehydrated Alfalfa Meal

**SCHWAB BROS. MILLS, INC., New Bavaria, Ohio**

- Dehydrated Bavaria Brand Alfalfa Meal 17%

**SEA BOARD SUPPLY CO., 35th & Grays Ferry Ave., Philadelphia 46, Pennsylvania**

- Dried Tomato Pomace

**SEA-BORN, Mineral Div. of Skod Co., 15 E. Elm St., Greenwich, Connecticut**

- Sea-Born (Norwegian Seaweed Meal)
- Sea-Born (Norwegian Seaweed Meal) Special Fine Grind

**SEACOAST PRODUCTS, INC., Ft. Miles Road, Lewes, Delaware**

- Smith's Lifeline Brand Fish Meal Preserved with (Food Grade) Butylated-Hydroxy-Toluene

**JOSEPH E. SEAGRAM & SONS, INC., 375 Park Ave., New York, N. Y.**

- Seagram's Corn Distillers Dried Grains 24%
- Seagram's Corn Distillers Dried Grains 26%
- Seagram's Corn Distillers Dried Solubles

**SEYMOUR GRAIN & COAL CO., 100 Main St., Seymour, Conn.**

- Hi-Q 16% Dairy
- Miracle 14% Calf Grower
- Miracle Dairy 16%
- Miracle Fitting Ration
- Miracle Hi-Efficiency Grower
- Miracle Hi-Energy All Mash Layer
- Miracle Horse Feed

## SEYMOUR GRAIN &amp; COAL CO., 100 Main St., Seymour, Conn. -Cont.

Miracle 20% Laying Mash  
Miracle Scratch Feed  
Pasture Mix  
See-More Milk Dairy Ration  
See-More Milk Dairy Ration

## THE SHERWIN-WILLIAMS CO., 101 Prospect Ave., N. W. Cleveland, Ohio

Sherwin-Williams 34% Linseed Oil Meal (Solvent Extracted)  
Sherwin-Williams 44% Protein Soybean Oil Meal (Solvent Extracted)

## SHERWOOD FEED MILLS, INC., Baltimore, Maryland

Sherwood Brewer's Dried Grains

## SOUTHERN FRUIT DISTRIBUTORS, INC., Orlando, Florida

Bluebird Citrus Pulp

## A. E. STALEY MFG. CO., Decatur, Illinois

Hi-Pro-Con 50% Protein Dehulled Solvent Extracted Soybean Meal  
44% Protein Solvent Extracted Staley's <sup>R</sup>Soybean Meal  
Rockland Guinea Pig Diet  
Rockland Rabbit Ration (A Complete Ration)  
"Staley's" 21% Corn Gluten Feed

## F. W. STOCK &amp; SONS, INC., Hillsdale, Michigan

Stock's Wheat Bran  
Stock's Wheat Middlings

## SUNI-CITRUS PRODUCTS CO., Haines City, Florida

Registered by Cocks & Co., Atlanta 3, Ga.  
Sweet Suni-Citrus Pulp

## SUNSHINE BISCUITS, INC., Milling Div., Grafton, Ohio

UMC Wheat Bran - Pure Wheat Bran  
UMC Wheat Middlings (with Ground Screenings not exceeding Mill Run)

## SWIFT &amp; CO., P. O. Box 110, Fosteria, Ohio

Swift's 44% Protein Solvent Extracted Soybean Meal  
Swift's 41% Solvent Prime Quality Solvent Extracted Cottonseed Meal or Pellets  
Swift's Super Soy - 50% Protein Dehulled Solvent Extracted Soybean Meal

## THE T. H. TAYLOR CO., LTD., Chatham, Ontario, Canada

Beaver Wheat Bran

TRI ASSOCIATES, INC., 8500 Pillsbury Ave., So., Minneapolis,  
Minnesota

(See also Vitamin Carriers)

M. R. 50 Brand Milk Replacer

Tri's Grade A Brand Milk Replacer

TROPICANA PRODUCTS, INC., Bradenton, Florida

Tropicana's Sweetest Dried Citrus Pulp

ULTRA-LIFE LABORATORIES, INC., East St. Louis, Illinois

34% Protein Solvent Extracted Linseed Oil Meal

Ultra-Life Beef Gro

Ultra-Life Calf Food Pellets Medicated

Ultra-Life Freshertone

Ultra-Life High Energy Poultry

Ultra-Life Livestock

UNITED CO-OPERATIVE FARMERS, INC., 339 Broad Street,  
Fitchburg, Mass.

Co-Op 16%

UCF Booster - 100 Medicated

UCF Booster NF 100 Medicated

UCF Calf Starter

UCF 16% Dairy

UCF 18% Dairy

UCF 20% Dairy

UCF Fitting Ration

UCF Grower

UCF Hi NRG All Mash Breeder

UCF Hi NRG All Mash Grower

UCF Hi NRG All Mash Grower Medicated

UCF Hi NRG All Mash Layer

UCF Hi NRG Broiler Finisher

UCF Hi NRG Broiler Finisher Medicated

UCF Hi NRG Broiler Starter Medicated

UCF Hi NRG Starter Medicated, SQ

UCF Hi NRG Starter Medicated, Zoalene

UCF Horse Feed

UCF Layer

UCF Medicated Booster 200

UCF Medicated Booster NF 200

UCF Medicated HI-PO 200

UCF Milk Replacer

UCF Pig and Hog Feed

UCF Sheep Creep Ration Pellets Aureomycin

UCF Succulent Dairy

U. S. INDUSTRIAL CHEMICALS CO., Div. of National Distillers &  
Chemical Corp., 99 Park Ave., New York 16, N. Y.

Morea Liquid Feed Pre-Mix No. 875

## UNITY FEEDS INC., 177 Milk St., Boston, Mass.

Unity Dairy and Fitting Ration  
 Unity Growing and Laying Mash  
 Unity High Energy Breeder Mash  
 Unity High Energy Laying Mash  
 Unity 16% Milklets  
 Unity Pig and Hog Ration  
 Unity Super Starter Medicated  
 Unity Trim Medicated  
 Unity Turkey and Game Bird Growing Mash

UNIVERSAL GRAIN CO. OF NEW JERSEY, 425 South Street,  
Newark, New Jersey

Superior Cow Brand Brewers Dried Grains

## GEORGE URBAN MILLING CO., 332 N. Oak St., Buffalo 3, N. Y.

Wheat Middlings with Gr. Screenings not exceeding Mill Run

## HIRAM WALKER &amp; SONS, INC., Peoria, Illinois

Corn Distillers Dried Grains with Solubles

## WM. S. WARREN &amp; SON, Eastford, Conn.

Harco Milk Replacer for Young Calves (Mfg. by Harper Feed  
 Mills, Inc., Washington, Pa.)  
 Warren's Calf Starter  
 Warren's Complete Growing Mash  
 Warren's Complete Laying Mash  
 Warren's Dairy Fitting Ration  
 Warren's Dairy Pellets (No. 1)  
 Warren's 16% Dairy Pellets (No. 2)  
 Warren's 20% Dairy Pellets (No. 1)  
 Warren's 16% Dairy Ration  
 Warren's 16 Dairy Ration  
 Warren's 20% Laying Mash  
 Warren's Milk Maker 15 Dairy Ration  
 Warren's Royal 16  
 Warren's Test Cow 16 (with Pellets)  
 Warren's Test Cow 20 (with Pellets)  
 Warren's Test Cow 16% Dairy (with Pellets)

## WATERTOWN CO-OP. ASSN., INC., Watertown, Conn.

Watertown Co-Op Assn. 16% Dairy Feed

## H. K. WEBSTER COMPANY, Lawrence, Mass.

Blue Seal All-Mash Breeder's Ration  
 Blue Seal All-Mash Egg Ration Medicated  
 Blue Seal All-Mash Grow and Lay  
 Blue Seal All-Mash Grow and Lay SQ Medicated  
 Blue Seal All-Mash Growing Ration Medicated  
 Blue Seal All-Mash Growing Ration SQ Medicated  
 Blue Seal All-Mash Pullet Framer

## H. K. WEBSTER COMPANY, Lawrence, Mass. - Cont.

Blue Seal C-4 Broiler Medicated  
 Blue Seal Calf Starter  
 Blue Seal Chick Feed  
 Blue Seal Chick Starter Medicated  
 Blue Seal Coarse 16 Dairy Ration  
 Blue Seal Coarse 20 Dairy Ration  
 Blue Seal Dairy Nuggets  
 Blue Seal Egg Mash  
 Blue Seal Fat and Finish Ration Pellets  
 Blue Seal G-5 Finisher Medicated  
 Blue Seal Fitting Ration  
 Blue Seal 770 Grower  
 Blue Seal 770 Grower SQ Med,  
 Blue Seal Horse Feed  
 Blue Seal 880 Layer  
 Blue Seal Medicated CW-Mix Medicated  
 Blue Seal Medicated NF-Mix  
 Blue Seal Medicated Oro-Chick P/F  
 Blue Seal Medicated Oro-Mix  
 Blue Seal Medicated SQ-Mix  
 Blue Seal Milk Replacer  
 Blue Seal Milkers' Sixteen  
 Blue Seal Milkers' Twenty (Pellets)  
 Blue Seal Pig Feed Medicated  
 Blue Seal Poultry and Turkey Fitting  
 Blue Seal Poultry Wormer  
 Blue Seal Producer's Grow and Lay  
 Blue Seal Rabbit Pellets Medicated  
 Blue Seal Standard "16" Dairy Ration  
 Blue Seal Standard "20" Dairy Ration  
 Blue Seal Standard "14" Fitting Ration  
 Blue Seal Succulent Feed and Calving Ration  
 Blue Seal Super Breeder's Mash  
 Blue Seal Super Breeder's Mash Medicated  
 Blue Seal Test Ration  
 Blue Seal Turkey Growing (Pellets)  
 Blue Seal Turkey Growing Medicated

## WEST-NESBITT, INC., Oneonta, New York

All Pure Milk Ration  
 Cream Line Dairy Test Ration  
 Cream Line 16% Pellets  
 Pure Feed Broiler Starter Medicated  
 Pure Feed Calf Grower  
 Pure Feed Complete Grower  
 Pure Feed Complete Layer  
 Pure Feed Complete Rabbit Pellets  
 Pure Feed 16% Dairy Ration  
 Pure Feed Dairy Test Ration  
 Pure Feed Egg and Breeder  
 Pure Feed Egg Maker  
 Pure Feed 14% Fitting Ration  
 Pure Feed Grower

## WEST-NESBITT, INC., Oneonta, New York - Cont.

Pure Feed Horse Ration  
 Pure Feed Starter Medicated  
 Pure Feed Sweet "16"  
 Pure Feed Swine Ration  
 Pure Feed Turkey Finisher  
 Pure Feed Turkey Grower  
 Pure Feed Turkey Starter Medicated  
 West-Nesbitt Milk Replacer

## A. C. WETHERELL, Suffield, Conn.

Special No. 3 Dairy Ration

THE GEO. WIEDEMANN BREWING CO., 601 Columbia Street,  
Newport, Kentucky

Brewers Dried Grain

## WILSON'S CORN PRODUCTS, INC., East 4th St., Rochester, Ind.

Wilson's Hominy Feed

## WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass.

(See also Vitamin Carriers)

Apex 16% Dairy Feed  
 Producer All Pellet 16 Dairy Feed  
 Red Seal All Pellet 16% Dairy Feed  
 Rex Wheat Bran  
 Rex Wheat Standard Middlings  
 Wirthmore All Pellet 16% Dairy Feed  
 Wirthmore All Pellet 20% Dairy Feed  
 Wirthmore Baby Chick Scratch  
 Wirthmore Big W All Pellet 16 Dairy Feed  
 Wirthmore Big W All Pellet 20 Dairy Feed  
 Wirthmore Big W 16 Dairy Feed  
 Wirthmore Big W 20 Dairy Feed  
 Wirthmore Big W Silage Preservative  
 Wirthmore Breeder Mash  
 Wirthmore Cage Layer Medicated  
 Wirthmore Calf Starter  
 Wirthmore Calving Feed  
 Wirthmore Chick Starter  
 Wirthmore Chick Starter 400 Medicated  
 Wirthmore Chick Starter 417 Medicated  
 Wirthmore Coarse Test Dairy Feed  
 Wirthmore Coccidiosis Treatment Ration 411  
 Wirthmore Commercial Grower Layer  
 Wirthmore Commercial Hi-Ener-G Breeder Medicated  
 Wirthmore Commercial Hi-Ener-G Broiler Ration  
 Wirthmore Commercial Hi-Ener-G Broiler Ration A608, Med.  
 Wirthmore Commercial Hi-Ener-G Broiler Ration 613 Med.  
 Wirthmore Commercial High Calorie Broiler Starter 610 Med.

## WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass. - Cont.

- Wirthmore Commercial High Calorie Broiler Starter A607 Med.
- Wirthmore Complete Breeder
- Wirthmore Complete Egg Ration
- Wirthmore Complete Egg Ration Medicated
- Wirthmore Complete Growing Ration
- Wirthmore Complete Growing Ration Medicated
- Wirthmore Complete Turkey Breeder Ration
- Wirthmore Complete Turkey Fattening Ration
- Wirthmore Complete Turkey Fattening Ration (Pellets)
- Wirthmore Complete Turkey Growing Ration
- Wirthmore Complete Turkey Growing (Pellets) Ration 442 Med.
- Wirthmore 14 Dairy Feed
- Wirthmore 16 Dairy Feed
- Wirthmore 20 Dairy Feed
- Wirthmore 36% Dairy Mixing Feed
- Wirthmore 30 Dairy Supplement
- Wirthmore 32 Dairy Supplement
- Wirthmore FW Complete Growing Ration
- Wirthmore FW Complete Growing Ration 407 Medicated
- Wirthmore Finisher Med. with .007% Dienestrol Diacetate
- Wirthmore Fodder Greens 9%
- Wirthmore Fodder Greens 10%
- Wirthmore Game Bird Grower Ration
- Wirthmore Game Bird Starter Medicated
- Wirthmore Grow and Egg Mash
- Wirthmore Grow and Egg Mash 415 Medicated
- Wirthmore 14 Hi-Cal Pellets Dairy Feed
- Wirthmore 16 Hi-Cal Pellets Dairy Feed
- Wirthmore 18 Hi-Cal Pellets Dairy Feed
- Wirthmore Hi-Ener-G 16
- Wirthmore Hi-Ener-G Breeder Medicated
- Wirthmore Hi-Ener-G Layer
- Wirthmore Hi-Ener-G Layer Medicated
- Wirthmore Hog Grower
- Wirthmore Horse Feed
- Wirthmore Improved Hi-Ener-G Broiler Ration 414
- Wirthmore Improved Hi-Ener-G Broiler Ration A434 Med.
- Wirthmore Improved Hi-Ener-G Starter and Broiler Ration
- Wirthmore Meatless Mink Food
- Wirthmore Medicated 200
- Wirthmore Medicated Ketrol
- Wirthmore Medicated Pig Zip for Swine only
- Wirthmore Medicated Quick Perk
- Wirthmore Medicated Quickies
- Wirthmore Medicated Treat 431
- Wirthmore Medicated Turk-E-Perk
- Wirthmore Milk Miser
- Wirthmore Mink Food
- Wirthmore New Hope Complete Horse Feed
- Wirthmore New Hope Horse Feed
- Wirthmore O. P. M. Scratch
- Wirthmore Pig and Sow Feed
- Wirthmore Pig Zip Medicated



## WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass. - Cont.

Wirthmore 36% Poultry Concentrate  
 Wirthmore Poultry Fitting  
 Wirthmore Poultry Wormer  
 Wirthmore Rabbit Pellets  
 Wirthmore Rabbit Pellets Medicated  
 Wirthmore 16 Record Dairy Feed  
 Wirthmore 18 Record Dairy Feed  
 Wirthmore 14 Record Fitting Feed  
 Wirthmore Roaster Finisher  
 Wirthmore Roaster Finisher Medicated  
 Wirthmore Roaster Finisher A436 Medicated  
 Wirthmore Roaster Finisher LP  
 Wirthmore Roaster Finisher LP 423 Medicated  
 Wirthmore Roaster Finisher LP A 440 Medicated  
 Wirthmore Scratch  
 Wirthmore Squab Broiler Z 450 Medicated  
 Wirthmore Stock Primer  
 Wirthmore Super Pellets  
 Wirthmore Turkey Breeder Developer  
 Wirthmore Turkey Breeder Developer Medicated  
 Wirthmore Turkey Growing Ration  
 Wirthmore Turkey Growing Ration Medicated  
 Wirthmore Turkey Starter Medicated  
 Wirthmore Twin Mix Calf Feed  
 Wirthmore 16 Ultra-Cal Pellets Dairy Feed

## THE YANTIC GRAIN &amp; PRODUCTS CO., 3 Cove St., Norwich, Conn.

(See also Vitamin Carriers)

Big Y Calf and Beef Ration  
 Big Y Calf Starter and Builder  
 Big Y Calving Ration  
 Big Y Chick Scratch Grain  
 Big Y Chlortetracycline Aureomycin Mixture  
 Big Y Complete Grower Layer Mash  
 Big Y Confinement Growing Mash  
 Big Y Controlled Growing Ration  
 Big Y Dairy and Fitting Ration (Coarse)  
 Big Y 16% Dairy Ration  
 Big Y 18% Dairy Ration  
 Big Y 20% Dairy Ration  
 Big Y Dairy Ration Hi-G  
 Big Y Dairy Ration 14 Purity No. Filler (Coarse)  
 Big Y Dairy Ration 16 Purity  
 Big Y Dairy Supplement 32%  
 Big Y Energized 16 Dairy Feed  
 Big Y Extra Production Laying Mash Medicated  
 Big Y Extra Production Laying Mash Medicated FZ  
 Big Y Fitting Ration  
 Big Y Hi-Efficiency Grower  
 Big Y High Efficiency Grower Medicated  
 Big Y Hi-Efficiency Laying Mash  
 Big Y Hi-Efficiency Laying Mash 12000 Vit. A

## THE YANTIC GRAIN &amp; PRODUCTS CO., 3 Cove St., Norwich, Conn.-Cont.

- Big Y Hi-G Scratch Feed
- Big Y Histostat Mixture Mixed with Big Y Turkey Fattener
- Big Y Histostat Mixture Mixed with Big Y Turkey Growing Feed (Pellets)
- Big Y Hog and Pig Ration
- Big Y Horse Feed
- Big Y Improved Al-Mo
- Big Y Improved Broiler and Starter Ration Medicated
- Big Y Improved Broiler Finisher
- Big Y Improved Broiler Finisher Medicated
- Big Y Improved Broiler Finisher Medicated with Nicarbazine
- Big Y Improved Broiler Ration Med.
- Big Y Improved Turkey Starter and Game Bird Feed
- Big Y Improved Turkey Starter Medicated
- Big Y Intermediate Chick Grain
- Big Y 20% Laying Mash
- Big Y 20% Laying Mash (NF 180)
- Big Y M & O Growing Feed
- Big Y Peerless Broiler and Starter Ration
- Big Y Peerless Broiler Ration Medicated
- Big Y Poultry Fitting Ration
- Big Y Powerhouse Crumbles Medicated
- Big Y Pre-Starter Medicated
- Big Y Pre-Starter Medicated with Nicarbazine
- Big Y Rabbit Pellets
- Big Y Rabbit Pellets SQ Medicated
- Big Y Scratch Feed
- Big Y Sheep and Goat Feed
- Big Y Station Fattener Pellets
- Big Y Stock Feed
- Big Y Super Broiler and Starter Ration Medicated
- Big Y Super Starter and Broiler Ration
- Big Y Super Starter Ration Medicated
- Big Y Supreme Laying Mash
- Big Y Supreme Laying Mash (Contains NF-180)
- Big Y Test Cow Ration
- Big Y Turkey Fattener (Pellets)
- Big Y Turkey Growing Feed (Pellets)
- Big Y Worming Mash

## YIELDMOR FEEDS, INC., Piqua, Ohio

- David Small's Broiler Feed Medicated
- David Small's Chick Starter
- David Small's Finisher Pellets
- David Small's Finishing Feed Medicated
- David Small's Hi-Energy Layer Grower Mash
- David Small's Hi-Energy Breeder
- David Small's Sex Link Layer Mash
- Yieldmor Broiler Booster Medicated
- Yieldmor Chick Starter
- Yieldmor 16% Growing Mash
- Yieldmor 16% Growing Mash Medicated
- Yieldmor Hi-Energy Layer Grower Mash

## YIELDMOR FEEDS, INC., Piqua, Ohio - Cont.

- Yieldmor High Efficiency All Mash Breeder
- Yieldmor 24% Super Broiler Medicated, Amprolium
- Yieldmor 24% Super Broiler Medicated, FZ
- Yieldmor 24% Super Broiler Medicated, Nicarbazin
- Yieldmor Super Finisher Pellets Medicated
- Yieldmor Super Finisher Pellets Medicated, Nicarbazin

## MEYER ZAUSNER INC., New Holland, Pa.

- Zausner Condensed Whole Whey

## VITAMIN CARRIERS

## BEACON MILLING CO., Cayuga, New York

(See also Feeds)

- Be-Co-Nurse Milk Replacer

## COMMERCIAL SOLVENTS CORP., 260 Madison Ave., N. Y. 16, N. Y.

(See also Feeds)

- B-Y-21 Riboflavin Supplement

## DARI-DRI CO., Div. of Milk Specialties Inc., Dundee, Ill.

- Dari-Dri Baby Calf Formula Animal Feed

## DAWE'S LABORATORIES, INC., 4800 S. Richmond St., Chicago, Ill.

(See also Feeds)

- Dawe's Fermentation Flavonne No. 1
- Special Broiler Mix No. 571-D File No. 2436-A Medicated

## DAWNWOOD FARMS, Amenia, New York

(See also Feeds)

- Dawnwood Farms Caf-Star (Formula Feed for Calves) 25%
- Dawnwood Farms Caf-Star (Formula Feed for Calves) 26%
- Dawnwood Farms Hi Pat Milk Replacer Caf-Star (Formula Feed for Calves)

## EASTERN STATES FARMERS' EXCHANGE, Inc., 26 Central St., W. Springfield, Mass.

(See also Feeds)

- Calfsaver Tablets

## THE RAY EWING CO., 2690 E. Foothill Blvd., Pasadena, Calif.

(See also Feeds)

- All Purpose Pre-Mix

## THE FOX COMPANY, Newfield, New Jersey

(See also Feeds)

Foxco D-Activated Animal Sterol  
Foxco Qualadee A & D Feeding Oil  
Foxco Vitamin Supplement 2-4-9-C

## H. P. HOOD &amp; SONS INC., 300 Rutherford Ave., Boston 29, Mass.

(See also Feeds)

Pep-Lac  
Whey-Lac Poultry Feed

KRAFT FOODS, Div. National Dairy Products Corp., 99 Park Ave.,  
New York, N. Y.

(See also Feeds)

Kaff-A Booster Pellets  
Kaff-A Milk Replacer for Calves Medicated  
Pex Condensed for Poultry  
Pex - High Lay Pellets for Layers and Breeders  
Pex Self Feeder Block for Broilers  
Pex Self Feeder Block for Layers and Breeders  
Pex Self Feeder Block for Poultry

## MARINE PRODUCTS CO., 339 W. First St., Boston 27, Mass.

Vitamin A & D Feeding Oil

## MERCK &amp; CO., INC., Chemical Div., Rahway, New Jersey

(See also Feeds)

No. 659 Vitamin Mixture  
No. 1061 Feed Supplement

## MYZON LABORATORIES, 3129 W. 47th St., Chicago 32, Ill.

(See also Feeds)

Myzon Calf Builder  
Myzon Poultry Builder

NATIONAL VITAMIN PRODUCTS CO., 3401 Hiawatha Ave., So.  
Minneapolis, Minn.

(See also Feeds)

Calvita (Trade Mark Reg.) Calf Formula

## NOPCO CHEMICAL CO., 60 Park Place, Newark, N. J.

(See also Feeds)

Capstress  
Niacin 50%  
Nop-Cap, Special  
Nopco-Pak Hi-Lay Premix  
Nopco-Pak Super Premix Medicated  
Nopdex "3000"

CHAS. PFIZER & CO., INC., 630 Flushing Ave., Brooklyn, N. Y.

6 / Vitamin  
High Lay Premix  
Pfizer R-4 Riboflavin Supplement  
Triple-Biotic Mix

STABILIZED VITAMINS, INC., 142 Monroe St., Garfield, N. J.

Perma-D-3000  
Perma-Mix C. C. C. No. 1  
Perma-Mix C. C. C. No. 2  
Perma-Mix C. C. C. No. 3  
Perma-Mix C. C. C. No. 4 Broilers

STANDARD BRANDS INC., Special Products Div., Agricultural Dept.  
625 Madison Ave., New York 22, N. Y.

Fleischmann's FIDY Type 142-F Irradiated Dry Yeast

TRI ASSOCIATES, INC., 8500 Pillsbury Ave. So., Minneapolis, Minn.

(See also Feeds)

M. R. 50 Brand Milk Replacer  
Tri's Grade A Brand Milk Replacer

VITARON CHEMICAL MFG. CO., INC., 142 Monroe St., Garfield,  
New Jersey

Vitaron Vitamin A and D Feeding Oil

WHITMOYER LABORATORIES, INC., Myerstown, Pa.

Derby All Purpose Premix  
Flav-A-Dee  
Machnicki Premix No. 2  
Machnicki Premix No. 2A  
Machnicki Vitamin Premix  
Whitmoyer 150D - 1500A Pure Cod Liver Oil

WIRTHMORE FEEDS, INC., 343 Winter St., Waltham, Mass.

(See also Feeds)

Wirthmore Milk Food

In the calendar year 1961, a total of 1,589 samples - 124 more than the previous year - was examined. This total included official samples of commercial feeds, carriers of vitamin D and other vitamins, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	182
Check feeds, A. A. F. C. O.	12
Commercial feeding stuffs, official samples	730
Miscellaneous feeds, etc., analyzed for purchasers	142
Pasture grass and feedstuffs for Storrs Station	447
Vitamin carriers	76
	<u>1,589</u>

Samples examined for Storrs Station are in connection with investigations carried on by that Station and are not discussed in this report.

#### Commercial Feeding Stuffs

Results of our analyses of the official samples can be summarized as follows:

Total number of samples		730
Samples deficient in:		
one item	90	
two items	4	94
Percentage of samples meeting guaranties		87
Total guaranties made		2,329 <sup>1</sup>
Guaranties not met:		
protein	31	
fat	50	
fiber	3	
amprellium	1	
arsanilic acid	5	
copper sulphate	1	
furasolidone	3	
Nicarbazin	1	
Phenothiazine	2	
p-ureidobenzeneearsonic acid	1	98
Percentage of guaranties met		96

The proportion of samples meeting all guaranties was slightly lower than in 1960 (87 as against 88 per cent), but the overall percentage of satisfactory guaranties was identical for the two years. The most satisfactory change was the improvement with regard to drugs: There were only 14 drug deficiencies in 1961 as against 31 in 1960.

<sup>1</sup> Four samples with six guaranties, 16 with five guaranties, 107 with four guaranties, 597 with three guaranties, one with two guaranties, four with one guaranty, and one with no guaranty (guaranties for undetermined medicants not included).

Analyses are given in Table 1; deficiencies are shown by wavy underlining (      ). Tolerances used were 0.75 per cent for protein and fiber, 0.25 per cent for fat, and  $\pm$  20 per cent of guaranty for drugs.

#### Vitamin Carriers

Fifty-eight samples of vitamin D carriers were assayed for this vitamin by official methods, using day-old White Leghorn chicks for poultry feed supplements and white rats of the Osborne-Mendel strain for supplements for four-footed animals. Twenty-four of these samples also guaranteed and were tested for two or three additional vitamins (riboflavin and niacin, with or without calcium pantothenate), and results for these vitamins are included in Table 2 under the respective samples. This table also lists 18 samples that were not assayed for vitamin D but whose guaranties for one to four other vitamins were checked by microbiological methods.

All except four of the vitamin D samples fully met their guaranties for this vitamin - a passing ratio of 93 per cent.

On the basis of a  $\pm$  20 per cent tolerance, the numbers of samples containing either too little or too much of the other vitamins were as follows:

<u>Deficient in</u>	<u>No. of samples</u>
Calcium pantothenate, niacin, riboflavin and thiamine	1
Calcium pantothenate, niacin and riboflavin	1
Niacin, riboflavin and thiamine	1
Calcium pantothenate and niacin	2
Calcium pantothenate and riboflavin	3
Niacin and thiamine	1
Calcium pantothenate	1
Riboflavin	1
	<hr style="width: 100px; margin: 0 auto;"/> 8 18

Of the total of 76 samples, 55, or 72 per cent, met all guaranties.

#### Miscellaneous Feeds

One hundred and forty-two unofficial samples of feed and fodder materials were examined. This total included commercial mixed feeds and feed ingredients submitted by dealers and consumers, samples of hay and silage whose analysis was requested by farmers, and miscellaneous materials suspected of having been poisoned. A check analysis of one feed was run at the request of the Massachusetts Agricultural Experiment Station, and one sample of a commercial test cow ration was analyzed for the State Supervisor of Purchases.

Several samples were submitted because they were suspected of having caused illnesses or deaths of animals, but nothing deleterious was found in any commercial feed. One sample of silage did contain cyanide, a sample of hay contained an excessive proportion of nitrate (equivalent to 1.37 per cent of potassium nitrate), some grain suspected of being a rodent bait contained 50 parts per million of barium, and a trace of cyanide was found in a hamburg bait.



Twenty-three samples of grass and hay analyzed for DDT for farmers showed minor proportions of this insecticide, ranging from none to 8.6 parts per million and averaging 1.7 p. p. m.; two of these samples also contained an average of 46 p. p. m. of methoxychlor. One sample of corn from a field that had been dusted with DDT was also analyzed for this insecticide at the request of the owner to see if it would be safe to ensile it and feed it to steers. Analysis showed only 3.8 parts per million of DDT, which is within the permitted limit for forage for non-dairy animals.

#### Biological Specimens Examined for Poisons

One hundred and eighty-two biological specimens (of which the great majority came from veterinarians) were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 66 of them, poisonous substances were found in sufficient quantity to suggest possible causes of illness or death.

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Antimony (1); arsenic (1); arsenic with barium (1); arsenic with lead (lead arsenate) (2); barium (2); barium with cadmium and zinc (1); boron (boric acid) (1); boron with mercury and zinc (1); chlordane (1); chromium (1); chromium with lead (1); chromium with mercury (1); cyanide (5); cyanide with lead (2); DDT (14); dieldrin (3); lead (13); lead with zinc (1); mercury (6); mercury with zinc (1); nitrate (1); parathion (1); phosphorus (1); strychnine (1) and thallium (3). As usual, lead was the predominant poison, with 19 cases.

It should be noted that 11 of the 14 DDT cases listed above represented earthworms from experimentally sprayed plots analyzed for Dr. C. C. Doane of our Entomology Department; the only cases of accidental DDT poisoning found during 1961 were one lot of brook trout (57 parts per million of DDT), some polliwogs (8 micrograms DDT per polliwog), and one bird (whose viscera contained 9.3 p. p. m. of the DDT metabolic product DDE and 0.4 p. p. m. of unconverted DDT). The chlordane case was that of a kitten (2.6 p. p. m. in the liver, more than 16 p. p. m. in the kidney); the three dieldrin cases were bees (2-5 p. p. m.); the parathion was found in a pig (27 p. p. m. in the liver); and the strychnine case was that of a dog. Of the three thallium cases, two were dogs, while the third (non-fatal) one was that of a small girl who had eaten some of the blue-dyed thallium-impregnated peanuts sold as a mole poison under the name of "Mo-Go"; her urine was found to contain 0.027 part per million of thallium.

#### Check Feeds

Twelve feeds were analyzed in the check feed program sponsored by the Association of American Feed Control Officials.



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25)	
			Guaranteed not less than	Found
	ACME-EVANS CO., INC. Indianapolis, Indiana			
4951	Acme Wheat Bran	12.32	14.00	14.00
3205	Acme Wheat Middlings with Ground Wheat Screenings	11.64	14.00	16.13
5308	Acme Yellow Hominy Feed	11.61	9.00	10.00
	ALBERS MILLING CO., Div. of Carnation Co., Los Angeles 36, Calif.			
5405	Albers Calf Manna	9.86	25.00	25.25
5302	Albers Rabbit Breeder Paks	9.74	15.00	16.50
4637	Albers Rabbit Family Ration	10.34	18.00	19.00
4636	Albers Spur	10.47	25.00	26.25
4702	Albers Suckle	6.43	24.00	25.50
	AMERICAN CRYSTAL SUGAR CO. E. Grand Forks, Minn.			
5366	Plain Dried Beet Pulp	10.15	8.50	8.63
	AMERICAN CYANAMID CO., Agri- cultural Div., N. Y. 20, N. Y.			
4653	Cyrea Urea Feed Compound		262.00	271.00
	AMERICAN FEED CO. New York 53, N. Y.			
5389	AFCO Wafer Meal	7.36	10.00	10.00
	AMERICAN MAIZE-PRODUCTS CO., Roby, Indiana			
5407	Cream of Corn Gluten Feed	11.00	21.00	21.75
	ANHEUSER-BUSCH, INC. St. Louis, Mo.			
4703	Brewers' Dried Grains	9.43	26.00	30.25
	ARCHER-DANIELS-MIDLAND CO. Minneapolis 2, Minn.			
5266	Archer Quality 34% Protein Linseed Oil Meal	11.24	34.00	36.50

~~~~~ indicates deficiencies

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| Fat                      |       | Fiber                    |       | Medicants |
|--------------------------|-------|--------------------------|-------|-----------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |           |
| 3.00                     | 3.51  | 9.50                     | 9.05  |           |
| 3.00                     | 4.19  | 9.50                     | 8.17  |           |
| 7.00                     | 8.07  | 6.00                     | 3.55  |           |
| 3.00                     | 2.90  | 6.00                     | 5.25  |           |
| 2.00                     | 1.69  | 22.00                    | 20.42 |           |
| 2.50                     | 2.54  | 16.00                    | 15.48 |           |
| 2.00                     | 2.48  | 13.00                    | 9.40  |           |
| 5.00                     | 7.37  | 0.50                     | 0.29  |           |
| 0.30                     | 0.36  | 22.00                    | 17.85 |           |
| 8.50                     | 10.25 | 2.00                     | 0.92  |           |
| 2.00                     | 2.66  | 9.50                     | 4.16  |           |
| 6.00                     | 6.06  | 17.00                    | 10.24 |           |
| 0.50                     | 1.90  | 10.00                    | 8.92  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                          | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|---------------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                                 |          | Guaranteed not less than | Found |
| 5421        | ATLANTIC PROCESSING CO.<br>Amagansett, N. Y.<br>Smith's Life Line Fish Meal     | 7.51     | 60.00                    | 64.75 |
| 5518        | B & W CANNING CO., INC.,<br>Groveland, Florida<br>B'n W Brand Dried Citrus Pulp | 4.09     | 6.00                     | 6.50  |
| 5310        | THE BEACON MILLING CO.,<br>Cayuga, N. Y.<br>Beacon Balancer Pellets             | 9.71     | 20.00                    | 20.00 |
| 5719        | Beacon Broiler Finisher NCA,<br>Medicated                                       | 11.49    | 20.00                    | 20.50 |
| 5744        | Beacon Broiler Finisher UN3,<br>Medicated                                       | 11.66    | 20.00                    | 20.00 |
| 5395        | Beacon Calf Grow                                                                | 11.15    | 17.00                    | 17.50 |
| 5568        | Beacon "15" Coarse Test Cow<br>Ration                                           | 11.56    | 15.00                    | 15.25 |
| 5320        | Beacon Complete Rabbit Pellets                                                  | 9.45     | 17.00                    | 17.00 |
| 5723        | Beacon Complete Starter NC Med.                                                 | 11.91    | 22.00                    | 21.75 |
| 4643        | Beacon Dairy Fitting                                                            | 12.16    | 14.00                    | 14.00 |
| 5370        | Beacon Duck Breeder                                                             | 10.29    | 17.00                    | 18.75 |
| 5394        | Beacon Duck Starter                                                             | 10.76    | 18.00                    | 18.00 |
| 5664        | Beacon Egg Check A Medicated                                                    | 10.66    | 15.00                    | 15.00 |
| 5700        | Beacon Egg Check A Medicated                                                    | 11.04    | 15.00                    | 15.00 |
| 4763        | Beacon "22" Egg Mash                                                            | 11.19    | 22.00                    | 22.75 |
| 5471        | Beacon Goat Ration                                                              | 11.30    | 16.00                    | 17.00 |
| 5397        | Beacon Grower All-Mash                                                          | 11.42    | 16.00                    | 16.25 |
| 5722        | Beacon Grower All-Mash NC Med.                                                  | 11.71    | 16.00                    | 16.00 |
| 5399        | Beacon Hi-Energy Test Pel-ets                                                   | 10.91    | 16.00                    | 16.75 |
| 5311        | Beacon Horse Feed                                                               | 11.96    | 10.00                    | 10.75 |

~ indicates deficiencies

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| Fat                      |       | Fiber                    |       | Medicants                                                                                                                                                                                    |
|--------------------------|-------|--------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                                                                              |
| 5.00                     | 9.74  | 3.00                     | 0.00  |                                                                                                                                                                                              |
| 3.00                     | 1.84  | 13.00                    | 11.96 |                                                                                                                                                                                              |
| 3.00                     | 4.00  | 6.00                     | 4.29  |                                                                                                                                                                                              |
| 5.00                     | 6.00  | 4.00                     | 2.29  | Nicarbazin: Guar., 0.0125%; found, 0.0140%. Arsanilic acid: Guar., 0.009%; found, 0.0091%.                                                                                                   |
| 5.00                     | 5.93  | 4.00                     | 2.44  | Acetyl (para-nitrophenyl) sulfanilamide: Guar., 0.03%; found, 0.027%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found 0.0048%. 3,5-Dinitrobenzamide: Guar., 0.025%; found, 0.026%. |
| 3.00                     | 3.23  | 9.00                     | 6.85  |                                                                                                                                                                                              |
| 4.00                     | 4.19  | 8.00                     | 6.21  |                                                                                                                                                                                              |
| 3.50                     | 3.82  | 13.00                    | 11.54 |                                                                                                                                                                                              |
| 3.50                     | 3.79  | 5.00                     | 3.50  | Nicarbazin: Guar., 0.01%; found, 0.0112%.                                                                                                                                                    |
| 3.25                     | 3.37  | 9.00                     | 6.10  |                                                                                                                                                                                              |
| 3.00                     | 5.19  | 7.00                     | 5.39  |                                                                                                                                                                                              |
| 3.00                     | 3.62  | 6.50                     | 4.52  |                                                                                                                                                                                              |
| 2.50                     | 2.88  | 6.00                     | 3.09  | Arsanilic acid: Guar., 0.009%; found, 0.0095%.                                                                                                                                               |
| 2.50                     | 4.19  | 6.00                     | 3.21  | Arsanilic acid: Guar., 0.009%; found, 0.0103%.                                                                                                                                               |
| 3.50                     | 3.41  | 6.00                     | 3.56  |                                                                                                                                                                                              |
| 3.00                     | 3.40  | 10.00                    | 6.97  |                                                                                                                                                                                              |
| 3.50                     | 3.74  | 6.00                     | 4.95  |                                                                                                                                                                                              |
| 3.50                     | 3.89  | 6.00                     | 4.50  | Nicarbazin: Guar., 0.01%; found, 0.0116%.                                                                                                                                                    |
| 4.00                     | 4.11  | 7.00                     | 6.33  |                                                                                                                                                                                              |
| 3.00                     | 3.24  | 10.00                    | 6.27  |                                                                                                                                                                                              |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                       | Protein<br>(N x 6.25) |                                     |       |
|-------------|------------------------------------------------------------------------------|-----------------------|-------------------------------------|-------|
|             |                                                                              | Moist-<br>ure         | Guaran-<br>teed not<br>less<br>than | Found |
| 6090        | Beacon 0.01% Iodinated Casein<br>Mix with Beacon Duck Grower<br>Finisher     | 11.59                 | 15.50                               | 16.00 |
| 5665        | Beacon Market Egg All-Mash A<br>Medicated                                    | 10.71                 | 17.00                               | 17.00 |
| 5475        | Beacon Medicated Booster Pellets                                             | 10.08                 | 20.00                               | 21.50 |
| 5398        | Beacon Medicated Poultry Mix XCT                                             | 11.30                 | 20.00                               | 21.25 |
| 5463        | Beacon Milk Check "16" Dairy<br>Ration                                       | 11.94                 | 16.00                               | 17.75 |
| 5567        | Beacon Milk Check "18" Dairy<br>Ration                                       | 11.99                 | 18.00                               | 19.00 |
| 5396        | Beacon Milk Check "20" Dairy<br>Ration                                       | 12.12                 | 20.00                               | 21.50 |
| 5472        | Beacon Milk Check Fitting Ration                                             | 11.26                 | 14.00                               | 15.50 |
| 5961        | Beacon Sodium Propionate Pel-ets                                             | 11.26                 | 16.00                               | 16.00 |
| 5727        | Beacon Starter-Broiler NCA,Med.                                              | 11.07                 | 23.00                               | 24.00 |
| 4641        | Beacon Sweet "16" Dairy Ration                                               | 11.88                 | 16.00                               | 16.00 |
| 5367        | Beacon "18" Test Cow Ration                                                  | 12.04                 | 18.00                               | 18.00 |
| 5473        | Beacon Turkey Breeder All-Mash                                               | 10.84                 | 20.00                               | 20.50 |
| 5461        | Beacon Turkey Finisher All-Mash                                              | 10.84                 | 18.00                               | 17.00 |
| 4644        | Beacon "20" Turkey Grower                                                    | 11.68                 | 20.00                               | 20.00 |
| 5643        | Beacon Turkey Starter SQA Med.                                               | 10.67                 | 28.00                               | 27.75 |
| 5474        | Be-Co Grower                                                                 | 11.11                 | 14.00                               | 14.00 |
| 5368        | Be-Co Lass                                                                   | 13.26                 | 10.00                               | 10.00 |
| 5400        | Be-Co Nurse Milk Replacer<br>THE BERKMAN GRAIN CO.,<br>North Franklin, Conn. | 4.49                  | 24.00                               | 25.75 |
| 5509        | Nibco 18% Dairy Ration                                                       | 10.47                 | 18.00                               | 18.00 |
| 5510        | Nibco Fitting Ration                                                         | 11.71                 | 14.00                               | 14.75 |
| 5724        | Nibco Five Star Lo Color                                                     | 11.17                 | 16.00                               | 18.50 |
| 5732        | Nibco Five Star Roaster Feed<br>Crumbles                                     | 10.21                 | 16.00                               | 17.50 |

~ indicates deficiencies

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| Fat                      |             | Fiber                    |       | Medicants                                                                                       |
|--------------------------|-------------|--------------------------|-------|-------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |                                                                                                 |
| 2.75                     | 4.65        | 6.50                     | 4.81  |                                                                                                 |
| 3.50                     | 4.46        | 5.00                     | 2.38  | Arsanilic acid: Guar., 0.009%; found, 0.0095%.                                                  |
| 4.00                     | 4.29        | 9.00                     | 7.82  | Chlortetracycline hydrochloride: Guar., 0.10 gm/lb.; not determined.                            |
| 3.00                     | 3.71        | 5.75                     | 4.39  |                                                                                                 |
| 3.50                     | 4.32        | 9.00                     | 6.58  |                                                                                                 |
| 3.50                     | 3.65        | 9.00                     | 9.00  |                                                                                                 |
| 3.50                     | 3.74        | 9.00                     | 7.51  |                                                                                                 |
| 3.25                     | 3.57        | 10.00                    | 6.38  |                                                                                                 |
| 3.50                     | 3.78        | 8.00                     | 6.41  | Sodium Propionate: Guar., 2.5%; not determined.                                                 |
| 5.00                     | <u>4.47</u> | 4.00                     | 2.23  | Nicarbazin: Guar., 0.0125%; found, 0.0128%. Arsanilic acid: Guar., 0.009%; found, 0.0100%.      |
| 3.50                     | 3.74        | 8.50                     | 6.41  |                                                                                                 |
| 4.00                     | 4.10        | 8.50                     | 7.10  |                                                                                                 |
| 3.50                     | 4.96        | 5.75                     | 4.40  |                                                                                                 |
| 3.00                     | 4.09        | 5.50                     | 2.75  |                                                                                                 |
| 3.00                     | 3.69        | 5.50                     | 3.60  |                                                                                                 |
| 3.50                     | 3.86        | 4.00                     | 3.70  | Sulfaquinoxaline: Guar., 0.0175%; found, 0.0141%. Arsanilic acid: Guar., 0.009%; found 0.0097%. |
| 3.00                     | 3.49        | 8.00                     | 6.91  |                                                                                                 |
| 2.00                     | 2.25        | 12.00                    | 9.73  |                                                                                                 |
| 10.00                    | 11.00       | 0.25                     | 0.07  |                                                                                                 |
| 4.00                     | 4.64        | 8.00                     | 8.00  |                                                                                                 |
| 4.00                     | 4.97        | 8.00                     | 7.35  |                                                                                                 |
| 4.50                     | 5.11        | 3.50                     | 2.27  | Nicarbazin: Guar., 0.010%; found, 0.0110%.                                                      |
| 4.50                     | 6.89        | 3.00                     | 2.11  | Nicarbazin: Guar., 0.010%; found, 0.0102%.                                                      |

TABLE I. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                          | Moisture | Protein<br>(N x 6.25)    |              |
|-------------|-----------------------------------------------------------------|----------|--------------------------|--------------|
|             |                                                                 |          | Guaranteed not less than | Found        |
| 5733        | Nibco Five Star Roaster Feed Crumbles                           | 11.12    | 16.00                    | 17.25        |
| 5734        | Nibco Five Star Super Starter                                   | 11.15    | 25.00                    | 24.50        |
| 5511        | Nibco Five Star Weight Maker                                    | 10.61    | 22.00                    | 22.00        |
| 5745        | Nibco Five Star Weight Maker                                    | 11.55    | 22.00                    | 22.00        |
| 5731        | Nibco Five Star Weight Maker Med                                | 10.92    | 22.00                    | 22.25        |
| 4775        | Nibco Medicated Booster Feed                                    | 11.96    | 20.00                    | 21.50        |
| 4778        | Nibco Pullet Builder                                            | 11.25    | 15.50                    | 16.50        |
| 4774        | Nibco High Energy Layer                                         | 11.31    | 16.00                    | 16.00        |
| 5647        | Nibco Pullet Starter                                            | 11.56    | 20.00                    | <u>19.00</u> |
|             | BLATCHFORD CALF MEAL CO.,<br>Waukegan, Illinois                 |          |                          |              |
| 5350        | Blatchford's Calf Meal                                          | 4.84     | 24.00                    | 25.50        |
|             | THE BLOOMFIELD FARMERS'<br>EXCHANGE, INC.,<br>Bloomfield, Conn. |          |                          |              |
| 5152        | Bloomfield 16% Dairy Ration                                     | 11.76    | 16.00                    | 16.00        |
| 5159        | Bloomfield 16% Dairy Ration                                     | 11.82    | 16.00                    | 16.00        |
|             | BROOKLAWN GRAIN & FEED CO.,<br>Bridgeport, Conn.                |          |                          |              |
| 3223        | Brooklawn 16% Dairy Ration                                      | 11.76    | 16.00                    | 18.13        |
| 3222        | Brooklawn High Energy Layer                                     | 11.56    | 18.00                    | 18.50        |
| 3221        | Brooklawn Sweet Mix                                             | 12.04    | 16.00                    | 18.13        |

       indicates deficiencies

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| Fat                      |             | Fiber                    |       | Medicants                                                                                                                                                           |
|--------------------------|-------------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |                                                                                                                                                                     |
| 4.50                     | 6.02        | 3.00                     | 1.83  | Nicarbazin: Guar., 0.010%; found, 0.0118%. Dienestrol diacetate: Guar., 0.0023%; not determined.                                                                    |
| 7.00                     | 8.53        | 2.50                     | 2.00  | Nicarbazin: Guar., 0.010%; found, 0.0110%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0049%.                                                      |
| 6.00                     | 7.94        | 2.50                     | 1.95  |                                                                                                                                                                     |
| 6.00                     | 7.01        | 2.50                     | 1.70  | Nicarbazin: Guar., 0.010%; found, <u>0.0126%</u> . 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0046%.                                              |
| 6.00                     | 8.50        | 2.50                     | 1.95  | Nicarbazin: Guar., 0.010%; found, 0.0104%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0046%. Dienestrol diacetate: Guar., .0023%; not determined. |
| 3.00                     | 6.18        | 4.50                     | 2.59  | Oxytetracycline: Guar., 200gm per ton; not determined.                                                                                                              |
| 3.00                     | 3.54        | 6.00                     | 4.44  |                                                                                                                                                                     |
| 3.00                     | 5.00        | 4.00                     | 2.30  |                                                                                                                                                                     |
| 3.00                     | 5.57        | 4.00                     | 3.50  | Sulfaquinoxaline: Guar., 0.015% found, 0.0128%.                                                                                                                     |
| 2.00                     | 3.80        | 5.00                     | 4.27  |                                                                                                                                                                     |
| 3.50                     | 4.01        | 8.00                     | 6.67  |                                                                                                                                                                     |
| 3.50                     | 3.69        | 8.00                     | 5.01  |                                                                                                                                                                     |
| 4.00                     | <u>2.88</u> | 9.00                     | 5.43  |                                                                                                                                                                     |
| 4.00                     | <u>3.61</u> | 5.00                     | 4.71  |                                                                                                                                                                     |
| 3.50                     | <u>3.00</u> | 9.00                     | 5.87  |                                                                                                                                                                     |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                        | Moisture | Protein<br>(N x 6.25)    |              |
|-------------|-------------------------------------------------------------------------------|----------|--------------------------|--------------|
|             |                                                                               |          | Guaranteed not less than | Found        |
|             | <b>BROWN-FORMAN DISTILLERS CORP., Louisville, Ky.</b>                         |          |                          |              |
| 3211        | B-F Corn Distillers Dried Grains                                              | 7.91     | 23.00                    | 24.00        |
| 5439        | B-F Corn Distillers Solubles                                                  | 8.72     | 24.00                    | 28.00        |
|             | <b>CALVERT MILLING CO.<br/>Hoytville, Ohio</b>                                |          |                          |              |
| 5361        | 17% Dehydrated Alfalfa Meal                                                   | 8.61     | 17.00                    | 18.50        |
|             | <b>CAMDEN GRAIN CO.<br/>Camden, N.J.</b>                                      |          |                          |              |
| 4622        | Camden Brand Dried Brewers' Grain                                             | 7.29     | 24.00                    | <u>22.75</u> |
|             | <b>CAMP MILLING CO., INC.<br/>Walton, N.Y.</b>                                |          |                          |              |
| 4826        | Camp's Milk Replacer for Calves and Pigs                                      | 6.00     | 21.00                    | 22.75        |
|             | <b>CANADA LINSEED OIL MILLS,<br/>LTD., Montreal, Canada</b>                   |          |                          |              |
| 4895        | Maple Leaf 34% Protein Expeller Linseed Oil Meal Grits                        | 9.76     | 34.00                    | 37.75        |
|             | <b>CARGILL, INCORPORATED<br/>Minneapolis 15, Minn.</b>                        |          |                          |              |
| 5503        | Cargill 44% Protein Solvent Extracted Soybean Meal                            | 11.21    | 44.00                    | 44.00        |
| 5300        | Cargill 34% Protein Solvent Extracted Linseed Oil Meal                        | 12.55    | 34.00                    | 34.00        |
|             | <b>CENTRAL CONN. CO-OPERATIVE FARMERS' ASS'N., INC.<br/>Manchester, Conn.</b> |          |                          |              |
| 3224        | Honest Brand Aureomycin Mix 200 Grams Mash                                    | 11.53    | 18.00                    | 19.00        |
| 5390        | Honest Brand Complete Breeder Mash                                            | 10.36    | 16.00                    | 17.25        |
| 4897        | Honest Brand Complete Breeder Pellets (Extra Vit.)                            | 10.60    | 20.00                    | <u>17.00</u> |
| 3226        | Honest Brand Complete Ration High Energy Growing Mash                         | 11.58    | 15.00                    | 16.50        |

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants |
|--------------------------|-------------|--------------------------|-------|-----------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |           |
| 7.00                     | 7.19        | 15.00                    | 12.50 |           |
| 8.00                     | 9.94        | 4.00                     | 4.00  |           |
| 1.50                     | 2.85        | 27.00                    | 22.24 |           |
| 6.00                     | <u>5.36</u> | 17.00                    | 15.69 |           |
| 8.50                     | 8.84        | 0.50                     | 0.12  |           |
| 4.00                     | <u>3.54</u> | 9.00                     | 7.56  |           |
| 0.50                     | 1.40        | 7.00                     | 6.52  |           |
| 0.50                     | 1.35        | 10.00                    | 7.84  |           |
| 3.00                     | 4.65        | 4.00                     | 3.86  |           |
| 4.00                     | 4.58        | 8.00                     | 3.65  |           |
| 4.00                     | 4.34        | 8.00                     | 2.39  |           |
| 3.00                     | 4.89        | 4.00                     | 3.05  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                   | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|----------------------------------------------------------|----------|--------------------------|-------|
|             |                                                          |          | Guaranteed not less than | Found |
| 5748        | Honest Brand Complete Ration<br>High Energy Growing Mash | 11.94    | 15.00                    | 16.50 |
| 3225        | Honest Brand Complete Ration<br>High Energy Laying Mash  | 11.08    | 15.00                    | 15.38 |
| 5393        | Honest Brand Nu Weigh-Hi<br>Broiler Finisher Mash        | 10.76    | 20.00                    | 20.25 |
| 5749        | Honest Brand Nu Weigh-Hi<br>Broiler Mash Medicated       | 11.05    | 20.00                    | 25.00 |
| 5747        | Honest Brand Nu Weigh-Hi<br>Starter Mash Medicated       | 11.63    | 20.00                    | 20.75 |
| 5651        | Honest Brand Nu Weigh-Hi<br>Starter Mash Medicated       | 11.31    | 20.00                    | 20.00 |
|             | CENTRAL SOYA, McMillen Feed<br>Div., Fort Wayne, Ind.    |          |                          |       |
| 4884        | Master Mix Broiler Finisher<br>Concentrate 375           | 9.21     | 41.00                    | 41.38 |
| 6053        | Master Mix Broiler Finisher<br>324-16C Medicated         | 10.36    | 20.00                    | 20.50 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                                                                                                     |
|--------------------------|-------|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                                                                               |
| 3.00                     | 4.21  | 4.00                     | 3.13  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0058%. Acetyl (para-nitrophenyl) sulfanilamide: Guar., 0.03%; found, 0.027%. 3,5-Dinitrobenzamide: Guar., 0.025%; found 0.024%.  |
| 3.00                     | 4.68  | 4.00                     | 2.42  |                                                                                                                                                                                               |
| 6.00                     | 5.77  | 3.00                     | 1.66  |                                                                                                                                                                                               |
| 3.00                     | 4.86  | 4.00                     | 2.66  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0042%. Acetyl (Para-nitrophenyl) sulfanilamide: Guar., 0.03%; found, 0.032%. 3,5-Dinitrobenzamide: Guar., 0.025%; found, 0.028%. |
| 3.00                     | 4.24  | 4.00                     | 3.18  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0058%. Acetyl (para-nitrophenyl) sulfanilamide: Guar., 0.03%; found, 0.030%. 3,5-Dinitrobenzamide: Guar., 0.025%; found, 0.025%. |
| 3.00                     | 4.50  | 4.00                     | 3.88  | Sulfaquinoxaline: Guar., 0.0175%; found, 0.0192%.                                                                                                                                             |
| 10.00                    | 10.14 | 5.00                     | 3.56  |                                                                                                                                                                                               |
| 7.50                     | 7.74  | 4.00                     | 2.42  | Amprolium: Guar., 0.0125%; found, 0.0130%.                                                                                                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                  | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|---------------------------------------------------------|----------|--------------------------|-------|
|             |                                                         |          | Guaranteed not less than | Found |
| 6092        | Master Mix Broiler Finisher<br>324-16C Medicated        | 11.14    | 20.00                    | 21.00 |
| 6094        | Master Mix Broiler Starter<br>308-16C Medicated         | 10.90    | 24.50                    | 25.25 |
| 4885        | Master Mix Broiler Starter<br>Concentrate 351           | 9.71     | 42.50                    | 44.50 |
| 4668        | Master Mix Calflac                                      | 4.92     | 18.00                    | 18.75 |
| 5451        | Master Mix Calf Mixer 559                               | 10.50    | 20.00                    | 28.25 |
| 4889        | Master Mix Calf Starter 531                             | 11.80    | 17.50                    | 18.75 |
| 4682        | Master Mix 32% Cattle Supplement<br>763 Pellets         | 11.33    | 32.00                    | 31.28 |
| 5951        | Master Mix Chick Concentrate<br>153-04G Medicated       | 11.31    | 38.00                    | 39.00 |
| 4670        | Master Mix Complete Rabbit<br>Pellets 961               | 10.72    | 15.00                    | 15.00 |
| 5815        | Master Mix Complete Rabbit<br>Pellets 961-84E Medicated | 9.51     | 15.00                    | 15.75 |
| 5445        | Master Mix Complete Turkey<br>Finisher 445              | 10.94    | 15.00                    | 15.38 |
| 3216        | Master Mix 14% Dairy Feed 621                           | 12.17    | 14.00                    | 14.88 |
| 5449        | Master Mix Egg Mash 211                                 | 10.00    | 20.00                    | 21.25 |
| 5453        | Master Mix HI-Q 16% Dairy 624                           | 10.26    | 16.00                    | 19.25 |
| 4886        | Master Mix HI-Q Master Blend<br>Concentrate 667         | 9.29     | 38.00                    | 40.00 |
| 5454        | Master Mix Hog Finisher Concen-<br>trate 889            | 9.69     | 40.00                    | 38.75 |
| 4669        | Master Mix Horse Feed 967                               | 11.31    | 10.00                    | 11.75 |
| 5437        | Master Mix Layer Concentrate<br>265                     | 8.79     | 34.00                    | 35.50 |
| 5755        | Master Mix Medicated Bio 5<br>Concentrate 376-03G       | 9.82     | 41.00                    | 41.75 |
| 5756        | Master Mix Poultry Starter<br>401-83A Medicated         | 10.12    | 28.00                    | 28.00 |
| 4673        | Master Mix Sweet Bulk 'N Flakes<br>648                  | 11.34    | 10.00                    | 11.25 |
| 5436        | Master Mix Sweet 16% Dairy 620                          | 11.07    | 16.00                    | 18.25 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |                  | Fiber                    |       | Medicants                                                                                                            |
|--------------------------|------------------|--------------------------|-------|----------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found            | Guaranteed not more than | Found |                                                                                                                      |
| 7.50                     | 7.80             | 4.00                     | 2.75  | Amprolium: Guar., 0.0125%; found, 0.0107%.                                                                           |
| 7.50                     | 9.76             | 4.00                     | 2.65  | Amprolium: Guar., 0.0125%; found, 0.0132%.                                                                           |
| 8.50                     | 8.50             | 5.00                     | 3.32  |                                                                                                                      |
| 11.50                    | <del>10.92</del> | 0.50                     | 0.17  |                                                                                                                      |
| 3.00                     | 4.04             | 6.50                     | 5.52  |                                                                                                                      |
| 3.00                     | 3.13             | 8.00                     | 5.94  |                                                                                                                      |
| 2.00                     | 3.58             | 10.00                    | 5.21  |                                                                                                                      |
| 4.00                     | 5.59             | 5.00                     | 4.62  | Zoalene: Guar., 0.0313%; found, 0.0253%.                                                                             |
| 2.00                     | 3.09             | 16.00                    | 13.31 |                                                                                                                      |
| 2.00                     | 3.70             | 16.00                    | 10.30 | Furazolidone: Guar., 0.0055%; found, 0.00935%. Sulfaminoxaline: Guar., 0.0125%; found, 0.0120%.                      |
| 3.50                     | 4.33             | 4.50                     | 4.50  |                                                                                                                      |
| 3.00                     | 3.43             | 10.00                    | 9.93  |                                                                                                                      |
| 2.50                     | 3.67             | 7.00                     | 5.24  |                                                                                                                      |
| 3.50                     | 3.26             | 4.50                     | 4.34  |                                                                                                                      |
| 0.50                     | 1.84             | 5.00                     | 2.84  |                                                                                                                      |
| 1.50                     | 3.94             | 6.00                     | 5.16  |                                                                                                                      |
| 3.00                     | 3.34             | 9.00                     | 5.17  |                                                                                                                      |
| 2.50                     | 3.66             | 8.00                     | 4.91  |                                                                                                                      |
| 10.00                    | <u>9.50</u>      | 5.00                     | 4.66  |                                                                                                                      |
| 4.00                     | 5.09             | 4.00                     | 3.31  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0044%. Sulfaminoxaline: Guar., 0.0175%; found, 0.0182%. |
| 1.00                     | 1.81             | 20.00                    | 16.52 |                                                                                                                      |
| 4.00                     | 3.81             | 11.00                    | 10.62 |                                                                                                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                  | Moisture | Protein (N x 6.25)       |       |
|-------------|-------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                         |          | Guaranteed not less than | Found |
| 4887        | Medicated Bio-21 Concentrate<br>350-03N                                 | 9.90     | 42.50                    | 43.75 |
| 4692        | Soybran (Reg. Trade Mark of<br>Flaked Soybean Hulls)                    | 10.73    | 9.00                     | 8.50  |
| 4893        | Thrifty-Fifty Central 50% Solvent<br>Extracted Dehulled Soybean Oil     | 10.85    | 50.00                    | 50.50 |
|             | S. J. CHERRY & SONS, LTD.<br>Preston, Ontario, Canada                   |          |                          |       |
| 4704        | Cherry's Wheat Bran                                                     | 11.46    | 13.50                    | 17.50 |
|             | CITRUS PRODUCTS, DIV. Minute<br>Maid Corp., Orlando, Fla.               |          |                          |       |
| 4698        | Golden Isle Citrus Pulp                                                 | 8.55     | 6.00                     | 6.25  |
|             | CLYDE MILLING CORP.,<br>Clyde, New York                                 |          |                          |       |
| 4825        | Clyde Dry & Freshening Ration                                           | 13.00    | 14.00                    | 15.25 |
| 4785        | Clyde Horse Feed                                                        | 12.70    | 10.00                    | 12.50 |
|             | CONNECTICUT BI-PRODUCTS,<br>INC., Columbia, Conn.                       |          |                          |       |
| 4771        | Hydrolyzed Poultry Feathers                                             | 5.42     | 85.00                    | 86.50 |
| 5495        | Poultry By-Product Meal                                                 | 5.25     | 55.00                    | 64.00 |
|             | CONSOLIDATED RENDERING CO.,<br>Boston 10, Mass.                         |          |                          |       |
| 3212        | Corenco 47% Meat and Bone Scrap                                         | 7.56     | 47.00                    | 47.25 |
| 5290        | Corenco 47% Meat and Bone Scrap                                         | 7.42     | 47.00                    | 44.50 |
|             | COOPERATIVE GRANGE LEAGUE<br>FEDERATION EXCHANGE<br>INC., Ithaca, N. Y. |          |                          |       |
| 3691        | Corn Feed Meal                                                          | 12.71    | 8.00                     | 8.88  |
| 5151        | Hominy Feed                                                             | 11.06    | 10.00                    | 10.00 |
| 5153        | Hominy Feed                                                             | 13.41    | 10.00                    | 8.50  |
|             | CORN PRODUCTS CO.,<br>New York, N. Y.                                   |          |                          |       |
| 4624        | Buffalo Brand 21% protein Corn<br>Gluten Feed                           | 9.32     | 21.00                    | 23.25 |

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                            |
|--------------------------|-------|--------------------------|-------|----------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                      |
| 8.50                     | 9.24  | 5.00                     | 4.13  | Chlortetracycline hydrochloride: Guar., 0.22 gm/lb.; not determined. |
| 1.00                     | 1.11  | 38.00                    | 33.63 |                                                                      |
| 0.50                     | 0.54  | 3.00                     | 2.51  |                                                                      |
| 3.00                     | 3.80  | 11.50                    | 8.73  |                                                                      |
| 2.75                     | 3.00  | 15.00                    | 11.09 |                                                                      |
| 3.00                     | 5.34  | 8.00                     | 8.09  |                                                                      |
| 2.50                     | 3.71  | 10.00                    | 7.23  |                                                                      |
| 0.50                     | 3.69  | 1.50                     | 0.14  |                                                                      |
| 8.00                     | 11.59 | 3.00                     | 0.74  |                                                                      |
| 6.00                     | 8.45  | 2.00                     | 1.52  |                                                                      |
| 6.00                     | 9.09  | 2.00                     | 1.01  |                                                                      |
| 3.00                     | 4.19  | 3.00                     | 2.53  |                                                                      |
| 5.00                     | 4.91  | 6.00                     | 3.62  |                                                                      |
| 5.00                     | 3.26  | 6.00                     | 1.87  |                                                                      |
| 1.00                     | 2.68  | 10.00                    | 8.23  |                                                                      |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                           | Moisture | Protein<br>(N x 6.25)    |              |
|-------------|------------------------------------------------------------------|----------|--------------------------|--------------|
|             |                                                                  |          | Guaranteed not less than | Found        |
|             | G. A. COWLES, INC.<br>Plantsville, Conn.                         |          |                          |              |
| 5570        | Blue C Feed - Horse Feed with Molasses                           | 13.42    | 10.00                    | 10.50        |
| 4647        | Blue C Feed Laying Mash                                          | 10.59    | 20.00                    | <u>16.25</u> |
| 4646        | 16% Dairy Delight                                                | 12.11    | 16.00                    | <u>11.50</u> |
|             | CROMPTON GRAIN CO.<br>W. Warwick, R. I.                          |          |                          |              |
| 6093        | Master Made Broiler Finisher Medicated                           | 11.87    | 20.00                    | 20.50        |
|             | DARI-DRI COMPANY, Div. of Milk Specialties, Inc.<br>Dundee, Ill. |          |                          |              |
| 4614        | Dari-Dri Baby Calf Formula Animal Feed                           | 10.81    | 21.00                    | 21.00        |
|             | DAWE'S LABORATORIES, INC.<br>Chicago, Ill.                       |          |                          |              |
| 3206        | Dawe's Fermentation Flavonne No. 1                               | 9.07     | 30.00                    | 30.00        |
|             | DAWNWOOD FARMS,<br>Amenia, N. Y.                                 |          |                          |              |
| 5157        | Dawnwood Farms Caf-Star                                          | 6.17     | 25.00                    | 26.75        |
| 5158        | Dawnwood Farms Caf-Star                                          | 7.62     | 26.00                    | 26.50        |
|             | DCA FOOD INDUSTRIES, INC.<br>Ellicott City, Md.                  |          |                          |              |
| 3215        | Domaco Wheat Middlings                                           | 11.84    | 14.50                    | 14.88        |
|             | DELAWARE MILLING CO., INC.<br>Deposit, N. Y.                     |          |                          |              |
| 4791        | Delaware Scratch Grains                                          | 12.69    | 9.00                     | 9.00         |
| 5336        | Delaware Turkey Grower                                           | 10.12    | 24.00                    | 27.25        |
| 4769        | Eastern Conn. Grain Associates Growing Mash                      | 11.67    | 15.00                    | 15.75        |
| 4770        | Middlesex All-Mash Layer                                         | 10.77    | 16.00                    | 16.75        |
| 4789        | Warren's C & C Complete laying Mash                              | 11.14    | 15.00                    | 15.25        |

       indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |             | Medicants                                     |
|--------------------------|-------------|--------------------------|-------------|-----------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found       |                                               |
| 3.00                     | 3.34        | 10.00                    | 5.70        |                                               |
| 3.00                     | 4.75        | 5.00                     | 5.28        |                                               |
| 3.50                     | <u>2.84</u> | 7.50                     | 6.59        |                                               |
| 6.00                     | 7.19        | 3.00                     | 2.92        | Amprolium: Guar., 0.0125%;<br>found, 0.0114%. |
| 8.50                     | 8.50        | 0.50                     | 0.56        |                                               |
| 2.00                     | 5.36        | 9.50                     | 8.87        |                                               |
| 6.00                     | 6.37        | 1.50                     | 0.65        |                                               |
| 3.00                     | 4.22        | 2.50                     | 1.43        |                                               |
| 4.25                     | 4.78        | 7.50                     | 7.22        |                                               |
| 2.00                     | 2.34        | 5.00                     | 2.21        |                                               |
| 3.00                     | 3.65        | 5.00                     | 3.19        |                                               |
| 3.00                     | 3.78        | 4.50                     | 3.95        |                                               |
| 4.00                     | 4.87        | 4.00                     | 3.42        |                                               |
| 3.00                     | 3.19        | 6.00                     | <u>6.97</u> |                                               |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                                                     | Moisture | Protein (N x 6.25)       |        |
|-------------|------------------------------------------------------------------------------------------------------------|----------|--------------------------|--------|
|             |                                                                                                            |          | Guaranteed not less than | Found  |
| 5337        | Warren's C & C Complete Laying Mash<br>DERBY FEED STORE<br>Derby, Conn.                                    | 10.56    | 15.00                    | 15.25  |
| 4616        | Litsky Hi-Energy All Mash Layer                                                                            | 11.39    | 16.00                    | 16.75  |
| 5288        | Litsky Hi-Energy All Mash Grower                                                                           | 10.61    | 16.00                    | 16.75  |
| 4617        | Litsky's Hi-Energy Layer                                                                                   | 11.32    | 20.00                    | 21.25  |
| 5637        | Litsky's Hi-Energy Starter<br>Broiler Medicated                                                            | 11.22    | 20.00                    | 21.50  |
|             | E. I. DuPONT de NEMOURS & CO.<br>Wilmington, Del.                                                          |          |                          |        |
| 4710        | DuPont Two-Sixty-Two Feed Compound<br>EASTERN STATES FARMERS'<br>EXCHANGE, INC.<br>West Springfield, Mass. | 1.72     | 262.00                   | 267.00 |
| 4959        | Alfapels                                                                                                   | 7.00     | 15.00                    | 15.50  |
| 6052        | Broiler Finisher Medicated                                                                                 | 10.02    | 22.00                    | 22.50  |
| 6061        | Broiler Starter Medicated                                                                                  | 10.68    | 24.00                    | 24.00  |
| 4734        | Calf Starter                                                                                               | 12.48    | 18.00                    | 18.50  |
| 5686        | Cashmaker Medicated                                                                                        | 11.73    | 16.00                    | 17.00  |
| 5588        | Champion                                                                                                   | 12.71    | 14.00                    | 14.00  |
| 5692        | Choicemaker Medicated                                                                                      | 11.26    | 16.00                    | 17.00  |
| 5678        | Choicemaker, WM, Medicated                                                                                 | 10.89    | 16.00                    | 16.50  |
| 5175        | Class Leader                                                                                               | 12.39    | 14.00                    | 15.00  |
| 5163        | Darimore                                                                                                   | 11.39    | 16.00                    | 17.00  |
| 4931        | Eastern States Milksaver                                                                                   | 6.93     | 24.00                    | 24.00  |
| 5432        | Fulpail                                                                                                    | 11.17    | 20.00                    | 20.00  |
| 5688        | Lay-Grums Medicated                                                                                        | 11.11    | 16.00                    | 16.50  |
| 5670        | Matchmaker Medicated                                                                                       | 10.65    | 22.00                    | 23.00  |
| 5828        | Medicated Defender                                                                                         | 9.61     | 20.00                    | 20.75  |

~~~~~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants  |
|--------------------------|-------|--------------------------|-------|--|
| Guaranteed not less than | Found | Guaranteed not more than | Found |  |
| 3.00                     | 3.57  | 6.00                     | 6.00  | Chlortetracycline hydrochloride: Guar., 200 grams/ton; not determined.                           |
| 3.50                     | 3.91  | 4.00                     | 3.78  |  |
| 3.50                     | 4.09  | 4.00                     | 4.00  |  |
| 3.25                     | 3.59  | 4.50                     | 4.73  |  |
| 3.50                     | 4.40  | 4.00                     | 4.00  | Sulfaquinoxaline: Guar., 0.0175% found, 0.0172%.   |
|                          |       | 0.50                     | 0.15  |  |
| 1.50                     | 2.54  | 30.00                    | 28.93 |  |
| 8.00                     | 9.49  | 4.00                     | 2.59  | Amprolium: Guar., 0.0125%; found, 0.0101%.   |
| 5.00                     | 5.61  | 4.00                     | 2.85  | Amprolium: Guar., 0.0125%; found, 0.0116%.   |
| 3.00                     | 3.88  | 6.00                     | 4.41  |  |
| 4.00                     | 4.00  | 3.50                     | 2.65  | Arsanilic acid: Guar., 0.0099%; found, 0.0115.   |
| 2.50                     | 3.09  | 7.00                     | 5.37  |  |
| 3.50                     | 4.59  | 5.00                     | 3.81  | Arsanilic acid: Guar., 0.0099%; found, 0.0162.   |
| 3.50                     | 4.54  | 5.00                     | 3.97  | Sulfaquinoxaline: Guar. 0.0125%; found, 0.0100%. Arsanilic acid: Guar., 0.0099%; found, 0.0125%. |
| 3.00                     | 3.94  | 8.50                     | 6.51  |  |
| 2.50                     | 4.39  | 10.00                    | 6.51  |  |
| 5.00                     | 6.00  | 1.50                     | 0.11  |  |
| 3.00                     | 4.86  | 8.50                     | 7.54  |  |
| 3.00                     | 3.61  | 4.00                     | 3.61  | Arsanilic acid: Guar., 0.0099%; found, 0.0105%.  |
| 4.00                     | 4.96  | 4.00                     | 2.38  | Arsanilic acid: Guar., 0.0132%; found, 0.0130%.  |
| 4.00                     | 4.94  | 4.50                     | 3.15  | Furazolidone: Guar., 0.022%; found, 0.0200%.   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand         | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--------------------------------|----------|--------------------------|-------|
|             |                                |          | Guaranteed not less than | Found |
| 6085        | Medicated-Lacto-Life (Pellets) | 12.66    | 16.00                    | 17.00 |
| 4733        | Medicated Minuteman            | 11.68    | 24.00                    | 24.75 |
| 5307        | Medicated Sentinel             | 10.61    | 20.00                    | 20.50 |
| 5818        | Medicated Turkey Starter F     | 11.03    | 28.00                    | 28.50 |
| 4838        | Milkerpels 14                  | 11.39    | 14.00                    | 14.25 |
| 4932        | Milkerpels 16                  | 11.74    | 16.00                    | 16.88 |
| 5177        | Milkerpels 20                  | 11.21    | 20.00                    | 20.50 |
| 4957        | Milkmore                       | 11.62    | 16.00                    | 16.38 |
| 6083        | Pacemaker Medicated            | 11.17    | 20.00                    |       |
| 5667        | Pel-Gro Medicated              | 10.18    | 14.00                    | 15.50 |
| 5689        | Pel-Lay Medicated              | 10.01    | 16.00                    | 16.50 |
| 5699        | Pel-22 Medicated               | 10.06    | 22.00                    | 23.00 |
| 4873        | Pork Builder                   | 12.12    | 14.00                    | 14.00 |
| 5698        | Pork Gainer Medicated          | 10.81    | 16.00                    | 17.00 |
| 5691        | Pork Primer Medicated          | 9.21     | 18.00                    | 18.00 |
| 5173        | Rabbettes                      | 10.40    | 15.00                    | 15.25 |
| 5821        | Rabbettes Medicated            | 10.46    | 15.00                    | 15.00 |
| 6058        | Roaster Finisher Medicated     | 10.46    | 16.00                    | 16.25 |
| 4663        | Supmix                         | 9.63     | 36.00                    | 36.50 |
| 5309        | Sweepstakes                    | 11.59    | 16.00                    | 17.00 |
| 4960        | Tastibulk                      | 13.86    | 9.50                     | 10.50 |
| 5174        | Thriftmaker                    | 10.96    | 15.00                    | 16.00 |
| 5306        | Trim-Maker                     | 9.64     | 15.00                    | 15.75 |
| 5587        | Turkey Breeder                 | 10.41    | 16.00                    | 16.50 |
| 4735        | Turkey Finisher                | 11.07    | 16.00                    | 16.75 |
| 5963        | Turkey Finisher-C              | 10.99    | 16.00                    | 16.00 |
| 4662        | Turkey Grower                  | 11.34    | 20.00                    | 20.75 |
| 6084        | Turkey Grower-C Medicated      | 11.36    | 20.00                    | 21.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants   |
|--------------------------|-------|--------------------------|-------|---|
| Guaranteed not less than | Found | Guaranteed not more than | Found |   |
| 3.00                     | 4.24  | 8.00                     | 5.62  |   |
| 5.00                     | 6.14  | 4.00                     | 2.40  | Chlortetracycline hydrochloride: Guar., 0.1 gm/lb.; not determined. |
| 4.00                     | 4.03  | 4.00                     | 2.94  | Chlortetracycline hydrochloride: Guar., 0.1 gm/lb.; not determined. |
| 3.00                     | 3.84  | 4.00                     | 3.16  | Furazolidone: Guar., 0.011%; found, 0.0116%.                        |
| 3.00                     | 4.58  | 9.00                     | 5.96  |   |
| 3.00                     | 4.21  | 9.00                     | 4.80  |   |
| 3.00                     | 4.09  | 9.00                     | 7.41  |   |
| 3.00                     | 3.79  | 8.50                     | 5.95  |   |
| 4.00                     | 5.18  | 4.00                     | 2.67  | Arsanilic Acid: Guar., 0.0099% found, 0.0118%.                      |
| 3.50                     | 4.04  | 5.00                     | 4.11  | Arsanilic Acid: Guar., 0.0099% found, 0.0117%.                      |
| 3.00                     | 3.94  | 4.50                     | 3.09  | Arsanilic Acid: Guar., 0.0099% found, 0.0107%.                      |
| 2.50                     | 3.89  | 5.00                     | 4.02  | Arsanilic Acid: Guar., 0.0132% found, 0.0145%.                      |
| 3.00                     | 3.39  | 3.50                     | 2.61  |   |
| 5.00                     | 5.10  | 3.00                     | 2.57  | Arsanilic Acid: Guar., 0.0099% found, 0.0125%.                      |
| 8.00                     | 10.66 | 3.00                     | 1.39  | Arsanilic Acid: Guar., 0.0099% found, 0.0110%.                      |
| 2.00                     | 3.56  | 16.00                    | 12.66 |   |
| 2.00                     | 3.06  | 16.00                    | 14.92 | Furazolidone: Guar., 0.0055%; found, .0059%.                        |
| 3.50                     | 4.58  | 4.00                     | 2.52  | Amprolium: Guar., 0.0125%; found, 0.0104%.                          |
| 1.50                     | 3.00  | 8.00                     | 7.53  |   |
| 3.00                     | 3.54  | 8.00                     | 6.06  |   |
| 2.00                     | 3.30  | 11.00                    | 8.67  |   |
| 3.00                     | 3.22  | 4.50                     | 3.75  |   |
| 3.50                     | 3.99  | 11.00                    | 8.22  |   |
| 3.00                     | 3.12  | 4.00                     | 3.12  |   |
| 3.50                     | 4.57  | 4.00                     | 3.36  |   |
| 3.50                     | 4.72  | 4.00                     | 3.11  | P-Ureidobenzeneearsonic acid: Guar., 0.0375%; found, 0.0405%.       |
| 3.50                     | 3.89  | 4.50                     | 3.47  |   |
| 3.50                     | 4.94  | 4.50                     | 3.29  | P-Ureidobenzeneearsonic acid: Guar., 0.0375%; found, 0.0316%.       |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand   | Moisture | Protein<br>(N x 6.25)    |              |
|-------------|--|----------|--------------------------|--------------|
|             |  |          | Guaranteed not less than | Found        |
| 5639        | Turkey Starter Medicated<br><br>ECKHART MILLING CO.<br>Chicago, Ill.   | 10.71    | 28.00                    | 28.75        |
| 5286        | Ecko Pure Wheat Bran<br><br>ELMORE MILLING CO., INC.<br>Oneonta, N. Y. | 10.94    | 14.00                    | 16.50        |
| 5261        | Elmore Bull Feed   | 11.41    | 13.00                    | 16.25        |
| 5650        | Elmore Chixsaver (1S) medicated  | 11.34    | 20.00                    | 20.50        |
| 5331        | Elmore Complete Calf Milk<br>Replacer                                  | 8.55     | 25.00                    | 25.50        |
| 4832        | Elmore Complete Growing Ration   | 11.36    | 16.00                    | 16.00        |
| 5646        | Elmore Complete Growing Ration<br>(1S) Medicated                       | 11.11    | 16.00                    | 16.50        |
| 4926        | Elmore Complete Market Egg Mash  | 10.97    | 16.00                    | 16.25        |
| 5112        | Elmore Complete Rabbit Ration  | 10.11    | 16.00                    | 20.63        |
| 4921        | Elmore Complete Turkey Growing<br>Mash                                 | 10.59    | 17.00                    | 17.00        |
| 5332        | Elmore Dry & Freshening Ration   | 11.28    | 12.00                    | 15.00        |
| 4781        | Elmore 14% Fitting Ration  | 12.38    | 14.00                    | 16.25        |
| 5333        | Elmore Flaked Pelleted Calf<br>Starter                                 | 11.11    | 18.00                    | 17.25        |
| 4782        | Elmore Game Bird Breeder Mash  | 11.31    | 20.00                    | 20.00        |
| 4929        | Elmore Game Bird Grower  | 10.78    | 20.00                    | <u>18.00</u> |
| 5649        | Elmore Game Bird Grower<br>Medicated (1S)                              | 10.00    | 20.00                    | <u>18.00</u> |
| 5648        | Elmore Game Bird Starter<br>Medicated (1S)                             | 10.86    | 28.00                    | <u>26.50</u> |
| 4784        | Elmore Grand Champion  | 12.18    | 15.00                    | 15.25        |
| 4928        | Elmore Hog Ration  | 11.56    | 15.00                    | 15.50        |
| 4833        | Elmore Horse Feed  | 12.91    | 9.00                     | 10.00        |
| 5259        | Elmore Maxmilk Ration  | 11.30    | 16.00                    | 17.00        |
| 5817        | Elmore Medicated Mash  | 10.36    | 16.00                    | 16.75        |
| 4783        | Elmore Milk Grains "Sixteen"   | 11.65    | 16.00                    | 18.00        |
| 5298        | Elmore Milk Grains 20%   | 9.99     | 20.00                    | 22.25        |
| 5260        | Elmore Pacemaker 16% Dairy<br>Ration                                   | 11.50    | 16.00                    | 17.50        |
| 4780        | Elmore Test Ration 16%   | 12.48    | 16.00                    | 16.50        |

       indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants   |
|--------------------------|-------|--------------------------|-------|---|
| Guaranteed not less than | Found | Guaranteed not more than | Found |   |
| 3.00                     | 4.86  | 4.00                     | 3.22  | Sulfaquinoxaline: Guar., 0.0175%; found, 0.0158%. |
| 3.50                     | 4.09  | 12.00                    | 8.08  |   |
| 3.00                     | 3.58  | 9.00                     | 7.43  |   |
| 3.00                     | 3.24  | 5.00                     | 4.39  | Sulfaquinoxaline: Guar., 0.015% found, 0.0170%.   |
| 4.00                     | 5.20  | 2.00                     | 1.46  |   |
| 3.00                     | 3.43  | 6.00                     | 5.58  |   |
| 3.00                     | 3.59  | 6.00                     | 4.93  | Sulfaquinoxaline: Guar., 0.0150% found, 0.0153%.  |
| 4.00                     | 4.69  | 5.00                     | 3.66  |   |
| 2.50                     | 3.48  | 10.00                    | 10.00 |   |
| 3.50                     | 3.75  | 6.00                     | 4.67  |   |
| 3.50                     | 3.75  | 9.00                     | 6.30  |   |
| 3.50                     | 3.76  | 8.00                     | 6.53  |   |
| 2.50                     | 3.70  | 8.00                     | 6.10  |   |
| 4.00                     | 3.09  | 8.00                     | 4.27  |   |
| 3.00                     | 3.48  | 10.00                    | 6.96  |   |
| 3.00                     | 3.80  | 10.00                    | 7.69  | Sulfaquinoxaline: Guar., 0.02% found, 0.0244%.    |
| 3.00                     | 3.79  | 6.00                     | 4.72  | Sulfaquinoxaline: Guar., 0.02%; found 0.0155%.    |
| 3.50                     | 3.66  | 9.00                     | 6.30  |   |
| 3.50                     | 3.84  | 8.00                     | 5.59  |   |
| 3.00                     | 3.42  | 11.00                    | 5.41  |   |
| 3.00                     | 3.41  | 9.00                     | 7.49  |   |
| 3.50                     | 4.16  | 5.00                     | 4.49  | Furasolidone: Guar., 0.022%; found 0.0052%.       |
| 3.50                     | 4.16  | 8.50                     | 7.45  |   |
| 3.50                     | 3.66  | 8.00                     | 8.00  |   |
| 3.00                     | 3.39  | 10.00                    | 7.63  |   |
| 4.00                     | 4.35  | 9.00                     | 6.72  |   |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                               | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--|----------|--------------------------|-------|
|             |  |          | Guaranteed not less than | Found |
| 5257        | Elmore Test Ration 18%                               | 11.49    | 18.00                    | 18.50 |
| 4922        | Elmore Turkey Finisher                               | 9.79     | 15.00                    | 15.75 |
|             | JOHN W. ESHELMAN & SONS<br>Lancaster, Pa.            |          |                          |       |
| 4914        | Lancaster 16 Dairy Feed                              | 10.27    | 16.00                    | 16.50 |
| 4916        | Lancaster Scratch Grains                             | 12.70    | 9.00                     | 9.00  |
| 5371        | Pennsy Complete Laying Ration                        | 10.11    | 16.00                    | 17.25 |
| 5324        | Pennsy Laying Mash                                   | 10.13    | 20.00                    | 21.25 |
| 5328        | Red Rose Broiler Finisher                            | 9.93     | 19.50                    | 20.50 |
| 4917        | Red Rose Calf Grower                                 | 11.29    | 14.00                    | 14.00 |
| 5375        | Red Rose Calf Starter                                | 11.41    | 18.00                    | 18.25 |
| 4961        | Red Rose Chick Grains                                | 13.56    | 9.00                     | 10.25 |
| 6055        | Red Rose Chick Starter Medicated                     | 10.00    | 22.00                    | 22.50 |
| 4659        | Red Rose Complete Growing Ration                     | 11.57    | 16.00                    | 16.00 |
| 4915        | Red Rose Complete Laying Ration                      | 11.20    | 16.00                    | 17.25 |
| 4913        | Red Rose Complete Turkey Grower                      | 10.47    | 20.00                    | 20.50 |
| 5326        | Red Rose Complete Turkey<br>Finisher                 | 10.15    | 16.00                    | 19.50 |
| 5959        | Red Rose Complete Turkey<br>Finisher Medicated 313-C | 10.48    | 16.00                    | 16.50 |
| 5960        | Red Rose Complete Turkey<br>Grower Medicated 313-C   | 10.77    | 20.00                    | 20.25 |
| 4657        | Red Rose 16 Dairy Feed                               | 10.86    | 16.00                    | 16.50 |
| 5378        | Red Rose 18 Dairy Feed                               | 11.43    | 18.00                    | 18.75 |
| 5103        | Red Rose Duck Grower & Breeder                       | 10.13    | 20.00                    | 21.00 |
| 5205        | Red Rose Fattening Mash                              | 10.69    | 14.00                    | 15.88 |
| 5379        | Red Rose Fitting Ration                              | 10.91    | 12.00                    | 12.25 |
| 5381        | Red Rose Goat Ration                                 | 11.48    | 15.00                    | 15.75 |
| 5374        | Red Rose Growing Mash                                | 11.07    | 20.00                    | 20.00 |
| 4642        | Red Rose Horse Feed                                  | 12.74    | 9.00                     | 9.00  |
| 5104        | Red Rose Intermediate Chick<br>Grains                | 13.10    | 9.00                     | 9.50  |
| 4656        | Red Rose Laying Mash                                 | 10.59    | 20.00                    | 22.00 |
| 5329        | Red Rose Medicated T-C Feed<br>(412)                 | 10.00    | 22.00                    | 22.00 |
| 5372        | Red Rose Milking Parlor Feed                         | 11.86    | 14.00                    | 14.00 |

..... indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants  |
|--------------------------|-------|--------------------------|-------|--|
| Guaranteed not less than | Found | Guaranteed not more than | Found |  |
| 4.00                     | 4.31  | 9.00                     | 7.56  |  |
| 4.00                     | 5.48  | 6.00                     | 4.43  |  |
| 2.50                     | 3.06  | 13.00                    | 14.87 |  |
| 2.00                     | 2.68  | 4.00                     | 2.98  |  |
| 3.00                     | 3.85  | 7.00                     | 7.00  |  |
| 3.00                     | 3.11  | 7.50                     | 5.74  |  |
| 6.00                     | 5.58  | 3.50                     | 3.80  |  |
| 3.00                     | 3.47  | 8.50                     | 7.11  |  |
| 3.00                     | 3.35  | 8.00                     | 6.23  |  |
| 2.00                     | 3.23  | 3.00                     | 1.15  |  |
| 4.00                     | 4.34  | 4.50                     | 3.65  | Amprolium: Guar., 0.0125%;<br>found, 0.0103%.  |
| 4.00                     | 4.04  | 6.00                     | 3.61  |  |
| 4.00                     | 4.39  | 5.00                     | 4.31  |  |
| 4.00                     | 4.06  | 5.50                     | 4.50  |  |
| 4.00                     | 4.01  | 5.50                     | 5.24  |  |
| 4.00                     | 4.65  | 5.50                     | 3.80  | p-Ureidobenzencarsonic acid:<br>Guar., 0.0375%; found, 0.0282%.  |
| 4.00                     | 4.99  | 5.50                     | 4.33  | P-Ureidobenzencarsonic acid:<br>Guar., 0.0375%; found, 0.0446%.  |
| 3.00                     | 3.53  | 9.50                     | 7.58  |  |
| 3.50                     | 3.69  | 9.50                     | 7.42  |  |
| 4.00                     | 4.14  | 6.00                     | 4.48  |  |
| 4.00                     | 4.16  | 5.50                     | 3.50  |  |
| 3.50                     | 3.84  | 8.00                     | 7.12  |  |
| 3.00                     | 3.06  | 9.00                     | 6.18  |  |
| 4.00                     | 4.28  | 7.00                     | 3.70  |  |
| 3.00                     | 3.53  | 8.00                     | 3.31  |  |
| 2.00                     | 2.90  | 3.00                     | 1.50  |  |
| 4.00                     | 3.74  | 5.50                     | 4.70  |  |
| 4.00                     | 4.37  | 5.00                     | 5.00  | Chlortetracycline hydrochloride: Guar., .020 gms./lb.; not determined. Terramycin Hydrochloride: Guar., .020 gms./lb.; not determined. Penicillin: Guar., .010 gms./lb.; not determined. |
| 4.00                     | 3.74  | 7.50                     | 6.09  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand   | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--|----------|--------------------------|-------|
|             |  |          | Guaranteed not less than | Found |
| 5383        | Red Rose Milk Replacer   | 6.10     | 22.00                    | 24.50 |
| 4658        | Red Rose Pigeon Feed   | 12.70    | 12.00                    | 13.00 |
| 5376        | Red Rose Porkmaker   | 10.59    | 14.00                    | 18.00 |
| 5325        | Red Rose Rabbit Pellets  | 9.54     | 18.00                    | 18.75 |
| 5380        | Red Rose Rumenator   | 10.64    | 16.00                    | 18.00 |
| 5323        | Red Rose Scratch Grains  | 12.23    | 9.00                     | 9.00  |
| 5382        | Red Rose Starter & Grower  | 10.61    | 20.00                    | 21.75 |
| 5106        | Red Rose 14 Test Cow Feed  | 12.85    | 14.00                    | 14.00 |
| 5322        | Red Rose Wild Bird Feed  | 11.16    | 10.00                    | 11.25 |
| 5373        | S-O-S  | 10.66    | 11.00                    | 14.25 |
|             | EVANS MILLING CO., INC.<br>Indianapolis, Ind.  |          |                          |       |
| 5365        | Emco Hominy Feed   | 10.35    | 10.00                    | 10.13 |
|             | FARM BUREAU ASSOCIATION<br>Waltham, Mass.  |          |                          |       |
| 5591        | Farm Bureau Advancer   | 12.06    | 14.00                    | 15.00 |
| 4875        | Farm Bureau Brand Dairy 16%  | 11.41    | 16.00                    | 16.25 |
| 4876        | Farm Bureau Rabbit Food Pellets  | 10.31    | 18.00                    | 18.00 |
|             | FARMERS FEED CO.<br>Brooklyn, N. Y.  |          |                          |       |
| 5154        | "Bull Brand" Brewers Dried Grains  | 8.11     | 26.00                    | 28.13 |
|             | FMS INCORPORATED<br>Thomasville, Pa.   |          |                          |       |
| 5342        | FMS-A  | 6.31     | 23.00                    | 24.00 |
|             | FISH PRODUCTS CO. of NEW<br>JERSEY, Tuckerton, N. J.                                       |          |                          |       |
| 4671        | Smith's Lifeline Br. Fish Meal<br>Preserved with (Food Grade)<br>Butylated-Hydroxy-Toluene | 2.09     | 60.00                    | 65.25 |
|             | FLORIDA CITRUS CANNERS CO-<br>OPERATIVE<br>Lake Wales, Florida                             |          |                          |       |
| 4955        | Lake Wales Brand Citrus Pulp   | 11.32    | 6.00                     | 6.00  |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants |
|--------------------------|-------|--------------------------|-------|-----------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |           |
| 1.00                     | 1.54  | 1.00                     | 0.61  |           |
| 3.00                     | 2.46  | 4.00                     | 2.21  |           |
| 3.50                     | 3.87  | 7.00                     | 6.33  |           |
| 3.00                     | 3.66  | 10.00                    | 9.07  |           |
| 5.50                     | 6.01  | 7.00                     | 5.53  |           |
| 2.00                     | 2.84  | 4.00                     | 3.12  |           |
| 4.00                     | 4.16  | 6.00                     | 4.25  |           |
| 3.50                     | 3.59  | 8.50                     | 5.27  |           |
| 5.00                     | 6.04  | 6.00                     | 6.00  |           |
| 2.00                     | 3.15  | 16.00                    | 13.78 |           |
| 5.00                     | 5.49  | 7.00                     | 4.22  |           |
| 3.00                     | 3.47  | 8.00                     | 5.83  |           |
| 3.50                     | 3.84  | 8.00                     | 7.48  |           |
| 2.50                     | 3.13  | 18.00                    | 12.43 |           |
| 6.00                     | 7.31  | 17.00                    | 12.01 |           |
| 0.50                     | 0.51  | 0.25                     | 0.25  |           |
| 5.00                     | 9.39  | 0.25                     | 3.00  |           |
| 2.00                     | 5.92  | 16.00                    | 8.98  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand  | Moisture | Protein (N x 6.25)       |       |
|-------------|---|----------|--------------------------|-------|
|             |   |          | Guaranteed not less than | Found |
|             | GENERAL MILLS, INC.<br>Minneapolis, Minn.                     |          |                          |       |
| 4651        | Larro Chick Grains  | 13.23    | 9.00                     | 8.00  |
| 5720        | Larro Medicated Surelay Complete "H-E"                        | 10.70    | 16.00                    | 16.50 |
| 4652        | Larro Sure-Calf   | 11.56    | 20.00                    | 17.25 |
| 5949        | Larro Sure Chick Medicated                                    | 10.76    | 20.00                    | 23.00 |
| 4648        | Larro Sure Lay Complete "H-E"                                 | 10.16    | 16.00                    | 17.50 |
| 5577        | Larro Sure Lay Complete "H-E"                                 | 10.07    | 16.00                    | 16.00 |
| 5571        | Larro Sure Milk 14  | 11.87    | 14.00                    | 16.75 |
| 4650        | Larro Sure Milk 16  | 11.22    | 16.00                    | 16.25 |
| 5830        | Larro Sure Rabbit Medicated                                   | 10.56    | 15.00                    | 15.50 |
| 4773        | Purity Oat Mill By-Product                                    | 9.70     | 3.00                     | 3.00  |
| 6046        | SureBroiler Finisher 19 (KC) Medicated                        | 10.60    | 19.00                    | 21.75 |
| 6047        | SureBroiler Starter 21 (KC) Medicated                         | 10.84    | 21.00                    | 23.00 |
| 5575        | SureCalf  | 12.00    | 18.00                    | 18.50 |
| 5576        | SureGrow Complete "H-E"                                       | 11.67    | 15.00                    | 16.25 |
| 5572        | SureLay Complete "H-E"  | 11.11    | 15.00                    | 17.00 |
| 5569        | SureMilk 32   | 11.05    | 32.00                    | 35.50 |
| 5574        | SureRaise (CHL) Medicated                                     | 6.35     | 23.00                    | 25.00 |
| 5573        | SureTasty 16 Pellets  | 11.06    | 16.00                    | 17.25 |
| 5578        | SureTurk Finisher Complete 16                                 | 10.87    | 16.00                    | 16.75 |
| 4927        | Washburn's Gold Medal Wheat Bran-Ground Wheat Screenings      | 11.80    | 15.00                    | 15.00 |
| 4930        | Washburn's Gold Medal Wheat Middlings-Ground Wheat Screenings | 11.34    | 15.00                    | 16.38 |
|             | GLOUCESTER BY-PRODUCTS, INC., Gloucester, Mass.               |          |                          |       |
| 5438        | Globpro Brand 60% Protein Fish Meal                           | 6.72     | 60.00                    | 63.00 |
|             | GOLDEN GEM GROWERS, INC., Umatilla, Fla.                      |          |                          |       |
| 4665        | Golden Gems Sweet Dried Citrus Pulp                           | 8.21     | 6.00                     | 6.00  |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants   |
|--------------------------|-------|--------------------------|-------|---|
| Guaranteed not less than | Found | Guaranteed not more than | Found |   |
| 2.00                     | 2.42  | 4.00                     | 1.40  |   |
| 4.00                     | 4.52  | 4.50                     | 4.20  | Copper Sulfate: Guar., 0.15%;<br>found, 0.102%.                           |
| 2.50                     | 3.04  | 9.00                     | 6.29  |   |
| 3.50                     | 3.88  | 5.00                     | 3.43  | Zoalene: Guar., 0.0083%;<br>found, 0.0100%.                               |
| 4.00                     | 4.03  | 4.50                     | 3.23  |   |
| 4.00                     | 4.72  | 4.50                     | 4.30  |   |
| 3.00                     | 3.99  | 9.00                     | 8.37  |   |
| 3.00                     | 3.36  | 9.00                     | 7.20  |   |
| 2.00                     | 2.68  | 19.00                    | 15.74 | Furazolidone: Guar., 0.0055%;<br>found, 0.0056%.                          |
| 1.00                     | 1.04  | 32.00                    | 28.10 |   |
| 4.50                     | 5.25  | 3.00                     | 2.34  | Amprollum: Guar., 0.0125%;<br>found, 0.0101%.                             |
| 4.50                     | 4.98  | 3.00                     | 2.50  | Amprollum: Guar., 0.0125%;<br>found, 0.0121%.                             |
| 2.50                     | 2.74  | 9.00                     | 6.69  |   |
| 3.50                     | 3.65  | 5.50                     | 3.95  |   |
| 3.00                     | 4.66  | 4.00                     | 2.66  |   |
| 1.00                     | 1.06  | 9.00                     | 5.58  |   |
| 10.00                    | 11.06 | 1.00                     | 0.46  | Chlortetracycline hydrochloride: Guar., 0.025 gms/lb.;<br>not determined. |
| 2.50                     | 3.46  | 13.00                    | 8.24  |   |
| 3.00                     | 3.69  | 5.00                     | 3.27  |   |
| 3.00                     | 4.32  | 12.00                    | 9.12  |   |
| 3.50                     | 4.54  | 9.50                     | 7.11  |   |
| 8.00                     | 10.24 | 1.00                     | 0.26  |   |
| 2.50                     | 3.40  | 11.00                    | 9.82  |   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand   | Protein<br>(N x 6.25) |                          |       |
|-------------|--|-----------------------|--------------------------|-------|
|             |  | Moisture              | Guaranteed not less than | Found |
|             | D. H. GRANDIN MILLING CO.<br>Jamestown, N. Y.                              |                       |                          |       |
| 4953        | Grandin's Calf Starter   | 12.86                 | 18.00                    | 18.00 |
| 4950        | Grandin's Dairy Maid 16  | 12.47                 | 16.00                    | 16.75 |
| 5581        | Grandin's 14 Fit-Fresh Produce   | 11.87                 | 14.00                    | 14.25 |
| 5107        | Grandin's 14% Fitting Ration   | 12.04                 | 14.00                    | 14.25 |
| 5110        | Grandin's Hi-Pro Pellets   | 10.63                 | 22.00                    | 18.25 |
| 4954        | Grandin's Horse Feed   | 12.24                 | 9.00                     | 11.00 |
| 5111        | Grandin's Intermediate Chick<br>Grains                                     | 12.86                 | 10.00                    | 8.75  |
| 5579        | Grandin's 16 Milk Producer   | 12.36                 | 16.00                    | 17.50 |
| 5108        | Grandin's Pig & Sow Feed   | 11.22                 | 18.00                    | 18.50 |
| 5109        | Grandin's Rabbit Pellets   | 9.82                  | 17.00                    | 18.75 |
| 5580        | Grandin's Summit Test Ration   | 12.06                 | 16.00                    | 16.25 |
| 4952        | Grandin's Super Complete Grow<br>and Lay                                   | 12.00                 | 17.00                    | 17.50 |
| 4956        | Grandin's Super Layer  | 11.26                 | 21.00                    | 21.50 |
|             | THE GREAT ATLANTIC &<br>PACIFIC TEA CO., INC.<br>Minneapolis 2, Minn.      |                       |                          |       |
| 5592        | Daily Egg Laying Mash  | 9.86                  | 20.00                    | 20.75 |
|             | GREAT STAR FLOUR MILLS Ltd.<br>St. Marys-Ontario, Canada                   |                       |                          |       |
| 4619        | Great Star Shorts  | 11.25                 | 14.00                    | 15.75 |
|             | GREEN ACRE FARMS<br>Nazareth, Pa.  |                       |                          |       |
| 5298        | Green Acre's Brand 17% Dehy.<br>Alfalfa Meal with 1/2% veg.<br>Fat Product | 7.85                  | 17.00                    | 15.75 |
|             | HAFFENREFFER & CO., INC.<br>Boston, Mass.                                  |                       |                          |       |
| 3218        | Haffenreffer Brewer's Dried<br>Yeast                                       | 7.66                  | 40.00                    | 48.00 |
|             | HALES & HUNTER CO.<br>Chicago, Ill.  |                       |                          |       |
| 5515        | Pioneer Beef Fitting Ration  | 12.54                 | 12.00                    | 13.00 |
| 4768        | Pioneer Calf Starter   | 12.70                 | 18.00                    | 18.75 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |                 | Fiber                    |       | Medicants |
|--------------------------|-----------------|--------------------------|-------|-----------|
| Guaranteed not less than | Found           | Guaranteed not more than | Found |           |
| 3.00                     | <del>2.86</del> | 10.00                    | 7.80  |           |
| 2.50                     | <del>1.94</del> | 9.00                     | 7.51  |           |
| 3.50                     | 3.59            | 8.00                     | 7.09  |           |
| 3.00                     | <del>2.66</del> | 9.00                     | 8.42  |           |
| 3.00                     | <del>2.69</del> | 5.00                     | 5.43  |           |
| 3.00                     | <del>2.69</del> | 11.00                    | 7.48  |           |
| 2.50                     | 2.08            | 5.00                     | 1.37  |           |
| 3.50                     | <del>3.62</del> | 9.00                     | 6.29  |           |
| 3.50                     | 3.61            | 10.00                    | 6.05  |           |
| 3.00                     | 2.81            | 18.00                    | 11.08 |           |
| 4.00                     | <del>2.59</del> | 8.00                     | 7.86  |           |
| 3.50                     | <del>2.79</del> | 4.00                     | 3.86  |           |
| 3.50                     | 3.30            | 4.00                     | 4.00  |           |
| 3.00                     | 3.31            | 7.50                     | 7.50  |           |
| 5.00                     | 4.97            | 8.00                     | 6.72  |           |
| 2.00                     | 2.59            | 27.00                    | 22.83 |           |
| 0.25                     | 0.81            | 5.50                     | 3.49  |           |
| 2.00                     | 2.79            | 5.00                     | 3.87  |           |
| 2.50                     | 2.59            | 7.00                     | 3.87  |           |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                      | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|---|----------|--------------------------|-------|
|             |   |          | Guaranteed not less than | Found |
| 5185        | Pioneer Commercial Milker 16                | 13.03    | 16.00                    | 16.75 |
| 5513        | Pioneer Dairy Fitting Feed                  | 11.99    | 14.00                    | 15.00 |
| 4766        | Pioneer 16 Dairy Pellets                    | 10.62    | 16.00                    | 18.25 |
| 4697        | Pioneer Dairy Production 16                 | 12.15    | 16.00                    | 15.50 |
| 5305        | Pioneer Dry & Freshening                    | 11.49    | 12.00                    | 13.75 |
| 4764        | Pioneer Hog Finisher                        | 11.07    | 12.00                    | 13.50 |
| 5516        | Pioneer Hog Finisher Concentrate            | 4.14     | 40.00                    | 40.00 |
| 4767        | Pioneer Horse Feed                          | 12.50    | 12.00                    | 12.50 |
| 4696        | Pioneer Pelleted Flaked 15 Dairy            | 11.93    | 15.00                    | 15.13 |
| 5671        | Pioneer Pig Gro-Pel Medicated               | 10.65    | 16.00                    | 19.25 |
| 4765        | Pioneer Rabbit Pellets                      | 10.71    | 16.00                    | 16.50 |
| 4701        | Pioneer Sup-Pel Pellets                     | 8.84     | 18.00                    | 19.25 |
| 5517        | Pioneer Vig-R-Calf                          | 4.49     | 20.00                    | 20.00 |
| 4900        | Red Comb Breeder Mash                       | 10.41    | 22.00                    | 22.00 |
| 5672        | Red Comb Complete Layer 16<br>Medicated     | 10.44    | 16.00                    | 16.25 |
| 4899        | Red Comb Duck Developer                     | 10.69    | 14.00                    | 15.38 |
| 4700        | Red Comb Duck Starter                       | 10.24    | 20.00                    | 23.00 |
| 5514        | Red Comb Scratch Feed                       | 11.89    | 9.00                     | 9.75  |
| 4699        | Red Comb Turkey Grower 20                   | 9.92     | 20.00                    | 21.75 |
| 5303        | Red Comb Turkey Starter                     | 10.41    | 26.00                    | 26.75 |
|             | HAYWARD, INC.<br>Oak Harbor, Ohio           |          |                          |       |
| 5319        | Dehydrated Alfalfa Meal Pellets             | 8.09     | 18.00                    | 18.50 |
|             | H. P. HOOD & SONS, INC.<br>Dunedin, Florida |          |                          |       |
| 5287        | Hood Citrus Pulp                            | 8.00     | 6.00                     | 6.50  |
|             | H. P. HOOD & SONS, INC.<br>Boston, Mass.    |          |                          |       |
| 5203        | Hood Milk Replacer for Baby<br>Animals      | 8.60     | 28.00                    | 28.00 |
|             | THE HUBINGER COMPANY<br>Keokuk, Iowa        |          |                          |       |
| 5417        | Ke Ok Uk Brand Corn Gluten Meal             | 9.60     | 41.00                    | 43.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants  |
|--------------------------|-------|--------------------------|-------|--|
| Guaranteed not less than | Found | Guaranteed not more than | Found |  |
| 2.50                     | 2.00  | 13.00                    | 6.85  |  |
| 3.00                     | 2.87  | 8.00                     | 6.81  |  |
| 2.50                     | 3.56  | 10.00                    | 8.78  |  |
| 3.00                     | 3.46  | 8.00                     | 6.53  |  |
| 2.50                     | 2.81  | 8.00                     | 7.11  |  |
| 3.00                     | 3.94  | 4.00                     | 2.75  |  |
| 1.00                     | 1.84  | 5.00                     | 4.42  |  |
| 2.50                     | 3.61  | 8.00                     | 6.90  |  |
| 2.50                     | 3.24  | 7.00                     | 5.89  |  |
| 3.00                     | 3.14  | 5.00                     | 3.66  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0112%. |
| 2.00                     | 3.61  | 15.00                    | 10.08 |  |
| 3.00                     | 2.88  | 8.00                     | 5.55  |  |
| 2.50                     | 2.50  | 1.00                     | 0.25  |  |
| 3.50                     | 4.99  | 6.50                     | 4.50  |  |
| 3.50                     | 3.89  | 5.50                     | 3.24  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0098%. |
| 3.00                     | 3.02  | 12.00                    | 11.09 |  |
| 3.00                     | 4.04  | 6.50                     | 3.94  |  |
| 2.00                     | 3.14  | 5.00                     | 5.00  |  |
| 3.50                     | 4.46  | 6.00                     | 4.52  |  |
| 3.50                     | 3.76  | 5.50                     | 3.95  |  |
| 1.75                     | 3.65  | 23.00                    | 22.92 |  |
| 2.75                     | 5.07  | 15.00                    | 8.22  |  |
| 3.50                     | 3.82  | 1.50                     | 1.42  |  |
| 1.00                     | 1.96  | 6.00                     | 1.98  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand   | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--|----------|--------------------------|-------|
|             |  |          | Guaranteed not less than | Found |
| 5256        | THE HUNTER MILLING CO.<br>Wellington, Kansas<br>Wheat Bran-Ground Wheat Screenings   | 11.19    | 14.50                    | 17.25 |
| 4664        | ILLINOIS CEREAL MILLS, INC.<br>Paris, Ill.<br>Hominy Feed  | 10.38    | 10.00                    | 10.00 |
| 3209        | INTERNATIONAL MILLING CO.<br>Minneapolis 2, Minn.<br>Blackhawk Wheat Bran with Ground Mixed Screenings                       | 11.54    | 13.50                    | 17.63 |
| 3208        | Blackhawk Wheat Middlings with Ground Mixed Screenings   | 11.99    | 14.00                    | 17.88 |
| 5387        | Target Wheat Red Dog   | 10.01    | 15.00                    | 15.50 |
| 5430        | KELLOGG CO. of CANADA, LTD.<br>London, Ontario, Canada<br>Kellogg Hominy Feed  | 8.96     | 10.00                    | 10.75 |
| 5115        | SPENCER KELLOGG & SONS, INC.,<br>Bellevue, Ohio<br>Spencer Kellogg's 50% protein dehulled Soybean Oil Meal Solvent Extracted | 10.21    | 50.00                    | 51.50 |
| 5462        | SPENCER KELLOGG & SONS, INC.,<br>Buffalo, N. Y.<br>Spencer Kellogg's 32% Protein Old Process Expeller Linseed Oil Meal       | 11.09    | 32.00                    | 34.75 |
| 5457        | KEYSTONE DEHYDRATORS<br>Nazareth, Pa.<br>Keystone Super Green Dehy. Alfalfa Meal with Santoquin and Veg. Fat                 | 7.44     | 17.00                    | 17.50 |
| 5501        | KINGS MILLING CO.<br>Lowell, Michigan<br>Kings Middlings with Screenings   | 11.30    | 13.50                    | 14.00 |

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants |
|--------------------------|-------------|--------------------------|-------|-----------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |           |
| 3.50                     | 4.39        | 11.00                    | 8.74  |           |
| 5.00                     | 5.24        | 6.00                     | 4.66  |           |
| 2.50                     | 6.25        | 12.00                    | 8.56  |           |
| 3.00                     | 5.36        | 9.50                     | 6.93  |           |
| 2.00                     | 3.35        | 4.00                     | 3.57  |           |
| 9.00                     | 9.85        | 4.50                     | 4.50  |           |
| 0.50                     | 1.00        | 3.00                     | 2.54  |           |
| 3.50                     | <u>2.57</u> | 10.50                    | 7.22  |           |
| 2.00                     | 2.04        | 27.00                    | 27.00 |           |
| 3.50                     | 4.80        | 8.00                     | 6.21  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                 | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--|----------|--------------------------|-------|
|             |  |          | Guaranteed not less than | Found |
|             | KRAFT FOODS DIV.<br>Chicago 90, Ill.                   |          |                          |       |
| 3219        | Kraco Dried Whole Whey                                 | 4.50     | 12.00                    | 13.00 |
| 5385        | Kray-9   | 8.65     | 25.00                    | 28.50 |
|             | CHAS. A. KRAUSE MILLING CO.<br>Milwaukee, Wis.         |          |                          |       |
| 4787        | Badger Yellow Hominy Feed                              | 11.01    | 10.00                    | 10.13 |
|             | KUDER PULP SALES CO.<br>Lake Alfred, Fla.              |          |                          |       |
| 4874        | Kuder Dried Citrus Pulp, High Sugar                    | 9.82     | 6.00                     | 6.25  |
|             | LAUHOFF GRAIN CO.<br>Danville, Ill.                    |          |                          |       |
| 5414        | 43% Protein Expeller Soybean Oil Cake                  | 10.31    | 43.00                    | 44.50 |
| 4878        | Vermilion Hominy Feed                                  | 11.01    | 9.00                     | 10.75 |
|             | THE LIBNER GRAIN CO.<br>Norwalk, Conn.                 |          |                          |       |
| 5404        | Libner's Blue Ribbon Horse & Calf Ration               | 11.83    | 10.50                    | 10.50 |
| 5402        | Libner's Blue Ribbon Milk Egg Mash                     | 10.85    | 20.00                    | 23.50 |
| 5403        | Libner's Blue Ribbon Scratch Feed                      | 12.77    | 10.00                    | 10.00 |
|             | MACHNICKI'S GRAIN STORE<br>Jewett City, Conn.          |          |                          |       |
| 5434        | GMS Machnicki's Hi-Energy All Mash Layer               | 11.79    | 15.00                    | 15.75 |
| 3213        | Machnicki's Hi-Energy All Mash Layer                   | 11.81    | 16.00                    | 16.00 |
| 5729        | Master Made Broiler Starter Medicated                  | 11.96    | 24.00                    | 24.25 |
|             | MARION MILLING CO.<br>Marion, Ohio                     |          |                          |       |
| 5289        | Cloverleaf Wheat Middlings and Ground Wheat Screenings | 10.50    | 14.00                    | 15.25 |

~ indicates deficiencies

## INSPECTION OF 1961

| Guaranteed not less than |       | Guaranteed not more than |       | Medicants                                    |
|--------------------------|-------|--------------------------|-------|--|
|                          | Found |                          | Found |  |
| 0.50                     | 0.53  |                          |       |  |
| 7.00                     | 7.87  | 1.00                     | 0.78  |  |
| 5.00                     | 5.38  | 6.00                     | 4.39  |  |
| 2.50                     | 4.19  | 15.00                    | 10.56 |  |
| 4.00                     | 4.04  | 7.00                     | 4.87  |  |
| 5.00                     | 7.21  | 6.00                     | 4.88  |  |
| 3.50                     | 4.19  | 7.00                     | 7.00  |  |
| 3.00                     | 4.59  | 6.50                     | 6.01  |  |
| 2.00                     | 2.87  | 5.00                     | 3.01  |  |
| 3.50                     | 3.84  | 4.00                     | 2.83  |  |
| 4.00                     | 3.59  | 3.50                     | 3.15  |  |
| 6.00                     | 6.32  | 4.00                     | 2.47  | Amprollum: Guar., 0.0125%;<br>found, .0116%. |
| 3.00                     | 4.00  | 9.00                     | 8.60  |  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                   | Moisture | Protein (N x 6.25)       |       |
|-------------|--|----------|--------------------------|-------|
|             |  |          | Guaranteed not less than | Found |
|             | <b>MAXON MILLS, INC.</b><br>Wassaic, N. Y.               |          |                          |       |
| 5483        | Maxon 16% Dairy  | 11.48    | 16.00                    | 16.50 |
| 5481        | Maxon 14% Pitting  | 12.01    | 14.00                    | 15.75 |
| 5480        | Maxon 16% Test   | 11.26    | 16.00                    | 16.25 |
| 5482        | Maxon 18% Test   | 11.48    | 18.00                    | 18.00 |
|             | <b>MILLER ALFALFA CO.</b><br>Mark Center, Ohio           |          |                          |       |
| 4772        | Miller's Choice Brand Dehydrated Alfalfa Meal            | 7.89     | 20.00                    | 21.75 |
|             | <b>MINER-HILLARD MILLING CO.</b><br>Wilkes-Barre, Pa.    |          |                          |       |
| 4958        | Choice Steam Cooked Hominy Feed                          | 10.91    | 10.00                    | 10.50 |
| 5176        | Choice Steam Cooked Hominy Feed                          | 10.51    | 10.00                    | 11.00 |
|             | <b>MOLSON'S BREWERY, LTD.</b><br>Montreal, Canada        |          |                          |       |
| 5455        | Molson's Brewers Bried Grains                            | 8.28     | 23.00                    | 26.50 |
|             | <b>GEO. Q. MOON &amp; CO., INC.</b><br>Binghamton, N. Y. |          |                          |       |
| 5209        | Moon Baby Chick Grains                                   | 13.48    | 10.00                    | 8.25  |
| 4615        | Moon Complete Growing Mash                               | 10.63    | 16.00                    | 15.38 |
| 4613        | Moon Complete Laying Mash                                | 11.44    | 16.00                    | 16.25 |
| 4612        | Moon 16% Dairy Ration                                    | 12.80    | 16.00                    | 17.25 |
| 5210        | Moon Horse Feed  | 13.01    | 9.00                     | 10.50 |
| 5207        | Moon Laying Mash   | 10.71    | 22.00                    | 22.00 |
| 4708        | Moon Rabbit Pellets                                      | 9.46     | 15.00                    | 17.50 |
| 5206        | Moon Scratch Feed  | 12.51    | 10.00                    | 10.00 |
|             | <b>MOWAT, WILSON &amp; CO.</b><br>Detroit 35, Michigan   |          |                          |       |
| 4937        | Dried Beet Pulp  | 10.46    | 7.00                     | 7.88  |
| 5431        | Dried Beet Pulp and Feeding Beet Molasses                | 8.30     | 7.00                     | 11.00 |
|             | <b>NAPOLEON ALFALFA MILLS, INC.,</b><br>Napoleon, Ohio   |          |                          |       |
| 4890        | Evergreen Brand 17% Dehydrated Alfalfa Meal              | 7.78     | 17.00                    | 17.88 |

~~~~~ Indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants |
|--------------------------|-------------|--------------------------|-------|-----------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |           |
| 3.50                     | 4.30        | 10.00                    | 6.17  |           |
| 3.50                     | 3.50        | 10.00                    | 7.61  |           |
| 4.00                     | 3.79        | 9.00                     | 7.09  |           |
| 4.00                     | 4.18        | 9.00                     | 7.62  |           |
| 1.50                     | 2.90        | 20.00                    | 20.17 |           |
| 5.00                     | 5.14        | 5.00                     | 3.53  |           |
| 5.00                     | 5.08        | 5.00                     | 3.69  |           |
| 7.00                     | <u>5.76</u> | 15.00                    | 12.08 |           |
| 1.50                     | 1.84        | 2.50                     | 1.13  |           |
| 4.50                     | 4.50        | 6.50                     | 5.47  |           |
| 4.50                     | 5.09        | 6.50                     | 5.46  |           |
| 3.50                     | 3.03        | 10.00                    | 7.86  |           |
| 1.50                     | 3.59        | 10.00                    | 8.52  |           |
| 4.00                     | 4.94        | 6.50                     | 3.18  |           |
| 2.50                     | 3.69        | 12.00                    | 10.30 |           |
| 2.00                     | 2.96        | 5.00                     | 2.92  |           |
| 0.30                     | 0.64        | 22.50                    | 19.91 |           |
| 0.30                     | 0.92        | 20.00                    | 14.18 |           |
| 1.25                     | 3.12        | 27.00                    | 20.35 |           |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                                          | Moisture | Protein (N x 6.25)       |       |
|-------------|-------------------------------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                                                 |          | Guaranteed not less than | Found |
| 3214        | NAPPANEE MILLING CO., INC.<br>Nappanee, Indiana<br>Hominy Feed                                  | 11.43    | 10.00                    | 10.13 |
| 5420        | NATIONAL ALFALFA DEHYDRATING & MILLING CO.<br>Lamar, Colorado<br>Krumbles                       | 7.39     | 13.00                    | 14.50 |
| 5416        | National 15% Protein Dehydrated Alfalfa Meal                                                    | 8.10     | 15.00                    | 16.75 |
| 5415        | National 17% Protein Dehydrated Alfalfa Meal                                                    | 8.66     | 17.00                    | 17.00 |
| 5419        | NATIONAL BISCUIT CO.<br>Toledo, Ohio<br>Namico                                                  | 11.66    | 14.00                    | 14.75 |
| 5218        | Pure Wheat Bran                                                                                 | 11.61    | 13.00                    | 14.00 |
| 5360        | Wheat Germ Meal                                                                                 | 9.85     | 25.00                    | 25.00 |
| 5508        | NATIONAL DISTILLERS PRODUCTS CO., N. Y., N. Y.<br>Nadrisol Brand Corn Distillers Dried Solubles | 5.44     | 25.00                    | 27.00 |
| 4633        | Produlac Brand Special Process Corn Distillers Dried Solubles                                   | 10.43    | 25.00                    | 27.00 |
| 5512        | NATIONAL VITAMIN PRODUCTS CO., Minneapolis, Minn.<br>Calvita Vealer Milk Replacer Medicated     | 6.15     | 21.00                    | 21.25 |
| 3217        | NOPCO CHEMICAL CO.<br>Harrison, N. J.<br>Nopco-Pak Hi-Lay Premix                                | 5.71     | 2.00                     | 10.00 |
| 5384        | Nopco-Pak Super Premix                                                                          | 6.71     | 1.00                     | 17.50 |
| 4891        | Nopdex "3000"                                                                                   | 10.17    | 10.00                    | 10.00 |
| 5413        | NORTHERN OHIO SUGAR CO.<br>Findlay, Ohio<br>GW Dried Beet Pulp                                  | 9.41     | 8.00                     | 9.25  |
| 5589        | GW Dried Beet Pulp & Beet Molasses                                                              | 4.91     | 8.50                     | 10.50 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants                                                             |
|--------------------------|-------------|--------------------------|-------|-----------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |                                                                       |
| 6.50                     | 9.76        | 6.00                     | 4.44  |                                                                       |
| 1.50                     | 2.82        | 33.00                    | 28.10 |                                                                       |
| 1.50                     | 2.76        | 30.00                    | 26.48 |                                                                       |
| 1.50                     | 2.41        | 27.00                    | 24.49 |                                                                       |
| 3.50                     | 4.09        | 9.00                     | 6.98  |                                                                       |
| 3.00                     | 3.79        | 10.00                    | 8.53  |                                                                       |
| 9.00                     | <u>8.34</u> | 3.00                     | 3.00  |                                                                       |
| 8.00                     | 11.26       | 4.00                     | 3.62  |                                                                       |
| 8.00                     | 8.74        | 9.00                     | 6.28  |                                                                       |
| 4.00                     | <u>3.07</u> | 0.50                     | 0.17  | Chlortetracycline hydrochloride: Guar., 0.030 gm/lb.; not determined. |
| 0.50                     | 3.79        | 16.00                    | 16.00 |                                                                       |
| 1.00                     | 1.99        | 25.00                    | 8.93  |                                                                       |
| 0.50                     | 2.14        | 37.00                    | 33.76 |                                                                       |
| --                       | 0.34        | 22.50                    | 20.51 |                                                                       |
| --                       | 0.54        | 18.00                    | 16.48 |                                                                       |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                              | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|---------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                     |          | Guaranteed not less than | Found |
| 6086        | OGDEN GRAIN CO.<br>Utica, N. Y.<br>Complete Chick Starter Medicated | 11.66    | 20.00                    | 20.00 |
| 5340        | Life Span 15                                                        | 11.50    | 15.00                    | 16.00 |
| 4738        | Life Span 18                                                        | 11.36    | 18.00                    | 18.25 |
| 4740        | Ogden Complete Grower                                               | 11.20    | 16.00                    | 16.75 |
| 5694        | Ogden Complete Layer Medicated                                      | 11.25    | 16.00                    | 16.00 |
| 4761        | Ogden Econ-O-Mix 16% Dairy Feed                                     | 11.70    | 16.00                    | 16.50 |
| 5211        | Ogden 16 Hi-Energy Dairy Pellets                                    | 10.29    | 16.00                    | 16.00 |
| 4837        | Ogden Hi-Energy Laying                                              | 10.99    | 16.00                    | 18.75 |
| 5212        | Ogden 16% Hi-Kal Dairy Pellets                                      | 10.79    | 16.00                    | 17.00 |
| 4760        | Ogden Hi-Value Complete Layer                                       | 11.52    | 16.00                    | 16.00 |
| 4834        | Ogden Horse Feed                                                    | 12.38    | 10.00                    | 10.75 |
| 4732        | Ogden 20% Laying Feed                                               | 11.03    | 20.00                    | 20.50 |
| 5215        | Ogden Medicated Complete Calf Starter                               | 11.56    | 18.00                    | 18.00 |
| 5341        | Ogden Milk Replacer                                                 | 4.45     | 21.00                    | 22.75 |
| 4835        | Ogden Premium Dry & Freshening Ration                               | 12.00    | 14.00                    | 15.50 |
| 4736        | Ogden Premium 20% Milk Ration                                       | 11.01    | 20.00                    | 21.75 |
| 5339        | Ogden Premium 14 Pel-Flake                                          | 12.98    | 14.00                    | 17.25 |
| 4739        | Ogden Premium 16 Pel-Flake                                          | 13.00    | 16.00                    | 16.25 |
| 5208        | Ogden Premium Test Cow 16                                           | 11.31    | 16.00                    | 14.50 |
| 4729        | Ogden Premium Test Cow 18                                           | 12.25    | 18.00                    | 20.25 |
| 4730        | Ogden Rabbit Pellets                                                | 11.35    | 18.00                    | 17.25 |
| 4737        | Ogden Reliable 16 Dairy Ration                                      | 11.83    | 16.00                    | 16.00 |
| 4728        | Ogden R S 10                                                        | 11.57    | 10.00                    | 10.75 |
| 4762        | Ogden C. L. Special 16                                              | 11.59    | 16.00                    | 16.75 |
| 4731        | Ogden Super Hi-Energy Laying Feed                                   | 10.35    | 20.00                    | 22.25 |
| 5213        | Ogden Super Pig Ration                                              | 10.90    | 14.00                    | 14.00 |
| 5214        | Soybean Meal                                                        | 11.09    | --                       | 46.50 |
| 5669        | Ogden Complete Layer Medicated                                      | 10.67    | 16.00                    | 17.00 |
|             | OHIO BLENDERS, INC.<br>Toledo, Ohio                                 |          |                          |       |
| 5456        | Big "O" Dehydrated Alfalfa Pellets                                  | 8.06     | 17.00                    | 17.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |                 | Fiber                    |       | Medicants                                                                |
|--------------------------|-----------------|--------------------------|-------|--------------------------------------------------------------------------|
| Guaranteed not less than | Found           | Guaranteed not more than | Found |                                                                          |
| 3.00                     | 3.66            | 4.00                     | 4.00  |                                                                          |
| 3.50                     | 3.89            | 8.00                     | 6.28  |                                                                          |
| 3.50                     | 3.79            | 8.00                     | 5.82  |                                                                          |
| 3.50                     | 3.83            | 3.50                     | 4.12  |                                                                          |
| 3.50                     | 3.67            | 3.50                     | 2.89  | Arsanilic Acid: Guar., 0.01%;<br>found, <u>0.0122%</u> .                 |
| 3.00                     | 3.37            | 12.00                    | 10.80 |                                                                          |
| 4.50                     | 4.90            | 8.00                     | 8.00  |                                                                          |
| 4.50                     | <del>4.24</del> | 3.50                     | 3.64  |                                                                          |
| 4.00                     | 4.04            | 8.00                     | 8.00  |                                                                          |
| 3.00                     | 3.07            | 5.50                     | 6.10  |                                                                          |
| 3.00                     | 3.74            | 9.00                     | 6.42  |                                                                          |
| 4.00                     | 3.91            | 3.50                     | 2.06  |                                                                          |
| 3.00                     | 2.94            | 8.00                     | 7.96  | Chlortetracycline hydrochloride: Guar., 0.025 gm/lb.;<br>not determined. |
| 8.50                     | 8.59            | 0.50                     | 0.16  |                                                                          |
| 4.00                     | 3.92            | 8.00                     | 6.50  |                                                                          |
| 3.50                     | 3.59            | 8.00                     | 7.49  |                                                                          |
| 4.00                     | <del>3.14</del> | 8.00                     | 6.98  |                                                                          |
| 4.00                     | <del>3.25</del> | 8.00                     | 7.30  |                                                                          |
| 4.00                     | 4.82            | 8.00                     | 7.25  |                                                                          |
| 4.00                     | <del>3.41</del> | 8.00                     | 6.14  |                                                                          |
| 3.00                     | 2.91            | 12.00                    | 9.65  |                                                                          |
| 3.00                     | 3.70            | 9.00                     | 7.21  |                                                                          |
| 2.00                     | 2.03            | 20.00                    | 12.24 |                                                                          |
| 3.50                     | <del>2.64</del> | 8.50                     | 7.49  |                                                                          |
| 4.50                     | 6.16            | 4.00                     | 4.72  |                                                                          |
| 3.50                     | 4.20            | 7.00                     | 5.58  |                                                                          |
| --                       | 1.44            | --                       | 7.50  |                                                                          |
| 3.50                     | 3.35            | 3.50                     | 3.50  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0123%.                         |
| 1.50                     | 3.64            | 27.00                    | 25.30 |                                                                          |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                                        | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|-----------------------------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                                               |          | Guaranteed not less than | Found |
| 4829        | PARRISH & HEIMBECKER, LTD.<br>Toronto, Montreal, Canada<br>"Parrhelm" Pure Wheat Shorts       | 12.35    | 14.00                    | 16.63 |
| 5377        | PASCO PACKING CO.<br>Dade City, Florida<br>O-MI-O Citrus Pulp                                 | 9.60     | 6.00                     | 6.75  |
| 4836        | Sugar Sweet Citrus Pulp                                                                       | 11.43    | 6.00                     | 6.00  |
| 5277        | PENICK & FORD LTD., INC.<br>Cedar Rapids, Iowa<br>21% Protein Douglas Corn<br>Gluten Feed     | 9.42     | 21.00                    | 21.00 |
| 3201        | PERRYSBURG ALFALFA MILLS,<br>INC., Perrysburg, Ohio<br>20% Dehydrated Alfalfa Meal            | 7.80     | 20.00                    | 19.25 |
| 5750        | CHAS. PFIZER & CO., INC.<br>New York 17, N. Y.<br>Triple-Biotic Mix                           | 7.71     | --                       | 19.75 |
| 5507        | PRAIRIE DEHYDRATING CO.<br>Roanoke, Illinois<br>Prairie 20% Dehydrated Alfalfa<br>Meal        | 8.27     | 20.00                    | 20.00 |
| 4779        | PUBLICKER INDUSTRIES, INC.<br>Philadelphia, Pa.<br>Paco Molasses Distillers Dried<br>Solubles | 6.68     | 10.00                    | 10.00 |
| 5401        | THE OQUAKER OATS CO.<br>Chicago, Illinois<br>Ful-O-Pep Derwood Horse Crunch                   | 9.54     | 15.00                    | 16.25 |

— indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |              | Medicants                                                                                                                            |
|--------------------------|-------------|--------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found        |                                                                                                                                      |
| 3.50                     | 4.76        | 8.00                     | 7.46         |                                                                                                                                      |
| 3.00                     | 3.04        | 16.00                    | 11.31        |                                                                                                                                      |
| 3.00                     | <u>2.50</u> | 13.50                    | 10.61        |                                                                                                                                      |
| 1.00                     | 2.19        | 10.00                    | 6.82         |                                                                                                                                      |
| 2.00                     | 3.48        | 22.00                    | <u>23.29</u> |                                                                                                                                      |
| --                       | 1.96        | --                       | 6.03         | Chlortetracycline hydrochloride: Guar., 150,000 mg/20 lbs.; not determined. Streptomycin: Guar., 112,500 mg/20 lbs.; not determined. |
| 1.50                     | 4.12        | 27.00                    | 20.31        |                                                                                                                                      |
| 0.50                     | 0.49        | 5.00                     | 0.10         |                                                                                                                                      |
| 4.00                     | <u>3.74</u> | 10.00                    | 10.00        |                                                                                                                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                            | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|-------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                   |          | Guaranteed not less than | Found |
|             | THE QUAKER OATS CO. of CANADA LTD., Peterborough, Ontario, Canada |          |                          |       |
| 4645        | Hominy Feed                                                       | 10.76    | 9.00                     | 11.00 |
| 5418        | Peterborough Oat Mill By-Product                                  | 8.81     | 2.50                     | 3.75  |
|             | RALSTON PURINA COMPANY<br>St. Louis, Mo.                          |          |                          |       |
| 5492        | 41% Protein Solvent Extracted<br>Cottonseed Meal                  | 8.77     | 41.00                    | 38.25 |
| 5279        | Purina Aureomycin-Etts                                            | 8.44     | 17.00                    | 18.75 |
| 5758        | Purina Baby Pig Chow Medicated                                    | 8.02     | 18.00                    | 18.50 |
| 4941        | Purina B & M Cow Chow                                             | 12.02    | 16.00                    | 16.00 |
| 5490        | Purina B & M Cow Chow G                                           | 12.79    | 16.00                    | 16.00 |
| 4949        | Purina Breeder Layena                                             | 12.07    | 16.00                    | 16.00 |
| 6056        | Purina Broiler Chow Finisher<br>(E) 1-MP Medicated                | 8.89     | 20.00                    | 22.25 |
| 6057        | Purina Broiler Chow MP Medicated                                  | 10.96    | 20.00                    | 21.25 |
| 5751        | Purina Broiler Chow Starter NC<br>Medicated                       | 10.46    | 23.00                    | 25.50 |
| 4620        | Purina Bulky Las                                                  | 12.22    | 10.00                    | 10.75 |
| 4939        | Purina Calf Startena (Coarse)                                     | 10.79    | 19.50                    | 20.25 |
| 5253        | Purina Calf Startena                                              | 10.00    | 19.50                    | 20.50 |
| 5500        | Purina Chick Chow (Fine)                                          | 12.73    | 9.00                     | 9.50  |
| 5494        | Purina Chick Chow (Coarse)                                        | 12.62    | 9.00                     | 9.00  |
| 5267        | Purina Chick Growena                                              | 10.22    | 17.00                    | 17.25 |
| 5964        | Purina Chick Startena ZO Med.                                     | 12.17    | 18.00                    | 19.25 |
| 5254        | Purina Cow Chow D 16%                                             | 11.72    | 16.00                    | 17.50 |
| 5362        | Purina Cow Chow D (B) 16%                                         | 10.80    | 16.00                    | 17.00 |
| 5489        | Purina Cow Chow D (B) 16% 1420                                    | 11.34    | 16.00                    | 18.00 |
| 5280        | Purina Cow Chow D 20%                                             | 10.79    | 20.00                    | 20.50 |
| 5255        | Purina Custom Developer                                           | 10.94    | 13.00                    | 14.50 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                                                 |
|--------------------------|-------|--------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                           |
| 6.00                     | 7.50  | 7.00                     | 3.54  |                                                                                                                                           |
| 1.00                     | 1.44  | 32.00                    | 25.29 |                                                                                                                                           |
| 1.00                     | 2.17  | 14.00                    | 12.25 |                                                                                                                                           |
| 2.50                     | 5.50  | 30.00                    | 19.60 | Chlortetracycline hydrochloride: Guar., 2 gms/lb.; not determined.                                                                        |
| 5.00                     | 6.08  | 3.00                     | 1.99  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0051%. Chlortetracycline hydrochloride: Guar., 0.025 gm/lb.; not determined. |
| 2.50                     | 2.40  | 10.00                    | 4.92  |                                                                                                                                           |
| 2.50                     | 3.94  | 10.00                    | 5.41  |                                                                                                                                           |
| 3.50                     | 3.73  | 4.50                     | 3.02  |                                                                                                                                           |
| 4.50                     | 9.03  | 4.50                     | 2.55  | Amprolium: Guar., 0.0125%; found, 0.0105%.                                                                                                |
| 3.00                     | 4.79  | 5.00                     | 2.56  | Amprolium: Guar., 0.0125%; found, 0.0104%.                                                                                                |
| 5.00                     | 5.98  | 5.00                     | 2.49  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0049%. Nicarbazin: Guar., 0.0125%; found, 0.0144%.                           |
| 1.00                     | 1.89  | 15.00                    | 12.10 |                                                                                                                                           |
| 2.50                     | 2.94  | 8.00                     | 4.84  |                                                                                                                                           |
| 5.00                     | 6.27  | 11.00                    | 8.14  |                                                                                                                                           |
| 2.00                     | 2.69  | 4.00                     | 1.09  |                                                                                                                                           |
| 2.00                     | 3.41  | 4.00                     | 1.47  |                                                                                                                                           |
| 3.00                     | 3.59  | 7.00                     | 5.93  |                                                                                                                                           |
| 3.00                     | 4.26  | 6.00                     | 3.92  | Zoalene: Guar., 0.0125%; found, 0.0126%.                                                                                                  |
| 2.50                     | 3.55  | 6.00                     | 3.86  |                                                                                                                                           |
| 2.50                     | 3.64  | 6.00                     | 5.72  |                                                                                                                                           |
| 2.50                     | 3.16  | 6.00                     | 3.73  |                                                                                                                                           |
| 2.50                     | 3.34  | 6.00                     | 5.96  |                                                                                                                                           |
| 2.50                     | 4.04  | 9.00                     | 7.95  |                                                                                                                                           |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                         | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|------------------------------------------------|----------|--------------------------|-------|
|             |                                                |          | Guaranteed not less than | Found |
| 5278        | Purina Complete Sow Chow                       | 11.54    | 16.00                    | 16.25 |
| 5499        | Purina D & F Chow                              | 10.50    | 12.50                    | 13.75 |
| 4919        | Purina D & F Chow (Coarse)                     | 11.79    | 12.50                    | 12.50 |
| 5252        | Purina Dairy Chow L 14% (Coarse)               | 9.87     | 14.00                    | 14.00 |
| 5363        | Purina Dairy Chow L 16%                        | 10.33    | 16.00                    | 16.00 |
| 5283        | Purina Duck Growena                            | 10.61    | 18.00                    | 19.25 |
| 4918        | Purina Eggena NE                               | 11.34    | 16.00                    | 16.50 |
| 5291        | Purina Eggena NE                               | 10.63    | 16.00                    | 16.00 |
| 4948        | Purina Game Bird Finisher                      | 11.25    | 20.00                    | 20.25 |
| 5262        | Purina Game Bird F & M Chow                    | 10.57    | 19.00                    | 19.00 |
| 5677        | Purina Game Bird Startena SQ<br>Medicated      | 9.69     | 30.00                    | 30.00 |
| 5281        | Purina Goat Chow (Coarse)                      | 11.66    | 16.00                    | 16.00 |
| 5496        | Purina Goat Chow Checkers 5515                 | 4.89     | 16.00                    | 16.06 |
| 5757        | Purina Hog Finisher No. 1 Med.                 | 11.12    | 14.00                    | 16.25 |
| 4946        | Purina Lay Chow                                | 10.26    | 22.00                    | 23.00 |
| 4621        | Purina Layena (Complete Ration)                | 11.49    | 16.00                    | 16.13 |
| 5827        | Purina Medicated Chek-R-Aid                    | 10.31    | 20.00                    | 20.50 |
| 4938        | Purina Milk Chow D 16% (Coarse)                | 13.07    | 16.00                    | 17.38 |
| 5488        | Purina Milk Chow D 16% 1445                    | 10.70    | 16.00                    | 16.25 |
| 5487        | Purina Milk Chow D 20% (Coarse)                | 11.66    | 20.00                    | 20.75 |
| 5491        | Purina Milk Chow D 20% 1453                    | 10.44    | 20.00                    | 21.75 |
| 4947        | Purina Mink Breeder Chow                       | 10.19    | 20.00                    | 23.25 |
| 5359        | Purina Mink Developer Chow                     | 9.57     | 20.00                    | 21.50 |
| 5498        | Purina Nursing Chow                            | 6.85     | 25.00                    | 27.75 |
| 4901        | Purina Omolene                                 | 11.40    | 10.00                    | 11.00 |
| 5753        | Purina Pig Startena Medicated                  | 10.82    | 18.00                    | 20.00 |
| 5956        | Purina Pullet Developer (F) ZO<br>Medicated    | 10.38    | 13.00                    | 13.00 |
| 5819        | Purina Rabbit Chow Checkers NF<br>SQ Medicated | 10.58    | 15.00                    | 16.50 |

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                                                                        |
|--------------------------|-------|--------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                                                  |
| 2.50                     | 3.12  | 6.00                     | 4.67  |                                                                                                                                                                  |
| 2.50                     | 3.60  | 11.00                    | 7.53  |                                                                                                                                                                  |
| 2.50                     | 2.60  | 11.00                    | 6.25  |                                                                                                                                                                  |
| 2.50                     | 2.69  | 12.00                    | 8.43  |                                                                                                                                                                  |
| 2.50                     | 3.04  | 12.00                    | 10.42 |                                                                                                                                                                  |
| 3.00                     | 3.61  | 5.00                     | 3.59  |                                                                                                                                                                  |
| 3.00                     | 4.29  | 4.50                     | 3.44  |                                                                                                                                                                  |
| 3.00                     | 4.40  | 4.50                     | 3.41  |                                                                                                                                                                  |
| 2.50                     | 3.34  | 6.00                     | 4.66  |                                                                                                                                                                  |
| 2.00                     | 3.57  | 12.00                    | 5.11  |                                                                                                                                                                  |
| 2.50                     | 3.40  | 6.50                     | 4.30  | Sulfaquinoxaline: Guar., 0.0175% found, 0.0192%.                                                                                                                 |
| 3.00                     | 3.29  | 9.00                     | 5.87  |                                                                                                                                                                  |
| 2.50                     | 3.59  | 8.00                     | 4.86  |                                                                                                                                                                  |
| 2.50                     | 3.80  | 7.00                     | 3.62  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.0025%; found, 0.0029%.                                                                                             |
| 3.50                     | 3.98  | 5.50                     | 3.91  |                                                                                                                                                                  |
| 3.50                     | 4.25  | 4.50                     | 3.21  |                                                                                                                                                                  |
| 4.50                     | 5.15  | 4.50                     | 4.36  | Furazolidone: Guar., 0.01%; found, 0.0102%. Chlortetracycline: Guar., 0.025 gm/lb; not determined. Terramycin hydrochloride: Guar., 0.025 gm/lb; not determined. |
| 2.50                     | 3.20  | 10.00                    | 7.04  |                                                                                                                                                                  |
| 2.50                     | 4.67  | 10.00                    | 6.08  |                                                                                                                                                                  |
| 2.50                     | 4.25  | 10.00                    | 6.56  |                                                                                                                                                                  |
| 2.50                     | 4.54  | 10.00                    | 5.24  |                                                                                                                                                                  |
| 3.00                     | 3.46  | 5.00                     | 3.26  |                                                                                                                                                                  |
| 2.50                     | 3.00  | 5.00                     | 4.65  |                                                                                                                                                                  |
| 2.50                     | 2.69  | 1.50                     | 0.72  |                                                                                                                                                                  |
| 3.00                     | 3.60  | 9.00                     | 6.66  |                                                                                                                                                                  |
| 4.00                     | 4.62  | 5.00                     | 3.22  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0055%. Terramycin Hydrochloride: Guar., 0.025 gm/lb; not determined.                                |
| 2.50                     | 4.69  | 9.00                     | 7.40  | Zoalene: Guar., 0.0083%; found, 0.0080%.                                                                                                                         |
| 2.00                     | 2.94  | 18.00                    | 13.32 | Furazolidone: Guar., 0.0055%; found, .0057%. Sulfaquinoxaline: Guar., 0.025%; found, 0.0226%.                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                               | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|------------------------------------------------------|----------|--------------------------|-------|
|             |                                                      |          | Guaranteed not less than | Found |
| 4902        | Purina Rabbit Chow Checkers                          | 9.39     | 15.00                    | 17.25 |
| 5497        | Purina Rabbit Chow Checkers                          | 4.96     | 15.00                    | 16.50 |
| 4623        | Purina Rabbit Chow Checkers 20%                      | 10.11    | 20.00                    | 21.50 |
| 5264        | Purina Rabbit Chow Checkers WO                       | 10.32    | 15.00                    | 16.00 |
| 5351        | Purina Range Checkers                                | 9.86     | 20.00                    | 15.25 |
| 5282        | Purina Roaster Chow                                  | 10.15    | 15.00                    | 16.25 |
| 5364        | Purina Silage Preserver                              | 11.37    | 10.00                    | 10.00 |
| 5263        | Purina Special Steer Fatena 32%                      | 9.97     | 32.00                    | 32.00 |
| 5754        | Purina Squab Broiler Chow 3 NC Medicated             | 12.01    | 20.00                    | 20.00 |
| 5493        | Purina Turkey Finisher No. 2                         | 11.21    | 13.50                    | 16.50 |
| 4940        | Purina Turkey Growena No. 1                          | 10.27    | 23.00                    | 23.00 |
| 4920        | Purina Turkey Growena No. 2                          | 9.79     | 20.00                    | 20.50 |
| 5265        | Purina Turkey Finisher No. 1                         | 10.00    | 15.00                    | 16.25 |
|             | READING MILLING CO., INC.<br>Reading, Pa.            |          |                          |       |
| 4618        | Faramel Rabbit Food Pellets                          | 10.35    | 16.00                    | 16.25 |
|             | RUSSELL MILLER-KING MIDAS<br>MILLS, Minn. 15, Minn.  |          |                          |       |
| 5327        | Occident Wheat Bran                                  | 11.29    | 15.00                    | 16.50 |
| 4709        | Occident Wheat Middlings                             | 10.52    | 16.00                    | 16.00 |
|             | WOLF SAVITSKY & SONS, INC.<br>Shelton, Conn.         |          |                          |       |
| 5696        | Wolf's Broiler Finisher Medicated                    | 10.94    | 19.00                    | 19.88 |
| 5301        | Wolf's Calf Starter                                  | 11.10    | 18.00                    | 18.25 |
| 5663        | Wolf's Complete Hi-Eff Egg<br>Breeder Mash Medicated | 11.23    | 16.00                    | 18.00 |
| 4635        | Wolf's Complete Hi-Eff Growing<br>Mash               | 12.11    | 16.00                    | 16.25 |
| 3109        | Wolf's Complete Hi-Eff Profit<br>Builder Medicated   | 12.12    | 16.00                    | 16.38 |
| 5697        | Wolf's Complete Hi-Eff Profit<br>Builder Medicated   | 11.54    | 16.00                    | 16.50 |
| 4706        | Wolf's 14% Dairy Ration                              | 11.43    | 14.00                    | 15.00 |
| 4634        | Wolf's 16% Dairy Ration                              | 12.25    | 16.00                    | 16.50 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                       |
|--------------------------|-------|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                 |
| 2.00                     | 3.09  | 18.00                    | 12.97 |                                                                                                                 |
| 2.00                     | 3.12  | 18.00                    | 12.93 |                                                                                                                 |
| 2.00                     | 2.55  | 16.00                    | 14.82 |                                                                                                                 |
| 2.00                     | 2.95  | 18.00                    | 12.99 |                                                                                                                 |
| 2.00                     | 3.68  | 10.00                    | 5.76  |                                                                                                                 |
| 4.00                     | 4.41  | 4.50                     | 2.98  |                                                                                                                 |
| 1.50                     | 1.66  | 18.00                    | 15.56 |                                                                                                                 |
| 1.50                     | 2.24  | 12.00                    | 7.49  |                                                                                                                 |
| 3.50                     | 3.84  | 4.50                     | 3.27  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0056%. Nicarbazin: Guar., 0.0125%; found, 0.0138%. |
| 4.00                     | 3.66  | 4.50                     | 3.63  |                                                                                                                 |
| 3.00                     | 3.60  | 6.50                     | 4.70  |                                                                                                                 |
| 3.00                     | 3.84  | 6.00                     | 4.27  |                                                                                                                 |
| 4.00                     | 3.89  | 4.50                     | 3.69  |                                                                                                                 |
| 3.00                     | 2.89  | 15.00                    | 13.71 |                                                                                                                 |
| 4.00                     | 4.04  | 11.00                    | 10.63 |                                                                                                                 |
| 4.00                     | 4.57  | 9.50                     | 10.05 |                                                                                                                 |
| 3.00                     | 3.12  | 4.00                     | 3.43  | Arsanilic acid: Guar., 0.0099%; found, 0.0100%.                                                                 |
| 2.75                     | 3.79  | 9.00                     | 2.95  |                                                                                                                 |
| 3.00                     | 3.15  | 4.00                     | 3.02  | Arsanilic acid: Guar., 0.0099%; found, 0.0117%.                                                                 |
| 3.00                     | 3.03  | 4.00                     | 2.99  |                                                                                                                 |
| 3.00                     | 3.48  | 4.00                     | 3.31  | Arsanilic acid: Guar., .0099%; found, .0106%.                                                                   |
| 3.00                     | 3.04  | 4.00                     | 3.66  | Arsanilic acid: Guar., 0.0099%; found, 0.0101%.                                                                 |
| 3.00                     | 4.00  | 9.00                     | 6.16  |                                                                                                                 |
| 3.00                     | 3.62  | 10.00                    | 7.00  |                                                                                                                 |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                               | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|------------------------------------------------------|----------|--------------------------|-------|
|             |                                                      |          | Guaranteed not less than | Found |
| 4705        | Wolf's Horse Feed                                    | 12.26    | 12.00                    | 13.00 |
| 4707        | Wolf's 16% Test Ration                               | 11.13    | 16.00                    | 18.25 |
|             | SCHENLEY DISTILLERS, INC.<br>New York, N. Y.         |          |                          |       |
| 5410        | Corn Distillers Dried Grains                         | 7.96     | 24.00                    | 25.25 |
| 3204        | Schenley's Soludri Corn Distillers<br>Dried Solubles | 9.11     | 24.00                    | 27.38 |
|             | GUSTAVE SCHMALTZ<br>Rockfall, Conn.                  |          |                          |       |
| 3092        | Schmaltz Special Dairy (New<br>Formula)              | 12.39    | 16.00                    | 17.88 |
| 3153        | Schmaltz Special Dairy (New<br>Formula)              | 12.22    | 16.00                    | 19.38 |
|             | SCHWAB BROS. MILLS, INC.<br>New Bavaria, Ohio        |          |                          |       |
| 3203        | Dehydrated Bavaria Brand Alfalfa<br>Meal 17%         | 7.39     | 17.00                    | 18.50 |
|             | SEABOARD SUPPLY CO.<br>Philadelphia, Pa.             |          |                          |       |
| 4896        | Dried Tomato Pomace                                  | 6.41     | 20.00                    | 20.50 |
|             | JOSEPH E. SEAGRAM & SONS,<br>INC., New York, N. Y.   |          |                          |       |
| 3202        | Seagram's Corn Distillers Dried<br>Solubles          | 7.98     | 25.00                    | 30.00 |
|             | SEYMOUR GRAIN & COAL CO.<br>Seymour, Conn.           |          |                          |       |
| 4676        | Miracle 14% Calf Grower                              | 11.28    | 14.00                    | 14.00 |
| 4678        | Miracle Dairy 16%                                    | 11.12    | 16.00                    | 16.13 |
| 4680        | Miracle Fitting Ration                               | 11.82    | 14.00                    | 12.50 |
| 5459        | Miracle Fitting Ration                               | 14.53    | 14.00                    | 13.75 |
| 5452        | Miracle Hi-Efficiency Grower                         | 11.31    | 16.00                    | 16.00 |
| 4674        | Miracle Hi-Energy All Mash Layer                     | 10.64    | 16.50                    | 16.50 |
| 5450        | Miracle 20% Laying Mash                              | 11.72    | 20.00                    | 21.00 |
| 4679        | Pasture Mix                                          | 10.55    | 9.00                     | 9.50  |
| 4675        | See More Milk Dairy Ration                           | 11.46    | 18.00                    | 18.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants |
|--------------------------|-------|--------------------------|-------|-----------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |           |
| 2.75                     | 3.09  | 10.00                    | 7.44  |           |
| 3.00                     | 4.28  | 9.00                     | 5.83  |           |
| --                       | 10.00 | --                       | 7.95  |           |
| 5.00                     | 12.41 | 4.00                     | 4.14  |           |
| --                       | 3.94  | --                       | 6.83  |           |
| --                       | 3.93  | --                       | 6.61  |           |
| 1.50                     | 4.28  | 27.00                    | 22.90 |           |
| 10.00                    | 10.91 | 34.00                    | 26.60 |           |
| 5.00                     | 7.26  | 5.00                     | 3.39  |           |
| 3.00                     | 2.88  | 8.00                     | 5.54  |           |
| 3.00                     | 4.54  | 9.00                     | 6.24  |           |
| 3.00                     | 3.09  | 8.00                     | 5.60  |           |
| 3.00                     | 4.79  | 8.00                     | 6.08  |           |
| 3.00                     | 3.79  | 5.50                     | 5.50  |           |
| 4.25                     | 5.06  | 4.75                     | 3.42  |           |
| 3.00                     | 5.16  | 6.50                     | 4.62  |           |
| 2.50                     | 2.20  | 20.00                    | 11.90 |           |
| 3.00                     | 3.84  | 9.50                     | 6.75  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                    | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|-----------------------------------------------------------|----------|--------------------------|-------|
|             |                                                           |          | Guaranteed not less than | Found |
|             | THE SHERWIN-WILLIAMS CO.<br>Cleveland, Ohio               |          |                          |       |
| 3210        | Sherwin-Williams 34% Linseed Oil Meal (Solvent Extracted) | 12.16    | 34.00                    | 36.38 |
| 5435        | Sherwin-Williams 44% Soybean Oil Meal (Solvent Extracted) | 12.21    | 44.00                    | 46.25 |
|             | SHERWOOD FEED MILLS, INC.<br>Baltimore, Md.               |          |                          |       |
| 5422        | Sherwood Brewer's Dried Grains                            | 8.32     | 26.00                    | 26.00 |
|             | SOUTHERN FRUIT DISTRIBUTORS<br>INC., Orlando, Fla.        |          |                          |       |
| 3095        | Bluebird Citrus Pulp                                      | 9.72     | 6.00                     | 6.00  |
| 5502        | Bluebird Citrus Pulp                                      | 12.50    | 6.00                     | 6.00  |
|             | A. E. STALEY MFG. CO.<br>Decatur, Illinois                |          |                          |       |
| 5406        | Staley's 44% Protein Solvent Extracted Soybean Oil Meal   | 10.78    | 44.00                    | 47.25 |
|             | F. W. STOCK & SONS<br>Hillsdale, Michigan                 |          |                          |       |
| 5440        | Stock's Wheat Middlings with Ground Wheat Screenings      | 11.01    | 14.00                    | 15.50 |
|             | SUNI-CITRUS PRODUCTS CO.<br>Haines City, Fla.             |          |                          |       |
| 4667        | Sweet Suni-Citrus Pulp                                    | 8.41     | 6.00                     | 6.75  |
|             | SUNSHINE BISCUITS, INC.<br>Grafton, Ohio                  |          |                          |       |
| 5105        | UMC Wheat Bran-Pure Wheat Bran                            | 10.93    | 13.00                    | 13.75 |
|             | S & W MILLS, INC.<br>Archbold, Ohio                       |          |                          |       |
| 5408        | Green Acres 17% Dehydrated Alfalfa Meal                   | 8.81     | 17.00                    | 17.25 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants |
|--------------------------|-------------|--------------------------|-------|-----------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |           |
| 0.50                     | 1.58        | 10.00                    | 7.96  |           |
| 0.50                     | 2.61        | 7.00                     | 5.79  |           |
| 6.00                     | <u>5.51</u> | 15.00                    | 9.06  |           |
| 2.50                     | 5.08        | 17.00                    | 13.18 |           |
| 2.50                     | 2.87        | 17.00                    | 13.53 |           |
| 0.50                     | 2.09        | 7.00                     | 7.00  |           |
| 4.00                     | 4.17        | 9.50                     | 9.37  |           |
| 3.00                     | 5.19        | 15.75                    | 12.86 |           |
| 3.00                     | 3.36        | 11.00                    | 9.84  |           |
| 1.50                     | 2.54        | 27.00                    | 23.51 |           |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                      | Moisture | Protein (N x 6.25)       |       |
|-------------|-------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                             |          | Guaranteed not less than | Found |
|             | SWIFT & COMPANY<br>Chicago, Illinois                        |          |                          |       |
| 5292        | Swift's 44% Protein Solvent Extracted Soybean Oil Meal      | 10.59    | 44.00                    | 45.75 |
| 3207        | Swift's 50% Protein Dehulled Solvent Extracted Soybean Meal | 10.92    | 50.00                    | 50.88 |
|             | T. H. TAYLOR CO., LTD.<br>Chatham, Ontario, Canada          |          |                          |       |
| 5299        | Beaver Wheat Bran                                           | 11.71    | 13.50                    | 15.50 |
|             | TRI ASSOCIATES, INC.<br>Minneapolis, Minn.                  |          |                          |       |
| 5477        | Tri's Grade A Brand Milk Replacer, Medicated                | 7.61     | 25.00                    | 25.25 |
|             | ULTRA-LIFE LABORATORIES, INC., East St. Louis, Illinois     |          |                          |       |
| 4672        | 34% Protein Solvent Extracted Linseed Oil Meal              | 10.62    | 34.00                    | 35.50 |
| 4677        | Ultra-Life Beef-Gro                                         | 9.10     | 26.00                    | 30.00 |
| 4681        | Ultra-Life Calf Food Pellets Medicated                      | 10.31    | 24.00                    | 24.00 |
| 5460        | Ultra-Life High Energy Poultry                              | 8.84     | 20.00                    | 23.75 |
| 5458        | Ultra-Life Livestock                                        | 7.86     | 24.00                    | 28.50 |
|             | UNITED CO-OPERATIVE FARMERS, INC., Fitchburg, Mass.         |          |                          |       |
| 5824        | UCF Booster 100 Medicated                                   | 10.41    | 17.00                    | 16.75 |
| 5825        | UCF Booster NF 100 Medicated                                | 10.43    | 17.00                    | 17.25 |
| 5220        | UCF 20% Dairy                                               | 11.26    | 20.00                    | 21.25 |
| 5221        | UCF Fitting Ration                                          | 10.44    | 14.00                    | 15.13 |
| 5225        | UCF HI NRG All Mash Layer                                   | 10.43    | 16.50                    | 17.50 |
| 5675        | UCF HI NRG Starter Medicated                                | 10.85    | 20.00                    | 21.25 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants                                                                                                                                                       |
|--------------------------|-------------|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |                                                                                                                                                                 |
| 0.50                     | 1.93        | 7.00                     | 4.08  |                                                                                                                                                                 |
| 0.50                     | 1.36        | 3.00                     | 2.47  |                                                                                                                                                                 |
| 3.00                     | 4.12        | 11.50                    | 9.21  |                                                                                                                                                                 |
| 4.50                     | 4.91        | 2.00                     | 1.17  | Chlortetracycline hydrochloride: Guar., 0.025 gm/lb.; not determined.                                                                                           |
| 0.50                     | 0.91        | 10.00                    | 8.74  |                                                                                                                                                                 |
| 5.00                     | <u>4.22</u> | 8.00                     | 6.02  |                                                                                                                                                                 |
| 3.00                     | 3.65        | 7.00                     | 0.69  |                                                                                                                                                                 |
| 7.00                     | 10.65       | 6.00                     | 5.50  |                                                                                                                                                                 |
| 1.00                     | 1.97        | 5.50                     | 3.73  |                                                                                                                                                                 |
| 4.00                     | 4.59        | 4.50                     | 2.92  | Bifuran: Guar., 0.0063%; found, 0.0054%. Chlortetracycline hydrochloride: Guar., 0.025 gm/lb.; not determined. Bacitracin: Guar., 0.025 gm/lb.; not determined. |
| 4.00                     | 5.87        | 4.50                     | 3.58  | Furazolidone: Guar., 0.011%; found, 0.0112%.                                                                                                                    |
| 3.00                     | 3.16        | 9.00                     | 6.69  |                                                                                                                                                                 |
| 3.00                     | 3.66        | 9.00                     | 6.95  |                                                                                                                                                                 |
| 4.50                     | 4.25        | 3.50                     | 3.50  |                                                                                                                                                                 |
| 4.00                     | 4.50        | 4.00                     | 3.52  | Sulfaquinoxaline: Guar., 0.0150% found, 0.0140%.                                                                                                                |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                     | Manufacturer and brand                | Moisture | Protein<br>(N x 6.25)    |       |
|-------------------------------------------------|---------------------------------------|----------|--------------------------|-------|
|                                                 |                                       |          | Guaranteed not less than | Found |
| 5217                                            | UCF Horse Feed                        | 12.52    | 9.00                     | 9.50  |
| 5223                                            | UCF Layer                             | 10.39    | 20.00                    | 20.00 |
| 6087                                            | UCF Medicated Booster 200             | 10.96    | 17.00                    | 17.00 |
| 5823                                            | UCF Medicated Booster NF 200          | 11.09    | 17.00                    | 16.75 |
| 5222                                            | UCF Medicated Hi-Po 200               | 10.48    | 17.00                    | 17.00 |
| 5224                                            | UCF Milk Replacer                     | 8.32     | 20.00                    | 21.00 |
| 5226                                            | UCF Sheep Creep Ration Pellets        | 10.87    | 15.00                    | 16.75 |
| 5219                                            | UCF Succulent Dairy                   | 10.39    | 9.00                     | 12.50 |
| UNITY FEEDS, INC.<br>Boston, Mass.              |                                       |          |                          |       |
| 5693                                            | Unity Super Starter Medicated         | 11.11    | 20.00                    | 20.25 |
| 5188                                            | Unity Dairy & Fitting Ration          | 12.48    | 14.00                    | 14.00 |
| 5187                                            | Unity Growing & Laying Mash           | 10.48    | 20.00                    | 20.00 |
| 5183                                            | Unity High Energy Breeder Mash        | 10.50    | 16.00                    | 16.50 |
| 5184                                            | Unity High Energy Laying Mash         | 10.67    | 15.00                    | 15.50 |
| 5182                                            | Unity 16% Milklets                    | 10.77    | 16.00                    | 18.00 |
| 5199                                            | Unity Pig & Hog Ration                | 10.49    | 17.00                    | 17.00 |
| 5752                                            | Unity Trim Medicated                  | 10.87    | 15.50                    | 16.50 |
| 5186                                            | Unity Turkey & Game Bird Growing Mash | 9.46     | 20.00                    | 22.50 |
| WARNER DOG FOOD CO., INC.<br>Brooklyn 22, N. Y. |                                       |          |                          |       |
| 5386                                            | Gold-N-Bone Shaped Biscuit            | 9.46     | 22.00                    | 22.50 |
| WILLIAM S. WARREN & SON<br>Eastford, Conn.      |                                       |          |                          |       |
| 5676                                            | Warren's Chick Starter Medicated      | 10.02    | 20.00                    | 20.00 |
| 4788                                            | Warren's Dairy Fitting Ration         | 12.05    | 12.00                    | 13.88 |
| 4786                                            | Warren's Dairy Pellets No. 1          | 11.13    | 16.00                    | 17.63 |
| 4827                                            | Warren's 16 Dairy Ration              | 12.75    | 16.00                    | 15.50 |
| 5334                                            | Warren's Dry & Freshening Ration      | 11.54    | 12.00                    | 12.75 |
| 4823                                            | Warren's Fitting Ration               | 12.31    | 14.00                    | 15.75 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                            |
|--------------------------|-------|--------------------------|-------|----------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                      |
| 3.00                     | 2.97  | 9.00                     | 5.78  |                                                                      |
| 5.00                     | 4.26  | 5.00                     | 4.40  |                                                                      |
| 4.00                     | 5.25  | 4.50                     | 3.00  | Chlortetracycline hydrochloride: Guar., 0.1 gms/lb.; not determined. |
| 4.00                     | 4.68  | 4.50                     | 3.31  | Furazolidone: Guar., 0.022%; found, 0.0201%.                         |
| 4.00                     | 5.56  | 4.50                     | 3.65  | Chlortetracycline hydrochloride: Guar., 0.1 gm/lb.; not determined.  |
| 2.00                     | 1.76  | 2.00                     | 1.90  |                                                                      |
| 2.50                     | 3.29  | 12.00                    | 8.05  |                                                                      |
| 2.00                     | 2.84  | 17.00                    | 11.41 |                                                                      |
| 3.00                     | 3.91  | 4.00                     | 3.25  | Nicarbazin: Guar., 0.010%; found, 0.0118%.                           |
| 3.50                     | 5.08  | 9.00                     | 7.03  |                                                                      |
| 3.00                     | 3.40  | 6.00                     | 5.40  |                                                                      |
| 3.00                     | 5.92  | 4.00                     | 3.59  |                                                                      |
| 4.00                     | 5.09  | 4.00                     | 3.15  |                                                                      |
| 3.50                     | 5.58  | 9.00                     | 6.63  |                                                                      |
| 3.00                     | 4.19  | 6.00                     | 4.92  |                                                                      |
| 3.00                     | 3.79  | 6.00                     | 4.60  | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0054%.  |
| 3.00                     | 4.39  | 5.00                     | 4.75  |                                                                      |
| 3.50                     | 3.89  | 2.00                     | 1.60  |                                                                      |
| 3.00                     | 3.89  | 5.50                     | 5.31  | Sulfaquinoxaline: Guar., 0.015% found, 0.0143%.                      |
| 3.00                     | 3.37  | 10.00                    | 8.64  |                                                                      |
| 3.00                     | 3.64  | 9.00                     | 8.17  |                                                                      |
| 3.00                     | 4.09  | 11.00                    | 7.82  |                                                                      |
| 3.00                     | 3.88  | 9.50                     | 7.38  |                                                                      |
| 3.00                     | 2.59  | 11.00                    | 8.17  |                                                                      |

TABLE I. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                           | Manufacturer and brand                         | Moisture | Protein (N x 6.25)       |       |
|-------------------------------------------------------|------------------------------------------------|----------|--------------------------|-------|
|                                                       |                                                |          | Guaranteed not less than | Found |
| 4792                                                  | Warren's Indian 16% Dairy                      | 12.01    | 16.00                    | 16.75 |
| 4824                                                  | Warren's Milk-Maker 15 Dairy Ration            | 12.46    | 15.00                    | 16.75 |
| 4790                                                  | Warren's Test Cow 16                           | 11.89    | 16.00                    | 17.63 |
| 4793                                                  | Warren's 20% Test Ration                       | 11.56    | 20.00                    | 20.75 |
| WATERTOWN CO-OPERATIVE ASS'N., INC., Watertown, Conn. |                                                |          |                          |       |
| 5476                                                  | Watertown Co-op 16% Dairy Feed                 | 11.32    | 16.00                    | 16.75 |
| H. K. WEBSTER CO., Lawrence, Mass.                    |                                                |          |                          |       |
| 5666                                                  | Blue Seal All-Mash Egg Ration Medicated        | 11.57    | 16.00                    | 16.75 |
| 5687                                                  | Blue Seal All-Mash Growing Ration Medicated    | 11.66    | 16.00                    | 16.75 |
| 5644                                                  | Blue Seal All-Mash Growing Ration SQ Medicated | 11.06    | 16.00                    | 16.75 |
| 5216                                                  | Blue Seal Calf Starter                         | 11.46    | 19.00                    | 19.25 |
| 5204                                                  | Blue Seal Chick Feed                           | 12.66    | 10.00                    | 2.00  |
| 5638                                                  | Blue Seal Chick Starter Medicated              | 11.31    | 20.00                    | 20.25 |
| 5441                                                  | Blue Seal Coarse 16 Dairy Ration               | 11.54    | 16.00                    | 17.00 |
| 5118                                                  | Blue Seal Coarse 20 Dairy Ration               | 11.00    | 20.00                    | 20.25 |
| 5201                                                  | Blue Seal Dairy Nuggets                        | 11.12    | 16.00                    | 21.50 |
| 5148                                                  | Blue Seal Egg Mash                             | 11.02    | 20.00                    | 20.50 |
| 5149                                                  | Blue Seal Fat & Finish Ration                  | 10.47    | 18.00                    | 18.25 |
| 5950                                                  | Blue Seal C-5 Finisher Medicated               | 10.26    | 20.00                    | 20.25 |
| 5442                                                  | Blue Seal Fitting Ration                       | 11.22    | 14.00                    | 15.75 |
| 4660                                                  | Blue Seal 770 Grower                           | 11.14    | 15.00                    | 15.50 |
| 4640                                                  | Blue Seal Horse Feed                           | 11.97    | 10.00                    | 11.50 |
| 4638                                                  | Blue Seal 880 Layer                            | 11.74    | 16.00                    | 16.50 |
| 6089                                                  | Blue Seal Medicated ORO Mix                    | 10.94    | 20.00                    | 21.00 |
| 5645                                                  | Blue Seal Medicated SQ Mix                     | 10.06    | 20.00                    | 21.63 |
| 4828                                                  | Blue Seal Milkers' Sixteen                     | 12.51    | 16.00                    | 16.00 |
| 4830                                                  | Blue Seal Milkers' Twenty                      | 11.97    | 20.00                    | 20.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |                 | Fiber                    |       | Medicants                                                                                      |
|--------------------------|-----------------|--------------------------|-------|------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found           | Guaranteed not more than | Found |                                                                                                |
| 3.00                     | 3.08            | 11.00                    | 8.02  |                                                                                                |
| 3.00                     | 3.82            | 8.00                     | 7.10  |                                                                                                |
| 3.50                     | <del>3.20</del> | 8.50                     | 8.31  |                                                                                                |
| 3.50                     | <del>3.08</del> | 10.00                    | 6.32  |                                                                                                |
| 4.00                     | 3.76            | 9.00                     | 7.19  |                                                                                                |
| 4.00                     | <del>3.62</del> | 3.50                     | 2.78  | Arsanilic acid: Guar., 0.01%; found, 0.0102%.                                                  |
| 4.00                     | 4.80            | 3.50                     | 2.80  | Arsanilic acid: Guar., 0.01%; found, 0.0092%.                                                  |
| 4.00                     | 4.29            | 3.50                     | 3.50  | Sulfaquinoxaline: Guar., 0.0175% found, 0.0180%. Arsanilic Acid: Guar., 0.01%; found, 0.0125%. |
| 3.00                     | 3.04            | 8.00                     | 6.37  |                                                                                                |
| 2.50                     | 3.89            | 4.00                     | 2.00  |                                                                                                |
| 3.50                     | 3.82            | 4.50                     | 4.23  | Sulfaquinoxaline: Guar., 0.0175% found, 0.0205%.                                               |
| 3.00                     | 4.54            | 8.50                     | 8.25  |                                                                                                |
| 3.00                     | 4.00            | 8.00                     | 7.84  |                                                                                                |
| 3.00                     | 3.15            | 9.00                     | 4.24  |                                                                                                |
| 3.50                     | 3.79            | 3.50                     | 3.16  |                                                                                                |
| 4.50                     | 4.40            | 3.50                     | 2.83  |                                                                                                |
| 6.50                     | 8.28            | 3.00                     | 2.43  | Zoalene: Guar., 0.0125%; found, 0.0104%.                                                       |
| 3.00                     | 4.00            | 9.00                     | 7.77  |                                                                                                |
| 3.00                     | 3.43            | 5.50                     | 4.16  |                                                                                                |
| 3.00                     | 3.96            | 9.00                     | 6.68  |                                                                                                |
| 3.50                     | <del>2.96</del> | 4.50                     | 3.32  |                                                                                                |
| 3.50                     | <del>3.74</del> | 3.50                     | 2.77  | Chlortetracycline hydrochloride: Guar., 0.1 gm/lb.; not determined.                            |
| 3.50                     | 3.99            | 3.50                     | 2.92  | Sulfaquinoxaline: Guar., 0.05%; found, 0.0426%.                                                |
| 3.00                     | 3.66            | 8.50                     | 6.93  |                                                                                                |
| 3.00                     | 3.51            | 8.50                     | 6.17  |                                                                                                |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                          | Manufacturer and brand                    | Moisture | Protein (N x 6.25)       |       |
|--------------------------------------|-------------------------------------------|----------|--------------------------|-------|
|                                      |                                           |          | Guaranteed not less than | Found |
| 5829                                 | Blue Seal NF-Mix Medicated                | 10.91    | 20.00                    | 20.75 |
| 5673                                 | Blue Seal Pig Feed Medicated              | 10.44    | 15.00                    | 16.75 |
| 5330                                 | Blue Seal Poultry & Turkey Fitting        | 12.04    | 12.00                    | 12.75 |
| 6082                                 | Blue Seal Poultry Wormer                  | 10.37    | 16.00                    | 18.25 |
| 5674                                 | Blue Seal Rabbit Pellets Medicated        | 10.21    | 20.00                    | 21.75 |
| 5202                                 | Blue Seal Standard "14" Fitting Ration    | 11.57    | 16.00                    | 15.25 |
| 4639                                 | Blue Seal Standard "16" Dairy Ration      | 11.85    | 16.00                    | 16.25 |
| 5200                                 | Blue Seal Standard 20 Dairy Ration        | 11.95    | 20.00                    | 20.00 |
| 4661                                 | Blue Seal Succulent Feed & Calving Ration | 11.50    | 13.00                    | 14.50 |
| 5695                                 | Blue Seal Super Breeder's Mash Medicated  | 10.67    | 20.00                    | 20.00 |
| 4831                                 | Blue Seal Test Ration                     | 12.40    | 18.00                    | 18.75 |
| 5150                                 | Blue Seal Turkey Growing                  | 10.61    | 20.00                    | 20.00 |
| WEST-NESBITT, INC.<br>Oneonta, N. Y. |                                           |          |                          |       |
| 4654                                 | All Pure Milk Ration                      | 11.05    | 20.00                    | 20.75 |
| 4727                                 | Cream-Line Dairy-Test Ration              | 12.73    | 18.00                    | 18.00 |
| 6051                                 | Pure Feed Broiler Starter Med.            | 11.50    | 22.00                    | 23.00 |
| 4723                                 | Pure Feed Complete Grower                 | 10.86    | 14.00                    | 15.13 |
| 5344                                 | Pure Feed Complete Layer                  | 10.75    | 17.00                    | 17.75 |
| 5343                                 | Pure Feed Complete Rabbit Pellets         | 11.00    | 16.00                    | 16.75 |
| 4722                                 | Pure Feed 16% Dairy Ration                | 11.47    | 16.00                    | 18.75 |
| 5346                                 | Pure Feed Dairy-Test Ration               | 11.52    | 18.00                    | 19.25 |
| 4655                                 | Pure Feed Egg & Breeder                   | 11.20    | 22.00                    | 22.00 |
| 4725                                 | Pure Feed Egg Maker                       | 11.17    | 20.00                    | 20.00 |
| 5348                                 | Pure Feed Grower                          | 11.20    | 18.00                    | 18.00 |
| 4726                                 | Pure Feed Horse Ration                    | 12.84    | 9.00                     | 10.38 |
| 5345                                 | Pure Feed Sweet "16"                      | 11.26    | 16.00                    | 16.13 |
| 5347                                 | Pure Feed Swine Ration                    | 9.73     | 16.00                    | 16.00 |
| 4720                                 | Pure Feed Turkey Finisher                 | 11.17    | 14.00                    | 14.00 |
| 4721                                 | Pure Feed Turkey Grower                   | 10.23    | 22.00                    | 21.25 |
| 5349                                 | West-Nesbitt Milk Replacer                | 4.50     | 21.00                    | 21.75 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                                             |
|--------------------------|-------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                       |
| 3.50                     | 3.70  | 3.50                     | 3.26  | Furazolidone: Guar., 0.022%; found, 0.0202%.<br>Arsanilic acid: Guar., 0.01%; found, 0.0107%.                                         |
| 4.00                     | 4.57  | 6.00                     | 4.61  |                                                                                                                                       |
| 2.50                     | 5.20  | 5.50                     | 4.45  | Phenothiazine: Guar., .600%; found, .350%. Piperazine: Guar., .100%; not determined.<br>Arsanilic acid: Guar., 0.01%; found, 0.0100%. |
| 3.50                     | 4.78  | 4.00                     | 2.88  |                                                                                                                                       |
| 3.00                     | 3.34  | 12.00                    | 7.91  |                                                                                                                                       |
| 3.50                     | 4.29  | 9.00                     | 7.47  |                                                                                                                                       |
| 3.50                     | 4.06  | 8.50                     | 7.15  |                                                                                                                                       |
| 3.00                     | 3.17  | 8.00                     | 8.00  |                                                                                                                                       |
| 2.50                     | 2.72  | 12.00                    | 5.36  |                                                                                                                                       |
| 4.00                     | 4.49  | 3.50                     | 3.13  | Arsanilic acid: Guar., 0.01%; found, 0.0091%.                                                                                         |
| 3.00                     | 3.49  | 8.50                     | 6.61  |                                                                                                                                       |
| 4.50                     | 5.54  | 4.00                     | 3.62  |                                                                                                                                       |
| 3.00                     | 2.81  | 9.00                     | 8.18  |                                                                                                                                       |
| 3.50                     | 3.54  | 8.00                     | 6.84  |                                                                                                                                       |
| 3.50                     | 4.65  | 4.00                     | 2.52  | Amprolium: Guar., 0.0125%; found, 0.0107%.                                                                                            |
| 3.00                     | 4.23  | 8.00                     | 4.58  |                                                                                                                                       |
| 3.00                     | 3.89  | 4.50                     | 3.29  |                                                                                                                                       |
| 3.00                     | 3.91  | 14.00                    | 10.36 |                                                                                                                                       |
| 3.50                     | 3.75  | 8.00                     | 6.21  |                                                                                                                                       |
| 3.50                     | 3.42  | 8.00                     | 5.76  |                                                                                                                                       |
| 3.00                     | 3.94  | 8.00                     | 3.84  |                                                                                                                                       |
| 3.00                     | 3.95  | 6.50                     | 4.58  |                                                                                                                                       |
| 3.00                     | 3.85  | 5.00                     | 4.28  |                                                                                                                                       |
| 3.00                     | 3.22  | 10.00                    | 6.81  |                                                                                                                                       |
| 3.50                     | 4.08  | 9.00                     | 5.92  |                                                                                                                                       |
| 4.00                     | 4.65  | 8.00                     | 6.23  |                                                                                                                                       |
| 4.00                     | 4.40  | 5.00                     | 3.43  |                                                                                                                                       |
| 3.00                     | 3.99  | 5.50                     | 3.72  |                                                                                                                                       |
| 8.50                     | 8.50  | 0.50                     | 0.25  |                                                                                                                                       |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                   | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|--------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                          |          | Guaranteed not less than | Found |
| 5590        | A. C. WETHERELL<br>Suffield, Conn.<br>Special Dairy Ration No. 3         | 11.21    | 16.00                    | 15.00 |
| 3220        | WHITMOYER LABORATORIES,<br>INC., Myerstown, Pa.<br>Flav-A-Dee            | 7.09     | 38.00                    | 42.50 |
| 5304        | THE GEO. WIEDEMANN BREWING<br>CO., Newport, Ky.<br>Brewer's Dried Grains | 7.01     | 24.00                    | 31.00 |
| 4910        | WIRTHMORE FEEDS INC.<br>Waltham, Mass.<br>Apex 16% Dairy Feed            | 12.11    | 16.00                    | 18.00 |
| 5229        | Big W 16 Dairy Feed                                                      | 10.52    | 16.00                    | 16.50 |
| 5582        | Producer All Pellet 16 Dairy Feed                                        | 10.38    | 16.00                    | 18.25 |
| 4609        | Red Seal All Pellet 16 Dairy Feed                                        | 10.50    | 16.00                    | 18.75 |
| 4907        | Wirthmore Baby Chick Scratch                                             | 13.41    | 9.00                     | 9.63  |
| 4879        | Wirthmore Big W 16 Dairy Feed                                            | 12.22    | 16.00                    | 17.25 |
| 5586        | Wirthmore Breeder Mash                                                   | 10.76    | 20.00                    | 22.25 |
| 5701        | Wirthmore Cage Layer Medicated                                           | 11.17    | 16.50                    | 17.75 |
| 5478        | Wirthmore Calf Starter                                                   | 9.98     | 22.00                    | 25.00 |
| 4719        | Wirthmore Calving Feed                                                   | 11.36    | 14.00                    | 15.50 |
| 5642        | Wirthmore Chick Starter 400<br>Medicated                                 | 11.47    | 20.00                    | 20.00 |
| 5448        | Wirthmore Coarse Test Dairy Feed                                         | 10.87    | 16.00                    | 17.25 |
| 6096        | Wirthmore Commercial High Calorie<br>Broiler Starter A607<br>Medicated   | 11.10    | 25.00                    | 25.00 |
| 4909        | Wirthmore Complete Turkey<br>Fattening Ration                            | 12.06    | 14.00                    | 15.75 |
| 5957        | Wirthmore Complete Turkey Growing<br>Ration 442 Medicated                | 11.11    | 18.00                    | 19.38 |
| 5285        | Wirthmore 14 Dairy Feed                                                  | 11.66    | 14.00                    | 14.50 |
| 4880        | Wirthmore 16 Dairy Feed                                                  | 12.16    | 16.00                    | 16.25 |
| 5433        | Wirthmore 20 Dairy Feed                                                  | 11.77    | 20.00                    | 20.00 |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                 |
|--------------------------|-------|--------------------------|-------|-----------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                           |
| 3.50                     | 3.79  | 9.00                     | 8.22  |                                                           |
| 9.00                     | 10.31 | 5.00                     | 4.21  |                                                           |
| 5.00                     | 6.96  | 15.00                    | 10.03 |                                                           |
| 3.00                     | 3.58  | 9.00                     | 7.46  |                                                           |
| 3.50                     | 3.65  | 10.00                    | 7.42  |                                                           |
| 3.00                     | 4.97  | 12.00                    | 9.66  |                                                           |
| 3.50                     | 4.49  | 12.00                    | 8.71  |                                                           |
| 2.50                     | 1.71  | 4.00                     | 1.11  |                                                           |
| 3.00                     | 3.19  | 10.00                    | 7.76  |                                                           |
| 3.50                     | 4.40  | 5.50                     | 3.12  |                                                           |
| 3.50                     | 4.23  | 4.50                     | 3.02  | Sodium arsenilate: Guar., 0.0088%; found, 0.0099%.        |
| 4.00                     | 4.31  | 6.00                     | 4.25  |                                                           |
| 3.50                     | 3.64  | 9.00                     | 6.39  |                                                           |
| 4.00                     | 4.98  | 5.00                     | 4.42  | Sulfaquinoxaline: Guar., 0.0175%; found, 0.0158%.         |
| 4.00                     | 5.00  | 8.00                     | 6.27  |                                                           |
| 8.00                     | 10.02 | 3.00                     | 3.00  | Amprolium: Guar., 0.0125%; found, 0.0132%.                |
| 3.00                     | 3.69  | 5.00                     | 3.67  |                                                           |
| 3.00                     | 4.60  | 5.50                     | 4.20  | 4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0224%. |
| 3.50                     | 3.46  | 9.00                     | 7.92  |                                                           |
| 3.50                     | 3.41  | 9.00                     | 6.74  |                                                           |
| 3.50                     | 4.54  | 9.00                     | 6.57  |                                                           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                       | Moisture | Protein (N x 6.25)       |       |
|-------------|------------------------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                              |          | Guaranteed not less than | Found |
| 5730        | Wirthmore .007% Dienestrol Diacetate Mixture in Wirthmore Finisher Medicated | 9.96     | 17.00                    | 19.50 |
| 4611        | Wirthmore FW Complete Growing Ration                                         | 11.79    | 15.00                    | 15.00 |
| 4911        | Wirthmore Grow & Egg Mash                                                    | 10.76    | 20.00                    | 20.63 |
| 5479        | Wirthmore 18 Hi-Cal Dairy Feed                                               | 11.76    | 18.00                    | 18.00 |
| 4877        | Wirthmore Fodder Greens                                                      | 12.20    | 10.00                    | 11.75 |
| 5485        | Wirthmore 14 Hi-Cal Dairy Feed                                               | 10.54    | 14.00                    | 17.25 |
| 5230        | Wirthmore 16 Hi-Cal Dairy Feed                                               | 10.78    | 16.00                    | 16.50 |
| 4718        | Wirthmore Hi-Ener-G 16                                                       | 10.76    | 16.00                    | 16.00 |
| 5668        | Wirthmore Hi-Ener-G Layer Medicated                                          | 10.82    | 16.00                    | 16.75 |
| 5312        | Wirthmore Hog Grower                                                         | 10.39    | 15.00                    | 15.50 |
| 4903        | Wirthmore Horse Feed                                                         | 12.94    | 10.00                    | 11.75 |
| 6054        | Wirthmore Improved Hi-Ener-G Broiler Ration A 434 Med.                       | 10.50    | 22.00                    | 22.00 |
| 4912        | Wirthmore Meatless Mink Food                                                 | 10.42    | 12.00                    | 14.63 |
| 5284        | Wirthmore Medicated Quickies                                                 | 10.96    | 20.00                    | 20.00 |
| 6095        | Wirthmore Medicated Quick Perk                                               | 11.00    | 20.00                    | 22.50 |
| 5826        | Wirthmore Medicated Treat 431                                                | 12.44    | 20.00                    | 20.00 |
| 5504        | Wirthmore Milk Mizer 217                                                     | 8.09     | 28.00                    | 28.00 |
| 4610        | Wirthmore Mink Food                                                          | 9.70     | 23.00                    | 24.00 |
| 5321        | Wirthmore New Hope Horse Feed                                                | 10.84    | 10.00                    | 10.75 |
| 5228        | Wirthmore O. P. M. Scratch                                                   | 12.06    | 9.00                     | 9.00  |
| 5486        | Wirthmore Pig & Sow Feed                                                     | 10.36    | 16.00                    | 17.00 |
| 5227        | Wirthmore Poultry Fitting                                                    | 12.32    | 11.50                    | 11.50 |
| 6088        | Wirthmore Poultry Wormer                                                     | 10.81    | 18.00                    | 18.75 |
| 4904        | Wirthmore Rabbit Pellets                                                     | 9.64     | 16.00                    | 18.38 |
| 5155        | Wirthmore 16 Record Dairy Feed                                               | 12.00    | 16.00                    | 16.00 |
| 4908        | Wirthmore 14 Record Fitting Feed                                             | 12.31    | 14.00                    | 15.00 |
| 6097        | Wirthmore Roaster Finisher A 436 Medicated                                   | 11.26    | 18.00                    | 18.00 |
| 5313        | Wirthmore Scratch                                                            | 12.26    | 9.00                     | 9.00  |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                                                                          |
|--------------------------|-------|--------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                                                                                    |
| 4.00                     | 6.19  | 4.50                     | 3.25  | Nicarbazin: Guar., 0.0125%; found, 0.0144%. Sodium arsenilate: Guar., 0.0088%; found, 0.0072%. Dienestrol diacetate Guar., 0.007%; not determined. |
| 3.00                     | 3.79  | 6.00                     | 4.86  |                                                                                                                                                    |
| 4.00                     | 4.15  | 5.00                     | 3.93  |                                                                                                                                                    |
| 4.00                     | 3.54  | 8.00                     | 5.67  |                                                                                                                                                    |
| 2.00                     | 2.69  | 20.00                    | 11.61 |                                                                                                                                                    |
| 4.00                     | 4.99  | 8.00                     | 6.52  |                                                                                                                                                    |
| 4.00                     | 3.94  | 8.00                     | 6.80  |                                                                                                                                                    |
| 4.00                     | 4.09  | 4.50                     | 4.02  |                                                                                                                                                    |
| 4.50                     | 4.66  | 4.50                     | 3.22  | Sodium Arsanilate: Guar., 0.0088%; found, 0.0115%.                                                                                                 |
| 4.00                     | 4.00  | 6.00                     | 4.19  |                                                                                                                                                    |
| 3.00                     | 3.15  | 9.00                     | 4.51  |                                                                                                                                                    |
| 5.50                     | 6.25  | 3.50                     | 2.42  | Amprolium: Guar., 0.0125%; found, 0.0089%.                                                                                                         |
| 5.00                     | 6.51  | 5.00                     | 3.25  |                                                                                                                                                    |
| 3.50                     | 4.96  | 4.50                     | 4.18  |                                                                                                                                                    |
| 5.00                     | 7.24  | 4.00                     | 3.12  |                                                                                                                                                    |
| 3.50                     | 4.99  | 4.50                     | 3.64  | Furazolidone: Guar., 0.022%; found, 0.0154%.                                                                                                       |
| 4.00                     | 4.59  | 2.25                     | 1.33  |                                                                                                                                                    |
| 7.00                     | 7.12  | 4.00                     | 2.95  |                                                                                                                                                    |
| 2.50                     | 2.60  | 12.00                    | 8.57  |                                                                                                                                                    |
| 3.00                     | 3.24  | 5.00                     | 3.55  |                                                                                                                                                    |
| 3.50                     | 4.08  | 6.00                     | 5.12  |                                                                                                                                                    |
| 2.50                     | 2.58  | 6.50                     | 4.55  |                                                                                                                                                    |
| 4.50                     | 8.04  | 4.00                     | 3.20  | Phenothiazine: Guar., 0.45%; found, 0.290%. Piperazine: Guar., 0.125%; not determined.                                                             |
| 3.00                     | 3.73  | 15.00                    | 10.88 |                                                                                                                                                    |
| 3.50                     | 3.50  | 8.50                     | 6.15  |                                                                                                                                                    |
| 3.50                     | 3.39  | 8.00                     | 5.75  |                                                                                                                                                    |
| 4.50                     | 6.41  | 4.00                     | 3.35  | Amprolium: Guar., 0.0125%; found, 0.0130%.                                                                                                         |
| 2.50                     | 3.79  | 4.00                     | 3.91  |                                                                                                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                        | Manufacturer and brand                             | Moist-<br>ure | Protein<br>(N x 6.25)               |              |
|----------------------------------------------------|----------------------------------------------------|---------------|-------------------------------------|--------------|
|                                                    |                                                    |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 5958                                               | Wirthmore Squab Broiler Z450<br>Medicated          | 10.35         | 20.00                               | 21.25        |
| 5369                                               | Wirthmore Stock Primer                             | 11.50         | 14.00                               | 16.00        |
| 5156                                               | Wirthmore Twin Mix Calf Feed                       | 11.46         | 18.00                               | 20.25        |
| 5484                                               | Wirthmore 16 Ultra-Gal Pellets<br>Dairy Feed 537A  | 11.13         | 16.00                               | 18.50        |
| THE YANTIC GRAIN & PRODUCTS<br>CO., Norwich, Conn. |                                                    |               |                                     |              |
| 4712                                               | Big Y Calf & Beef Ration                           | 12.79         | 10.00                               | 12.25        |
| 5505                                               | Big Y Calf Starter & Builder                       | 11.69         | 17.00                               | 19.75        |
| 3093                                               | Big Y Calving Ration                               | 11.44         | 14.00                               | 14.13        |
| 5412                                               | Big Y Calving Ration                               | 10.55         | 14.00                               | <u>12.50</u> |
| 4714                                               | Big Y Chlorotetracycline<br>(Aureomycin) Mixture   | 10.92         | 15.00                               | 16.50        |
| 4933                                               | Big Y Chlorotetracycline<br>(Aureomycin) Mixture   | 11.36         | 15.00                               | 16.00        |
| 4715                                               | Big Y Controlled Growing Ration                    | 10.31         | 15.00                               | 16.00        |
| 5161                                               | Big Y Dairy & Fitting Ration<br>(Coarse)           | 11.42         | 14.00                               | 14.13        |
| 4716                                               | Big Y 16% Dairy Ration                             | 12.26         | 16.00                               | <u>15.00</u> |
| 5181                                               | Big Y 20% Dairy Ration                             | 11.96         | 20.00                               | <u>16.00</u> |
| 5162                                               | Big Y Dairy Ration-Hi-G                            | 10.99         | 16.00                               | 18.00        |
| 5425                                               | Big Y Dairy Ration 14 Purity<br>No Filler (Coarse) | 12.33         | 14.00                               | 15.75        |
| 5114                                               | Big Y Dairy Ration 16 Purity                       | 10.51         | 16.00                               | 16.25        |
| 4882                                               | Big Y Dairy Ration 18%                             | 10.71         | 18.00                               | 18.00        |
| 4892                                               | Big Y Dairy Supplement 32%                         | 10.66         | 32.00                               | <u>29.25</u> |
| 4936                                               | Big Y Energized 16 Dairy Feed                      | 10.22         | 16.00                               | <u>15.00</u> |
| 5690                                               | Big Y Extra Production Laying<br>Mash Medicated    | 10.66         | 16.00                               | 16.00        |
| 5820                                               | Big Y Extra Production Laying<br>Mash Medicated    | 11.24         | 16.00                               | 16.75        |
| 5424                                               | Big Y Fitting Ration                               | 11.00         | 12.00                               | 13.75        |
| 4711                                               | Big Y Hi-Efficiency Grower                         | 11.21         | 15.00                               | 15.00        |
| 5640                                               | Big Y Hi-Efficiency Grower<br>Medicated            | 11.54         | 15.00                               | 16.25        |

           indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                                                                  |                                                                      |
|--------------------------|-------|--------------------------|-------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                                                            |                                                                      |
| 4.50                     | 6.34  | 4.50                     | 3.16  | Zoalene: Guar., 0.0125%; found, 0.0117%.                                                   |                                                                      |
| 3.00                     | 3.52  | 8.50                     | 6.32  |                                                                                            |                                                                      |
| 3.00                     | 3.14  | 7.00                     | 4.84  |                                                                                            |                                                                      |
| 5.00                     | 5.04  | 6.00                     | 4.14  |                                                                                            |                                                                      |
| 3.00                     | 3.09  | 9.00                     | 6.28  | Chlortetracycline hydrochloride: Guar., 0.1 gm/lb.; not determined.                        |                                                                      |
| 2.50                     | 3.21  | 7.50                     | 5.80  |                                                                                            |                                                                      |
| 3.50                     | 4.26  | 11.00                    | 9.04  |                                                                                            |                                                                      |
| 3.50                     | 3.76  | 11.00                    | 8.67  |                                                                                            |                                                                      |
| 3.50                     | 3.83  | 5.00                     | 3.98  |                                                                                            |                                                                      |
| 3.50                     | 4.31  | 5.00                     | 3.92  |                                                                                            | Chlortetracycline hydrochloride: Guar., 0.05 gm/lb.; not determined. |
| 3.00                     | 3.31  | 10.00                    | 8.12  |                                                                                            |                                                                      |
| 3.50                     | 3.89  | 9.00                     | 7.94  |                                                                                            | Arsanilic acid: Guar., 0.01%; found, 0.0120%.                        |
| 3.50                     | 3.64  | 8.50                     | 6.57  |                                                                                            |                                                                      |
| 3.00                     | 3.74  | 9.00                     | 7.16  |                                                                                            |                                                                      |
| 3.00                     | 3.76  | 11.00                    | 7.79  |                                                                                            |                                                                      |
| 3.50                     | 3.58  | 9.00                     | 7.67  |                                                                                            |                                                                      |
| 3.50                     | 3.99  | 9.00                     | 7.87  |                                                                                            |                                                                      |
| 3.00                     | 3.23  | 9.00                     | 7.54  |                                                                                            |                                                                      |
| 2.00                     | 2.88  | 8.00                     | 5.62  |                                                                                            |                                                                      |
| 4.00                     | 4.62  | 6.50                     | 6.34  |                                                                                            |                                                                      |
| 4.00                     | 3.84  | 5.00                     | 4.40  | Arsanilic acid: Guar., 0.01%; found, 0.0112%. Furazolidone: Guar., 0.011%; found, 0.0118%. |                                                                      |
| 4.00                     | 3.76  | 5.00                     | 4.93  |                                                                                            |                                                                      |
| 3.00                     | 3.85  | 10.00                    | 8.76  | Sulfaquinoxaline: Guar., 0.0175%; found, 0.0173%.                                          |                                                                      |
| 3.50                     | 4.23  | 5.00                     | 4.32  |                                                                                            |                                                                      |
| 3.50                     | 4.04  | 5.00                     | 4.50  |                                                                                            |                                                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                          | Moisture | Protein<br>(N x 6.25)    |       |
|-------------|-----------------------------------------------------------------|----------|--------------------------|-------|
|             |                                                                 |          | Guaranteed not less than | Found |
| 4693        | Big Y Hi-Efficiency Laying Mash                                 | 11.46    | 16.00                    | 16.00 |
| 4717        | Big Y Hi-Efficiency Laying Mash<br>12000 Vit. A                 | 10.76    | 16.00                    | 16.25 |
| 4934        | Big Y Hi-G Scratch Feed                                         | 12.47    | 9.00                     | 9.50  |
| 5962        | Big Y Histostat Mixture Mixed<br>with Big Y Turkey Fattener     | 10.56    | 17.00                    | 18.50 |
| 5743        | Big Y Histostat Mixture Mixed<br>with Big Y Turkey Growing Feed | 10.30    | 20.00                    | 21.50 |
| 5746        | Big Y Histostat Mixture Mixed<br>with Big Y Turkey Growing Feed | 10.86    | 20.00                    | 21.25 |
| 4935        | Big Y Hog & Pig Ration                                          | 11.00    | 17.00                    | 16.25 |
| 5388        | Big Y Horse Feed                                                | 12.20    | 10.00                    | 10.00 |
| 4694        | Big Y Improved Broiler Finisher                                 | 10.86    | 19.00                    | 18.75 |
| 6059        | Big Y Improved Broiler Finisher<br>Medicated                    | 11.41    | 19.00                    | 20.00 |
| 6049        | Big Y Improved Broiler Ration<br>Medicated                      | 11.41    | 21.00                    | 23.25 |
| 5728        | Big Y Improved Broiler & Starter<br>Ration Medicated            | 10.69    | 21.00                    | 21.50 |
| 5423        | Big Y Improved Turkey Starter<br>& Game Bird Feed               | 9.97     | 28.00                    | 29.00 |
| 4881        | Big Y 20% Laying Mash                                           | 10.43    | 20.00                    | 20.00 |
| 5822        | Big Y 20% Laying Mash Medicated                                 | 10.20    | 20.00                    | 20.00 |
| 5179        | Big Y M & O Growing Feed                                        | 11.07    | 18.00                    | 18.25 |
| 6048        | Big Y Peerless Broiler Ration<br>Medicated                      | 11.26    | 23.00                    | 24.00 |
| 5116        | Big Y Poultry Fitting Ration                                    | 12.44    | 10.00                    | 10.75 |
| 5726        | Big Y Pre-Starter Medicated                                     | 9.20     | 26.00                    | 27.25 |
| 6060        | Big Y Pre-Starter Medicated                                     | 9.68     | 26.00                    | 27.75 |
| 4695        | Big Y Rabbit Pellets                                            | 10.32    | 16.00                    | 16.00 |
| 5641        | Big Y Rabbit Pellets Medicated                                  | 10.11    | 16.00                    | 16.75 |

~ Indicates deficiencies

## INSPECTION OF 1961

| Fat                      |             | Fiber                    |       | Medicants                                                                                                                        |
|--------------------------|-------------|--------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|
| Guaranteed not less than | Found       | Guaranteed not more than | Found |                                                                                                                                  |
| 3.50                     | 3.87        | 4.00                     | 2.90  |                                                                                                                                  |
| 3.50                     | 3.78        | 4.00                     | 2.92  |                                                                                                                                  |
| 2.00                     | 2.59        | 5.00                     | 4.01  |                                                                                                                                  |
| 3.50                     | 4.39        | 6.00                     | 5.03  |                                                                                                                                  |
| 3.50                     | 3.65        | 6.00                     | 3.59  | 4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0237%.<br>Chlortetracycline hydrochloride: Guar., 50 gms/ton; not determined. |
| 3.50                     | 3.69        | 6.00                     | 3.20  | 4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0277%.                                                                        |
| 3.50                     | 3.54        | 8.00                     | 7.29  |                                                                                                                                  |
| 2.50                     | 3.34        | 9.00                     | 6.81  |                                                                                                                                  |
| 5.00                     | 4.89        | 4.00                     | 3.15  |                                                                                                                                  |
| 5.00                     | 4.90        | 4.00                     | 2.17  | Amprolium: Guar., 0.0125%; found, 0.0133%.                                                                                       |
| 5.00                     | 5.39        | 4.00                     | 2.43  | Amprolium: Guar., 0.0125%; found, 0.0137%.                                                                                       |
| 5.00                     | <u>4.54</u> | 4.00                     | 2.83  | Nicarbazin: Guar., 0.0125%; found, 0.0126%. Arsanilic acid: Guar., 0.0095%; found, 0.0106%.                                      |
| 3.50                     | 3.54        | 5.00                     | 5.00  |                                                                                                                                  |
| 3.50                     | 3.74        | 6.00                     | 5.50  |                                                                                                                                  |
| 3.50                     | 3.81        | 6.00                     | 6.00  | Furazolidone: Guar., 0.011%; found, 0.0105%.                                                                                     |
| 3.50                     | 3.99        | 6.00                     | 4.10  |                                                                                                                                  |
| 5.50                     | 7.09        | 4.00                     | 2.56  | Amprolium: Guar., 0.0125%; found, 0.0118%.                                                                                       |
| 3.00                     | 3.00        | 8.00                     | 4.17  |                                                                                                                                  |
| 8.00                     | 3.96        | 3.50                     | 2.89  | Nicarbazin: Guar., 0.0125%; found, 0.0134%. Arsanilic acid: Guar., 0.0095%; found, 0.0095%.                                      |
| 8.00                     | 8.32        | 3.50                     | 2.24  | Amprolium: Guar., 0.0125%; found, 0.0103%.                                                                                       |
| 3.00                     | 3.23        | 10.00                    | 9.75  |                                                                                                                                  |
| 3.00                     | 3.44        | 10.00                    | 9.72  | Sulfadiazine: Guar., 0.025%; found, 0.0272%.                                                                                     |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                         | Moisture | Protein (N x 6.25)       |                  |
|-------------|------------------------------------------------|----------|--------------------------|------------------|
|             |                                                |          | Guaranteed not less than | Found            |
| 4713        | Big Y Scratch Feed                             | 13.11    | 9.00                     | 10.25            |
| 5411        | Big Y Sheep & Goat Feed                        | 11.65    | 16.00                    | <del>15.00</del> |
| 4894        | Big Y Stock Feed                               | 10.35    | 9.00                     | 10.75            |
| 6050        | Big Y Super Broiler & Starter Ration Medicated | 11.44    | 20.00                    | 21.00            |
| 5178        | Big Y Super Starter & Broiler Ration           | 11.26    | 20.00                    | 20.75            |
| 5652        | Big Y Super Starter Ration Medicated           | 11.31    | 20.00                    | 20.00            |
| 5117        | Big Y Supreme Laying Mash                      | 10.65    | 16.00                    | 16.00            |
| 5816        | Big Y Supreme Laying Mash Medicated            | 10.78    | 16.00                    | 16.50            |
| 3094        | Big Y Test Cow Ration                          | 11.91    | 16.00                    | 16.00            |
| 5160        | Big Y Test Cow Ration                          | 11.17    | 16.00                    | 16.50            |
| 4883        | Big Y Turkey Fattener                          | 10.55    | 17.00                    | 17.63            |
| 5113        | Big Y Turkey Growing Feed                      | 10.61    | 20.00                    | 22.00            |
| 5180        | Improved Al-Mo                                 | 11.56    | 10.00                    | 12.00            |

~ indicates deficiencies

## INSPECTION OF 1961

| Fat                      |       | Fiber                    |       | Medicants                                            |
|--------------------------|-------|--------------------------|-------|------------------------------------------------------|
| Guaranteed not less than | Found | Guaranteed not more than | Found |                                                      |
| 2.00                     | 2.46  | 5.00                     | 3.29  |                                                      |
| 3.50                     | 3.65  | 8.50                     | 7.03  |                                                      |
| 2.50                     | 2.66  | 15.00                    | 11.80 |                                                      |
| 3.50                     | 4.56  | 4.00                     | 3.16  | Amprolium: Guar., 0.0125%;<br>found 0.0123%.         |
| 3.50                     | 4.28  | 4.00                     | 3.48  |                                                      |
| 3.50                     | 4.08  | 4.50                     | 3.33  | Sulfaquinoxaline: Guar., 0.0175%;<br>found, 0.0192%. |
| 5.00                     | 5.09  | 4.00                     | 3.08  |                                                      |
| 5.00                     | 5.12  | 4.00                     | 2.98  | Furazolidone: Guar., 0.011%;<br>found, 0.0119%.      |
| 3.00                     | 3.82  | 8.50                     | 8.33  |                                                      |
| 3.00                     | 3.80  | 8.50                     | 7.49  |                                                      |
| 3.50                     | 3.57  | 6.00                     | 4.71  |                                                      |
| 3.50                     | 3.57  | 6.00                     | 3.68  |                                                      |
| 2.00                     | 2.96  | 12.00                    | 12.70 |                                                      |

TABLE 2. VITAMIN CARRIERS

| Station No.       | Manufacturer and brand                                             | Place, date of sampling and control number |
|-------------------|--------------------------------------------------------------------|--------------------------------------------|
|                   | CORN PRODUCTS COMPANY,<br>New York, N. Y.                          |                                            |
| 4127              | Kasco Natural Dog Meal                                             | Middlefield, 7/6, None                     |
|                   | DARI-DRI CO., Div. of Milk<br>Specialties, Inc., Dundee, Ill.      |                                            |
| 4129 <sup>1</sup> | Dari-Dri Baby Calf Formula<br>Animal Feed                          | Norwalk, 7/6, 025-11-1                     |
|                   | DAWE'S LABORATORIES, INC.,<br>Chicago, Ill.                        |                                            |
| 2778              | Dawe's Fermentation Flavonne                                       | Middletown, 1/10, 6339                     |
| 3156              | Dawe's Fermentation Flavonne                                       | Middletown, 3/9, 1330                      |
| 3647              | Dawe's Fermentation Flavonne                                       | Plantsville, 5/5, 1558                     |
| 2779              | Special Broiler Mix No. 571-D<br>Medicated                         | Middletown, 1/10, 6337                     |
| 3157              | Special Broiler Mix No. 571-D<br>Medicated                         | Middletown, 3/9, 1327                      |
|                   | EASTERN STATES FARMERS'<br>EXCHANGE, INC.<br>W. Springfield, Mass. |                                            |
| 4125              | Calfsaver Tablets                                                  | North Haven, 7/6, 8007-102                 |
|                   | THE RAY EWING COMPANY<br>Pasadena, Calif.                          |                                            |
| 2791              | All Purpose Pre-Mix                                                | Derby, 1/12, 1030-B-1                      |
| 3164              | All Purpose Pre-Mix                                                | Derby, 3/13, None                          |
| 3639              | All Purpose Pre-Mix                                                | Derby, 5/3, None                           |
|                   | THE FOX CO., Newfield, N. J.                                       |                                            |
| 3165              | Foxco Qualadee A & D Feeding Oil                                   | Derby, 3/13, 82360                         |
| 3638              | Foxco Qualadee A & D Feeding Oil                                   | Derby, 5/3, 3261                           |
|                   | GENERAL FOODS CORP.,<br>Battis Creek, Mich.                        |                                            |
| 4128 <sup>2</sup> | "Gaines Meal" Concentrated<br>Dog Food                             | Norwalk, 7/6, None                         |

<sup>1</sup>Thiamine, mg/lb.: Guar., 1: Found, 3.02<sup>2</sup>Thiamine, mg/lb.: Guar., 2: Found, 2.47

TABLE 2. VITAMIN CARRIERS

| Vitamin D,<br>units/lb. |       | Riboflavin<br>mg/lb. |             | Niacin<br>mg/lb. |             | Calcium<br>pantothenate<br>mg/lb. |             |
|-------------------------|-------|----------------------|-------------|------------------|-------------|-----------------------------------|-------------|
| Guar.                   | Found | Guar.                | Found       | Guar.            | Found       | Guar.                             | Found       |
| 2,500                   | --*   | 3.5                  | 2.85        |                  |             |                                   |             |
| 2,000                   | --*   | 4.0                  | <u>12.6</u> | 5.0              | <u>9.41</u> | 2.2                               | <u>22.6</u> |
| 25,000                  | OK    | 45                   | --*         | 300              | --*         | 76                                | --*         |
| 25,000                  | OK    | 45                   | 41.1        | 300              | 285         | 76                                | 75          |
| 25,000                  | --*   | 45                   | 50          | 300              | 369         | 75.7                              | 77          |
| 14,582                  | OK    | 42                   | --*         | 180              | --*         | 66                                | --*         |
| 14,582                  | OK    | 42                   | 46.2        | 180              | <u>238</u>  | 66.3                              | <u>78.6</u> |
|                         |       |                      |             | 50               | 49.2        |                                   |             |
| 136,200                 | OK    |                      |             | 4000             | --*         | 1000                              | --*         |
| 136,200                 | OK    | 400                  | 477         | 4000             | 3927        | 1000                              | 899         |
| 136,200                 | --*   | 400                  | 458         | 4000             | 3418        | 995                               | 958         |
| 136,200                 | OK    |                      |             |                  |             |                                   |             |
| 136,200                 | OK    |                      |             |                  |             |                                   |             |
| 1,000                   | --*   |                      |             | 18               | 21          | 4.35                              | 4.54        |

--\* not determined

~~~~ indicates deficiencies

TABLE 2. VITAMIN CARRIERS

| Station No.       | Manufacturer and brand   | Place, date of sampling and control number            |
|-------------------|--|---|
|                   | KENNEL FOOD SUPPLY DIV.,<br>Hygrade Food Prod. Co.,<br>Detroit, Mich.  |   |
| 4130 <sup>3</sup> | KFS Hy-Ration Brand Dog Food   | Norwalk, 7/6, None                                    |
|                   | KRAFT FOODS, Div. National<br>Dairy Products Corp.<br>Chicago 90, Ill. |   |
| 2788 <sup>4</sup> | Kray-9 Dog Food Supplement   | Norwich, 1/11, None                                   |
| 4859 <sup>5</sup> | Kray-9 Premix for Pet Foods  | Norwich, 11/8, None                                   |
| 2790              | Pex, High Lay Pellets for Layers and Breeders                          | Norwich, 1/11, None                                   |
|                   | MARINE PRODUCTS CO.,<br>Boston 27, Mass.                               |   |
| 2784              | Cod Liver Oil, Veterinary  | Norwich, 1/11, None                                   |
| 3162              | Cod Liver Oil, Veterinary  | Norwich, 3/10, None                                   |
| 3644              | Cod Liver Oil, Veterinary  | Norwich, 5/4, None                                    |
| 4373              | Cod Liver Oil, Veterinary  | Norwich, 9/8, 5859                                    |
|                   | MERCK & CO., INC., Chemical<br>Div., Rahway, N. J.                     |   |
| 2785              | No. 941 Feed Supplement  |   |
|                   | Improved Premix Medicated  | Norwich, 1/11, M-1045-0 Na3                           |
| 3160              | No. 1061 Feed Supplement   |   |
|                   | Improved Premix Medicated  | Norwich, 3/10, M-118-1-Na1X                           |
| 4372              | No. 1061 Feed Supplement   |   |
|                   | Improved Premix Medicated  | Norwich, 9/8, M-954-1-2                               |
| 4856              | No. 1061 Feed Supplement   |   |
|                   | Improved Premix Medicated  | Norwich, 11/8, M-1400-1-3                             |
|                   | MYZON LABORATORIES,<br>Chicago 32, Ill.                                |   |
| 3645              | Myzon Poultry Builder  | Norwich, 5/4, None                                    |
| 4858              | Myzon Poultry Builder  | Norwich, 11/8, None                                   |
|                   | NOPCO CHEMICAL CO.,<br>Harrison, N. J.                                 |   |
| 3155              | Nop-Cap-Special  | North Franklin, V2827-V2941<br>Code DCT 522-35007,3/9 |
| 2786              | Nopco-Pak Hi-Lay Premix  | Norwich, 1/11, Code EZW-<br>527-12536-810             |

<sup>3</sup>Thiamine, mg/lb.: Guar., 1; found, 1.67

<sup>4</sup>Thiamine, mg/lb.: Guar., 10; found, 12.7

TABLE 2. VITAMIN CARRIERS

| Vitamin D,<br>units/lb. |               | Riboflavin<br>mg/lb. |             | Niacin<br>mg/lb. |       | Calcium<br>pantothenate<br>mg/lb. |             |
|-------------------------|---------------|----------------------|-------------|------------------|-------|-----------------------------------|-------------|
| Guar.                   | Found         | Guar.                | Found       | Guar.            | Found | Guar.                             | Found       |
| 2,000                   | --*           | 2.5                  | <u>3.95</u> | 25               | 27.1  |                                   |             |
| 7,000                   | --*           | 12                   | 47.6        | 60               | 63.8  | 19.6                              | 27.6        |
| 7,000                   | --*           | 12                   | <u>20.8</u> | 60               | 61.5  | 18.5                              | <u>19.6</u> |
| 2,400                   | --*           | 9                    | <u>14.4</u> | 30               | 28.9  | 20.7                              | 18.5        |
| 136,077                 | OK            |                      |             |                  |       |                                   |             |
| 136,077                 | OK            |                      |             |                  |       |                                   |             |
| 136,077                 | OK            |                      |             |                  |       |                                   |             |
| 136,077                 | below<br>std. |                      |             |                  |       |                                   |             |
| 85,125                  | OK            | 500                  | --*         | 3750             | --*   | 500                               | --*         |
| 85,125                  | OK            | 500                  | 476         | 3750             | 3370  | 500                               | 446         |
| 85,125                  | OK            | 500                  | 503         | 3750             | 3010  | 500                               | <u>383</u>  |
| 85,125                  | OK            | 500                  | --*         | 3750             | --*   | 500                               | --*         |
| 164,000                 | OK            | 160                  | 161         | 640              | 657   | 173                               | 140         |
| 164,000                 | OK            | 160                  | 137         | 640              | 675   | 174                               | <u>85.3</u> |
|                         |               |                      |             |                  |       | 32000                             | 32670       |
| 400,000                 | OK            | 800                  | --*         | 8000             | --*   | 1600                              | --*         |

\* Thiamine, mg/lb.: Guar., 10; found, 13.6

--\* not determined

~~~~ indicates deficiencies

TABLE 2. VITAMIN CARRIERS

| Station No. | Manufacturer and brand                       | Place, date of sampling and control number |
|-------------|----------------------------------------------|--------------------------------------------|
|             | NOPCO CHEMICAL CO., -Cont.<br>Harrison, N.J. |                                            |
| 4374        | Nopco-Pak Hi-Lay Premix                      | Norwich, 9/8, 527-12536-EZW-5-61           |
| 4861        | Nopco-Pak Hi-Lay Premix                      | Norwich, 11/8, 527-12536 Code EZW          |
| 3646        | Nopco-Pak Super Premix, Med.                 | Norwich, 5/4, Code EYY-527-12516           |
| 3159        | Nopco-Pak Super Premix, Med.                 | Norwich, 3/10, Code EYY-527-12516          |
| 4857        | Nopco-Pak Super Premix, Med.                 | Norwich, 11/8, Code FGY-527-20520          |
| 3643        | Nopdex "3000"                                | Norwich, 5/4, V2786                        |
| 4371        | Nopdex "3000"                                | Norwich, 9/8, V4410                        |
| 4854        | Nopdex "3000"                                | Norwich, 11/8, V4410                       |
|             | CHAS. PFIZER & CO., INC.,<br>Brooklyn, N. Y. |                                            |
| 2787        | Pfizer R-4 Riboflavin Supplement             | Norwich, 1/11, Order No. 1984              |
| 4855        | Yantic High-Lay Premix                       | Norwich, 1/8, 2631                         |
|             | STABILIZED VITAMINS, DIV.,<br>Garfield, N.J. |                                            |
| 3167        | Perma-D-3000                                 | Shelton, 3/13, 14114                       |
| 4853        | Perma-Mix                                    | Shelton, 10/27, 3648                       |
| 2780        | Perma-Mix C. C. C. No. 1                     | Manchester, 1/10, 3232                     |
| 3169        | Perma-Mix C. C. C. No. 1                     | Manchester, 3/14, 3347-2                   |
| 3648        | Perma-Mix C. C. C. No. 1                     | Manchester, 5/5, 3447-2                    |
| 4393        | Perma-Mix C. C. C. No. 1                     | Manchester, 9/12, 3680-2                   |
| 4862        | Perma-Mix C. C. C. No. 1                     | Manchester, 11/9, 3798-2                   |
| 2781        | Perma-Mix C. C. C. No. 2                     | Manchester, 1/10, 3089                     |
| 3170        | Perma-Mix C. C. C. No. 2                     | Manchester, 3/14, 3282                     |
| 3649        | Perma-Mix C. C. C. No. 2                     | Manchester, 5/5, 3360                      |
| 4394        | Perma-Mix C. C. C. No. 2                     | Manchester, 9/12, 3646                     |
| 4863        | Perma-Mix C. C. C. No. 2                     | Manchester, 11/9, 3772                     |
| 2782        | Perma-Mix C. C. C. No. 3                     | Manchester, 1/10, 3233                     |
| 3171        | Perma-Mix C. C. C. No. 3                     | Manchester, 3/14, 3171                     |
| 3650        | Perma-Mix C. C. C. No. 3                     | Manchester, 5/5, 3362                      |
| 4395        | Perma-Mix C. C. C. No. 3                     | Manchester, 9/12, 3647                     |
| 4864        | Perma-Mix C. C. C. No. 3                     | Manchester, 11/9, 3773                     |
| 2783        | Perma-Mix C. C. C. No. 4                     | Manchester, 1/10, 3090                     |
| 3651        | Perma-Mix C. C. C. No. 4                     | Manchester, 5/5, 3402                      |

--\* not determined  
 ~~~ indicates deficiencies

TABLE 2. VITAMIN CARRIERS

| Vitamin D,<br>units/lb. |               | Riboflavin<br>mg/lb. |             | Niacin<br>mg/lb. |              | Calcium<br>pantothenate<br>mg/lb. |             |
|-------------------------|---------------|----------------------|-------------|------------------|--------------|-----------------------------------|-------------|
| Guar.                   | Found         | Guar.                | Found       | Guar.            | Found        | Guar.                             | Found       |
| 400,000                 | OK            | 800                  | 777         | 8000             | 8787         | 1600                              | 1382        |
| 400,000                 | OK            | 800                  | --*         | 8000             | --*          | 1600                              | --*         |
| 170,250                 | below<br>std. | 1000                 | <u>3033</u> | 7500             | 6780         | 1000                              | 882         |
| 170,250                 | OK            | 1000                 | <u>2927</u> | 7500             | 6428         | 1000                              | <u>795</u>  |
| 170,250                 | OK            | 1000                 | --*         | 7500             | --*          | 1000                              | --*         |
| 1,361,000               | OK            |                      |             |                  |              |                                   |             |
| 1,361,000               | OK            |                      |             |                  |              |                                   |             |
| 1,361,000               | OK            |                      |             |                  |              |                                   |             |
|                         |               | 4000                 | 3528        |                  |              |                                   |             |
| 400,000                 | OK            | 800                  | 752         | 8000             | 7416         | 1600                              | 1476        |
| 1,362,000               | OK            |                      |             |                  |              |                                   |             |
|                         |               | 2000                 | 1730        | 9000             | <u>13780</u> | 4000                              | <u>3020</u> |
| 255,450                 | OK            | 600                  | --*         | 7950             | <u>--*</u>   | 978                               | <u>--*</u>  |
| 255,450                 | OK            | 600                  | 733         | 7950             | 7821         | 978                               | 848         |
| 297,950                 | OK            | 600                  | <u>626</u>  | 7930             | 6868         | 974                               | 872         |
| 297,950                 | OK            | 600                  | 633         | 7930             | 6386         | 978                               | 1108        |
| 297,950                 | OK            |                      |             |                  |              |                                   |             |
| 153,150                 | OK            | 375                  | --*         | 750              | --*          | 1500                              | --*         |
| 153,150                 | --*           | 375                  | 517         | 7500             | 7012         | 1500                              | 1548        |
| 153,150                 | OK            | 375                  | <u>486</u>  | 7500             | 7016         | 1500                              | 1820        |
| 153,150                 | OK            | 375                  | <u>507</u>  | 7500             | 6520         | 1500                              | <u>1427</u> |
| 153,150                 | OK            |                      |             |                  |              |                                   |             |
| 154,650                 | OK            | 975                  | --*         | 6750             | --*          | 1200                              | --*         |
| 154,650                 | --*           | 975                  | 1379        | 6750             | 6098         | 1200                              | 1239        |
| 154,650                 | OK            | 975                  | <u>1085</u> | 6750             | 6167         | 1200                              | 1085        |
| 214,650                 | OK            | 975                  | 892         | 6750             | 5554         | 1200                              | 1005        |
| 214,650                 | OK            |                      |             |                  |              |                                   |             |
| 204,300                 | OK            | 745                  | --*         | 6180             | --*          | 1416                              | --*         |
| 216,000                 | OK            | 900                  | 806         | 5400             | 4431         | 1200                              | 1094        |



TABLE 2. VITAMIN CARRIERS

| Station No.       | Manufacturer and brand                                | Place, date of sampling and control number                     |
|-------------------|---|--|
|                   | STABILIZED VITAMINS, DIV.,<br>Garfield, N. J. - Cont. |  |
| 4396              | Perma-Mix C. C. C. No. 4                              | Manchester, 9/12, 3541   |
| 4865              | Perma-Mix C. C. C. No. 4                              | Manchester, 11/9, 3541   |
|                   | VITARON CHEMICAL MFG.<br>CO., Garfield, N. J.         |  |
| 4852              | Vitaron Vitamin A & D Feed-<br>ing Oil                | Shelton, 10/27, 14665  |
| 2792              | Vitaron Vitamin A & D Feed-<br>ing Oil                | Shelton, 1/12, 13915   |
| 3166              | Vitaron Vitamin A & D Feed-<br>ing Oil                | Shelton, 3/13, 14172   |
| 3640              | Vitaron Vitamin A & D Feed-<br>ing Oil                | Shelton, 5/3, 14271  |
| 4400              | Vitaron Vitamin A & D Feed-<br>ing Oil                | Shelton, 9/15, 14663   |
|                   | WARNER DOG FOOD CO., INC.,<br>Brooklyn 22, N. Y.      |  |
| 4860 <sup>b</sup> | Gold-N-Bone Shaped Biscuit                            | Norwich, 11/8, None  |
|                   | WHITMOYER LABORATORIES<br>INC., Myerstown, Pa.        |  |
| 4399              | Derby All Purpose Premix                              | Derby, 9/15, 82361   |
| 2793              | Flav-A-Dee  | Bridgeport, 1/12, None   |
| 3168              | Flav-A-Dee  | Bridgeport, 3/13, None   |
| 3642              | Flav-A-Dee  | Bridgeport, 5/3, None  |
| 4867              | Flav-A-Dee  | Bridgeport, 11/14, None  |
| 3158              | Machnicki Premix No. 2                                | Jewett City, 3/10, 22161                                       |
| 4370              | Machnicki Premix No. 2A                               | Jewett City, 9/8, 62861  |
|                   | WIRTHMORE FEEDS, INC.,<br>Waltham, Mass.              |  |
| 4397 <sup>c</sup> | Wirthmore Mink Food 512                               | Clinton, 9/14, N437991-<br>N437990-N437976-<br>N437992-N437970 |
| 4126 <sup>d</sup> | Wirthmore Mink Food                                   | Middlefield, 7/6, M311144-<br>M311142-M311153-<br>M311159      |

<sup>b</sup>Thiamine, mg/lb.: Guar., 0.5; found, 2.54

<sup>c</sup>Thiamine, mg/lb.: Guar., 4; found, 6.63

<sup>d</sup>Thiamine, mg/lb.: Guar., 4; found, 6.54

TABLE 3. VITAMIN CARRIERS

| Vitamin D,<br>units/lb. |               | Riboflavin<br>mg/lb. |             | Niacin<br>mg/lb. |             | Calcium<br>pantothenate<br>mg/lb. |             |
|-------------------------|---------------|----------------------|-------------|------------------|-------------|-----------------------------------|-------------|
| Guar.                   | Found         | Guar.                | Found       | Guar.            | Found       | Guar.                             | Found       |
| 216,000                 | OK            | 900                  | 844         | 5400             | 4986        | 1200                              | 928         |
| 216,000                 | OK            |                      |             |                  |             |                                   | <u>928</u>  |
| 136,200                 | OK            |                      |             |                  |             |                                   |             |
| 136,200                 | OK            |                      |             |                  |             |                                   |             |
| 136,200                 | OK            |                      |             |                  |             |                                   |             |
| 136,200                 | OK            |                      |             |                  |             |                                   |             |
| 136,200                 | OK            |                      |             |                  |             |                                   |             |
| 2,000                   | --*           | 1.5                  | <u>2.77</u> | 14.0             | <u>27.9</u> | 1.96                              | <u>3.13</u> |
| 136,200                 | Pass          | 400                  | 363         | 4000             | 3285        | 1000                              | 894         |
| 54,480                  | Below<br>Std. | 100                  | --*         | 700              | --*         | 109                               | --*         |
| 54,480                  | Pass          | 100                  | <u>126</u>  | 700              | 611         |                                   |             |
| 54,480                  | OK            | 100                  | --*         | 700              | --*         | 100                               | --*         |
| 544,800                 | Pass          | 800                  | 791         | 8000             | 7407        | 2174                              | 2014        |
| 272,400                 | Below<br>Std. | 400                  | 387         | 4000             | 3238        | 1087                              | 892         |
|                         |               | 4.50                 | <u>2.40</u> | 20.              | <u>28.7</u> | 7.61                              | 6.41        |
| 4,000                   | --*           | 4.5                  | 3.96        | 20.              | <u>38.3</u> | 7.61                              | 7.39        |

--\* not determined

       indicates deficiencies