
Bulletin 555

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REPORT ON INSPECTION
COMMERCIAL FEEDING STUFFS
1951



H. J. FISHER
Chief Chemist

THE CONNECTICUT AGRICULTURAL EXPERIMENT
STATION, NEW HAVEN, CONNECTICUT

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COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1951

H. J. FISHER¹

THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 320, General Statutes, Revision of 1949) 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.

The enforcement provisions of the statute are delegated to the Food and Drug Commissioner.

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 CLASSED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (SEC. 6740)

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.

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

¹ Analyses are by Messrs. O. L. Nolan and Sherman Squires and Miss Helen Kocaba; biological assays under direction of Dr. R. B. Hubbell; microscopic examinations by Miss Janetha Shepard; and sampling by Messrs. Richard Nichols and George Smith. Compilations are by Miss Lillian Goffi, except for the tables on medicated feeds, which were made by Mrs. Marion C. Thorpe.

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. 6741)

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 registrations 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. 6742)

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 registrations, 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 Stuffs. 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. 6741)

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, 1951, to December 31, 1951, 259 firms registered 1,416 brands of feeding stuffs, and 13 firms registered 43 brands of vitamin D carriers.

As required by statute the registrations are listed as follows:

Ackerman-Beardsley-Bennett, Inc., Chamber of Commerce Bldg., P. O. Box 1087, Albany 1, N. Y.

Corn Distillers Dried Grains
Distillers Dried Grains

Acme-Evans Co., Inc., 902 W. Washington Ave., Indianapolis 9, Ind.

Acme Hominy
Acme Wheat Standard Middlings with Screenings

C. L. Adams Co. (See The Park & Pollard Co.)

Adams Packing Assoc., Inc., Auburndale, Fla.
Adams Dried Citrus Pulp

Albers Milling Co., 6130 Avalon Blvd., Los Angeles, Calif.
Calf Manna

Al-Fa Meal Co. (See C. J. Martenis Grain Co.)

E. T. Allen Co., P. O. Box 951, Atlanta 1, Ga.
Empire 41% Protein Cottonseed Meal, Prime Quality

Allied Mills, Inc., Box 459, Libertyville, Ill.

June Pasture (Alfalfa Meal and Beet Molasses)
Sugarine 16% Dairy Feed
Sugarine 20% Dairy Feed
Wayne All Mash Breeder
Wayne All Mash Egg
Wayne All Mash Grower
Wayne Breeder Mash
Wayne Broiler Feed
Wayne Calf Meal
Wayne Calf Starter
Wayne Chick Feed
Wayne Chick Starter
Wayne 24% Dairy Feed
Wayne Dairy Mixer
Wayne 16% Dairy Ration
Wayne 20% Dairy Ration
Wayne Egg Mash
Wayne Fattening Pellets (For Chickens, Turkeys and Ducks)
Wayne Fitting Ration
Wayne Flushing Mash
Wayne Growing Mash
Wayne Horse Feed
Wayne Mash Layer
Wayne Mash Mixer (All Purpose Poultry Concentrate)
Wayne 26% Mash Supplement
Wayne 18% Milk Producer
Wayne Mink Meal
Wayne Pork Maker

Allied Mills, Inc., Box 459, Libertyville, Ill. — Cont.

Wayne Poultry Fitting Ration
 Wayne Poultry Pasture Pellets
 Wayne Rabbit Ration
 Wayne Ranch Meal
 Wayne Special Hog Concentrate
 Wayne Tail Curler
 Wayne Test Cow Ration
 Wayne Turkey and Game Bird Breeder Mash
 Wayne Turkey and Game Bird Growing Mash
 Wayne Turkey and Game Bird Starter
 Wayne Turkey Growing Mash

Almonte Flour Mills, Ltd. (See Inter-Continental Grain Co., Ltd.)**American Crystal Sugar Co., 600 Boston Bldg., Denver 1, Colo.**

Dried Beet Pulp
 Dried Molasses Beet Pulp

American Maize-Products Co., 100 E. 42nd St., New York 17, N. Y.

Amaizo Gluten Meal
 Cream of Corn Gluten Feed

Anchor Mills (See D. A. Stickell & Sons)**Anheuser-Busch, Inc., 721 Pestalozzi St., St. Louis 18, Mo.**

Anheuser-Busch Brand Corn Gluten Feed
 Budweiser Brewers' Dried Grains

Archer-Daniels-Midland Co., 600 Roanoke Bldg., Minneapolis 2, Minn.

Archer Quality 32% Protein Expeller Linseed Oil Meal
 Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal
 Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal

Arco Dehydrating Co., Lake Park, Iowa

Arco Dehydrated Alfalfa Meal

Ashcraft-Wilkinson Co., 601 Trust Co. of Ga. Bldg., Atlanta 3, Ga.

Cow-Eta Brand 36% Prime Quality Cottonseed Meal
 Cow-Eta Brand 41% Protein Cottonseed Meal Prime Quality
 Sweet Suni-Citrus Pulp (*Mfr'd. by Suni-Citrus Products Co., Haines City, Fla.*)

Edward R. Bacon Grain Co., 177 Milk St., Boston 9, Mass.

Bacon's Gluten Feed

E. W. Bailey & Co., Montpelier, Vt.

Bailey's Pennant Brand Calf Ration
 Bailey's Pennant Brand Calf Starter
 Bailey's Pennant Brand Coarse Fitting Ration
 Bailey's Pennant Brand Pig Feed
 Bailey's Pennant Brand Rabbit Pellets
 Bailey's Pennant Brand Turkey Fattener
 Bailey's Pennant Brand Yankee 16 Dairy Ration
 Brewers Dried Grains (*Mfr'd. by Kentucky By-Products Corp., Louisville, Ky.*)

Barber & Bennett, Inc., Arch & Church Sts., Albany 1, N. Y.

Fort Orange Horse Feed

The Beacon Milling Co., Inc., Cayuga, N. Y.

Auburn "16"
 Auburn "20"

The Beacon Milling Co., Inc., Cayuga, N. Y. — Cont.

Beacon "16"
 Beacon "20"
 Beacon Breeder All-Mash
 Beacon Breeders Mash
 Beacon Broiler Feed
 Beacon Broiler Finisher Pellets
 Beacon Calf Grains
 Beacon Calf Starter
 Beacon Chick Grains
 Beacon Complete Starter
 Beacon Dairy Fitting
 Beacon Duck Fitting
 Beacon Duck Grower
 Beacon "22" Egg Mash
 Beacon Fleshing Pellets
 Beacon "24" For Mixing with Home Grains
 Beacon Goat Ration
 Beacon Grower All-Mash
 Beacon "18" Growing Mash
 Beacon Hog Feed
 Beacon Horse Feed
 Beacon Market Egg All-Mash
 Beacon Poultry Fitting
 Beacon Rabbit Pellets
 Beacon Sweet "20"¹
 Beacon "18" Test Cow Ration
 Beacon Turkey and Game Bird Breeder
 Beacon Turkey and Game Bird Fitting
 Beacon Turkey and Game Bird Grower
 Beacon Turkey and Game Bird Starter
 Beacon "15" With Pellets
 Be-Co-Lass
 Corn & Oat Chop

The Berkman Grain & Coal Co., No. Franklin, Conn.

Nibco Breeder Mash with Fortified Cod Liver Oil
 Nibco 18% Dairy Ration
 Nibco Fitting Ration
 Nibco Five Star Broiler Mash
 Nibco Growing Mash with Fortified Cod Liver Oil
 Nibco Laying Mash with Fortified Cod Liver Oil
 Nibco Nine Week Broiler Mash
 Nibco Poultry Fitting Ration
 Nibco Scratch Feed
 Nibco Starter with Fortified Cod Liver Oil

The Best Foods, Inc., 1442 Marine Trust Bldg., 237 Main St., Buffalo 3, N. Y.

Oat Mill Feed

Birdwood Products Co., Box 89, No. Platte, Neb.

Dehydrated Alfalfa Meal

Blanton Mills, Inc. (See John W. Eshelman & Sons)

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal and Calf Pellets
 Blatchford's Complete Calf Ration

¹ Later substituted by Beacon "14" Test Cow Ration.

Blatchley & Ballard Commodities, Inc., P. O. Box 155, Stafford Springs, Conn.
Bee Brand Fitting Ration

The Borden Co., Special Products Div., 350 Madison Ave., New York 17, N. Y.
(See also Vitamin D Carriers)

Borden's Ration-Ayd for Poultry Mash
Borden's VamPros Accessory Feed for Poultry
Bospro Vitamin A and D Supplement
Ration-Ayd for Hogs, A Mixer's Ingredient for Fortifying Pig and Hog Feed

Borden's Soy Processing Co., Div. of The Borden Co., P. O. Box 508, Kanakee, Ill.
Borden's 44% Protein Solvent Extracted Soybean Oilmeal

Bremco Alfalfa Mills, Inc., New Bremen, Ohio
Medogreen Alfalfa Meal

C. W. Brister & Son, 201 North St., Auburn, N. Y.
Prize Mixed Feed

The Brode Corp., P. O. Box 700, Memphis 1, Tenn.
Owl Brand 41% Protein Prime Cottonseed Meal

L. Broder & Co., Inc., Lebanon Ave., Colchester, Conn.
L. B. 14% Fitting Ration
L. B. 16% Milk Ration

Brooklawn Grain & Feed Co., 321 Sylvan Ave., Bridgeport, Conn.
Brooklawn 16% Dairy Ration
Brooklawn 18% Egg Mash
Wheat Bran (*Mfr'd. by Collingwood Milling Co., Collingwood, Ont., Canada*)

Brown-Forman Distillers Corp., 1908 Howard St., Louisville, Ky.
(See also Vitamin D Carriers)
Brown-Forman Super-Sol

The Buckeye Cotton Oil Co., Cincinnati 1, Ohio
Buckeye 41% Protein Solvent Extracted Cottonseed Meal
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal

Burns Grain Corp., 507 Dun Bldg., Buffalo 2, N. Y.
Choice Ground Mixed Feed

Calvert Milling Co., Hoytville, Ohio
17% Dehydrated Alfalfa Meal

Camp Milling Co., Inc., 34 Howell St., Walton, N. Y.
Hurlburt's Empire Complete Rabbit Pellets

The C. W. Campbell Co., 27 W. Broad St., Westerly, R. I.
Best Pig and Hog Ration
Camco Horse Feed
16% Dairy Ration
20% Dairy Ration
Egg-O Breeder Mash
Egg-O Chick Starter and Broiler Ration
Egg-O Grower
Egg-O Laying Mash
Egg-O Special Broiler
Egg-O 22% Turkey Finisher

The C. W. Campbell Co., 27 W. Broad St., Westerly, R. I. — Cont.

Egg-O Turkey Grower
12% Fitting Ration
Lassagras
Sheep and Goat Feed

Campbell & McNab, Douglas, Ont., Canada

Pure Wheat Bran
Pure Wheat Shorts

Canada & Dominion Sugar Co., Ltd. (See The Park & Pollard Co.)

The Canada Starch Co., Ltd., P. O. Box 128, Montreal, Que., Canada
Edwardsburg Corn Gluten Feed

Canadian Vegetable Oil Processing, Ltd., Victoria Ave. & Burlington St., Hamilton, Ont., Canada

Soybean Oil Meal

The A. B. Caple Co., Toledo 5, Ohio

Capex Dehydrated Alfalfa Meal—17%

Cargill, Inc., 200 Grain Exch., Minneapolis 15, Minn.

41% Protein Expeller Soybean Oil Meal
44% Protein Solvent Extracted Soybean Oil Meal

CarO-Green, Inc., 328 Board of Trade Bldg., Kansas City, Mo.

17% CarO-Green Dehydrated Alfalfa Meal

Center Milk Products Co., Middlebury Center, Pa.

Center Dried Skim Milk

Central Connecticut Co-operative Farmers' Assoc., Inc., 10 Apel Pl., Manchester, Conn.

D. S. Starter Mash
Honest Brand Breeder Mash
Honest Brand Complete Ration Growing Mash
Honest Brand Complete Ration High Energy Laying Mash
Honest Brand Complete Ration Laying Mash
Honest Brand 16% Dairy Feed
Honest Brand Growing Mash
Honest Brand Laying Mash
Nu-Weigh-Hi Broiler Finisher Mash
Nu-Weigh-Hi Broiler Starter Mash
Wheat Bran with Ground Wheat Screenings
(Mfr'd. by Nebraska Consolidated Mills Co., Omaha, Neb.)

Central Mills, Inc., Dunbridge, Ohio

Cent-O-Green

Central Soya Co., Inc., 300 Ft. Wayne Bank Bldg., Fort Wayne 2, Ind.

Central Star Brand 44% Solvent Extracted Soybean Oil Meal

Cerophyl Laboratories, Inc., 2438 Broadway, Kansas City 10, Mo.

Greenmelk

S. J. Cherry & Son, Ltd., Preston, Ont., Canada

Cherry's Wheat Bran
Cherry's Wheat Shorts
Middlings

Clinton Foods, Inc., Clinton, Iowa

Clinton Corn Gluten Feed
 Clinton Corn Gluten Meal
 Clinton Sweetened Corn Gluten Feed

Herbert K. Clofine, 612 Bulletin Bldg., Philadelphia, Pa.

CHEE-WAY Dried Cheese Whey

Clyde Milling Corp., Clyde, N. Y.

Clyde Complete Chick Starter
 Clyde 16 Dairy Ration
 Clyde 30% Dairy Supplement
 Clyde Horse Feed
 Clyde Milky-Las 16
 Clyde SiLoLas
 Clyde Special 16 Dairy Ration
 Dried Apple Pomace
 Warren's Complete Calf Grower (*Mfr'd. for Wm. S. Warren & Son, Eastford, Conn.*)
 Warren's Dairy Fitting Ration (*Mfr'd. for Wm. S. Warren & Son, Eastford, Conn.*)
 Warren's 16 Dairy Ration (*Mfr'd. for Wm. S. Warren & Son, Eastford, Conn.*)
 Warren's Laying Mash (*Mfr'd. for Wm. S. Warren & Son, Eastford, Conn.*)

Coastal Laboratories, Inc., 23 Flint Rd., South Toms River, N. J.

(*See also Vitamin D Carriers*)

Super-Tonic Vitamin A & D Oil Emulsion

Coatsworth and Cooper, Ltd., 67 Yonge St., Toronto, Ont., Canada

"C & C" Wheat Bran
 "C & C" Wheat Shorts

Collingwood Milling Co. (*See Brooklawn Grain and Feed Co.*)**Commander-Larabee Milling Co., Minneapolis, Minn.**

Sunfed Wheat Bran With Ground Screenings
 Sunfed Wheat Standard Middlings With Ground Screenings

Commercial Solvents Corp., Terre Haute, Ind.

B. Y.-Dried Corn Fermentation Solubles—23%
 B. Y.-Dried Corn Fermentation Solubles—35%
 B. Y.-100 Dried Corn Fermentation Solubles
 B. Y.-500 Dried Corn Fermentation Solubles
 B. Y.-21 Dried Grain and Skimmed Milk Fermentation Solubles
 CSC Choline Supplement 25

Community Service, Inc., Canaan, Conn.

C. S. Complete Pig Feed
 C. S. 16% Dairy Ration
 C. S. 18% Dairy Ration
 C. S. 20% Dairy Ration
 C. S. Fitting Ration
 C. S. Growing Mash
 C. S. Laying Mash
 C. S. Starter and Grower Mash
 Cornell Calf Starter

Connecticut Grains, Colchester, Conn.

Connecticut Dried Grains

Consolidated Fisheries Co., Lewes, Del.

Squanto

Consolidated Products Co., 119 N. Washington Ave., Danville, Ill.
 (See also Vitamin D Carriers)

- Kaff-A
- Semi-Solid BW Emulsion
- Semi-Solid "E" Emulsion
- Semi-Solid "E" Emulsion—For Self Feeding

Consolidated Rendering Co., 178 Atlantic Ave., Boston, Mass.

- Corenco Bone Meal
- Corenco Feeding Bone Meal
- Corenco Fish Meal
- 45% Corenco Meat and Bone Scrap
- 47% Corenco Meat and Bone Scrap

Continental Distilling Corp., 1429 Walnut St., Philadelphia, Pa.

- 25% Corn Distillers Dried Grains
- Dried Corn Distillers Solubles

Co-operative Federee de Quebec, 105 St. Paul St. E., Montreal, Que., Canada
 Co-op Brand Middlings

Copeland Flour Mills, Ltd., Midland, Ont., Canada

- Dandy Wheat Bran
- Dandy Wheat Shorts

H. Corby Distillery, Ltd. (See Riverside Elevator Co.)

Corn Products Refining Co., 17 Battery Pl., New York 4, N. Y.

- Buffalo Brand Corn Gluten Feed
- Buffalo Brand Corn Gluten Feed Sweetened
- Diamond Brand Corn Gluten Meal

C. A. Cowles, Inc., Summer St., Plantsville, Conn.

- Cowles' Blue C Breeder Mash
- Cowles' Blue C Calf Meal
- Cowles' Blue C Chick Pre-Starter Mash
- Cowles' Blue C Complete Growing Mash
- Cowles' Blue C Complete Laying Mash
- Cowles' Blue C 16% Dairy Ration
- Cowles' Blue C 20% Dairy Ration
- Cowles' Blue C Fitting Ration
- Cowles' Blue C Golden Flo 16% Dairy Ration
- Cowles' Blue C Growing Mash
- Cowles' Blue C Hog and Pig Feed
- Cowles' Blue C Horse Feed With Molasses
- Cowles' Blue C Laying Mash
- Cowles' Blue C Plantsville Dairy Ration
- Cowles' Blue C Rabbit Pellets
- Cowles' Blue C Sheep and Goat Ration
- Cowles' Blue C Starter and Broiler Feed
- Cowles' Blue C Starting Mash
- Cowles' Blue C Super Coarse Ration
- Cowles' Blue C Super 16% Dairy Ration
- Cowles' Blue C Turkey Finishing Mash
- Cowles' Blue C Turkey Growing Mash
- Cowles' Blue C Turkey Starting Mash
- Cowles' Red C 16% Dairy Ration
- Cowles' Red C Laying Mash
- Cowles' Red C Starting and Growing Mash

Chas. M. Cox Co., 177 Milk St., Boston, Mass.

- Emerald Brand 15% Blended Dehydrated and Suncured Alfalfa Dairy Pellets*
(*Mfr'd. by Nebraska Farm Products, Inc., Cozad, Neb.*)
- Rex Wheat Bran (Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Ont., Canada)*
- Rex Wheat Middlings (Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Ont., Canada)*
- Wirthmore Baby Chick Scratch
- Wirthmore Breeder Mash (Or Pellets)
- Wirthmore Calf Starter Meal
- Wirthmore Calving Ration
- Wirthmore Challenger Coarse 14 Dairy Ration
- Wirthmore Challenger Coarse 16 Dairy Ration
- Wirthmore Challenger 16 Dairy Ration
- Wirthmore Challenger 20 Dairy Ration
- Wirthmore Complete Breeder Ration (Or Pellets)
- Wirthmore Complete Egg Ration (Or Pellets)
- Wirthmore Complete Growing Ration (Or Pellets)
- Wirthmore 16% Dairy Ration
- Wirthmore 20% Dairy Ration
- Wirthmore 32% Dairy Supplement
- Wirthmore Fattening Pellets
- Wirthmore 14 Fitting Ration (With Pellets)
- Wirthmore Fodder Greens
- Wirthmore Game Bird Starter Ration (Or Pellets)
- Wirthmore Growing Mash (Or Pellets)
- Wirthmore Hi-Ener-G Starter and Broiler Ration (Or Pellets)
- Wirthmore Hog Grower
- Wirthmore Horse Feed
- Wirthmore Laying Mash (Or Pellets)
- Wirthmore Mink Food (Pellets)
- Wirthmore Pig and Hog Feed
- Wirthmore Poultry Fitting
- Wirthmore Poultry Flush
- Wirthmore Producer 16% Dairy Ration
- Wirthmore Producer 20% Dairy Ration
- Wirthmore Producer 14% Fitting Ration
- Wirthmore Rabbit Pellets
- Wirthmore 16% Record Ration (With Pellets)
- Wirthmore 18% Record Ration
- Wirthmore Sheep and Goat Ration
- Wirthmore Starter and Broiler Ration (Or Pellets)
- Wirthmore Stock Feed
- Wirthmore Super Pellets
- Wirthmore Turkey Breeder Ration (Or Pellets)
- Wirthmore Turkey Fattening Ration (Or Pellets)
- Wirthmore Turkey Growing Ration (Or Pellets)
- Wirthmore Turkey Starting Ration (Or Pellets or Crumbles)
- Wirthmore Twin-Mix Calf Ration

Crawford Bros., Inc., Walton, N. Y.

- Fitting Ration 14%
- Growing Mash or Pellets
- Hi-Energy Starter and Broiler Mash
- Laying Mash or Pellets
- Pig Grower-Fattener
- Producer 20%
- Special Test 18%
- Star 20% Dairy Feed
- Starter and Broiler Mash or Pellets
- Turkey Grow Mash or Pellets
- Warren's Milkproducer 16% Dairy Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity 18% Dairy
Prosperity Laying Mash

Dailey Mills, Inc., Olean, N. Y.

Complete Egg Producer
Double Diamond Broiler
Double Diamond Complete Layer
Double Diamond Grower
Double Diamond Hical Body Builder
Double Diamond Hical Rabbit Pellets
Double Diamond Hical Starter
Double Diamond Hical Starter Broiler
Double Diamond Hical 16% Test Ration
Double Diamond Horse Feed
Double Diamond Layer
Egg Producer
Fitting Ration 14% With Pellets
16% Milk Producer
20% Milk Producer
Range Grower
Starter and Grower

Dairymen's League Co-operative Assoc., Inc., 250 Genesee St., Utica, N. Y.

Dairylea Choice Feed Grade Dried Skim Milk

R. G. Davis & Sons, Inc., 560 Grand Ave., New Haven, Conn.

Davis 16% Dairy Feed
Davis Egg Mash
Davis Growing Mash
Davis Horse Feed
Davis Starter and Broiler Mash
New England College Conference Growing
New England College Conference Mash

Dawe's Manufacturing Co., 4800 So. Richmond St., Chicago 32, Ill. (See also Vitamin D Carriers)

Dawe's Broiler Base
Dawe's Vitamelk Base
Flavonne Broiler Base
Flavonne Ribo-D

Dawnwood Farms, Amenia, N. Y.

Dawnwood Farms Caf-Star—A Formula Feed for Calves
Dawnwood Farms "Dots"

Dean & Lee (See Pilgrim Feed Co.)**Decatur Milling Co., Inc., 717 No. Union St., Decatur, Ill.**

Homco Hominy Feed

Decatur Soy Products Co., Decatur, Ill.

Illini Brand 41% Protein Soybean Oil Meal

Deep Sea Products, Inc., 169 Front St., South Portland, Maine

Fish Meal

The Delphos Grain & Soya Products Co., 201 S. Jefferson St., Delphos, Ohio

44% Protein Soybean Oil Meal—Solvent Extracted

Derby Feed Store, 176 Main St., Derby, Conn.

Litsky's Growing Mash
Litsky's Laying Mash
Litsky's Starter and Broiler Mash
Litsky's Sweet 16% Dairy Ration

The Derwood Mill, Inc., Derwood, Md.

Derwood Horse Crunch

Dewart Milling Co., Ltd., Peterborough, Ont., Canada

Wheat Bran

Dietrich & Gambrill, Inc., So. Carroll St., Frederick, Md.

Utility Scratch

Distillers Corporation, Ltd., Montreal, Que., Canada

Distilco Corn Distillers' Dried Grains

Doughnut Corp. of America, Ellicott City, Md.

Domaco Pure Winter Wheat Bran
Domaco Winter Wheat Standard Middlings
Domaco Winter Wheat White Middlings

The Drackett Products Co., 5020 Spring Grove Ave., Cincinnati 32, Ohio

Charge
Drackett 44% Protein Solvent Soybean Oil Meal

Dutton Flour Mills, Dutton, Ont., Canada

Shorts

Eagle Roller Mill Co., New Ulm, Minn.

Eagle Pure Wheat Bran
Eagle Wheat Standard Middlings with Screenings

Eastern States Farmers' Exchange, Inc., 26 Central St., West Springfield, Mass.

All-Mash Breeder (Mash and Pellets)
All-Mash Developer (Mash and Pellets)
All-Mash Producer (Mash and Pellets)
Breeder Concentrate Pellets
Breeder Mash (Mash and Pellets)
Calf Starter
Calving Ration
Champion
Developer (Mash and Pellets)
Fitting Ration
Fulpail
G-Mix
Hen Supplement (Mash and Pellets)
Hog Supplement
Horse Feed
Milkmore
Milk saver
Pig Primer
Pork Builder
Producer (Mash and Pellets)
32% Supplement
Sweepstakes
Turkey-Breeder Pellets
Turkey-Grower (Mash and Pellets)

B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago 7, Ill.

Ecko Pure Wheat Bran
Standard Wheat Middlings

Elmore Milling Co., Inc., Oneonta, N. Y.

Elmore Battery Growing Mash
Elmore Breeder Mash
Elmore Bull Feed
Elmore Calf Grain Ration
Elmore Chick Feed
Elmore Chixsaver
Elmore Complete Broiler Ration
Elmore Complete Growing Ration
Elmore Complete Layer and Breeder Mash
Elmore Complete Market Egg Mash
Elmore Complete Rabbit Ration
Elmore Crate Fattener
Elmore Dry and Freshening Ration
Elmore Egg Mash
Elmore Fitting Ration
Elmore Flaked Pelleted Calf Starter
Elmore Fleshing Pellets
Elmore Game Bird Grower
Elmore Goat Ration
Elmore Grand Champion Ration
Elmore Growing Mash
Elmore Hog Ration
Elmore Horse Feed
Elmore Improved Calf Starter
Elmore Intermediate Chick Feed
Elmore M.A.C. Laying Mash
Elmore Makemgrow Little Pig Ration
Elmore Milk Grains "Sixteen"
Elmore Milk Grains "Twenty"
Elmore Pacemaker 16% Dairy Ration
Elmore Pacemaker 18% Dairy Ration
Elmore Pacemaker Fitting Ration
Elmore Poultry Fitting Ration
Elmore Rabbit Concentrate Pellets
Elmore Stock Feed
Elmore Super Broiler Ration
Elmore Super Silage
Elmore 30% Supplemental Dairy Ration
Elmore Test Ration
Elmore Turkey Breeder Mash
Elmore Turkey Finisher (Fattener)
Elmore Turkey Fitting Ration
Elmore Turkey Growing Mash
Elmore Turkey Starting Mash or Crumbles

Erie Alfalfa Mills, Inc., Erie, Mich.

Leafy Erie Brand Dehydrated Alfalfa Meal

John W. Eshelman & Sons, Lancaster, Pa.

Eshelman Conestoga 20 Dairy Feed
Eshelman Lancaster Horse Feed
Eshelman Lancaster Scratch Grains
Eshelman Pennsy 16 Dairy Feed
Eshelman Pennsy Laying Mash
Eshelman Red Rose Breeder Mash
Eshelman Red Rose Broiler Ration

John W. Eshelman & Sons, Lancaster, Pa. — Cont.

Eshelman Red Rose Calf Grower
 Eshelman Red Rose Calf Meal
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Grains
 Eshelman Red Rose Chick Starter
 Eshelman Red Rose Complete Laying Mash
 Eshelman Red Rose Complete Rabbit Pellets
 Eshelman Red Rose 16 Dairy Feed
 Eshelman Red Rose 18 Dairy Feed
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Duck Grower and Breeder (Pelleted)
 Eshelman Red Rose Expeller 41% Soybean Oil Meal
 Eshelman Red Rose Fattening Mash
 Eshelman Red Rose Finishing Pellets
 Eshelman Red Rose Fitting Ration
 Eshelman Red Rose Flushing and Conditioning Mash
 Eshelman Red Rose Goat Ration
 Eshelman Red Rose Ground Corn and Oats
 Eshelman Red Rose Growing Mash
 Eshelman Red Rose Hi-Lo Broiler Ration
 Eshelman Red Rose Hog Meal
 Eshelman Red Rose Horse Feed
 Eshelman Red Rose Intermediate Chick Grains
 Eshelman Red Rose Laying Mash
 Eshelman Red Rose 32 Mixing Ration
 Eshelman Red Rose Pig and Sow Meal
 Eshelman Red Rose Pigeon Feed
 Eshelman Red Rose Rabbit Feed (Pelleted)
 Eshelman Red Rose Scratch Grains
 Eshelman Red Rose Starter and Grower
 Eshelman Red Rose Steer Feed
 Eshelman Red Rose 14% Test-Cow Ration
 Eshelman Red Rose Turkey and Broiler Fitting Feed
 Eshelman Red Rose Turkey Grower
 Eshelman Red Rose Turkey Starter
 Eshelman S-O-S
 Eshelman Wheat and Cracked Corn
 Wheat Bran and Wheat Screenings (*Mfr'd. by Western Star Mill Co., Salina, Kan.*)
 Wheat Gray Shorts and Ground Wheat Screenings (*Mfr'd. by Kansas Flour Mills Co., Kansas City, Mo.*)

Evans Milling Co., P. O. Box 474, Indianapolis 6, Ind.

Emco Hominy Feed

Excelsior Milling Co., 712 Flour Exchange Bldg., Minneapolis, Minn.

Camel Hard Wheat Mixed Feed

Falk & Co., Inc., Minneapolis, Minn.

32% Protein Expeller Linseed Oil Meal

Farmers Feed Co., 532 E. 76th St., New York, N. Y.

"Bull Brand" Dried Brewers Grains

Farmers Milling Co., 95 Brooklyn St., Rockville, Conn.

Broll's S-G-B Pheasant Mash

Feed Products, Inc., Groveland, Fla.

*BESTEST "Nature Sweet" Dried Citrus Pulp
 BESTEST "Nature Sweet" Dried Citrus Pulp (Late Production)

Ferneau Grain Co., Blanchester, Ohio

F Corn Distillers Dried Grains

First National Stores, Inc., 5 Middlesex Ave., Somerville, Mass.

Henfield Egg Mash

Fish Products Co., Lewes, Del.

Smith's Lifeline Brand

Fishel Products, Highway 99 and 18th, Kingsburg, Calif.

Sol-Trate
Super-Trate

Fishery Products, Inc., 705 Union Commerce Bldg., Cleveland, Ohio

Monroe Brand Fish Meal

Flambeau Milling Co., Phillips, Wis.

Crimped Barley
Crimped Oats
Extra Fine Sifted Feeding Oatmeal
Flambo Feeding Rolled Oats
Pulverized White Oats

Florida Citrus Cannery Co-operative, Lake Wales, Fla.

Lake Wales Brand Citrus Pulp

Flory Milling Co., Inc., Bangor, Pa.

Flory Record 16% Dairy Feed (Partly Pelleted)
Flory Record 14% Fitting Ration (Partly Pelleted)
Flory Superior 16% Dairy Feed (Partly Pelleted)
Flory Superior 14% Fitting Ration (Partly Pelleted)
National 16% Dairy Feed

The Fox Co., Newfield, N. J.

Foxco Dependable Dry 1500 D
Foxco Flavitein
Fox Fish Meal 55%
Fox Fish Meal 60%

Funk Bros. Seed Co., Bloomington, Ill.

Funk's 41% Protein Expeller Soybean Oil Meal

Geiger Products Co., Inc., 108 South St., New York 7, N. Y.

Flag Fish Meal

General Foods Corp., Corn Mill Div., Kankakee, Ill.

Burt's Hominy Feed

General Mills, Inc., 400 2nd Ave. So., Minneapolis 1, Minn.

Arlington Wheat Second Clear
Ben Hur Wheat Bran and Ground Wheat Screenings
Ben Hur Wheat Standard Middlings and Ground Wheat Screenings
Gold Medal Wheat Germ Meal
Oven Tailings
Sonny South Wheat Bran
Washburn's Gold Medal Fancy Wheat Flour Middlings and Ground
Wheat Screenings
Washburn's Gold Medal Fancy Wheat Mixed Feed
Washburn's Gold Medal Hard Wheat Adrian Red Dog
Washburn's Gold Medal Hard Wheat Bran and Ground Wheat Screenings
Washburn's Gold Medal Hard Wheat Standard Middlings and Ground
Wheat Screenings

General Mills, Inc., Larrowe Div., Box 68, No. End Sta., Detroit, Mich.

Dried Beet Pulp
 Dried Molasses-Beet Pulp
 Larro Broiler Concentrate
 Larro Broiler Feed
 Larro Broiler Supplement Pellets
 Larro Calf Builder
 Larro Chick Builder
 Larro Chick Grains
 Larro 32% Dairy Concentrate
 Larro 16% Dairy Feed
 Larro 20% Dairy Feed
 Larro Egg Mash
 Larro Green Pellets for Rabbits
 Larro Hog Concentrate
 Larro Poultry Breeder Mash
 Larro Scratch Grains
 Larro Sow & Pig Builder
 Larro Special 32% Dairy Concentrate
 Larro Special 16% Dairy Feed
 Larro Special 20% Dairy Feed
 Larro Station Fattener Pellets
 Larro Turkey Breeder Mash
 Larro Turkey Builder
 Larro Turkey Finisher
 Screened Cracked Corn

The Glidden Co., Feed Mill Div., 1160 W. 18th St., Indianapolis 6, Ind.

Glidden Breeder Mash (Meal or Pellets)
 Glidden Broiler Ration (Meal, Crumbles or Pellets)
 Glidden Chick Starter (Meal or Crumbles)
 Glidden Eat-Mor Pellets
 Glidden Flushing Mash
 Glidden Growing Mash (Meal, Crumbles or Pellets)
 Glidden Laying Mash (Meal, Crumbles or Pellets)
 Glidden Super Broiler Ration (Meal, Crumbles or Pellets)

The Glidden Co., Soya Products Div., 1825 N. Laramie Ave., Chicago 39, Ill.

Glidden 30% Protein Solvent Extracted Soybean Feed
 Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal

Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.

Globpro Brand Fish Meal 55%

Gooderham & Worts, Ltd. (See Riverside Elevator Co.)**Gorton-Pew Fisheries Co., Ltd., 327 Main St., Gloucester, Mass. (See also*****Vitamin D Carriers*)**

Gorton's Al-Fish Blend "Junior"
 Gorton's Al-Fish Blend "Senior"

D. H. Grandin Milling Co., Jamestown, N. Y.

Chautauqua 20 Dairy Feed
 Grandin's All-Mash Layer
 Grandin's Baby Chick Grains
 Grandin's Breeder Mash
 Grandin's Bull Feed
 Grandin's Calf Starter
 Grandin's Complete Chick Starter
 Grandin's Dry and Freshening Ration
 Grandin's Fleshing Pellets
 Grandin's 14 Fitting Ration
 Grandin's Goat Feed

D. H. Grandin Milling Co., Jamestown, N. Y. — Cont.

Grandin's Growing Mash
 Grandin's Hi-Pro Pellets
 Grandin's Horse Feed
 Grandin's Intermediate Chick Grains
 Grandin's Laying Mash
 Grandin's 20 Milk Maker
 Grandin's Pig and Hog Feed
 Grandin's Poultry and Turkey Fitting Ration
 Grandin's Rabbit Pellets
 Grandin's Start-To-Finish Mash
 Grandin's Stock Feed
 Grandin's Super Starter and Broiler Ration
 Grandin's 16 Test Ration
 Grandin's 18 Test Ration
 Grandin's Turkey Grower
 Grandin's Turkey Starter

The Great Atlantic & Pacific Tea Co., 817 Andrus Bldg., Minneapolis 4, Minn.

Daily Egg Laying Mash
 Daily Growth Chick Starter
 Daily Growth Fine Chick Feed
 Daily Growth Growing Mash
 Daily Horse Feed
 Daily Milk Dairy Feed 16%
 Milky Way Dairy Feed 20%
 Milky Way Dairy Feed 24%

Green Acre Farms, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal

Hales & Hunter Co., 141 W. Jackson Blvd., Chicago, Ill.

College 16 Dairy
 College Horse Feed
 Gold Flake 16½ Dairy
 Havana Pellets
 Pioneer Calf Starter
 Pioneer Cattle Fattener 12
 Pioneer Ceto Dairy Feed
 Pioneer 15 Dairy
 Pioneer 18 Dairy
 Pioneer Dairy Bull
 Pioneer Dairy Fitting Feed
 Pioneer 32 Dairy Pellets
 Pioneer Dairy Sup-Pel
 Pioneer Dry and Freshening
 Pioneer Hog Ration 15
 Pioneer Horse Feed
 Pioneer Pelleted Flaked 15 Dairy
 Pioneer Pelleted Flaked Dairy Goat Feed
 Pioneer Rabbit Feed
 Red Comb All Mash Breeder
 Red Comb All Mash Grower
 Red Comb Balancer
 Red Comb Breeder Balancer
 Red Comb Breeder Mash
 Red Comb Broiler Crate Fattener
 Red Comb Broiler Mash
 Red Comb C Flakes
 Red Comb Chick Producer
 Red Comb Chick Starter

Hales & Hunter Co., 141 W. Jackson Blvd., Chicago, Ill. — Cont.

Red Comb Crate Fattener
 Red Comb Duck Grower
 Red Comb Duck Starter
 Red Comb Egg Mash
 Red Comb Growing Mash
 Red Comb Pigeon Feed (no corn)
 Red Comb Scratch Feed
 Red Comb Sup-Pel
 Red Comb Turkey Grower
 Red Comb Turkey Starter
 Red Dog (*Mfr'd. by King Midas Flour Mills, Minneapolis, Minn.*)

A. E. Hall, 200 Ward St., Wallingford, Conn.

Hall's Growing Mash
 Hall's Hi-Lo Starter and Broiler
 Hall's Laying Mash

Harper Feed Mills, Inc., Washington, Pa.

Exchange Laying Mash
 Green Pasture 16% Dairy Ration
 Harco Broiler Mash
 Harco Complete Laying Ration
 Harco Complete Starter-Broiler Ration
 Harco Dairy Fitting Ration
 Harco 16% Dairy Ration
 Harco Fattening Mash Station Feed
 Harco Growing Mash
 Harco Horse Feed
 Harco Laying Mash
 Harco Pig and Hog Meal
 Harco Range Growing Mash
 Harco Short Feed Station Fattener Pellets
 Harco Special Hi-Energy Broiler Mash
 Harco Stock Feed

Hercules Powder Co., 900 Market St., Wilmington, Del.

Hercules Dried Whey

Higginsville Flour Mill (*See C. J. Martenis Grain Co.*)**Highland Grain & Feed Co., 293 Highland Ave., Stratford, Conn.**

Highland 20% Dairy Ration
 Highland Laying Mash
 Highland Starter-Grower Mash

Highland Products, Inc., 525 No. 4th St., Minneapolis, Minn.

Hi-Nutra

Holland Pioneer Mills, Inc., Ohio City, Ohio

Lucky Strike Soybean Oil Meal

H. P. Hood & Sons, Inc., 500 Rutherford Ave., Boston 29, Mass.

Hood's Calf Starter
 Non-Fat Dry Milk Solids
 Powdered Skim Milk

Hood Mills Co., 4101 E. Monument St., Baltimore 5, Md.

Medium Ground Hood

The Hubinger Co., 601 Main St., Keokuk, Iowa

Ke OK uk Corn Gluten Feed

Humphreys-Godwin Co., 2246 Park Ave., Memphis 3, Tenn.

Dixie Brand 41% Protein Cottonseed Meal

Illinois Cereal Mills, Inc., 613 So. Jefferson Ave., Paris, Ill.

Hominy Feed

Independent Mfg. Co., Wheatsheaf La. and Aramingo Ave., Philadelphia 37, Pa.

Independent's Sterilized Steamed Feeding Bone Meal

Inter-Continental Grain Co., Ltd., 2 King St., East, Toronto 1, Ont., CanadaAlmonte Flour Mills Bran (*Mfr'd. by Almonte Flour Mills, Ltd., Almonte, Ont., Canada*)

Ranger Brand Pure Wheat Bran

International Milling Co., 800 McKnight Bldg., Minneapolis 1, Minn.

Blackhawk Wheat Bran with Ground Wheat Screenings

Blackhawk Wheat Standard Middlings with Ground Wheat Screenings

Superior Wheat Shorts (*Mfr'd. by Robin Hood Flour Mills, Ltd., Moose Jaw, Sask., Canada*)

Target Wheat Reddog

Juice Industries Div., Clinton Foods, Inc., Dunedin, Fla.

Citrasweet Citrus Pulp

Kansas Flour Mills of America, Inc. (Div. of Flour Mills of America, Inc.), Box 2568,**Kansas City, Mo. (*See John W. Eshelman & Sons*)**

Big Flake Pure Wheat Bran

Kansas Milling Co. (*See A. S. MacDonald Commission Co.*)**Kasco Mills, Inc., Waverly, N. Y.**

Kasco All Mash Broiler Grower Ration

Kasco All Mash Grower Ration

Kasco All Mash Layer Ration

Kasco Beatsall Milk Grains 16%

Kasco Beatsall Milk Grains 20%

Kasco Body Builder

Kasco Complete Rabbit Ration

Kasco 18% Dairy Feed

Kasco Egg Producer

Kasco Fitting Ration

Kasco Gro-Calf

Kasco Growing Mash

Kasco Horse Feed

Kasco Pork Producer

Kasco Poultry Flushing Mash

Kasco Special Scratch Grains

Kasco Turkey Grower

Kasco Turkey Starter Ration

Kellogg Co., Battle Creek, Mich.

Kellogg's Hominy Feed

Kellogg Co. of Canada, Ltd., London, Ont., Canada

O Corn O Hominy Feed

Spencer Kellogg & Sons, Inc., 98 Delaware Ave., Buffalo 5, N. Y.

Spencer Kellogg's 32% Protein Old Process Linseed Oil Meal
 Spencer Kellogg's 34% Protein Old Process Linseed Oil Meal
 Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted

Kentucky By-Products Corp. (See *E. W. Bailey & Co.*)

Keystone Dehydrators, Nazareth, Pa.

Keystone Super Green 17% Dehydrated Alfalfa Meal

H. H. King Flour Mill Co. (See *C. J. Martenis Grain Co.*)

King Midas Flour Mills (See *Hales & Hunter Co. and also The Park & Pollard Co.*)

Kraft Food Co. (See *Phenix Pabst-ett Co.*)

Chas. A. Krause Milling Co., Milwaukee 1, Wis.

Badger White Hominy Feed
 Badger Yellow Hominy Feed

Kuder Pulp Sales Co., Lake Alfred, Fla.

Kuder Citrus Pulp—High Sugar
 Kuder Citrus Pulp—High Sugar, Late Production

H. P. Kysor, Kent, Conn.

Kysor's 16% Test Ration

L & H Feed Co., 99 So. Colony St., Wallingford, Conn.

L & H All Mash Layer
 L & H Body Pellets
 L & H 20% Layer Mash
 L & H Poultry Fitting Ration

Laakso & Laakso, Plainfield, Conn.

Laakso Broiler Mash

Lake of the Woods Milling Co., Ltd., 460 St. John St., Montreal, Que., Canada

Lakewoods Quebec Choice Feed Flour
 Lakewoods Wheat Shorts

E. W. Latimer, South Coventry, Conn.

College 18% Dairy
 College 20% Dairy
 College Fitting Ration
 College Growing Mash
 College Laying Mash

Lauhoff Grain Co., 329 E. North St., Danville, Ill.

Vermilion Hominy Feed

Lederle Laboratories Div., American Cyanamid Co., Pearl River, N. Y.

Aurofac
 Aurofac-A
 Fortafeed Brand Feed Supplement 2
 Fortafeed Brand Feed Supplement 2-22C
 Fortafeed Brand Feed Supplement 2-49C

The Lexington Soy Products Co., Lexington, Ohio

Red Arrow 41% Soybean Oil Meal—Expeller Type
 Red Arrow 44% Soybean Oil Meal—Solvent Extracted

Libner Grain Co., Inc., 25 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Conn. Standard Chick Starter Ration
 Libner's Blue Ribbon Dairy Ration 16%
 Libner's Blue Ribbon Fitting Ration 12%
 Libner's Blue Ribbon Growing Mash with Cod Liver Oil
 Libner's Blue Ribbon Hog Ration with Cod Liver Oil
 Libner's Blue Ribbon Horse and Calf Ration
 Libner's Blue Ribbon Milk Egg Mash
 Libner's Blue Ribbon Turkey Starter and Grower
 20% Milkflow Dairy Ration

Litchfield County Co-operative Assoc., Inc., 132 Railroad Ave., Torrington, Conn.

Common Sense Dairy Ration
 Common Sense Laying Mash
 Common Sense Starting and Growing Mash

Locust Grove Hatchery (See Yieldmor Feeds, Inc.)**The Long Hill Feed Store, Long Hill, Conn.**

Dried Brewers Grains (*Mfr'd. by Nidera Argentina SA, Buenos Aires, Argentina*)
 Improved Square Deal Dairy Ration

Louisville Soy Products Corp., Louisville, Ky.

"Lou Soy" Brand 44% Protein Soybean Oil Meal

L. B. Lovitt & Co., 314 Cotton Exchange Bldg., Memphis, Tenn.

"Lovit Brand" 41% Protein Cottonseed Meal—Prime Quality

A. S. MacDonald Commission Co., 106 Grain & Flour Exch., Boston 9, Mass.

Hominy Feed (*Mfr'd. by Kansas Milling Co., St. Louis, Mo.*)
 "Parrheim" Pure Wheat Bran (*Mfr'd. by Parrish & Heimbecker, Ltd., Toronto, Ont., Canada*)
 "Parrheim" Pure Wheat Shorts (*Mfr'd. by Parrish & Heimbecker, Ltd., Toronto, Ont., Canada*)

E. Manchester & Sons, Winsted, Conn.

Red Star Egg Mash
 Red Star Pig Feed

Maple Leaf Milling Co. (See Chas. M. Cox Co.)**Marianna Sales Co., 510 Cotton Exchange Bldg., Memphis, Tenn.**

"White Mule Brand" 41% Protein Cottonseed Meal, Prime Quality

Maritime Milling Co., Inc., 1009 Chamber of Commerce Bldg., Buffalo, N. Y.

B-B Broiler Ration
 B-B Bull Brand "16" Dairy Ration
 B-B Bull Brand "18" Dairy Ration
 B-B Bull Brand "20" Dairy Ration
 B-B Bull Brand Dry and Fresh Cow Fitting Ration
 B-B Bull Brand Pasture Supplement
 B-B Bull Brand 18% Special Dairy Ration
 B-B Bull Brand "18" Test Cow Ration
 B-B Calf Meal
 B-B Calf Starter Ration
 B-B Chick Feed
 B-B Complete Chick Starter Ration
 B-B Complete Growing Ration
 B-B Complete Laying Ration
 B-B Complete Rabbit Feed (Pellets)
 B-B Conditioning Mash

Maritime Milling Co., Inc., 1009 Chamber of Commerce Bldg., Buffalo, N. Y. — Cont.

B-B Duck Growing and Finishing Ration
 B-B Egg Mash
 B-B Farmers Mixing Feed
 B-B Fleshing Pellets
 B-B Goat Feed
 B-B Growing Mash
 B-B Horse Feed
 B-B Ma-Co Breeder Mash
 B-B Ma-Co Broiler Ration
 B-B Ma-Co Complete Chick Starter Ration
 B-B Ma-Co Complete Growing Ration
 B-B Ma-Co Complete Laying Ration
 B-B Ma-Co Complete Turkey Growing Ration
 B-B Ma-Co Complete Turkey Starter
 B-B Ma-Co Egg Mash
 B-B Ma-Co Growing Mash
 B-B Ma-Co 30% Protein Turkey Pellets
 B-B Pig and Hog Feed
 B-B Range Growing Mash
 B-B Starter and Broiler Ration
 Dollar \$ Maker Egg Mash
 Hi-Test Dairy Feed 20% Protein
 Hi-Test Hog Feed
 Marmico 16% Protein Dairy Feed

C. J. Martenis Grain Co., Produce Exchange Bldg., 2 Broadway, New York 4, N. Y.

Dehydrated Alfalfa Meal (*Mfr'd. by Al-Fa Meal Co., Columbus, Neb.*)
 M & Q Dehydrated 17% Alfalfa Meal (*Mfr'd. by Morrison & Quirk, Audubon, Iowa*)
 Stimulo Mixed Feed (*Mfr'd. by H. H. King Flour Mill Co., Minneapolis, Minn.*)
 Wheat Bran (*Mfr'd. by Higginsville Flour Mill, Higginsville, Mo.*)
 Wheat Gray Shorts and Ground Wheat Screenings (*Mfr'd. by Higginsville Flour Mill, Higginsville, Mo.*)

Mauser Mill Co., Treichlers, Pa.

Pure Wheat Bran
 Standard Wheat Middlings

McCabe Grain Co., Ltd., 980 Grain Exchange, Winnipeg, Man., Canada

Ground Grain Screenings

Meech & Stoddard, Inc., 76 No. Main St., Middletown, Conn.

M & S Economy Dairy Feed
 Red Wing Calf Starter and Grower
 Red Wing 15% Dairy Feed
 Red Wing Fitting Ration
 Red Wing Growing Mash
 Red Wing Horse Feed
 Red Wing Laying Mash
 Red Wing Pig and Hog Feed
 Red Wing Starting Mash
 Red Wing Stock Feed
 Special Balance Broiler Finisher
 Special Balance Complete Growing Mash
 Special Balance Growing Mash
 Special Balance Laying Mash
 Special Balance Starter and Broiler Mash
 Special Balance Starting Mash

Gustave A. Melges, 61 Sherman St., Hartford, Conn.

Wheat Middlings (*Mfr'd. by The Moody & Thomas Milling Co., Shelby, Ohio*)

Midland Flour Mills, Ltd., St. Boniface, Man., Canada
Midland Shorts

Miner-Hillard Milling Co., Wilkes-Barre, Pa.

Choice Steam Cooked Hominy Feed
M-H Dairy Feed 18%

Minnesota Linseed Oil Co., 25 44th Ave., N. E., Minneapolis 21, Minn.
Minnesota 34% Protein Expeller Process Linseed Oil Meal

Minute Maid Corp., Leesburg, Fla.
Golden Isle Citrus Pulp

The Moody & Thomas Milling Co. (See Gustave Melges)

Geo. Q. Moon & Co., Inc., 201 Chenango St., Binghamton, N. Y.

Bulky Cow Feed
Moon's Baby Chick Grains
Moon's Breeder Mash
Moon's Complete Growing Mash
Moon's Complete Laying Mash
Moon's Complete Starter and Broiler Mash
Moon's 24% Dairy Ration
Moon's Developing Grains
Moon's Fitting Ration
Moon's Growing Mash
Moon's Hog Feed
Moon's Horse Feed with Molasses
Moon's Laying Mash
Moon's N. E. 20% Laying Mash
Moon's Rabbit Pellets
Moon's Scratch Feed
Moon's Starter Mash
Moon's Stock Feed
Moon's Super Broiler Ration
Moon's 16% Test Ration
Moon's 18% Test Ration
Moon's Turkey Grower Mash
Moon's Turkey Starter Mash
N. E. Complete Growing Mash
N. E. Complete Laying Mash
Poultry Fitting Ration
Special A 16% Dairy Ration
Special A 18% Dairy Ration
Special A 20% Dairy Ration

Morrison & Quirk (See C. J. Martenis Grain Co.)

Fred C. Morse & Son, Guilford, Conn.

Old Mill 20% Breeder Mash
Old Mill 20% Broiler Mash
Old Mill 16% Complete Growing Mash
Old Mill Complete Laying Mash
Old Mill Connecticut Broiler Mash
Old Mill 18% Dairy Feed
Old Mill Fitting Feed
Old Mill 18% Growing Mash
Old Mill Hog Feed
Old Mill 20% Laying Mash
Old Mill 20% Starting Mash

Moses Bros. Co., Inc., Eaton, N. Y.

Dairy-Le 20% Balanced Ration
Moco 16% Dairy Feed

Mount Vernon Milling Co., Mt. Vernon, Ind.

Poco Hominy Feed

B. H. Muirhead, 47 Yonge St., Toronto, Ont., Canada

Wheat Bran
Wheat Shorts

Mutual Products Co., 509 N. 4th St., Minneapolis, Minn.

Formula 33
Mutual Dairyade Compound

National Alfalfa Dehydrating & Milling Co., Lamar, Colo.

Alfalfa Meal
Jack Rabbit 15% Protein Dehydrated Alfalfa Meal (Pelleted)
Jack Rabbit 17% Protein Dehydrated Alfalfa Meal

National Biscuit Co., 2221 Front St., Toledo, Ohio

Namico
Pure Wheat Bran

National Breweries (*Dawes Black Horse & Dow*), 990 Notre Dame St., West, Montreal, Que., Canada

National Breweries "Dried Brewers Grains" (*Dawes Black Horse & Dow*)

National Distillers Products Corp., 120 Broadway, New York 5, N. Y.

Nadrisol Brand Corn Distillers Dried Solubles
Produlac Brand Dried Corn Distillers Grains with Solubles

National Foods, Inc., 1225 W. 23rd St., Indianapolis, Ind.

Pulverized Feed Oats

Nebraska Consolidated Mills Co. (*See Central Connecticut Co-op. Farmers' Assoc., Inc.*)**Nebraska Farms Products, Inc. (*See Chas. M. Cox Co.*)****Nebraska Feed Products Co., Valley, Neb.**

Dehydrated Alfalfa Meal—17%

The Neumond Co., 300 Merchants Exchange Bldg., St. Louis 2, Mo.

Neumond Corn Distillers Dried Grains
Neumond Dried Brewers' Grains
Neumond 13% Suncured Dairy Cut Alfalfa

New Bedford Fish Products Corp., 2 Washburn St., New Bedford, Mass.

Cape Cod Fish Meal

Newton Concentrates, Ashby, Mass.

Newton Bovine Concentrates (Fitting and Fattening)
Newton Bovine Concentrates (Super)
Newton Bovine Concentrates (Sweet Fourteen)
Newton Bovine Concentrates (Sweet Super)
Newton Green Roughage Concentrates

Nidera Argentina SA. (*See Long Hill Feed Store*)

Nopco Chemical Co., Harrison, N. J. (See also *Vitamin D Carriers*)
Nopdex "3000"

Ogden Grain Co., Utica, N. Y.

Ogden "Biddy" Mash
Ogden Complete Pellets
Ogden 16% Dairy Feed
Ogden Fitting Ration
Ogden Growing Mash
Ogden Horse Feed
Ogden Rabbit Pellets
Ogden Starter and Broiler Ration
Ogden Super Pig Ration
Ogden Turkey Grower and Developer

Oswego Soy Products Corp., Oswego, N. Y.

Extracted Soybean Oil Meal Toasted

Pabst Brewing Co., 917 W. Juneau St., Milwaukee, Wis.

Pabst Hominy Feed

Phillip R. Park, Inc., San Pedro, Calif.

Cattle Manamar
Mixing Manamar

The Park & Pollard Co., 356 Hertel Ave., Buffalo 7, N. Y.

Arrowhead Wheat Standard Middlings and Ground Wheat Screenings

(Mfr'd. by *King Midas Flour Mills, Minneapolis, Minn.*)

Claco Dairy Ration

Corn and Oats Half and Half

Dried Beet Pulp (Mfr'd. by *Canada & Dominion Sugar Co., Ltd., Chatham, Ont., Canada*)

Go-Tu-It Pig and Hog Ration

Lay or Bust All-Mash Breeder

Lay or Bust All-Mash Grower

Lay or Bust All-Mash Layer

Lay or Bust Breeder Mash

Lay or Bust Broiler Finishing Mash

Lay or Bust Broiler Mash

Lay or Bust Chick Scratch

Lay or Bust Chick Starter

Lay or Bust Duck Breeder

Lay or Bust Egg Mash

Lay or Bust Fleshing Pellets

Lay or Bust Growing Feed

Lay or Bust Hi-Power Broiler Ration

Lay or Bust Hi-Valu Scratch Pellets

Lay or Bust Laying Pellets

Lay or Bust Poultry Fitting Ration

Lay or Bust Starter & Broiler Pellets

Lay or Bust Turkey Grower

Lay or Bust Turkey Starter

Milk-Maid Bulky Sweet Dairy

Milk-Maid Calf Meal

Milk-Maid Calf Starter Mix

Milk-Maid Calf Starter Pellets

Milk-Maid 32% Dairy Mix

Milk-Maid 16% Dairy Ration

Milk-Maid 20% Dairy Ration

Milk-Maid Dri-Fresh Ration

Milk-Maid Fitting Ration

Milk-Maid Goat Feed

The Park & Pollard Co., 356 Hertel Ave., Buffalo 7, N. Y. — Cont.

Milk-Maid Test Cow Ration
 Milk-Maid 14% Test Ration
 Park & Pollard Rabbit Pellets
 Park & Pollard Stock Feed
 Red Ribbon 16% Dairy Ration
 Red Ribbon 18% Dairy Ration
 Red Ribbon 20% Dairy Ration
 Red Ribbon Fitting Ration
 Special Milk-Maid 16% Dairy Ration
 Special Milk-Maid 20% Dairy Ration
 Yankee Horse Feed

Parrish & Heimbecker, Ltd. (See A. S. MacDonald Commission Co.)**Pasco Packing Co., Dade City, Fla.**

Sugar-Sweet Citrus Pulp

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa

Douglas Corn Gluten Feed

Perkins Oil Co., Memphis, Tenn.

Goldenrod Brand Cottonseed Meal, 41% Protein

Phenix Pabst-ett Co., 460 E. Illinois St., Chicago, Ill.

KRACO Dried Cheese Whey
 KRAYLETS for Livestock—Poultry

A. D. Pierce, Brooklyn, Conn.

Pierce 20% Breeder Mash
 Pierce Growing Mash
 Pierce Laying Mash
 Pierce Special Broiler
 Pierce 20% Starter Mash

Pilgrim Feed Co., 22 Savoy St., P. O. Box 783, Providence 1, R. I.

Pilgrim Advanced Registry 18% Test Cow Ration (*Mfr'd. by Dean & Lee, Horseheads, N. Y.*)
 Pilgrim All Purpose Starter-Grower-Layer (*Mfr'd. by Dean & Lee, Horseheads, N. Y.*)
 Pilgrim Fitting Ration 14% (*Mfr'd. by Dean & Lee, Horseheads, N. Y.*)

Pillsbury Mills, Inc., Pillsbury Bldg., Minneapolis 2, Minn.

Pillsbury's Amazon Second Clear
 Pillsbury's Durum Wheat Bran with Ground Wheat Screenings
 Pillsbury's Fancy Wheat Mixed Feed with Ground Wheat Screenings
 Pillsbury's Hard Wheat A. Middlings with Ground Wheat Screenings
 Pillsbury's Hard Wheat Bran with Ground Wheat Screenings
 Pillsbury's Hard Wheat Standard B. Middlings with Ground Wheat Screenings
 Pillsbury's Pure Soft Wheat Bran
 Pillsbury's Verona Durum Wheat Product
 Pillsbury's Wheat Bran with Ground Wheat Screenings
 Pillsbury's Wheat Germ Meal
 Pillsbury's XX Daisy

Portage Valley Milling Co., Bradner, Ohio

Valley Green Dehydrated Alfalfa Meal

R. C. Pratt & Co., Ltd., 18 Toronto St., Toronto, Ont., Canada

Ruler Brand Pure Wheat Bran
Ruler Brand Pure Wheat Shorts

Pratt Food Co., 69 Leddy St., Buffalo 10, N. Y.

Pratt's Breeder Mash
Pratt's Broiler Mash
Pratt's Calf Meal
Pratt's Chick Scratch Feed
Pratt's Chick Starter
Pratt's Complete Rabbit Pellets
Pratt's Dry, Fitting and Freshening Feed
Pratt's Fattening Mash
Pratt's Finishing Pellets
Pratt's Growing Mash
Pratt's Hog Feed (For Slop Feeding)
Pratt's Horse Feed
Pratt's Laying Mash
Pratt's Pig to Hog Meal
Pratt's Sweet 16% Dairy Feed
Pratt's Sweet 20% Dairy Feed
Pratt's 26% Turkey Grower
Pratt's Turkey Growing and Finishing Mash
Pratt's Turkey Starter
Utility Growing Mash
Utility Horse Feed
Utility Laying Mash
Utility Sweet 16% Dairy Feed
Utility Sweet 32% Dairy Supplement

Publicker Industries, Inc., 1429 Walnut St., Philadelphia, Pa.

Dried Corn Distillers Solubles
28% Grain Sorghum Distillers Dried Grains
30% Grain Sorghum Distillers Dried Grains
Paco "250" Dried Grain Fermentation Solubles

Purity Flour Mills, Ltd., Toronto, Ont., Canada

Pioneer Bran

The Quaker Oats Co., Merchandise Mart Plaza, Chicago 54, Ill.

Bell Cow Wheat Bran
Bell Cow Wheat Shorts
Big Egg Chick Starter-Growing Mash
Early Bird Fine Chick Feed
Feeding Oat Groats and Feeding Steel Cut Oat Groats
Ful-O-Pep Broiler Mash
Ful-O-Pep Calf Ration
Ful-O-Pep Calf Starter
Ful-O-Pep 32% Cattle Feed Concentrate
Ful-O-Pep Chick Starter
Ful-O-Pep Crate Fattener (Special)
Ful-O-Pep 32% Dairy Concentrate
Ful-O-Pep 16% Dairy Feed
Ful-O-Pep 18% Dairy Feed
Ful-O-Pep 20% Dairy Feed
Ful-O-Pep Egg-Breeder Mash
Ful-O-Pep Egg Ration
Ful-O-Pep Fattening Feed Pellets (Special)
Ful-O-Pep Fine Chick Grains
Ful-O-Pep Fitting Feed
Ful-O-Pep Flock Ration

The Quaker Oats Co., Merchandise Mart Plaza, Chicago 54, Ill. — Cont.

Ful-O-Pep Goat Feed
 Ful-O-Pep Growing Mash
 Ful-O-Pep Growing Ration
 Ful-O-Pep Horse Feed
 Ful-O-Pep Laying Mash
 Ful-O-Pep Milking Feed
 Ful-O-Pep 22% Protein Broiler Mash
 Ful-O-Pep Rabbit Pellets
 Ful-O-Pep Sow Feed
 Ful-O-Pep Sow Supplement
 Ful-O-Pep Super Greens
 Ful-O-Pep Turkey Breeder
 Ful-O-Pep Turkey Finisher Pellets
 Ful-O-Pep Turkey Grower
 Ful-O-Pep Turkey Starter
 Muffets Shredded Wheat Feed
 Peterborough Oat Huller Feed
 Quaker 50% Molasses Feed
 Quaker Oat Mill Feed with 25% Molasses
 Quaker 16% Protein Dairy Feed
 Quaker 20% Protein Dairy Feed
 Quaker Sugared Schumacher Feed
 Quaker Sweet Mixing Feed
 Schumacher Dry and Heifer Feed
 Sugared Vim Feed
 Victor Feeding Rolled Oats
 Vim Oat Huller Feed
 Yellow Hominy Feed

Quebec Sugar Refinery, St. Hilaire, Que., Canada

Dried Beet Pulp

Ralston Purina Co., Checkerboard Sq., St. Louis 2, Mo.

Corn and Oat Provender
 Dairy Premix A
 Northeastern 16% Dairy Feed
 Northeastern 18% Dairy Feed
 Northeastern 20% Dairy Feed
 Northeastern Scratch Feed
 Northeastern Special Dairy 16%
 Northeastern Special Dairy 18%
 Northeastern Special Dairy 20%
 41% Protein Cottonseed Meal
 Purina B & M Cow Chow
 Purina Beef Chow
 Purina Breeder Lay Chow (For Heavy Breeds)
 Purina Breeder Layena (For Heavy Breeds)
 Purina Broiler Checkers
 Purina Broiler Chow
 Purina Broiler Chow Custom
 Purina Broiler Chow Finisher
 Purina Broiler Chow (Special)
 Purina Broiler Chow Starter
 Purina Bulky Las
 Purina Calf Chow
 Purina Calf Startena
 Purina Chick Chow (Coarse)
 Purina Chick Chow (Fine)
 Purina Chick Growena
 Purina Chick Growing Chow

Ralston Purina Co., Checkerboard Sq., St. Louis 2, Mo. — Cont.

Purina Chick Startena
 Purina Chicken Fatena
 Purina Chicken Fatena Checkers
 Purina Commercial Lay Chow
 Purina Commercial Layena
 Purina Complete Sow and Pig Chow
 Purina Cow Chow 16%
 Purina Cow Chow 18%
 Purina Cow Chow 20%
 Purina Cow Chow (Test Ration)
 Purina D & F Chow
 Purina Flock Chow
 Purina Fox Checkers
 Purina Game Bird Breeder Chow
 Purina Game Bird Growing Chow
 Purina Game Bird Startena
 Purina Goat Chow
 Purina Hen Chow
 Purina Hog Fatena
 Purina Layena (Complete Ration)
 Purina Milk Chow 16%
 Purina Milk Chow 18%
 Purina Mink Chow
 Purina Omolene
 Purina Pig-Plus (For Runty Pigs)
 Purina Pig Startena B
 Purina Poultry Booster Checkers
 Purina Poultry Breeder Checkers
 Purina Rabbit Chow Checkers (Complete Ration)
 Purina Range Checkers
 Purina Roaster Chow
 Purina Steer Fatena E
 Purina Turkey Breeder Layena (Complete Ration)
 Purina Turkey Fatena (Complete Finisher Ration)
 Purina Turkey Growena
 Purina Turkey Growing Chow
 Purina Turkey Startena
 Reground Oat Hulls

Red's Feed Store, 121 Farmington Ave., Bristol, Conn.

Red's Special 16%

Reliable Grain & Fuel Co., 65 Canal St., Ansonia, Conn.

Connecticut State Open Formula Dairy Ration
 Reliable Growing Feed with Cod Liver Oil
 Reliable Laying Mash with Cod Liver Oil
 Reliable 16% Protein Dairy Feed

Riverside Elevator Co., 1366 Penobscot Bldg., Detroit 26, Mich.

Corn Distillers' Dried Grains 26% (*Mfr'd. by Hiram Walker & Sons, Ltd., Walkerville, Ont., Canada*)
 Corn Distillers' Dried Grains 28% (*Mfr'd. by H. Corby Distillery, Ltd., Corbyville, Ont., Canada*)
 Corn Distillers' Dried Grains 28% (*Mfr'd. by Gooderham & Worts, Ltd., Toronto, Ont., Canada*)

Robin Hood Flour Mills, Ltd., Moose Jaw, Sask., Canada (See International Milling Co.)

Superior Pure Wheat Bran

Rodney Milling Co., Kansas City 8, Mo.

Heart of America Pure Wheat Bran

Rohloff Bros., Inc., Graytown, Ohio

Dehydrated Alfalfa Meal

E. H. Rollins & Sons, Inc., Granby, Conn.

Connecticut's Best Dairy Feed 16%

Connecticut's Best Dairy Feed 18%

Connecticut's Best Fitting Ration

Connecticut's Best Growing Mash

Connecticut's Best Horse Feed

Connecticut's Best Laying Mash

Connecticut's Best Pig and Hog Feed

Connecticut's Best Super Broiler Ration

H. M. Rubin Co., Inc., 53-01 Vernon Blvd., Long Island City 1, N. Y.

Rubco 50% Protein Meat and Bone Scrap

Rubco 55% Protein Meat and Bone Scrap

Rubco 60% Protein Meat and Bone Scrap

Russell-Miller Milling Co., Feed Div., P. O. Box 964, Minneapolis 1, Minn.

Alta Hard Wheat Middlings Containing Ground Wheat Screenings

Hard Wheat Occident Bran

Hard Wheat Occident Flour Middlings

Hard Wheat Occident Mixed Feed Containing Ground Wheat Screenings

Hard Wheat Occident Standard Middlings Containing Ground Wheat Screenings

St. Lawrence Flour Mills Co. (See *The Yantic Grain & Products Co.*)**Saunders Mills, Inc., Toledo, Ohio**

17% Dehydrated Alfalfa Meal

Wolf Savitsky & Sons, Inc., Foot of White St., Shelton, Conn.

Wolf's Broiler Finisher

Wolf's Chick Starter

Wolf's Egg Mash

Wolf's Growing Mash

Wolf's Hi-Speed Broiler Ration

Wolf's Horse Feed

Wolf's Performo-Las

Wolf's Pig and Hog Feed

Wolf's Profitmaker 16% Dairy Ration

Wolf's Stock Feed

Wolf's Sweetened 14% Dairy Ration

Wolf's Sweetened 16% Dairy Ration

Wolf's Sweetened 18% Dairy Ration

Wolf's Sweetened 20% Dairy Ration

Savitt Grain Exchange, 914 Housatonic Ave., Bridgeport, Conn.

Complete Growing Mash

16% Dairy Ration

Growing Mash

Hi-Energy Broiler Mash

Horse Feed

Laying Mash

Turkey Grower

Schenley Distilleries, Inc., 350 Fifth Ave., New York, N. Y.

Schenley's Mark of Merit Milo Distillers Dried Grains with Solubles, 26%

Schenley's Soludri Distillers Solubles Dried, 20%

Schenley's Soludri Distillers Solubles Dried, 22%

Schoeneck Farms, Inc., R. D. #3, Nazareth, Pa.

Schoeneck's Super-Green Dehydrated Alfalfa Meal

Sea Board Supply Co., 35th & Gray's Ferry Ave., Philadelphia 46, Pa.

Crab Meal

Joseph E. Seagram & Sons, Inc., Louisville, Ky.

Seagram's Corn Distillers Dried Grains — 21%

Seagram's Corn Distillers Dried Grains — 25%

Seagram's Corn Distillers Dried Grains — 26%

Seagram's Distillers Dried Solubles

Sessions Oil Mills, Enterprise, Ala.

Sesco 45% Protein Solvent Extracted Peanut Oil Meal

Seymour Grain & Coal Co., 100 Main St., Seymour, Conn.

Miracle Dairy Ration

Miracle Fitting Ration

Miracle Grower

Miracle Hi-Energy Starter and Broiler Ration

Miracle Hog Ration

Miracle Horse Feed

Miracle Mash

Miracle Scratch Feed

Miracle Turkey Grower

New England Mash

See-More-Milk Dairy Ration, 18%

See-More-Milk Dairy Ration, 20%

The A. E. Shedd Co., Norwich, Conn.

Shedd's Connecticut Laying Mash

Shedd's 16% Dairy Ration with Vitamin D

Shedd's Fitting Ration with Vitamin D

Shedd's 18% Milkmaker

The Sherwin Williams Co., 101 Prospect Ave., Cleveland, Ohio

Sherwin Williams 34% Linseed Oil Meal

Silmo Chemical Corp., S. W. Blvd., Vineland, N. J. (See also Vitamin D Carriers)

Col-Iver

Vit-AD-1500

Vit-D-1500

David Small (See Yieldmor Feeds, Inc.)**The W. J. Small Co., Inc., 1200 Oak St., Kansas City, Mo.**

Alfalfa Meal

Small's 17% Dehydrated Alfalfa Meal

Small's 15% Dehydrated Alfalfa Pellets

Allen V. Smith, Inc., Marcellus Falls, N. Y.

Smith's Barley Feed, Red Tag Brand

The Smith Meal Co., Inc., Amagansett, N. Y.

Smith's Lifeline Fish Meal

South Windsor Grain Co., So. Windsor, Conn.

Valley Growing Mash

Valley Laying Mash

Southern Fruit Distributors, Inc., Pineloch Ave., Orlando, Fla.

Bluebird Sugar Sweet Dried Citrus Pulp

Soya Processing Co., 505 Palmer St., Wooster, Ohio

Wooster Brand Solvent Extracted Soybean Oil Meal

Sperti Products, Inc., 816 Clinton St., Hoboken, N. J.

Sperti Dried Brewery Yeast, Type No. 1

A. E. Staley Mfg. Co., Decatur, Ill.

Staley's Corn Gluten Feed

Staley's 50% Protein Dehulled Solvent Extracted Soybean Oil Meal

Staley's 41% Protein Expeller Soybean Oil Meal

Staley's 44% Protein Solvent Extracted Soybean Oil Meal

Staley Milling Co., 1717 Armour Rd., Kansas City 16, Mo.

Hi-Power Hominy Feed

Standard Milling Co., 309 W. Jackson Blvd., Chicago 6, Ill.

Hecker's Choice Wheat Bran with Ground Wheat Screenings

Hecker's Wheat Red Dog

Hecker's Wheat Standard Middlings with Ground Wheat Screenings

Red Turkey Wheat Bran

Wheat Bran

Wheat Flour Middlings with Ground Wheat Screenings

Wheat Standard Middlings with Ground Wheat Screenings

XXX Comet (Wheat Product Composed of Wheat Red Dog)

D. A. Stickell & Sons, Inc., 67 W. Baltimore St., Hagerstown, Md.

Stickell's Intermediate Chick Feed

Stickell's Poultry Fatner

Su-Pur All Mash Starter

Su-Pur Growing Mash

Su-Pur Horse and Calf Feed

Su-Pur Rabbit Pellets

Su-Pur Turkey Growing Mash

Victor Chick Feed

Zip Egg Mash (*Mjrd. by Anchor Mills, Hagerstown, Md.*)**Stock-Gro, Inc., 228 N. LaSalle St., Chicago 1, Ill.**

Simmons Condensed Whey—55% Solids

Simmons 'Pail-O' Dried Skim Milk and Dried Whey

Simmons Stock-Gro

Suni-Citrus Products Co. (*See Ashcraft-Wilkinson Co.*)**Sunny Slope Farms, Inc., Nazareth, Pa.**

Sunny Slope Farms Brand Dehydrated Alfalfa Meal

Sunshine Biscuits, Inc., Milling Div., Rosedale Sta., Box 56, Kansas City 3, Kan.

U. M. C. Wheat Bran—Pure Wheat Bran

Swift & Co., Union Stock Yards, Chicago 9, Ill.

Swift's 41% Protein Cottonseed Meal or Pellets

Swift's 42% Protein Soybean Oil Meal or Pellets

Swift's 44% Protein Soybean Oil Meal (Solvent)

Swift's Special 21% Protein Broiler Ration

Thomaston Supply Co., Inc., Thomaston, Conn.

Thomaston Dairy Ration
Thomaston Egg Mash
Thomaston Growing Mash
Thomaston Starter Mash
Thomaston Starter and Broiler Mash
Thomaston Stock Feed¹

Union Sales Corp., Dist. for Union Starch & Refining Co., 301 Washington St., Columbus, Ind.

Union Corn Gluten Feed

United Co-operative Farmers, Inc., 339 Broad St., Fitchburg, Mass.

U.C.F. All Mash Grower and Layer
U.C.F. Breeder
U.C.F. Calf Starter
U.C.F. Calving Ration
U.C.F. 16% Dairy
U.C.F. Egg Mash
U.C.F. Fitting Ration
U.C.F. Grower
U.C.F. Horse Feed
U.C.F. Layer
U.C.F. Milkmaker
U.C.F. Pig and Hog Feed
U.C.F. Poultry Fattening Ration
U.C.F. Starter
U.C.F. 16% Super Dairy
U.C.F. Super Starter
U.C.F. Turkey Finisher (Pelleted)
U.C.F. Turkey Grower

United States Alfalfa Products Co., Verdon, Neb.

Alfalfa Pellets

United States Industrial Chemicals Co., Div. of National Distillers Products Corp., 60 E. 42nd St., New York 17, N. Y.

Curbay B-G 80
Special Liquid Curbay
U.S.I. Brand Synthetic DL-Methionine (Feed Grade)
U.S.I. Riboflavin Supplement No. 4

Unity Feeds, Inc., 177 Milk St., Boston 9, Mass.

Unity Breeder Mash
Unity Calf Starter—Complete
Unity Calving Ration
Unity Chick Scratch Feed
Unity Complete Growing Mash
Unity Complete Rabbit Pellets
Unity 14% Dairy Fitting Ration
Unity 16% Dairy Ration
Unity 18% Dairy Ration
Unity 20% Dairy Ration
Unity Fleshing Pellets
Unity Growing Mash
Unity Horse Feed
Unity Laying Mash
Unity Pig and Hog Ration -
Unity Poultry Fitting Ration

¹ Later substituted by Thomaston 16 Dairy Ration.

Unity Feeds, Inc., 177 Milk St., Boston 9, Mass. — Cont.

Unity Scratch Feed
 Unity Stock Feed
 Unity Super-Gro Ration
 Unity Super Ration
 Unity Tri-way Mash
 Unity Turkey Finishing Pellets
 Unity Turkey & Game Bird Breeder Mash
 Unity Turkey & Game Bird Growing Mash
 Unity Turkey & Game Bird Super Ration

Universal Grain Co. of N. J., 425 South St., Newark, N. J.

Superior Cow Brand Dried Brewers Grains

Valier & Spies Milling Co. of Flour Mills of America, Inc., 5020 Shreve Ave., St. Louis 15, Mo.

Valier's Wheat Bran

The Van Iderstine Co., 37-30 Review Ave., Long Island City 1, N. Y.

Vico Steamed Bone Meal

Victory Mills, Ltd., 285 Fleet St., East, Toronto, Ont., Canada

Soybean Oil Meal—"Veeline" Brand

Hiram Walker & Sons, Inc., Peoria 1, Ill.

Corn-Milo Distillers Dried Grains with Solubles

Hiram Walker & Sons, Ltd. (See Riverside Elevator Co.)**William S. Warren & Son (See Clyde Milling Co.)****The Watertown Co-op. Assoc., Inc., Watertown, Conn.**

Broiler Mash
 Storrs' Formula Calf Ration
 Storrs' Formula Chick Starter
 Storrs' Formula Growing Mash
 Storrs' Formula Laying Mash
 Storrs' 16% Pasture Ration
 Storrs' Standard 20% Ration
 Turkey Growing Mash

The Weber Flour Mills Co., Salina, Kan.

Weber's Wheat Bran and Ground Wheat Screenings

H. K. Webster Co., 24 West St., Lawrence, Mass.

Blue Seal All-Mash Breeder's Ration
 Blue Seal All-Mash Egg Ration
 Blue Seal All-Mash Growing Ration
 Blue Seal Breeder's Mash
 Blue Seal Calf Grower
 Blue Seal Calf Starter
 Blue Seal Chick Feed
 Blue Seal Coarse "16" Dairy Ration
 Blue Seal Coarse "20" Dairy Ration
 Blue Seal Economizer "16" Dairy Ration
 Blue Seal Egg Mash
 Blue Seal Fattening Pellets
 Blue Seal Fine "16" Dairy Ration
 Blue Seal Fine "20" Dairy Ration
 Blue Seal Fitting Ration
 Blue Seal Goat Feed
 Blue Seal Growing Mash
 Blue Seal Horse Feed
 Blue Seal Pig Feed
 Blue Seal Poultry and Turkey Fitting

H. K. Webster Co., 24 West St., Lawrence, Mass. — Cont.

- Blue Seal Rabbit Pellets
- Blue Seal Stock Feed
- Blue Seal Succulent Feed and Calving Ration
- Blue Seal Super Mash
- Blue Seal Super Starter and Broiler
- Blue Seal Test Ration
- Blue Seal Turkey Growing

Western Condensing Co., 935 E. John St., Box 499, Appleton, Wis.
(See also *Vitamin D Carriers*)

- Peebles' "55"
- Peebles' Calf-Kit
- Peebles' Dried Whey-Product 50% Lactose with Whey Fermentation Solubles (Ribolac)
- Peebles' Dried Whey-Product with Whey Fermentation Solubles (Ribolac)
- Peebles' Free Choice Feed
- Peebles' Lacto-G Dried Whey
- Peebles' M-N-C

Western Star Mill Co. (See John W. Eshelman & Sons)

West-Nesbitt, Inc., Oneonta, N. Y.

- All Pure Milk Ration
- Ideal 20% Dairy Ration
- Pure Feed Broiler Mash
- Pure Feed Calf Grower
- Pure Feed Calf Meal
- Pure Feed Chick Grains
- Pure Feed Complete Laying Mash
- Pure Feed Complete Rabbit Pellets
- Pure Feed Connecticut Broiler Ration
- Pure Feed 16% Dairy Ration
- Pure Feed 20% Dairy Ration
- Pure Feed Dairy-Test Ration
- Pure Feed Egg and Breeder Mash
- Pure Feed Egg Maker
- Pure Feed 14% Fitting Ration
- Pure Feed Growing Mash
- Pure Feed High Energy Broiler
- Pure Feed Horse Ration
- Pure Feed 28% Mixing Ration
- Pure Feed Starting Mash
- Pure Feed Swine Ration
- Pure Feed Turkey Finisher
- Pure Feed Turkey Grower
- Pure Feed Turkey Starter

Almont C. Wetherell, Suffield, Conn.

- No. 2 Special Dairy
- No. 3 Dairy Ration

Whitmoyer Laboratories, Inc., Myerstown, Pa. (See also *Vitamin D Carriers*)

- Clo-Meal
- Flav-A-Dec
- Gro-Tein

Wilkins-Rogers Milling Co., Inc., 3261 K St., N. W., Washington, D. C.

- Big Five Dairy Feed
- Red Raven Horse Feed
- Washington Egg Mash
- Washington Growing Mash
- Washington Scratch Feed

The Yantic Grain & Products Co., 3 Cove St., Norwich, Conn.

- Big Y All-In-All Breeder Ration
- Big Y All-In-All Egg Ration
- Big Y All-In-All Growing Ration
- Big Y Breeder Mash
- Big Y Calf Ration
- Big Y Chick Scratch Grains
- Big Y Chick Starter
- Big Y Complete Calf Starter and Builder
- Big Y Complete Chick Starter-Broiler Ration
- Big Y Dairy and Fitting Ration
- Big Y 16% Dairy Ration
- Big Y 18% Dairy Ration
- Big Y 20% Dairy Ration
- Big Y 32% Dairy Supplement Feed
- Big Y Egg Maker
- Big Y Hi-G Dairy Ration
- Big Y Hog and Pig Ration
- Big Y Horse Feed
- Big Y Improved Broiler Finisher
- Big Y Improved Broiler and Starter Ration
- Big Y Improved Laying Mash
- Big Y Improved Turkey Starter and Game Bird Feed
- Big Y Inter-Gro Ration
- Big Y Intermediate Chick Grains
- Big Y 20% Laying Mash
- Big Y M & O Growing Feed
- Big Y M & O Laying Mash
- Big Y Meat Pullet and Capon Ration
- Big Y Milk Maker—20%
- Big Y Pigeon Feed
- Big Y Progressive Growing Feed
- Big Y Purity Dairy Ration—16%
- Big Y Rabbit Pellets
- Big Y Scratch Feed
- Big Y Stock Feed
- Big Y Super Starter-Broiler Ration
- Big Y Turkey Breeder Mash
- Big Y Turkey Fattener
- Big Y Turkey Finisher
- Big Y Turkey Growing Feed
- Big Y Turkey Inter-Gro
- Hi-Efficiency Breeder Mash
- Hi-Efficiency Laying Mash
- Hi-G Scratch Feed
- Improved Al-Mo
- Premier Wheat Shorts (*Mfr'd. by St. Lawrence Flour Mills Co., Ltd., Montreal, Que., Canada*)

Yieldmor Feeds, Inc., 101 S. Downing St., Piqua, Ohio

- Laakso Breeder Mash (*Mfr'd. for Locust Grove Hatchery, Plainfield, Conn.*)
- David Small's Breeder Mash (*Mfr'd. for David Small, East Hartford, Conn.*)
- David Small's Fleshing Pellets (*Mfr'd. for David Small, East Hartford, Conn.*)
- Yieldmor 16% Dairy
- Yieldmor Growing Mash
- Yieldmor Hi-Energy Broiler Ration

Meyer Zausner, Inc., New Holland, Lancaster County, Pa.

- Zausner Condensed Whey Feed

Vitamin D Carriers

The Borden Co., Special Products Div., 350 Madison Ave., New York 17, N. Y.
(See also Feeds)

Borden's Ration-Ayd For Poultry Mash
Borden's VamPros Accessory Feed for Poultry
Bospro Vitamin A and D Supplement
Ration-Ayd for Hogs, A Mixer's Ingredient for Fortifying Pig and Hog Feed

Brown-Forman Distillers Corp., 1908 Howard St., Louisville, Ky. (See also Feeds)
Brown-Forman SuperSol

Coastal Laboratories, Inc., 23 Flint Rd., South Toms River, N. J. (See also Feeds)
Super-Tonic Vitamin A & D Oil Emulsion (750 A, 300 D per gram)

Consolidated Products Co., 119 N. Washington Ave., Danville, Ill.
Semi-Solid "E" Emulsion
Semi-Solid "E" Emulsion—For Self Feeding

Dawe's Products Co., 4800 So. Richmond St., Chicago 32, Ill. (See also Feeds)
Dawe's Sterol-D₃
Dawe's Vitamelk Base
Flavonne Ribo-D

E. I. du Pont de Nemours & Co., Wilmington 98, Del.
Du Pont Delsterol 1500-D "D"-Activated Animal Sterol (Vitamin D₃)
in Corn Meal
Du Pont Delsterol 3000-D "D"-Activated Animal Sterol (Vitamin D₃)
in Corn Meal

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.
Calf Tablets
Vitamin A & D Feeding Oil

The Fox Co., Newfield, N. J. (See also Feeds)
Foxco Dependable Dry 1500D
Foxco Qualadee A & D Feeding Oil — 85
Foxco Qualadee A & D Feeding Oil — 300

Gorton-Pew Fisheries Co., Ltd., 327 Main St., Gloucester, Mass. (See also Feeds)
Gorton's Al-Fish Blend "Junior"
Gorton's Al-Fish Blend "Senior"
Gorton's "G. P."
Gorton's Vitamin "A" & "D" Feeding Oil

Marden-Wild Corp., 500 Columbia St., Somerville, Boston 43, Mass.
Marden's Poultry Feeding Cod Liver Oil 150D/1500A
Marden's Poultry Feeding Cod Liver Oil 300D/2250A
Marden's Vitamin A & D Feeding Oil 300D/1500A

McKesson & Robbins, Inc., 155 E. 44th St., New York 17, N. Y.
Peder Devold Cod Liver Oil USP Destearinated

Nopco Chemical Co., Harrison, N. J. (See also Feeds)
Nopco X Vitamin A & D Feeding Oil
Nopdex "3000"

Silmo Chemical Corp., Vineland, N. J. (*See also Feeds*)

Silmo 75-D Oil
Silmo Vitamin A & D Feeding Oil 300
Silmo X Vitamin A & D Feeding Oil
Silmo XX Vitamin A & D Feeding Oil
Vit-AD-1500
Vit-D-1500

Vitaron Chemical Manufacturing Co., 57-59 Commerce St., Brooklyn 2, N. Y.

Fortified Cod Liver Oil 75
Fortified Cod Liver Oil 300

Western Condensing Co., 935 East John St., Appleton, Wis. (*See also Feeds*)

Peebles' Calf-Kit

Whitmoyer Laboratories, Inc., Myerstown, Pa. (*See also Feeds*)

Dri-Col 300D-1000A
Dri-Col 1500-D
Flav-A-Dee
Whitcod Cod Liver Oil Concentrate
Whitcod Pure Cod Liver Oil USP Non Destearinated
Whitmoyer Feeding Oil 85
Whitmoyer Quality Vitamin A & D Feeding Oil

SUMMARY OF INSPECTION

In the calendar year 1951, a total of 1,880 samples was examined. This total included official samples of commercial feeds and vitamin D carriers, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	181
Check feeds, A. F. C. O.	12
Commercial feeding stuffs, official samples	1,050
Medicated feeds	69
Miscellaneous feeds, etc., analyzed for purchasers	93
Pasture grass, etc., samples for Storrs Station	430
Vitamin D carriers, official samples	45
	1,880

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

Commercial Feeding Stuffs

The results of analysis of official inspection samples, other than vitamin D carriers, are summarized as follows:

Total number of samples	1,050
Samples deficient in:	
one item	96
two items	13
Percentage of samples meeting guaranties	90
Total guaranties made	3,136 ¹
Guaranties not met:	
protein	33
fat	73
fiber	16
Percentage of guaranties met	96

This year's inspection shows 14 fewer samples found deficient than in 1950. For the third successive year deficiencies in fat have considerably exceeded those for any other ingredient. The percentage of samples meeting all guaranties (90) and the percentage of guaranties met (96) remain very high, however.

Chemical analyses of official samples are given in Table 1; deficiencies are shown in **bold face type**.

Vitamin D Carriers

Forty-five samples of vitamin D carriers were tested during the year. Results of biological tests are summarized in Table 2. For the first time since testing of these supplements was begun in 1937, all samples fully met or exceeded their guaranteed potencies. During the entire 15-year period from 1937 to 1951 inclusive, 765 samples have been examined and

¹ Ten samples with two guaranties and two with only one guaranty.

11 per cent found to be distinctly below guaranty; in 1950, 8 per cent were definitely deficient.

Prior to 1951 guaranties for poultry feed supplements were required to be in terms of units of vitamin D per gram of feed, using the official chick unit of the Association of Official Agricultural Chemists. As a result of adoption by the World Health Organization in 1949, and subsequently by the U. S. Pharmacopoeia, of a new vitamin D unit (equivalent to twenty-five thousandths of a microgram of vitamin D₃, the A. O. A. C. chick unit was abolished in 1950 and a new International chick unit substituted for it. Beginning with 1951 registrations, we have, therefore, followed regulations of the Association of American Feed Control Officials in requiring guaranties for vitamin D carriers to be in terms of International chick units per pound instead of A. O. A. C. chick units per gram. Four of the former A. O. A. C. chick units were equivalent to three of the new units, and there are 453.59 grams in a pound, so the old guaranties in terms of A. O. A. C. chick units per gram may be converted to the new basis of International chick units per pound by multiplying by 340.

Medicated Feeds

Medicated feeds are still not required to be registered under the feeding stuffs law, but they are analyzed every year for their drug content. Forty-seven samples of sulfaquinoxaline feeds, five enheptin feeds, and 17 nitrophenide feeds, or a total of 69 medicated feed samples, were analyzed during 1951. Most of these samples were taken by inspectors of the Food and Drug Commission. Analyses are given in Tables 3 and 4; deficiencies are in **bold face type**. Of the sulfaquinoxaline feeds 29, or 62 per cent, were passed; but none of the enheptin feeds, and only four of the nitrophenide feeds (24 per cent), came within ± 20 per cent of their guaranties. Several nitrophenide feed samples were found to be contaminated with a sulfa drug, presumably sulfaquinoxaline; in some cases there was complete substitution, no nitrophenide being present. The source of this contamination has not been traced, but there is reason to believe that the substitution occurred in the premixes and that the feed manufacturers were unaware of it.

A short review of the medicated feed question was presented by the department head at the winter meeting of the Association of New England Food and Drug Officials in Boston on January 22, 1952; it is reproduced herewith as a matter of information:

MEDICATED FEEDS

H. J. Fisher, Chief Chemist

Two years ago at the Parker House I gave a paper on "The Control of Medicated Feeds: Chemical and Legal Aspects", nearly the same subject as I am going to talk about today. However, that paper was chiefly concerned with the legal questions involved in the control of medicated feeds (which I shall slide over today), and did not have too much to say about the drugs that were used, why they were used, and their methods of

determination. In the two years that have gone by, the field of medicated feeds has expanded considerably and much more is known, so perhaps it is worth while to discuss the subject again as your secretary requested.

First, for the purposes of this talk I am going to restrict the term "medicated feeds" to include complete animal feeds containing small quantities of drugs as added ingredients but exclude stock remedies in which nutritional ingredients, if present, are unimportant. "Medicated feeds" so defined are subject to the feed laws of the various states, but they are also subject to the U. S. Food, Drug and Cosmetic Act and come within the scope of the food and drug laws of those states that have adopted the model law. As a matter of fact, because the Federal Act and the model bill define the term "food" to include "articles used for food or drink for man or other animals", unmedicated as well as medicated feeds are subject to food and drug laws as well as feed laws, and it is only because of this fact that the Federal government has been able to take any action against substandard feeds, because there is no Federal feed law. Medicated feeds are of course not only foods but drugs also; the U. S. Food and Drug Administration considers them to be primarily drugs and only secondarily foods, and requires them to be labelled in such fashion as to give prominence to their drug content and use. We in Connecticut have agreed in this point of view, and it is for this reason that sampling of medicated feeds and procedure against manufacturers in cases of deficiency have been in the hands of the Food and Drug Commission. Of course only in Connecticut and Maine of the New England states are the analyses of feeds and of foods and drugs and the administration of the feed and food and drug laws essentially in the same hands; in the other states administrators of the feed laws know little about what administrators of the food and drug laws are doing, and vice-versa; the result is that in practice food and drug laws of those states are never applied to medicated feeds.

This is all I am going to say about legal questions; from this point on I am going to confine my attention to what drugs are used in medicated feeds, how they are tested for, and what the results of the field surveys of market medicated feeds have been.

Until recently all the medicated feeds on the market have been poultry feeds. The first of these was a mixture containing one per cent of sulfaguanidine that was sold as a cure for coccidiosis. The reason for dispensing the drug in the feed was the very practical one that, because no commercial poultry raiser, when coccidiosis arose in his flocks, could afford to spend the time to administer tablets individually to each chicken, only some form of mass dosage was feasible. While this use of sulfaguanidine was a notable advance in the treatment of coccidiosis, it had its faults, because the chickens could not be continually maintained on a diet of 1 per cent sulfaguanidine, but if they were not, contracted the disease all over again as soon as they were taken off the drug. Then in 1948 a new sulfa drug, which had been tried as a remedy for malaria in human beings and abandoned as too toxic, entered the picture: sulfaquinolaxaline. It was discovered that if chickens were fed this drug in their feed in very low concentration (0.0125 per cent), the coccidia were not all

killed but their multiplication was sufficiently inhibited to keep the birds alive until natural immunity could develop. This treatment proved so effective that most poultrymen wanted to use it, but because the dosage was so small as to make it difficult for them to compound the proper mixture with the feed a considerable demand for ready-mixed sulfaquin-oxaline feeds suddenly arose in 1949. The result was that feed manufacturers found themselves entering the drug business, at first with some trepidation and only because they felt they had to keep their customers' good will. Later they apparently found it profitable, because the business has grown.

A number of other sulfa drugs have been sold in feed mixtures for the treatment of coccidiosis, namely, sulfamerazine, sulfamethazine and sulfathiazole; but the quantity of such drugs sold has been very low. Two drugs not sulfonamides have also entered the picture: nitrophenide and nitrofurazone. Nitrofurazone (5-nitro-2-furfuraldehyde semicarbazone) feeds apparently have never "taken", but nitrophenide has become of some importance as a competitor of sulfaquin-oxaline, particularly because it can be made more cheaply. This drug, which is m,m'-dinitro-diphenyldisulfide and therefore a sulphur-containing but not a "sulfa" drug, is fed in the same dosage and in the same manner as sulfaquin-oxaline; so far as I know it is equally effective.

In 1950 a new drug, enheptin, appeared for use as a remedy against another disease, "blackhead" or histomoniasis, which has long been a cause of serious losses to turkey growers. Originally there were two "enheptins": the original experiments were carried out with 2-amino-5-nitropyrimidine, which was christened "Enheptin P"; but it was soon found that 2-amino-5-nitrothiazole, "Enheptin T", was equally effective and cheaper to make, so the thiazole compound was the only one that reached the market and the "T" was dropped from the name. Enheptin feeds are sold in two concentrations: 0.1 per cent for use in flocks where blackhead is present and 0.05 per cent for prophylactic use. (I have just learned from Mr. Clark that the latest chapter in the enheptin story is that enheptin feeds have not proved too satisfactory in practice because turkeys object to their flavor and cut down on their feed consumption, and so now instead of giving the enheptin in the feed growers are adding a soluble enheptin preparation to the drinking water that turkeys always consume in quantity when they are sick.)

Before going on from medicated feeds for the treatment of poultry diseases to feeds containing growth stimulants, one preparation that belongs in both categories should be mentioned. Dr. Salsbury's Laboratories of Charles City, Iowa, an old company in the stock remedy field, is selling under the name of "Nitrosal" a mixture of an uncommon sulfa drug, N⁴-acetyl-N¹-(4 nitrophenyl) sulfanilamide, and an organic arsenical, 3-nitro-4-hydroxyphenylarsonic acid. "Nitrosal" is mixed with the feed in such concentration that the finished feed contains 0.3 per cent of the sulfa drug and 0.009 per cent of the arsenical; this means that the metallic arsenic content of the feed is 26 parts per million. The sulfa drug is added purely as a coccidiosis remedy, but the 3-nitro-4-hydroxyphenylarsonic acid, whether or not it has any effect on coccidia, has been

definitely proved to stimulate the growth of chickens, and is being sold by the manufacturer for this purpose unmixed with the sulfa drug. In spite of the fact that it is an arsenic compound it is claimed to be non-toxic to chickens (and to people who eat them) at the dosage used. Whether this is true or not I cannot say; it is an interesting fact that a case arose recently in Connecticut in which chickens that had been fed a "Nitrosal" feed died, but the picture was complicated by the fact that the birds had also been given another sulfa drug; it is not at all certain that any of these drugs was the cause of death, and if the "Nitrosal" was the toxic agent, it could have been the relatively untested sulfa drug rather than the arsenical that was responsible.

The addition of growth stimulants to feeds is the very newest thing in the feed industry, and promises to be the most important development in years. Whether such feeds are "medicated" or not is an open question; in any case they are not sold for the cure of a disease. This development goes back to the old "animal protein factor" question. It had been known for some time that animals grew better on diets whose protein was obtained from animal sources than they did on rations containing only vegetable protein, even when the vegetable diets were fortified with all the known vitamins; the mysterious ingredient in fish meal, for instance, that was lacking in alfalfa or soybean meal, was called the "animal protein factor". When vitamin B₁₂ was recently discovered, it was found that most of the "animal protein factor" effect was due to this vitamin. However, in one class of materials—the byproducts of antibiotics manufacture—the vitamin B₁₂ content did not account for all the effect, and it was found that the antibiotics themselves had definite growth-stimulating properties. From this observation has grown a practice of adding aureomycin, terramycin, streptomycin, penicillin, etc., to feeds. The concentrations used are much below those administered to cure disease (5 milligrams per pound of feed), and the mechanism of action of the antibiotics is not certainly known, although one theory is that they decrease the intestinal flora. The results, however, cannot be doubted: while different antibiotics differ in their effectiveness on different animals, under the best conditions the gain in rate of growth is striking. For example, in the case of pigs the growth rate is increased 10 to 20 per cent, and there is a saving of 20 pounds of feed per 100 pounds of gain in weight; the economic importance of this is obvious.

While manufacturers are beginning to declare both vitamin B₁₂ and antibiotics in their feeds, there are as yet no official methods for checking the declared very low concentrations of either, so at the present time feed officials are unable to exercise any control over these ingredients.

Control of any medicated feeds would be impossible without reliable methods of analysis; fortunately we have very accurate methods for sulfaquinoxaline and sulfaguanidine in feeds and reasonably satisfactory methods for nitrophenide and enheptin. The official methods for the sulfa drugs, while they are derived from the original method of Bratton and Marshall for determining sulfanilamide in blood and urine, and make use of condensation with the Bratton-Marshall reagent N¹-naphthyl ethylenediamine to form a dye which is estimated colorimetrically, were

developed in their final form by Mr. Merwin of our laboratory from methods devised by the laboratory of Merck & Co., the manufacturers of sulfaquinoxaline. The Lederle Division of the American Cyanamid Co., manufacturer of both nitrophenide and enheptin, has published methods for both these drugs that are sufficiently accurate to make it possible to exercise control over the finished feeds but that still need improvement or replacement by new methods. Dick Merwin is also working on this problem, and I believe soon we will have methods for nitrophenide and enheptin that are as good as that for sulfaquinoxaline.

What are the results of inspection in this field? We first began determining sulfaquinoxaline in experimental mixes prepared for investigational studies of the Department of Animal Pathology of the Storrs Agricultural Experiment Station; then during 1949 the Food and Drug Commission sampled 80 feeds from stocks of grain dealers. All of these were labelled as containing 0.0125 per cent of sulfaquinoxaline; those falling within ± 20 per cent of this concentration, that is, between 0.0100 and 0.0150 per cent, were passed. (This tolerance was arrived at chiefly on the basis of advice from veterinarians that less than 0.01 per cent was ineffective and over 0.02 per cent might be toxic to the birds.) Even that first year, when manufacturers were relatively inexperienced in blending such small percentages of ingredients into their feeds, 60 of the 80 samples, or 75 per cent, were found to pass; considering the small proportions involved, I believe that was a very commendable performance.

The next year—in 1950—the Food and Drug Commission supplied 87 official samples of sulfaquinoxaline feeds, of which 69, or 79 per cent, passed. That year feeds containing other drugs were also examined: four nitrophenide feeds, five containing enheptin and two containing 1 per cent of sulfaguanidine. Only one of the enheptin feeds was passed, but all of the nitrophenide and sulfaguanidine feeds met their tolerances.

Analysis of the 1951 samples is not quite complete, but all of the sulfaquinoxaline feeds have been examined. There were 47 of these, and 29 of them, or 62 per cent, were passed. At first glance this increase in percentage of deficient samples from 21 to 38 would appear to indicate that manufacturers were getting careless. However, we have a strong suspicion that the chief cause of deficiencies is another one—namely, that most of the dealers whose supplies were found low in sulfaquinoxaline were still selling the same old stock that was sampled in 1950 and found all right at that time. It has been proved by ourselves and others that there is a loss of sulfaquinoxaline from some feeds on long standing; this is well known, and there is no excuse for dealers' selling feeds that are a year old, whether they are medicated feeds or not.

Miscellaneous Feeds

Ninety-three unofficial samples of feed and fodder materials have been examined, mostly for purchasers, dealers and manufacturers. Nine were examined at the request of the Federal Correctional Institution at Danbury and represented feeds purchased on specification by that institution; five of these and three other samples were analyzed

for sulfaquinoxaline or nitrophenide. Vitamin D assays were run on two feeds.

A number of samples were submitted because they were suspected of having caused the illness or death of poultry or other animals. No actual poison was detected in any sample, but one lot of scratch grains, 7306, was found to have mixed with it a broken piece of an iron hook, a jagged piece of sheet steel, damp lumps of feed, insect webbing and a little ground corn.

Biological Specimens Examined for Poisons

One hundred and eighty-one biological samples were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 70 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

The poisonous materials and the number of specimens in which they were found are summarized as follows: alpha naphthyl thiourea ("Antu") (1), arsenic (1), barium (1), barium with cadmium, lead and zinc (1), barium with cyanide, lead and zinc (1), beryllium (1), boron (boric acid or borax) (3), cadmium with lead and zinc (1), cadmium with zinc (1), chromium with lead (1), chromium with mercury and silver (1), cyanide (3), DDT (3), DDT with lead (1), lead (12), lead with zinc (4), mercury (3), parathion (2), phosphorus (2), strychnine (1), thallium (1), wild cherry (1), zinc (18) and zinc phosphide (6). The beryllium was found in a sample of human tissue, and the zinc phosphide was used by a woman to commit suicide. DDT was found as follows: 22 parts per million in the fat of a cat whose liver also contained 35 p.p.m. of lead; 0.4 p.p.m. in a pig's liver; and 2 and 2.6 p.p.m. in the fat from two pigs. The parathion was found in the organs of two pigs as follows: spleens, 0.6 and 3.1 p.p.m.; lungs, 0.1 and 0.2 p.p.m.; one brain, 1.7 p.p.m.

Four samples not included in the above summary of poisoned materials were submitted by veterinarians for various reasons: (1), a supposed rat poison that contained no poison; (2), a hog-nosed snake submitted for identification; (3), a powder, found on the feeding board of a dog that died suddenly, which proved to be only aspirin; and (4), a sample of axle grease, half of which a cow had eaten and subsequently died. The grease contained a barium soap and could have caused barium poisoning.

A. F. C. O. Samples

Twelve chick feed samples have been analyzed in the check feed program sponsored by the Association of American Feed Control Officials.

DETERMINING GUARANTIES

The most reliable way to determine safe guaranties for feed mixtures is by analysis. Larger manufacturers with laboratory facilities follow this method. Small manufacturers and home mixers are without such

facilities and they must resort to other means. A close estimate can be made by a simple calculation using as a guide the analysis tags on the ingredients to be mixed.

If, for example, a mixture is to be made with cottonseed meal, corn meal, ground oats, gluten feed and wheat bran as ingredients, we may assume that the tags for these several ingredients show the following percentages of protein, fat and fiber:

Ingredient	Protein per cent (lbs. per 100)	Fat per cent (lbs. per 100)	Fiber per cent (lbs. per 100)
Cottonseed meal.....	41	7	11
Corn meal.....	24	2	11
Ground oats.....	12	5	11
Gluten feed.....	25	2	7
Wheat bran.....	16	5	10

Remembering that per cent means pounds per 100 pounds, then 100 pounds of each of the materials listed above will contain the number of pounds of the several nutrients shown.

If the formula to be mixed calls for the pounds of ingredients shown in column 1 below, then the pounds of the several nutrients will be as shown in columns 2, 3 and 4. The total weight of the mix is seen to be one ton (20 hundred pounds), so the analysis of the finished product is found by dividing the totals by 20, or by moving the decimal point one place to the left and dividing by 2.

Example

Column 1	2 Protein lbs.	3 Fat lbs.	4 Fiber lbs.	
Cottonseed meal.....200 lbs.	82	14	22	
Corn meal.....200 lbs.	48	4	22	
Ground oats.....600 lbs.	72	30	66	
Gluten feed.....300 lbs.	75	6	21	
Wheat bran.....700 lbs.	112	35	70	
Totals	2,000 lbs.	389	89	201
Per cent	19.45%	4.45%	10.05%	

Mixers should remember that for protein and fat the guaranties are minimum values; for fiber the guaranty is the maximum. In other words, the manufacturer guarantees that protein and fat will not be less than the percentages declared and in case of fiber it will not exceed the figure declared.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein * (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Ackerman-Beardsley-Bennett, Inc., Albany, N. Y.								
5457	Corn Distillers Dried Grains	Guilford: Fred C. Morse & Son	5.96	38.44	25.00	11.66	5.00	11.94	15.00
5466	Distillers Dried Grains	Plantsville: C. A. Cowles, Inc. ...	10.03	35.75	31.00	10.10	9.00	13.68	13.00
5489	Distillers Dried Grains	Middletown: Meech & Stoddard, Inc.	7.41	35.13	31.00	10.25	9.00	14.08	13.00
	Acme-Evans Co., Inc., Indianapolis, Ind.								
5701	Acme Hominy	Groton: The C. W. Campbell Co.	11.94	8.63	9.00	6.10	7.00	3.19	6.00
5564	Acme Wheat Standard Middlings with Screenings	Wallingford: A. E. Hall	11.42	15.63	14.00	4.18	3.00	7.62	9.50
	Adams Packing Association, Inc. Auburndale, Fla.								
5682	Adams Dried Citrus Pulp	New London: New London Grain Co.	7.41	6.69	6.00	5.27	3.00	11.19	20.00
	Albers Milling Co., Los Angeles, Calif.								
5895	Calf Manna	New Haven: R. G. Davis & Sons, Inc.	9.91	27.56	25.00	5.19	4.00	4.71	5.50
	E. T. Allen Co., Atlanta, Ga.								
7816	Empire 41% Protein Cottonseed Meal, Prime Quality	Norwich: The A. E. Shedd Co. ...	9.81	40.00	41.00	6.01	4.00	11.64	13.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
5647	Allied Mills, Inc., Libertyville, Ill. June Pasture (Alfalfa Meal and Beet Molasses)	Plainville: Sunshine Feed Store	12.24	15.88	10.00	0.88	0.50	15.43	26.00
7611	Wayne Breeder Mash	Winsted: C. S. Roberts & Son	11.63	20.81	20.00	4.06	3.00	8.00	8.00
5641	Wayne Broiler Feed	Plainville: Sunshine Feed Store	12.48	21.88	20.00	4.28	3.50	4.51	5.00
8454	Wayne Calf Meal	Plainville: Sunshine Feed Store	7.26	26.50	24.00	4.30	3.00	6.66	9.00
5640	Wayne Calf Starter	Plainville: Sunshine Feed Store	11.16	18.75	16.00	4.34	3.00	6.66	11.00
5639	Wayne Chick Feed	Plainville: Sunshine Feed Store	12.31	10.88	9.00	5.53	2.00	1.84	4.00
5638	Wayne Chick Starter	Plainville: Sunshine Feed Store	11.51	22.06	20.00	4.45	3.00	4.69	5.50
7812	Wayne 16% Dairy Ration	Plainville: Sunshine Feed Store	13.01	18.75	16.00	3.79	4.00	6.68	10.00
7806	Wayne Egg Mash	Plainville: Sunshine Feed Store	11.36	21.13	20.00	3.64	3.00	7.00	8.00
8437	Wayne Fattening Pellets (For Chickens, Turkeys and Ducks)	Plainville: Sunshine Feed Store	9.84	19.81	18.00	4.49	3.00	6.16	8.00
5643	Wayne Fitting Ration	Plainville: Sunshine Feed Store	11.68	15.63	13.00	4.73	3.00	6.49	10.00
7809	Wayne Flushing Mash	Plainville: Sunshine Feed Store	12.19	18.19	20.00	3.24	3.00	3.29	7.00
5642	Wayne Growing Mash	Plainville: Sunshine Feed Store	11.59	18.50	18.00	4.34	2.50	6.51	8.00
7807	Wayne Horse Feed	Plainville: Sunshine Feed Store	14.00	9.81	9.00	3.27	2.50	6.57	12.00
8452	Wayne Mash Layer	Plainville: Sunshine Feed Store	9.04	20.38	20.00	4.09	3.00	7.86	8.00
7692	Wayne 26% Mash Supplement	Suffield: A. C. Wetherell	11.01	26.13	26.00	3.66	2.50	7.76	10.00
8453	Wayne Mink Meal	Plainville: Sunshine Feed Store	7.20	25.19	22.00	5.19	4.00	6.78	7.50
5644	Wayne Pork Maker	Plainville: Sunshine Feed Store	11.67	14.63	14.00	3.98	3.00	7.16	8.00
7808	Wayne Poultry Fitting Ration	Plainville: Sunshine Feed Store	13.38	11.69	11.00	3.61	2.50	9.20	9.00
5655	Wayne Rabbit Ration	Plainville: Sunshine Feed Store	10.05	19.31	17.00	3.49	3.00	10.67	15.00
5646	Wayne Ranch Meal	Plainville: Sunshine Feed Store	8.69	20.00	18.00	4.79	3.50	6.89	9.00
5645	Wayne Tail Curler (For Pigs and Hogs)	Plainville: Sunshine Feed Store	11.89	20.75	18.00	3.81	3.00	3.56	5.00
7690	Wayne Turkey and Game Bird Growing Mash	Suffield: A. C. Wetherell	11.90	21.13	20.00	4.04	2.50	6.73	8.00

5654	Wayne Turkey Growing Mash	Plainville: Sunshine Feed Store	11.13	22.25	20.00	3.88	2.50	7.25	8.00
	American Crystal Sugar Co., Denver, Colo.								
8320	Dried Beet Pulp	Middletown: Meech & Stoddard, Inc.	8.09	11.00	7.50	0.30	0.30	20.59	22.50
8355	Dried Molasses Beet Pulp	Lakeville: Community Service, Inc.	7.89	9.38	8.00	0.32	0.30	16.66	20.00
	American Maize-Products Co., New York, N. Y.								
7507	Cream of Corn Gluten Feed	Colchester: P. Cutler, Inc.	11.77	23.50	23.00	2.92	2.00	6.15	9.50
	Archer-Daniels-Midland Co., Minneapolis, Minn.								
5835	Archer Quality 32% Protein Expeller Linseed Oil Meal	Norwich: The Yantic Grain & Products Co.	8.98	34.56	32.00	4.28	3.50	8.79	10.00
5826	Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal	Shelton: Wolf Savitsky & Sons, Inc.	10.15	37.25	36.00	0.78	0.50	8.49	10.00
5992	Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal	Pawcatuck: The C. W. Campbell Co.	10.84	46.50	44.00	0.79	0.50	5.14	7.00
	Arco Dehydrating Co., Lake Park, Iowa								
6675	Arco Dehydrated Alfalfa Meal	Guilford: Fred C. Morse & Son	7.82	19.38	17.00	3.07	2.00	21.41	27.00
	Ashcraft-Wilkinson Co., Atlanta, Ga.								
7915	Cow-Eta Brand 41% Protein Cotton- seed Meal, Prime Quality	Norwalk: Libner Grain Co., Inc.	8.46	43.00	41.00	6.61	4.00	6.20	13.00
7536	Sweet Suni-Citrus Pulp	Seymour: Seymour Grain & Coal Co.	11.30	7.94	6.00	3.01	5.00	14.64	15.00
	Edward R. Bacon Grain Co., Boston, Mass.								
5994	Bacon's Gluten Feed	Pawcatuck: The C. W. Campbell Co.	7.83	23.19	25.00	4.67	2.00	6.57	8.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
8209	E. W. Bailey & Co., Montpelier, Vt. Bailey's Pennant Brand Calf Ration ..	No. Franklin: The Berkman Grain & Coal Co.	12.69	17.25	15.00	4.14	3.00	6.28	8.50
7952	Bailey's Pennant Brand Calf Starter ..	Derby: Derby Feed Store	10.62	23.63	23.00	3.91	3.75	5.82	7.50
8204	Bailey's Pennant Brand Pig Feed	No. Franklin: The Berkman Grain & Coal Co.	11.09	18.94	17.00	4.08	3.50	5.40	7.50
7963	Bailey's Pennant Brand Turkey Fattener	Derby: Derby Feed Store	11.42	19.44	18.00	4.01	4.00	5.83	7.50
5818	Brewers Dried Grains	Derby: Derby Feed Store	7.55	22.63	24.00	5.44	6.00	15.24	18.00
7373	Barber & Bennett, Inc., Albany, N. Y. Fort Orange Horse Feed	Guilford: Fred C. Morse & Son	13.38	11.69	9.00	3.13	3.00	7.12	10.00
5951	The Beacon Milling Co., Inc., Cayuga, N. Y. Auburn "16"	Portland: Anderson Farm Sup- ply, Inc.	12.45	17.25	16.00	3.72	3.00	7.94	10.00
8386	Auburn "20"	Hampton: Beacon Grain Store	10.25	23.75	20.00	3.53	3.00	6.94	10.00
5962	Beacon "16"	Middletown: Conn. State Hos- pital	10.54	18.50	16.00	4.21	3.50	7.69	9.00
7361	Beacon "16"	Hampton: Beacon Grain Store	12.27	17.25	16.00	3.51	3.50	7.24	9.00
7622	Beacon "20"	Torrington: Washington Supply Co., Inc.	12.21	20.00	20.00	3.29	3.25	7.26	9.00
8198	Beacon Breeder All-Mash	Danbury: Barnum's Feed Store	9.97	16.69	15.00	4.45	3.50	6.16	6.50
8349	Beacon Breeders Mash	Jewett City: Machnicki's Grain Store	9.91	23.00	22.00	4.62	3.50	6.30	6.50
7359	Beacon Broiler Feed	Hampton: Beacon Grain Store	11.94	24.00	24.00	3.77	4.00	3.79	4.50

8348	Beacon Broiler Finisher Pellets	Jewett City: Machnicki's Grain Store	11.64	17.88	15.00	4.00	3.50	4.21	5.50
7363	Beacon Calf Grains	Hampton: Beacon Grain Store	12.30	16.38	14.00	3.76	3.25	7.56	9.00
5718	Beacon Chick Grains	New Haven: The Frank S. Platt Co.	12.16	11.25	10.00	4.41	2.50	1.74	3.00
7366	Beacon Complete Starter	Hampton: Beacon Grain Store	12.52	26.25	25.00	4.11	3.50	4.01	4.50
5948	Beacon Dairy Fitting	Portland: Anderson Farm Supply, Inc.	11.65	15.81	14.00	3.91	3.25	6.71	9.00
7714	Beacon Duck Grower	Glenbrook: Frank Policastro & Sons	12.24	18.00	17.50	3.33	3.00	4.61	7.00
8387	Beacon "22" Egg Mash	Hampton: Beacon Grain Store	9.99	22.81	22.00	4.24	3.50	6.03	6.50
8159	Beacon Fleshing Pellets	Southbury: H. H. Stone & Sons	11.26	21.00	20.00	3.57	3.50	4.87	6.00
8165	Beacon Goat Ration	Bantam: Washington Supply Co., Inc.	12.35	18.00	16.00	3.31	3.00	7.27	10.00
7360	Beacon "18" Growing Mash	Hampton: Beacon Grain Store	11.38	18.75	18.00	4.09	3.50	5.41	6.25
8385	Beacon Hog Feed	Hampton: Beacon Grain Store	9.84	20.00	18.00	4.59	3.50	5.39	7.00
5952	Beacon Horse Feed	Portland: Anderson Farm Supply, Inc.	11.81	12.00	10.00	3.92	2.50	7.53	9.00
8388	Beacon Poultry Fitting	Hampton: Beacon Grain Store	12.47	12.44	12.00	3.77	3.00	5.37	7.50
5719	Beacon Rabbit Pellets	New Haven: The Frank S. Platt Co.	11.64	19.38	18.00	4.09	3.00	6.37	7.00
8164	Beacon "14" Test Cow Ration	Bantam: Washington Supply Co., Inc.	12.54	16.44	14.00	3.74	3.75	7.21	9.00
8160	Beacon "18" Test Cow Ration	Southbury: H. H. Stone & Sons	11.17	19.63	18.00	4.37	3.75	7.48	9.00
7365	Beacon Turkey and Game Bird Breeder	Hampton: Beacon Grain Store	11.64	24.19	24.00	4.58	3.50	5.87	6.50
7362	Beacon Turkey and Game Bird Fitting	Hampton: Beacon Grain Store	13.50	10.25	10.00	3.60	3.00	4.82	9.00
5949	Beacon Turkey and Game Bird Grower	Portland: Anderson Farm Supply, Inc.	11.09	26.50	24.00	4.48	3.50	3.88	6.00
7364	Beacon Turkey and Game Bird Starter	Hampton: Beacon Grain Store	11.37	28.13	28.00	5.07	3.50	4.22	4.50
7693	Beacon "15" with Pellets	Suffield: A. C. Wetherell	13.25	17.13	15.00	4.22	4.00	7.91	9.00
7625	Be-Co-Lass	Torrington: Washington Supply Co., Inc.	12.44	11.44	11.00	2.69	2.00	11.58	13.00
The Berkman Grain & Coal Co., No. Franklin, Conn.									
7520	Nibco Breeder Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	12.51	20.06	20.00	4.16	4.00	6.36	7.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	The Berkman Grain & Coal Co.,—Cont. No. Franklin, Conn.								
8206	Nibco 18% Dairy Ration	No. Franklin: The Berkman Grain & Coal Co.	10.89	21.06	18.00	4.57	4.00	6.66	8.00
8207	Nibco Fitting Ration	No. Franklin: The Berkman Grain & Coal Co.	12.73	16.31	14.00	3.84	4.00	4.75	8.00
7526	Nibco Five Star Broiler Mash	No. Franklin: The Berkman Grain & Coal Co.	12.82	23.19	22.00	4.04	5.00	2.68	2.50
7524	Nibco Growing Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	12.52	17.63	15.00	4.24	3.50	5.51	7.00
7521	Nibco Laying Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	12.59	20.88	20.00	4.46	4.00	6.46	7.00
8208	Nibco Nine Week Broiler Mash	No. Franklin: The Berkman Grain & Coal Co.	11.61	20.00	18.00	4.08	4.00	3.04	3.50
8205	Nibco Poultry Fitting Ration	No. Franklin: The Berkman Grain & Coal Co.	13.41	13.94	12.00	3.21	3.00	5.03	8.00
7522	Nibco Scratch Feed	No. Franklin: The Berkman Grain & Coal Co.	15.10	9.63	10.00	3.47	3.00	3.83	6.50
	The Best Foods, Inc., Buffalo, N. Y.								
7873	Oat Mill Feed	Bridgeport: Savitt Grain Exchange	7.81	5.38	4.00	1.83	1.00	27.39	31.00
	Birdwood Products Co., No. Platte, Neb.								
7863	Dehydrated Alfalfa Meal	Norwich: The Yantic Grain & Products Co.	9.49	16.00	17.00	2.40	1.75	24.85	27.00

7827	Blatchford Calf Meal Co., Waukegan, Ill.	Norwich: The Yantic Grain & Products Co.	11.40	26.06	25.00	3.73	3.50	5.42	6.00
8114	Blatchford's Calf Meal	Pawcatuck: The C. W. Campbell Co.	11.74	20.75	19.50	3.29	3.00	9.35	9.50
7566	Blatchley & Ballard Commodities, Inc., Stafford Springs, Conn. Bee Brand Fitting Ration	Thomaston: Thomaston Supply Co., Inc.	11.72	16.69	14.00	4.06	3.50	8.18	9.00
6677	The Borden Co., New York, N. Y. Borden's Ration-Ayd for Poultry Mash	Pawcatuck: The C. W. Campbell Co.	9.51	48.63	40.00	3.03	3.00	3.31	6.00
5728	Borden's Soy Processing Co., Kankakee, Ill. Borden's 44% Protein Solvent Extracted Soybean Oil Meal	Norwalk: Libner Grain Co., Inc.	11.99	47.88	44.00	0.63	0.50	4.49	7.00
7825	Bremco Alfalfa Mills, Inc., New Bremen, Ohio Medogreen Alfalfa Meal	Norwich: The Yantic Grain & Products Co.	8.84	15.81	17.00	2.15	1.50	27.65	27.00
5455	C. W. Brister & Son, Auburn, N. Y. Prize Mixed Feed	Guilford: Fred C. Morse & Son	10.26	14.13	13.00	3.70	3.50	5.59	9.00
7514	L. Broder & Co., Inc., Colchester, Conn. L. B. 16% Milk Ration	Colchester: L. Broder & Co., Inc.	14.52	15.38	16.00	3.64	3.50	7.38	8.00
7865	Brooklawn Grain & Feed Co., Bridgeport, Conn. Brooklawn 16% Dairy Ration	Bridgeport: Brooklawn Grain & Feed Co.	10.81	16.19	16.00	4.51	4.00	8.19	9.00
7866	Brooklawn 18% Egg Mash	Bridgeport: Brooklawn Grain & Feed Co.	11.98	20.88	18.00	4.47	4.00	5.32	6.00
7868	Wheat Bran	Bridgeport: Brooklawn Grain & Feed Co.	10.94	16.56	15.00	4.46	3.50	9.77	11.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
5942	Burns Grain Corp., Buffalo, N. Y. Choice Ground Mixed Feed	Middletown: Meech & Stoddard, Inc.	9.41	29.00	16.00	6.31	4.00	7.36	7.00
7817	Calvert Milling Co., Hoytville, Ohio 17% Dehydrated Alfalfa Meal	Norwich: The A. E. Shedd Co.	7.89	19.88	17.00	2.10	1.50	18.70	27.00
5744	Camp Milling Co., Inc., Walton, N. Y. Hurlburt's Empire Complete Rabbit Pellets	Fairfield: Fairfield Grain & Seed Co.	11.10	18.75	16.00	2.98	3.00	13.59	20.00
8111	The C. W. Campbell Co., Westerly, R. I. Best Pig and Hog Ration	Pawcatuck: The C. W. Campbell Co.	11.92	17.88	15.00	3.77	4.00	7.91	8.00
5702	Camco Horse Feed	Groton: The C. W. Campbell Co.	12.76	11.25	10.00	4.02	3.00	5.53	10.00
5704	16% Dairy Ration	Groton: The C. W. Campbell Co.	11.62	18.38	16.00	4.19	3.00	6.06	8.00
8112	20% Dairy Ration	Pawcatuck: The C. W. Campbell Co.	11.51	20.00	20.00	2.94	3.50	8.03	9.00
5988	Egg-O Chick Starter and Broiler Ration	Pawcatuck: The C. W. Campbell Co.	11.27	22.69	20.00	3.59	4.00	6.50	7.50
8105	Egg-O Grower	Mystic: The C. W. Campbell Co.	11.31	22.63	20.00	4.10	4.00	6.24	8.00
5703	Egg-O Laying Mash	Groton: The C. W. Campbell Co.	11.69	22.06	20.00	3.70	3.50	5.98	8.00
5986	Egg-O Special Broiler	Pawcatuck: The C. W. Campbell Co.	11.28	22.06	20.00	3.55	3.50	3.91	5.50
8115	Egg-O 22% Turkey Finisher	Pawcatuck: The C. W. Campbell Co.	10.81	21.88	22.00	3.63	3.50	7.58	8.00

5987	Egg-O Turkey Grower	Pawcatuck: The C. W. Campbell Co.	10.61	22.06	20.00	3.69	3.50	6.60	8.00
5705	12% Fitting Ration	Groton: The C. W. Campbell Co.	11.82	13.81	12.00	3.81	3.00	6.52	9.00
8110	Lassagras	Pawcatuck: The C. W. Campbell Co.	11.61	10.94	10.00	2.41	2.00	13.87	16.00
8113	Sheep and Goat Feed	Pawcatuck: The C. W. Campbell Co.	12.31	18.13	15.00	2.77	3.00	7.51	9.00
	Campbell & McNab, Douglas, Ontario, Canada								
7563	Pure Wheat Bran	Thomaston: Thomaston Supply Co., Inc.	11.51	14.25	15.00	4.04	3.50	10.16	11.50
8303	Pure Wheat Shorts	Thomaston: Thomaston Supply Co., Inc.	10.39	16.63	15.00	4.81	4.50	7.01	8.00
	The Canada Starch Co., Ltd., Montreal, Quebec, Canada								
7367	Edwardsburg Corn Gluten Feed	Willimantic: Willimantic Grain Co.	12.84	29.94	25.00	2.46	2.50	6.66	8.00
	Canadian Vegetable Oil Processing, Ltd., Hamilton, Ontario, Canada								
5554	Soybean Oil Meal	Seymour: Seymour Grain & Coal Co.	12.40	41.69	41.00	4.00	4.00	5.56	7.00
	The A. B. Caple Co., Toledo, Ohio								
8363	Capex Dehydrated Alfalfa Meal—17% ..	Canaan: Community Service, Inc.	10.31	17.50	17.00	2.69	2.00	22.69	27.00
	Cargill, Inc., Minneapolis, Minn.								
5555	41% Protein Expeller Soybean Oil Meal	Seymour: Seymour Grain & Coal Co.	9.75	45.94	41.00	4.73	4.00	5.86	7.00
5486	44% Protein Solvent Extracted Soybean Oil Meal	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.00	46.25	44.00	1.01	0.50	4.56	7.00
	CarO-Green, Inc., Kansas City, Mo.								
5812	17% CarO-Green Dehydrated Alfalfa Meal	Derby: Derby Feed Store	8.60	18.94	17.00	2.11	1.50	23.99	27.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
5627	Center Milk Products Co., Middlebury Center, Pa. Center Dried Skim Milk	Meriden: Reliable Grain & Feed Store	9.00	33.50	33.00	0.89	0.50	.....	.....
	Central Conn. Co-op Farmers' Assoc., Inc., Manchester, Conn.								
7928	Honest Brand Complete Ration Growing Mash	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.17	19.25	15.00	4.27	4.00	5.18	8.00
7409	Honest Brand Complete Ration Laying Mash	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	12.12	20.25	15.00	4.07	4.00	4.96	8.00
7929	Honest Brand 16% Dairy Feed	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.33	19.06	16.00	3.10	3.50	6.40	9.00
7407	Honest Brand Growing Mash	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.90	24.88	20.00	3.55	3.50	4.71	8.50
7411	Honest Brand Growing Pellets	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.69	26.81	20.00	2.76	3.50	7.16	8.50
7406	Honest Brand Laying Mash	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.23	20.06	19.00	3.09	3.00	5.16	8.00
7410	Nu-Weigh-Hi Broiler Finisher Mash ...	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	13.02	20.38	18.00	3.48	2.00	5.53	6.50
7408	Nu-Weigh-Hi Starter-Broiler Mash ...	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	12.42	22.63	20.00	3.61	3.00	3.75	4.00
7402	Wheat Bran with Ground Wheat Screenings	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.57	15.38	14.50	3.38	3.00	9.08	12.00

	Central Soya Co., Inc., Fort Wayne, Ind.								
7464	Central Star Brand 44% Solvent Ex- tracted Soybean Oil Meal	Middletown: Meech & Stoddard, Inc.	13.77	45.69	44.00	0.69	0.50	5.74	7.00
	S. J. Cherry & Son, Ltd., Preston, Ont., Canada								
5464	Cherry's Wheat Bran	Thomaston: Thomaston Supply Co.	10.69	16.75	14.00	4.43	3.50	10.01	11.50
7911	Cherry's Wheat Shorts	Norwalk: Libner Grain Co., Inc.	9.53	16.75	15.00	5.01	5.00	6.96	8.00
7629	Middlings	New Milford: Big Y Feed Store	14.26	13.44	15.00	2.79	2.50	1.43	4.50
	Clinton Foods, Inc., Clinton, Iowa								
7376	Clinton Corn Gluten Feed	Guilford: Fred C. Morse & Son	12.59	23.38	23.00	1.27	2.00	8.21	8.50
	Herbert K. Clofine, Philadelphia, Pa.								
5846	CHEE-WAY Dried Cheese Whey	Norwich: The Yantic Grain & Products Co.	4.31	12.25	12.00	0.92	trace	0.12	0.10
	Clyde Milling Corp., Clyde, N. Y.								
7768	Clyde 16 Dairy Ration	Eastford: Wm. S. Warren & Son	11.21	19.38	16.00	3.81	3.50	6.56	10.00
7777	Clyde Milky-Las 16	Eastford: Wm. S. Warren & Son	11.14	18.94	16.00	3.51	3.00	8.23	11.00
8431	Dried Apple Pomace	Norwich: The A. E. Shedd Co.	6.62	6.44	5.00	4.17	3.50	16.95	17.50
7778	Warren's Complete Calf Grower	Eastford: Wm. S. Warren & Son	12.01	17.13	15.00	3.60	3.50	7.19	7.50
7770	Warren's Dairy Fitting Ration	Eastford: Wm. S. Warren & Son	10.63	16.88	12.00	3.51	3.00	10.21	10.00
7779	Warren's 16 Dairy Ration	Eastford: Wm. S. Warren & Son	11.22	16.38	16.00	3.37	3.00	9.68	10.00
7771	Warren's Laying Mash	Eastford: Wm. S. Warren & Son	10.91	21.13	20.00	3.04	3.00	5.05	7.00
	Coatsworth and Cooper, Ltd., Toronto, Ont., Canada								
7384	"C & C" Wheat Shorts	Clinton: Clinton Grain Co.	14.17	13.94	16.00	3.64	5.00	4.29	8.00
	Commercial Solvents Corp., Terre Haute, Ind.								
7582	B. Y.-Dried Corn Fermentation Sol- ubles—23%	Plantville: C. A. Cowles, Inc. ...	8.30	39.38	23.00	7.31	2.00	5.27	6.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Commercial Solvents Corp.,—Cont. Terre Haute, Ind.								
8436	B. Y.-100 Dried Corn Fermentation Solubles	Norwich: The Yantic Grain & Products Co.	4.00	36.50	32.00	4.99	4.00	6.90	7.00
7826	B. Y.-500 Dried Corn Fermentation Solubles	Norwich: The Yantic Grain & Products Co.	6.24	32.94	32.00	4.52	4.00	5.97	7.00
8432	CSC Choline Supplement 25	Norwich: The Yantic Grain & Products Co.	7.44	24.00	10.00	6.19	3.75	4.64	4.50
	Community Service, Inc., Canaan, Conn.								
8353	C. S. Complete Pig Feed	Sharon: Community Service, Inc.	12.69	15.25	14.00	3.59	3.50	6.06	8.00
8360	C. S. 16% Dairy Ration	Canaan: Community Service, Inc.	11.51	15.44	16.00	4.72	3.50	9.12	11.00
8357	C. S. 18% Dairy Ration	Lakeville: Community Service, Inc.	11.74	18.00	18.00	4.46	4.00	6.80	10.00
8358	C. S. 20% Dairy Ration	Canaan: Community Service, Inc.	10.84	19.44	20.00	4.53	4.00	7.19	10.00
8359	C. S. Fitting Ration	Canaan: Community Service, Inc.	11.11	15.63	14.00	4.67	3.50	7.11	9.00
8361	C. S. Growing Mash	Canaan: Community Service, Inc.	10.76	19.50	18.00	4.49	4.00	5.50	6.50
8354	C. S. Laying Mash	Sharon: Community Service, Inc.	11.51	21.25	18.00	4.11	4.00	5.70	6.50
8356	C. S. Starter and Grower Mash	Lakeville: Community Service, Inc.	10.89	19.81	17.00	4.80	4.00	4.97	6.50
8366	Cornell Calf Starter	Canaan: Community Service, Inc.	9.74	18.19	16.00	3.29	3.00	6.24	8.00
	Connecticut Grains, Colchester, Conn.								
7592	Connecticut Dried Grains	So. Coventry: E. W. Latimer	7.91	21.06	24.00	6.01	6.00	15.64	15.00
	Consolidated Fisheries Co., Lewes, Del.								
7824	Consolidated Squanto Brand Fish Meal	Norwich: The Yantic Grain & Products Co.	11.39	59.38	60.00	10.62	5.00	0.22	3.00

Consolidated Products Co., Danville, Ill.									
5880	Kaff-A	Mt. Carmel: Hamden Grain Co.	7.60	28.31	25.00	4.24	4.00	0.84	2.00
8210	Semi-Solid BW Emulsion	No. Franklin: The Berkman Grain & Coal Co.	48.57	8.81	8.00	0.92	0.25	2.03	2.50
8024	Semi-Solid "E" Emulsion—For Self Feed- ing	Moosup: United Co-op Farmers', Inc.	53.92	9.00	9.00	1.62	2.00	.....	.....
Consolidated Rendering Co., Boston, Mass.									
8417	Corenco Bone Meal	Rockville: Farmers' Milling Co., Inc.	9.37	23.94	20.00	1.12	2.00	.....	.....
7388	Corenco Feeding Bone Meal	Manchester: Central Conn. Co- op Farmers' Assoc., Inc. ....	.....	8.81	10.00	.....	.....	.....	.....
5553	Corenco Fish Meal	Seymour: Seymour Grain & Coal Co.	10.95	65.00	60.00	12.16	5.00	.....	.....
7423	45% Corenco Meat and Bone Scrap ..	Granby: E. H. Rollins & Sons, Inc.	9.36	45.75	45.00	7.17	6.00	.....	.....
5814	47% Corenco Meat and Bone Scrap ..	Derby: Derby Feed Store	7.63	46.69	47.00	9.61	6.00	.....	.....
Continental Distilling Corp., Philadelphia, Pa.									
8109	25% Corn Distillers Dried Grains	Pawcatuck: The C. W. Campbell Co.	8.31	27.38	25.00	9.50	8.00	9.84	15.00
5824	Dried Corn Distillers Solubles	Shelton: Wolf Savitsky & Sons, Inc.	7.72	32.13	28.00	13.01	8.00	4.09	5.00
Co-operative Federee de Quebec, Montreal, Que., Canada									
7532	Co-op Brand Middlings	Seymour: Seymour Grain & Coal Co.	14.35	17.25	16.50	3.50	3.50	2.68	5.00
Copeland Flour Mills, Ltd., Midland, Ont., Canada									
5990	Dandy Wheat Bran	Pawcatuck: The C. W. Campbell Co.	10.58	15.44	15.00	5.10	3.50	10.91	11.50
5972	Dandy Wheat Shorts	New Haven: T. F. Moran & Son	11.94	18.56	18.00	5.57	5.00	5.61	8.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Corn Products Refining Co., New York, N. Y.								
5491	Buffalo Brand Corn Gluten Feed	Middletown: Meech & Stoddard, Inc.	10.32	25.44	23.00	1.44	1.00	8.57	10.00
7450	Diamond Brand Corn Gluten Meal	Middletown: Meech & Stoddard, Inc.	10.35	38.13	41.00	2.01	1.00	6.32	6.00
	C. A. Cowles, Inc., Plantsville, Conn.								
7581	Cowles' Blue C Calf Meal	Plantsville: C. A. Cowles, Inc.	12.59	22.38	22.00	4.16	4.00	5.60	7.00
7583	Cowles' Blue C Complete Laying Mash	Plantsville: C. A. Cowles, Inc.	11.94	16.44	15.00	4.70	4.00	7.90	8.00
7502	Cowles' Blue C 16% Dairy Ration	Glastonbury: Stanley Melzen	14.00	17.00	16.00	3.46	3.50	7.76	11.00
7503	Cowles' Blue C 20% Dairy Ration	Glastonbury: Stanley Melzen	13.66	18.25	20.00	3.31	3.50	7.61	11.00
7666	Cowles' Blue C Fitting Ration	Warehouse Point: C. A. Cowles, Inc.	13.36	14.56	14.00	3.51	3.50	8.31	9.00
7664	Cowles' Blue C Growing Mash	Warehouse Point: C. A. Cowles, Inc.	11.99	20.19	18.00	3.71	4.00	6.93	7.50
8463	Cowles' Blue C Hog and Pig Feed	Winsted: Hawley Feed Mill	7.82	18.25	16.00	5.06	4.00	9.12	8.00
7498	Cowles' Blue C Horse Feed with Molasses	Glastonbury: Stanley Melzen	13.91	10.19	10.00	3.48	3.00	9.46	10.00
7584	Cowles' Blue C Laying Mash	Plantsville: C. A. Cowles, Inc.	12.21	20.19	20.00	3.64	4.00	7.90	7.50
5806	Cowles' Blue C Plantsville Dairy Ration	Bristol: C. A. Cowles, Inc.	11.01	17.63	18.00	3.34	3.00	10.62	12.00
5673	Cowles' Blue C Rabbit Pellets	Plainville: August Terrero	10.65	16.75	15.00	3.50	3.00	14.37	15.00
5804	Cowles' Blue C Starter and Broiler Feed	Bristol: C. A. Cowles, Inc.	12.35	22.25	21.00	4.46	4.00	3.89	4.00
5803	Cowles' Blue C Starting Mash	Bristol: C. A. Cowles, Inc.	11.13	23.81	20.00	4.80	4.00	5.92	6.00
7665	Cowles' Blue C Super Coarse Ration	Warehouse Point: C. A. Cowles, Inc.	13.58	13.31	14.00	3.32	3.00	5.77	9.00
5805	Cowles' Blue C Super 16% Dairy Ration	Bristol: C. A. Cowles, Inc.	13.49	17.25	16.00	3.70	4.50	5.94	9.00

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8378	Cowles' Blue C Turkey Finishing Mash	Plantsville: C. A. Cowles, Inc. . .	10.17	21.44	16.00	4.11	3.75	7.60	7.00
7966	Cowles' Blue C Turkey Growing Mash	Naugatuck: Valley Grain & Sup- ply Co.	11.22	21.25	20.00	3.81	4.00	6.37	8.00
8380	Cowles' Red C 16% Dairy Ration	Plantsville: C. A. Cowles, Inc. . .	10.73	19.88	16.00	3.20	3.00	8.88	11.00
5672	Cowles' Red C Laying Mash	Plainville: August Terrero	11.10	16.56	16.00	3.91	4.00	7.69	8.00
Chas. M. Cox Co., Boston, Mass.									
5715	Emerald Brand 15% Blended Dehy- drated and Suncured Alfalfa Dairy Pellets	Westville: Westville Grain Co.	10.01	15.31	15.00	1.39	1.50	31.14	30.00
7368	Rex Wheat Bran	Willimantic: Willimantic Grain Co.	13.04	15.00	15.00	4.76	3.50	10.85	12.00
7791	Rex Wheat Bran	Kensington: A. S. Labieniec	12.35	15.13	15.00	4.64	3.50	5.98	11.50
7372	Rex Wheat Middlings	Willimantic: Willimantic Grain Co.	13.41	14.88	16.00	4.23	5.00	8.02	9.00
7794	Rex Wheat Middlings	Kensington: A. S. Labieniec	12.74	16.38	16.00	4.46	5.00	6.93	8.00
5634	Wirthmore Baby Chick Scratch	Kensington: A. S. Labieniec	13.10	11.75	10.00	3.07	2.50	1.58	3.50
5868	Wirthmore Breeder Mash	Cheshire: Center Grain Co.	11.68	22.06	20.00	3.56	3.00	5.78	7.00
7790	Wirthmore Calf Starter Meal	Cromwell: F. I. Nordgren	11.91	25.00	22.00	3.63	3.50	5.71	7.00
7757	Wirthmore Calving Ration	Stafford Springs: Valley Grain Co.	11.75	14.56	14.00	3.99	4.00	9.33	10.00
7645	Wirthmore Challenger Coarse 14 Dairy Ration	New Milford: Soule Grain Co.	11.75	15.06	14.00	3.35	3.00	11.55	12.00
8151	Wirthmore Challenger Coarse 16 Dairy Ration	Southbury: Southbury Grain Co.	10.84	16.13	16.00	3.41	3.00	10.86	12.00
5636	Wirthmore Challenger 16 Dairy Ration	Kensington: A. S. Labieniec	10.95	19.50	16.00	3.98	3.00	7.32	10.00
5867	Wirthmore Challenger 20 Dairy Ration	Cheshire: Center Grain Co.	10.27	20.38	20.00	2.82	3.00	7.37	9.00
7369	Wirthmore Complete Breeder Ration	Willimantic: Willimantic Grain Co.	12.64	13.63	15.00	3.75	3.00	4.44	6.00
5708	Wirthmore Complete Egg Ration	Westville: Westville Grain Co. . . .	12.55	15.81	15.00	3.78	3.00	4.74	6.00
5707	Wirthmore Complete Growing Ration .	Westville: Westville Grain Co. . . .	11.38	15.44	14.50	3.41	3.00	10.17	6.00
7370	Wirthmore 16 Dairy Ration	Willimantic: Willimantic Grain Co.	11.54	18.94	16.00	3.86	3.50	6.09	9.00
8030	Wirthmore 20 Dairy Ration	Milford: Milford Grain Co.	11.18	20.88	20.00	3.60	3.50	7.24	8.00
7973	Wirthmore Fattening Pellets	Plainfield: Dayville Grain & Feed Co.	12.04	17.63	17.50	3.89	3.00	3.52	4.50
5890	Wirthmore 14 Fitting Ration	Branford: S. V. Osborn Est.	12.52	15.25	14.00	4.00	4.00	7.91	9.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Chas. M. Cox Co.,—Cont. Boston, Mass.								
7386	Wirthmore Fodder Greens	Centerbrook: S. M. Prann, Inc. . .	13.61	10.81	9.00	2.11	2.00	12.24	18.00
7497	Wirthmore Growing Mash	Glastonbury: Glastonbury Farm Supply	12.60	17.81	18.00	3.14	3.00	5.22	7.00
5603	Wirthmore Hi-Ener-G Starter and Broiler Ration	Meriden: H. Grulich	11.86	22.75	20.00	3.13	3.00	3.99	4.00
7387	Wirthmore Hog Grower	Centerbrook: S. M. Prann, Inc. . .	14.17	16.50	15.00	4.29	4.00	4.57	6.00
7716	Wirthmore Horse Feed	Stafford Springs: Valley Grain Co.	13.14	11.50	10.00	4.08	3.25	7.87	9.00
5869	Wirthmore Laying Mash	Cheshire: Center Grain Co.	11.01	21.88	20.00	3.64	3.00	5.71	7.00
5896	Wirthmore Mink Food	New Haven: R. G. Davis & Sons, Inc.	9.87	23.63	23.00	4.41	4.00	3.72	6.00
8153	Wirthmore Mink Food	Southbury: Southbury Grain Co. . .	10.66	23.44	23.00	4.97	4.00	4.65	6.00
5964	Wirthmore Pig and Hog Feed	Middletown: Conn. State Hospital	11.96	18.75	17.00	4.25	4.00	6.04	8.00
7621	Wirthmore Poultry Fitting	Torrington: Litchfield County Co-op Assoc., Inc.	14.14	10.38	12.00	3.18	3.00	5.27	10.00
7515	Wirthmore Poultry Flush	Colchester: L. Broder & Co., Inc. . .	12.30	18.56	15.00	2.94	3.00	4.59	6.00
7644	Wirthmore Producer 16 Dairy Ration .	New Milford: Soule Grain Co. . .	10.52	20.19	16.00	4.51	3.00	7.54	10.00
8152	Wirthmore Producer 20 Dairy Ration .	Southbury: Southbury Grain Co. . .	10.02	20.63	20.00	3.40	3.00	7.65	9.00
5897	Wirthmore Producer 14 Fitting Ration	New Haven: R. G. Davis & Sons, Inc.	10.86	15.00	14.00	4.41	3.00	7.64	10.00
7371	Wirthmore Rabbit Pellets	Willimantic: Willimantic Grain Co.	11.73	17.88	15.00	4.14	4.00	11.03	12.00
5613	Wirthmore 16% Record Ration	Meriden: H. Grulich	12.69	16.88	16.00	4.08	3.50	6.71	9.00
7549	Wirthmore 18% Record Ration	Watertown: The Watertown Co-op Assoc., Inc.	13.16	18.38	18.00	4.00	3.50	7.89	9.00

5635	Wirthmore Sheep and Goat Ration . . .	Kensington: A. S. Labieniec . . .	12.32	17.00	16.00	4.05	4.00	6.91	8.00
5612	Wirthmore Starter and Broiler Ration	Meriden: H. Grulich . . .	12.48	20.50	20.00	3.17	3.00	5.34	6.50
7385	Wirthmore Stock Feed	Clinton: Clinton Grain Co.	14.29	12.00	10.00	4.00	3.00	7.62	11.00
7620	Wirthmore Super Pellets	Torrington: Litchfield County Co-op Assoc., Inc.	12.17	19.94	20.00	3.55	3.00	5.71	8.00
5637	Wirthmore Turkey Breeder Ration Pel- lets	Kensington: A. S. Labieniec . . .	11.60	23.88	24.00	3.60	3.00	6.60	7.50
7446	Wirthmore Turkey Fattening Ration . .	Unionville: Farmington Grain & Lumber Co.	12.71	18.13	16.00	3.41	3.00	4.62	7.00
7615	Wirthmore Turkey Growing Ration . .	Winsted: E. Manchester & Sons . .	12.03	22.06	20.00	3.56	3.00	5.32	7.50
5889	Wirthmore Turkey Starting Ration . . .	Branford: S. V. Osborn Est.	11.18	28.31	26.00	3.36	3.00	4.53	6.00
7445	Wirthmore Twin-Mix Calf Ration	Unionville: Farmington Grain & Lumber Co.	12.76	18.75	17.00	3.86	4.00	6.48	8.00
Crawford Bros., Inc., Walton, N. Y.									
7769	Fitting Ration 14%	Eastford: Wm. S. Warren & Sons	11.35	19.25	14.00	3.30	3.50	10.91	12.00
7784	Growing Mash	Eastford: Wm. S. Warren & Sons	10.71	16.25	18.00	3.49	3.50	7.41	8.00
7776	Hi-Energy Starter and Broiler Mash . .	Eastford: Wm. S. Warren & Sons	13.18	21.31	21.00	3.69	4.00	3.81	3.00
7766	Laying Mash	Eastford: Wm. S. Warren & Sons	10.87	21.06	20.00	3.49	3.50	7.15	8.00
7785	Pig Grower-Fattener	Eastford: Wm. S. Warren & Sons	10.02	17.75	16.00	3.94	4.00	7.25	8.00
7783	Star 20% Dairy Feed	Eastford: Wm. S. Warren & Sons	10.35	18.75	20.00	3.49	3.50	11.16	12.00
7767	Starter and Broiler Mash	Eastford: Wm. S. Warren & Sons	11.21	20.94	20.00	3.81	3.50	5.52	8.00
8342	Turkey Growing Pellets	No. Stonington: Coate Bros. Cat- tle Farm	11.37	20.25	18.00	3.62	3.50	6.21	8.00
7772	Warrens Milkproducer 16% Dairy Feed	Eastford: Wm. S. Warren & Sons	10.84	18.94	16.00	3.98	3.00	12.09	10.00
P. Cutler, Inc., Colchester, Conn.									
7509	Prosperity 18% Dairy Ration	Colchester: P. Cutler, Inc.	14.49	18.06	18.00	3.96	4.00	6.99	11.00
7508	Prosperity Laying Mash	Colchester: P. Cutler, Inc.	12.49	20.00	17.00	3.85	3.50	6.30	10.00
Dailey Mills, Inc., Olean, N. Y.									
5723	Complete Egg Producer	Norwalk: Independent Feed Store	10.63	18.25	15.00	5.57	4.00	6.82	8.00
5598	Double Diamond Broiler	Wallingford: D. W. Ives	11.48	21.63	20.00	4.75	5.00	4.64	6.00
8315	Double Diamond Complete Layer	Montwese: Lewis Feed Service . .	7.07	16.81	15.00	4.51	4.50	6.56	7.00
8384	Double Diamond Grower	Wallingford: D. W. Ives	9.56	21.88	20.00	2.84	5.00	5.92	7.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Dailey Mills, Inc.,—Cont. Olean, N. Y.								
7804	Double Diamond H1cal Rabbit Pellets	New Britain: The Hugh Reynolds Grain & Feed Co.	10.26	15.38	12.00	4.34	3.00	8.40	12.00
5498	Double Diamond H1cal Starter	Montowese: Lewis Feed Service ..	11.15	23.19	23.00	4.94	5.00	5.47	6.50
5597	Double Diamond H1cal Starter	Wallingford: D. W. Ives	11.81	24.69	23.00	4.84	5.00	5.00	6.50
5595	Double Diamond H1cal Starter Broiler	Wallingford: D. W. Ives	11.94	22.13	20.00	4.26	4.50	3.19	3.50
5596	Double Diamond 16% Test Ration ...	Wallingford: D. W. Ives	11.08	17.81	16.00	4.98	3.75	6.79	9.00
7802	Egg Producer	New Britain: The Hugh Reynolds Grain & Feed Co.	9.50	21.25	20.00	4.72	4.50	5.77	7.50
7428	Fitting Ration 14% with Pellets	Granby: E. H. Rollins & Sons, Inc.	12.76	13.56	14.00	3.27	3.50	10.86	13.00
8462	Fitting Ration 14% with Pellets	Granby: E. H. Rollins & Sons, Inc.	7.39	14.69	14.00	3.54	3.50	11.86	13.00
8309	16% Milk Producer	Montowese: Lewis Feed Service ..	6.59	18.94	16.00	3.63	3.50	8.81	10.00
7803	20% Milk Producer	New Britain: The Hugh Reynolds Grain & Feed Co.	10.87	18.94	20.00	3.27	3.25	9.86	10.00
5724	Range Grower	Norwalk: Independent Feed Store	10.62	17.63	16.00	4.94	4.50	6.85	7.50
7805	Starter and Grower	New Britain: The Hugh Reynolds Grain & Feed Co.	11.29	19.75	18.00	4.73	4.50	5.89	7.00
	Dairymen's League Co-op Assoc., Inc., Utica, N. Y.								
7449	Dairylea Choice Feed Grade Dried Skim Milk	Middletown: Meech & Stoddard, Inc.	8.44	31.06	33.00	1.62	0.50	0.05	.....
	R. G. Davis & Sons, Inc., New Haven, Conn.								
5898	Davis 16% Dairy Feed	New Haven: R. G. Davis & Sons, Inc.	11.76	18.13	16.00	4.55	4.00	10.37	11.00

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5709	Davis Egg Mash	Westville: Westville Grain Co. . .	11.92	19.75	18.00	3.70	3.00	5.46	6.00
5552	Davis Horse Feed	Montowese: Lewis Feed Service . .	10.61	10.13	9.00	3.33	2.00	7.99	10.00
5899	New England College Conference Grow- ing	New Haven: R. G. Davis & Sons, Inc.	11.97	18.88	17.90	3.46	3.90	4.62	5.90
5900	New England College Conference Mash	New Haven: R. G. Davis & Sons, Inc.	12.90	17.44	17.00	3.80	3.00	5.04	6.00
Dawe's Manufacturing Co., Chicago, Ill.									
5944	Dawe's Broiler Base	Middletown: Meech & Stoddard, Inc.	8.35	49.69	45.00	8.79	6.00	2.92	5.00
5453	Flavonne Broiler Base	Guilford: Fred C. Morse & Son . .	9.02	41.38	34.00	1.86	3.00	4.59	5.00
5458	Flavonne Ribo-D	Guilford: Fred C. Morse & Son . .	9.32	31.63	31.00	4.16	2.00	4.05	6.00
Dawnwood Farms, Amenia, N. Y.									
7546	Dawnwood Farms Caf-Star—A Formula Feed for Calves	Watertown: The Watertown Co- op Assoc., Inc.	9.80	29.56	26.00	3.42	3.00	2.59	5.00
8379	Dawnwood Farms "Dots"	Watertown: The Watertown Co- op Assoc., Inc.	9.71	30.06	25.00	4.66	4.00	4.24	5.00
Decatur Soy Products Co., Decatur, Ill.									
5589	Illini Brand 41% Protein Soybean Oil Meal	Wallingford: A. E. Hall	8.57	45.88	41.00	4.76	4.00	5.99	7.00
Deep Sea Products, Inc., So. Portland, Maine									
7403	Fish Meal	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	12.21	61.25	60.00	10.12	5.00	0.17	2.00
Derby Feed Store, Derby, Conn.									
7953	Litsky's Growing Mash	Derby: Derby Feed Store	10.29	21.44	18.00	5.48	4.00	6.36	8.00
5810	Litsky's Laying Mash	Derby: Derby Feed Store	9.06	20.88	18.00	5.43	4.00	7.66	8.00
5809	Litsky's Starter and Broiler Mash	Derby: Derby Feed Store	10.16	25.00	20.00	5.50	4.00	4.64	7.00
5811	Litsky's Sweet 16% Dairy Ration	Derby: Derby Feed Store	11.38	17.75	16.00	3.92	3.50	8.34	12.00
Derwood Mills, Inc., Derwood, Md.									
7701	Derwood Horse Crunch	Cos Cob: Belmont Feed Co.	11.62	16.44	15.00	3.03	4.00	9.40	10.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
8107	Dewart Milling Co., Ltd., Peterborough, Ont., Canada Wheat Bran	Pawcatuck: The C. W. Campbell Co.	11.69	15.63	14.00	4.21	3.50	9.72	11.50
5729	Distillers Corp., Ltd., Montreal, Quebec, Canada Distilco Corn Distillers' Dried Grains ..	Norwalk: Libner Grain Co., Inc.	7.19	27.38	25.00	11.85	8.00	11.31	12.00
5483	Doughnut Corp. of America, Ellicott City, Md. Domaco Winter Wheat Standard Mid- dlings	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	10.22	17.56	14.50	5.27	4.25	8.66	7.50
5822	Dutton Flour Mills, Dutton, Ont., Canada Shorts	Shelton: Wolf Savitsky & Sons, Inc.	13.52	13.00	13.50	3.40	4.00	2.54	8.00
7470	Eastern States Farmers' Exchange, Inc., West Springfield, Mass. All Mash Developer Mash	Willimantic: Eastern States Farm- ers' Exchange, Inc.	12.29	16.44	15.50	3.90	3.00	3.63	4.50
7471	All Mash Producer	Willimantic: Eastern States Farm- ers' Exchange, Inc.	11.71	18.56	15.50	3.68	3.00	3.58	4.50
5968	Breeder Concentrate	No. Haven: Eastern States Farm- ers' Exchange, Inc.	9.25	20.38	20.00	4.88	3.50	4.02	5.50
8139	Breeder Mash	Bethel: Eastern States Farmers' Exchange, Inc.	11.08	24.06	22.00	3.50	3.00	3.82	4.50
8141	Calf Starter	Bethel: Eastern States Farmers' Exchange, Inc.	13.34	21.25	20.00	3.38	3.00	4.78	6.00

5862	Calving Ration	Norwich: Eastern States Farmers' Exchange, Inc.	12.13	14.06	10.50	2.76	2.00	12.47	15.00
7813	Champion	Norwich: Eastern States Farmers' Exchange, Inc.	13.29	16.00	16.00	3.21	2.50	6.19	7.50
5966	Developer	No. Haven: Eastern States Farmers' Exchange, Inc.	10.90	24.19	22.00	3.50	2.50	3.86	4.50
7486	Fitting Ration	East Hartford: Eastern States Farmers' Exchange, Inc.	11.71	15.19	14.00	4.54	3.50	6.99	9.00
5965	Fulpail	No. Haven: Eastern States Farmers' Exchange, Inc.	10.28	22.06	20.00	4.89	4.00	7.30	8.50
7483	Horse Feed	East Hartford: Eastern States Farmers' Exchange, Inc.	13.96	11.31	10.50	3.33	2.50	5.40	7.00
5967	Milkmore	No. Haven: Eastern States Farmers' Exchange, Inc.	10.45	17.75	16.00	5.20	4.00	7.66	8.00
7469	Milksaver	Willimantic: Eastern States Farmers' Exchange, Inc.	13.26	31.63	30.00	1.26	1.00	0.44	2.00
5859	Pig Primer	Norwich: Eastern States Farmers' Exchange, Inc.	11.10	20.06	20.00	3.52	2.50	5.70	7.00
8140	Pork Builder	Bethel: Eastern States Farmers' Exchange, Inc.	12.19	16.88	15.00	3.52	3.00	4.03	5.00
7484	Producer	E. Hartford: Eastern States Farmers' Exchange, Inc.	11.34	23.88	22.00	2.63	2.50	3.60	5.00
5857	32% Supplement	Norwich: Eastern States Farmers' Exchange, Inc.	10.32	36.69	32.00	4.11	3.50	6.35	7.50
7485	Sweepstakes	E. Hartford: Eastern States Farmers' Exchange, Inc.	13.71	18.31	16.00	4.07	3.50	6.12	8.00
5858	Turkey Breeder Pellets	Norwich: Eastern States Farmers' Exchange, Inc.	9.64	25.75	20.00	4.80	3.00	4.09	5.50
5860	Turkey Grower Pellets	Norwich: Eastern States Farmers' Exchange, Inc.	10.47	22.19	20.00	3.85	2.50	3.73	4.50
		B. A. Eckhart Milling Co., Chicago, Ill.							
8438	Ecko Pure Wheat Bran	Plainville: Sunshine Feed Store	11.26	16.44	14.00	4.92	3.50	8.57	12.00
		Elmore Milling Co., Inc., Oneonta, N. Y.							
8418	Elmore Breeder Mash	Rockville: Farmers' Milling Co., Inc.	10.24	20.75	20.00	4.06	3.50	6.41	8.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Elmore Milling Co., Inc.,—Cont. Ononta, N. Y.								
5798	Elmore Bull Feed	Bristol: Red's Feed Store	12.64	16.88	13.00	3.92	3.50	7.64	9.00
5797	Elmore Calf Grain Ration	Bristol: Red's Feed Store	13.29	15.00	13.00	3.91	4.00	5.36	9.00
5873	Elmore Chick Feed	Mt. Carmel: Eastern Fuel Co. ...	11.86	10.00	9.00	3.23	2.50	2.47	5.00
5796	Elmore Chixsaver	Bristol: Red's Feed Store	10.95	26.25	20.00	4.46	4.00	5.00	6.00
5883	Elmore Complete Growing Ration	E. Haven: East Haven Hay & Grain	10.25	19.50	14.00	4.58	3.50	5.47	8.00
5872	Elmore Complete Market Egg Mash	Mt. Carmel: Eastern Fuel Co. ...	9.86	21.38	15.00	4.76	3.50	5.29	8.00
8202	Elmore Complete Rabbit Ration	Amston: Elmore Stores, Inc.	9.66	18.75	16.00	4.60	3.50	9.25	10.00
8201	Elmore Crate Fattener	Amston: Elmore Stores, Inc.	10.24	18.63	14.00	4.42	4.00	5.31	8.00
5800	Elmore Dry and Freshening Ration	Bristol: Red's Feed Store	12.45	16.75	12.00	3.78	3.25	7.94	9.00
8181	Elmore Egg Mash	Litchfield: The Geo. J. Switzer Co.	9.49	20.88	20.00	4.36	4.00	5.38	8.00
8166	Elmore Fitting Ration	Litchfield: The Geo. J. Switzer Co.	10.99	15.31	14.00	3.68	4.00	7.26	8.00
7975	Elmore Flaked Pelleted Calf Starter	Plainfield: Elmore Stores, Inc.	11.77	18.44	18.00	3.79	2.50	7.34	8.00
7989	Elmore Fleshing Pellets	Plainfield: Elmore Stores, Inc.	10.63	19.88	15.00	4.18	4.00	6.25	6.00
8422	Elmore Game Bird Grower	Rockville: Farmers' Milling Co., Inc.	8.54	20.88	20.00	4.96	3.50	6.44	8.00
8469	Elmore Goat Ration	Bristol: Elmore Stores, Inc.	12.27	16.56	16.00	3.87	4.00	6.27	10.00
8200	Elmore Grand Champion Ration	Amston: Elmore Stores, Inc.	11.67	15.13	15.00	3.54	3.50	7.73	9.00
8203	Elmore Growing Mash	Amston: Elmore Stores, Inc.	10.89	20.00	18.00	4.61	3.50	4.55	8.00
7990	Elmore Hog Ration	Plainfield: Elmore Stores, Inc.	11.09	19.88	15.00	4.50	4.00	4.92	8.00
7439	Elmore Horse Feed	Collinsville: S & W Feed Store	12.74	12.50	9.00	3.12	2.50	4.38	11.00
7926	Elmore Improved Calf Starter	Danielson: United Co-op Farm- ers', Inc.	11.56	21.38	20.00	4.02	4.00	3.85	8.00
5799	Elmore M. A. C. Laying Mash	Bristol: Red's Feed Store	12.29	19.50	20.00	4.69	4.00	4.99	8.00

5871	Elmore Milk Grains "Sixteen"	Mt. Carmel: Eastern Fuel Co. ...	9.73	17.94	16.00	4.01	4.00	6.34	9.00
8350	Elmore Milk Grains "Twenty"	Cornwall Bridge: R. W. Sand- meyer	11.34	25.00	20.00	3.26	4.00	5.22	9.00
5882	Elmore Pacemaker 16% Dairy Ration ..	E. Haven: East Haven Hay & Grain	11.09	18.94	16.00	4.17	3.00	7.34	10.00
8468	Elmore Pacemaker Fitting Ration	Bristol: Elmore Stores, Inc.	10.14	17.38	14.00	3.66	3.50	6.69	9.00
5801	Elmore Poultry Fitting Ration	Bristol: Red's Feed Store	15.90	13.16	12.00	2.48	3.00	5.78	10.00
7441	Elmore Stock Feed	Collinsville: S & W Feed Store ..	11.69	17.50	10.00	3.74	3.00	7.34	12.00
7988	Elmore Super Broiler Ration	Plainfield: Elmore Stores, Inc.	11.16	20.00	20.00	5.24	4.00	4.51	4.50
8180	Elmore Super Silage	Litchfield: The Geo. J. Switzer Co.	8.87	11.63	11.00	2.34	2.00	16.33	18.00
8352	Elmore 30% Supplemental Dairy Ration ..	Cornwall Bridge: R. W. Sand- meyer	9.61	31.25	30.00	3.97	4.00	7.19	10.00
5881	Elmore Test Ration	E. Haven: East Haven Hay & Grain	11.53	20.00	18.00	4.36	4.00	6.59	9.00
8351	Elmore Turkey Breeder Mash	Cornwall Bridge: R. W. Sand- meyer	9.94	21.88	20.00	4.71	4.00	6.76	8.00
8423	Elmore Turkey Finisher (Fattener) ...	Rockville: Farmers' Milling Co., Inc.	10.16	20.00	16.00	4.10	4.00	5.22	8.00
8199	Elmore Turkey Fitting Ration	Amston: Elmore Stores, Inc.	12.64	13.13	12.00	3.39	3.00	6.03	10.00
7978	Elmore Turkey Growing Mash	Plainfield: Elmore Stores, Inc.	11.72	20.31	20.00	4.69	4.00	5.50	8.00
7976	Elmore Turkey Starting Mash	Plainfield: Elmore Stores, Inc.	12.04	28.13	27.00	3.74	4.00	4.78	5.00
	Erie Alfalfa Mills, Inc., Erie, Mich.								
5456	Leafy Erie Brand Dehydrated Alfalfa Meal	Guilford: Fred C. Morse & Son	7.75	19.81	17.00	1.99	1.50	22.34	27.00
	John W. Eshelman & Sons, Lancaster, Pa.								
5740	Eshelman Conestoga 20 Dairy Feed ...	So. Norwalk: The Roodner Feed Co., Inc.	11.81	23.56	20.00	3.85	3.50	7.29	11.00
8406	Eshelman Lancaster Horse Feed	Eastford: Wm. S. Warren & Sons	13.59	12.13	9.00	2.91	2.50	7.71	11.00
8135	Eshelman Lancaster Scratch Grains ...	Bethel: Marble & Risser	13.38	11.13	8.00	2.81	2.00	3.30	4.00
5970	Eshelman Pennsy 16 Dairy Feed	New Haven: T. F. Moran & Son	9.92	17.38	16.00	3.57	3.00	11.02	12.00
8138	Eshelman Red Rose Breeder Mash	Bethel: Marble & Risser	11.39	21.88	20.00	3.50	3.50	5.26	7.00
7821	Eshelman Red Rose Broiler Ration ...	Norwich: The A. E. Shedd Co.	12.06	21.56	20.00	3.21	3.50	5.45	7.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	John W. Eshelman & Sons,—Cont. Lancaster, Pa.								
7493	Eshelman Red Rose Calf Grower	So. Windsor: South Windsor Grain Co.	11.76	18.50	14.00	3.31	3.00	7.54	8.00
8382	Eshelman Red Rose Calf Meal	Meriden: The Meriden Grain & Coal Co.	9.62	22.00	22.00	2.88	3.00	3.50	5.00
8158	Eshelman Red Rose Calf Starter	Southbury: H. H. Stone & Sons	11.77	19.13	18.00	3.33	3.00	6.02	8.00
5850	Eshelman Red Rose Chick Grains	Norwich: The A. E. Shedd Co.	13.83	10.63	9.00	3.06	2.00	1.89	3.00
5849	Eshelman Red Rose Chick Starter	Norwich: The A. E. Shedd Co.	10.67	22.06	20.00	3.78	3.50	4.92	6.50
5969	Eshelman Red Rose Complete Laying Mash								
5616	Eshelman Red Rose Complete Rabbit Pellets	New Haven: T. F. Moran & Son Meriden: The Meriden Grain & Coal Co.	10.62	17.50	15.00	4.12	3.50	5.75	6.50
7491	Eshelman Red Rose 16 Dairy Feed ...	So. Windsor: South Windsor Grain Co.	11.40	19.44	16.00	3.53	3.50	7.26	9.50
5563	Eshelman Red Rose 18 Dairy Feed ...	Wallingford: A. E. Hall	12.16	18.38	18.00	4.00	3.50	7.41	9.50
8136	Eshelman Red Rose Duck Grower and Breeder								
5855	Eshelman Red Rose Expeller 41% Soybean Oil Meal	Bethel: Marble & Risser	10.74	22.19	18.00	4.10	4.00	5.65	7.00
7800	Eshelman Red Rose Fattening Mash ...	Norwich: The A. E. Shedd Co. New Britain: William Cohen, Inc.	11.01	43.13	41.00	4.37	3.50	5.91	7.00
7822	Eshelman Red Rose Finishing Pellets .	Norwich: The A. E. Shedd Co.	11.85	15.50	14.00	3.54	3.00	3.92	4.50
7490	Eshelman Red Rose Fitting Ration ...	So. Windsor: South Windsor Grain Co.	11.66	13.63	12.00	3.37	3.50	6.16	7.00
7823	Eshelman Red Rose Flushing and Conditioning Mash	Norwich: The A. E. Shedd Co.	10.94	15.94	15.00	2.36	2.50	4.09	6.50

8335	Eshelman Red Rose Goat Ration	New London: New London Grain Co.	7.36	18.94	16.00	3.34	3.00	6.31	10.00
5971	Eshelman Red Rose Growing Mash	New Haven: T. F. Moran & Son	10.30	20.56	18.00	4.06	3.50	6.27	7.50
7702	Eshelman Red Rose Hi-Lo Broiler Ration	Cos Cob: Belmont Feed Co.	11.46	22.06	20.00	3.43	3.50	4.10	5.00
5565	Eshelman Red Rose Hog Meal	Wallingford: A. E. Hall	11.48	20.63	18.00	4.10	3.50	7.96	10.00
7590	Eshelman Red Rose Horse Feed	So. Coventry: E. W. Latimer	12.98	10.13	9.00	3.37	3.00	7.10	10.00
5717	Eshelman Red Rose Intermediate Chick Grains	New Haven: The Frank S. Platt Co., Inc.	12.93	10.81	9.00	3.79	2.50	1.65	3.00
5617	Eshelman Red Rose Laying Mash	Meriden: The Meriden Grain & Coal Co.	10.93	21.88	20.00	3.95	3.50	6.04	8.00
8306	Eshelman Red Rose Pig and Sow Meal	Thomaston: Thomaston Supply Co., Inc.	10.47	22.69	20.00	4.18	3.50	5.20	6.00
5716	Eshelman Red Rose Pigeon Feed	New Haven: The Frank S. Platt Co., Inc.	12.37	14.69	12.00	3.84	3.00	3.52	4.00
7562	Eshelman Red Rose Rabbit Feed (Pelleted)	Thomaston: Thomaston Supply Co., Inc.	10.61	14.06	14.00	3.47	3.00	8.77	12.00
5615	Eshelman Red Rose Scratch Grains	Meriden: The Meriden Grain & Coal Co.	12.76	11.75	8.00	3.67	2.00	3.37	4.00
5851	Eshelman Red Rose Starter and Grower	Norwich: The A. E. Shedd Co.	10.57	20.31	18.00	4.17	3.50	5.98	7.00
8430	Eshelman Red Rose 14% Test Cow Ration	Norwich: The A. E. Shedd Co.	11.22	14.94	14.00	4.27	3.50	6.53	8.50
5852	Eshelman Red Rose Turkey and Broiler Fitting Feed	Norwich: The A. E. Shedd Co.	11.86	12.50	10.00	3.46	3.00	5.53	9.00
7703	Eshelman Red Rose Turkey Grower	Cos Cob: Belmont Feed Co.	11.44	21.88	20.00	3.96	3.50	5.70	8.00
5973	Eshelman S-O-S	New Haven: T. F. Moran & Son	10.45	15.38	11.00	3.30	2.00	14.20	16.00
8307	Wheat Bran and Wheat Screenings	Thomaston: Thomaston Supply Co., Inc.	11.19	15.81	14.50	4.35	3.50	9.54	11.00
7815	Wheat Gray Shorts and Ground Wheat Screenings	Norwich: The A. E. Shedd Co.	12.26	19.50	16.00	3.71	3.50	4.99	6.00
5462	Excelsior Milling Co., Minneapolis, Minn. Camel Hard Wheat Mixed Feed	Watertown: The Watertown Co-op Assoc., Inc.	10.80	15.50	15.00	4.66	4.00	8.13	9.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
8132	Falk & Co., Inc., Minneapolis, Minn. 32% Protein Expeller Linseed Oil Meal	Shelton: Wolf Savitsky & Sons, Inc.	11.91	32.31	32.00	4.86	3.50	8.71	10.00
7870	Farmers Feed Co., New York, N. Y. "Bull Brand" Dried Brewers Grains ...	Bridgeport: Brooklawn Grain & Feed Co.	7.48	31.06	26.00	7.37	6.00	10.74	17.00
5861	Feed Products, Inc., Groveland, Fla. BESTEST "Nature Sweet" Dried Citrus Pulp	Norwich: Eastern States Farmers' Exchange, Inc.	6.32	7.13	6.00	3.90	5.00	9.76	12.00
7686	Fish Products Co., Lewes, Del. Smith's Lifeline Brand Fish Meal	Thompsonville: The Geo. S. Phelps Co.	10.97	61.75	60.00	9.84	5.00	0.10	3.00
5484	Fishel Products Co., Kingsburg, Calif. Super-Trate	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	8.71	54.56	50.00	6.40	6.00	3.67	4.00
8435	Fishery Products, Inc., Cleveland, Ohio Monroe Brand Fish Meal	Norwich: The Yantic Grain & Products Co.	7.67	60.88	60.00	9.43	1.00	0.13	1.00
5697	Florida Citrus Cannery Co-op, Lake Wales, Fla. Lake Wales Brand Citrus Pulp	New London: Harbor Grain Co.	9.21	6.50	6.00	4.34	3.00	13.26	16.00

	Flory Milling Co., Inc., Bangor, Pa.									
5958	Flory Superior 14% Fitting Ration (Partly Pelleted)	Middletown: Conn. State Hos- pital	11.92	16.69	14.00	3.82	3.00	8.66	10.00	
	The Fox Co., Newfield, N. J.									
5813	Fox Fish Meal 55%	Derby: Derby Feed Store	9.38	60.88	55.00	11.07	3.00	0.14	3.00	
7426	Fox Fish Meal 60%	Granby: E. H. Rollins & Sons, Inc.	8.36	60.94	60.00	12.19	3.00	0.17	3.00	
7422	Foxco Flavitein	Granby: E. H. Rollins & Sons, Inc.	7.91	41.50	35.00	6.32	2.00	1.55	2.50	
	Funk Bros. Seed Co., Bloomington, Ill.									
7544	Funk's 41% Protein Expeller Soybean Oil Meal	Watertown: The Watertown Co- op Assoc., Inc.	11.98	42.88	41.00	4.14	3.50	5.60	7.00	
	Geiger Products Co., Inc., New York, N. Y.									
5494	Flag Fish Meal	Middletown: Meech & Stoddard, Inc.	5.18	62.50	60.00	19.15	3.00	0.37	trace	
	General Foods Corp., Kankakee, Ill.									
8157	Burt's Hominy Feed	Southbury: H. H. Stone & Sons .	11.24	10.00	9.50	5.41	5.00	3.85	6.00	
	General Mills, Inc., Minneapolis, Minn.									
5739	Washburn's Gold Medal Hard Wheat Adrian Red Dog	So. Norwalk: The Roodner Feed Co., Inc.	12.52	18.19	16.00	4.08	3.50	2.39	4.00	
7440	Washburn's Gold Medal Hard Wheat Bran and Ground Wheat Screenings .	Collinsville: S & W Feed Store	11.61	14.63	14.00	3.89	3.50	9.77	12.00	
5738	Washburn's Gold Medal Hard Wheat Standard Middlings and Ground Wheat Screenings	So. Norwalk: The Roodner Feed Co., Inc.	11.49	16.88	15.00	4.72	4.00	7.80	9.50	
	General Mills, Inc., Larrowe Div., Detroit, Mich.									
5706	Dried Beet Pulp	Groton: The C. W. Campbell Co.	10.55	8.56	7.00	0.72	0.30	17.76	22.50	
7575	Larro Broiler Feed	Plantsville: C. A. Cowles, Inc. .	13.09	21.25	20.00	3.43	3.00	4.17	5.50	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	General Mills, Inc., Larrowe Div.,—Cont. Detroit, Mich.								
7696	Larro Calf Builder	Suffield: The Spencer Co.	10.89	25.50	24.00	3.46	2.50	4.44	6.00
5624	Larro Chick Builder	Meriden: Reliable Grain & Feed Store	11.58	21.88	20.00	3.36	3.00	5.37	7.50
5741	Larro Chick Grains	So. Norwalk: The Roodner Feed Co., Inc.	13.63	9.38	8.00	2.60	2.00	1.50	4.00
7695	Larro 16% Dairy Feed	Suffield: The Spencer Co.	12.15	18.00	16.00	3.21	2.50	8.57	12.00
5807	Larro 20% Dairy Feed	Bristol: C. A. Cowles, Inc.	10.70	21.56	20.00	2.77	2.50	8.91	12.00
8194	Larro 20% Dairy Feed	Danbury: H. E. Meeker	8.96	23.88	20.00	2.52	2.50	8.12	12.00
5808	Larro Egg Mash	Bristol: C. A. Cowles, Inc.	12.13	20.81	20.00	3.88	3.00	5.67	8.00
7694	Larro Green Pellets for Rabbits	Suffield: The Spencer Co.	11.45	16.88	15.00	3.63	2.00	14.52	19.00
8193	Larro Scratch Grains	Danbury: H. E. Meeker	13.71	9.38	8.00	3.47	2.00	3.53	5.00
5625	Larro Sow and Pig Builder	Meriden: Reliable Grain & Feed Store	12.52	19.06	17.00	3.82	3.00	4.36	6.00
	The Glidden Co., Chicago, Ill.								
8461	Glidden 30% Protein Solvent Extracted Soybean Feed	Granby: E. H. Rollins & Sons, Inc.	8.50	32.25	30.00	1.41	0.50	13.27	17.00
8295	Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal	Seymour: Seymour Grain & Coal Co.	10.45	46.25	44.00	1.44	0.50	5.11	7.00
	Gloucester By-Products, Inc., Gloucester, Mass.								
7932	Globpro Brand Fish Meal	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	6.77	55.81	55.00	11.61	5.00	0.39	2.00

Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.									
5556	Gorton's Al-Fish Blend "Junior"	Seymour: Seymour Grain & Coal Co.	9.58	42.88	40.00	8.13	6.00	5.09	8.00
8362	Gorton's Al-Fish Blend "Senior"	Canaan: Community Service, Inc.	10.07	43.00	40.00	13.26	7.50	8.07	8.00
D. H. Grandin Milling Co., Jamestown, N. Y.									
7646	Chautauqua 20 Dairy Feed	Hawleyville: W. A. Honan, Inc. .	11.75	20.19	20.00	3.16	3.00	8.91	12.00
8227	Grandin's All-Mash Layer	Putnam: Shepard & Whittemore, Inc.	9.92	16.00	15.00	5.16	3.00	5.85	6.50
7997	Grandin's Baby Chick Grains	Oneco: F. C. Whitford	13.00	10.75	10.00	2.51	2.50	1.52	5.00
7647	Grandin's Breeder Mash	Hawleyville: W. A. Honan, Inc. .	10.13	20.13	20.00	3.89	3.00	5.59	6.50
8192	Grandin's Calf Starter	Danbury: H. E. Meeker	9.25	18.25	18.00	4.08	3.00	6.22	10.00
8228	Grandin's Complete Chick Starter	Putnam: Shepard & Whittemore, Inc.	10.51	25.31	25.00	3.18	3.00	5.37	6.00
8226	Grandin's Dry and Freshening Ration .	Putnam: Shepard & Whittemore, Inc.	12.84	14.25	12.00	3.54	3.00	5.65	12.00
7594	Grandin's 14 Fitting Ration	Mansfield Depot: G. Merritt Thompson	12.94	13.38	14.00	3.88	3.50	6.62	10.00
8225	Grandin's Goat Feed	Putnam: Shepard & Whittemore, Inc.	11.69	16.13	16.00	3.66	3.50	7.52	10.00
7995	Grandin's Hi-Pro Pellets	Oneco: F. C. Whitford	10.34	22.13	22.00	4.27	3.00	5.54	6.50
8191	Grandin's Intermediate Chick Grains	Danbury: H. E. Meeker	10.80	10.56	10.00	2.76	2.50	1.67	5.00
7648	Grandin's Laying Mash	Hawleyville: W. A. Honan, Inc. .	11.39	19.75	20.00	3.28	3.00	6.07	6.50
7996	Grandin's 20 Milk Maker	Oneco: F. C. Whitford	11.04	23.63	20.00	3.36	3.50	6.95	10.00
7655	Grandin's Pig and Hog Feed	Hawleyville: W. A. Honan, Inc. .	12.11	17.13	18.00	2.71	3.50	3.83	10.00
7993	Grandin's Poultry and Turkey Fitting Ration	Oneco: F. C. Whitford	12.28	10.88	10.00	3.05	3.00	5.78	11.00
8197	Grandin's Rabbit Pellets	Danbury: H. E. Meeker	10.15	14.50	14.00	4.43	2.00	10.87	18.00
7991	Grandin's Start-To-Finish Mash	Oneco: F. C. Whitford	10.52	24.13	20.00	3.21	3.00	5.87	6.50
8195	Grandin's Stock Feed	Danbury: H. E. Meeker	8.94	12.00	9.00	3.49	3.50	10.10	12.00
7992	Grandin's Super Starter and Broiler Ration	Oneco: F. C. Whitford	11.58	21.88	20.00	3.56	3.00	3.52	4.50
7994	Grandin's 16 Test Ration	Oneco: F. C. Whitford	11.61	18.56	16.00	3.51	3.50	6.54	10.00
7704	Grandin's 18 Test Ration	Cos Cob: Belmont Feed Co.	11.58	20.19	18.00	4.95	3.50	8.10	10.00
8224	Grandin's Turkey Grower	Putnam: Shepard & Whittemore, Inc.	10.24	20.00	20.00	4.09	3.00	5.59	6.50

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	The Great Atlantic & Pacific Tea Co., Minneapolis, Minn.								
7662	Daily Egg Laying Mash	E. Hartford: A & P Warehouse	11.32	22.50	20.00	3.43	3.00	6.33	7.50
7663	Daily Growth Growing Mash	E. Hartford: A & P Warehouse	12.35	20.94	17.50	3.49	3.00	5.02	7.50
	Green Acre Farms, Nazareth, Pa.								
5460	Green Acre's Brand 17% Dehydrated Alfalfa Meal	Watertown: The Watertown Co- op Assoc., Inc.	6.82	18.19	17.00	2.53	2.00	24.23	27.00
	Hales & Hunter Co., Chicago, Ill.								
8326	College Horse Feed	New London: New London Grain Co.	7.63	12.69	9.00	3.28	2.50	9.69	10.00
5683	Gold Flake 16½ Dairy	New London: New London Grain Co.	12.06	17.06	16.50	2.85	2.00	8.14	15.00
8329	Havana Pellets	New London: New London Grain Co.	7.42	19.00	18.00	3.66	3.00	5.21	6.00
5674	Pioneer Calf Starter	New London: New London Grain Co.	11.41	19.88	18.00	3.73	2.50	5.41	8.50
8271	Pioneer 15 Dairy	Putnam: Putnam Farmers' Co-op Assoc., Inc.	11.31	19.94	15.00	3.77	3.00	7.15	9.00
7601	Pioneer Dairy Bull	Storrs: University of Conn.	12.89	13.19	12.00	3.49	3.00	6.18	12.00
8119	Pioneer Dairy Fitting Feed	Shelton: Wolf Savitsky & Sons, Inc.	12.12	16.56	14.00	3.39	2.50	7.03	10.00
7603	Pioneer Dry and Freshening	Storrs: University of Conn.	12.50	12.63	12.00	4.00	2.50	6.94	10.00
5675	Pioneer Hog Ration 15	New London: New London Grain Co.	11.41	18.06	15.00	3.61	3.00	5.62	8.00

8272	Pioneer Horse Feed	Putnam: Putnam Farmers' Co-op Assoc., Inc.	13.12	11.75	9.00	3.41	2.50	6.13	10.00
7604	Pioneer Pelleted Flaked 15 Dairy	Storrs: University of Conn.	12.22	16.50	15.00	3.51	3.00	6.64	9.00
8274	Pioneer Pelleted Flaked Dairy Goat Feed	Putnam: Putnam Farmers' Co-op Assoc., Inc.	11.71	16.81	15.00	3.00	3.00	5.27	9.00
5677	Red Comb All Mash Breeder	New London: New London Grain Co.	10.70	17.56	16.00	3.71	3.00	5.61	7.00
5676	Red Comb All Mash Grower	New London: New London Grain Co.	11.41	18.00	15.00	3.50	3.00	6.08	7.00
7417	Red Comb Balancer	Manchester: Little & McKinney, Inc.	10.36	27.50	26.00	2.83	2.50	7.50	8.00
8330	Red Comb Breeder Mash	New London: New London Grain Co.	7.43	21.88	20.00	3.09	3.00	5.78	7.00
7354	Red Comb Broiler Crate Fattener	Hartford: D. Rudin, Inc.	12.58	20.63	15.00	3.09	3.00	5.33	7.00
7415	Red Comb Broiler Mash	Manchester: Little & McKinney, Inc.	12.25	21.25	20.00	3.16	3.00	4.33	6.00
8131	Red Comb Chick Producer	Shelton: Wolf Savitsky & Sons, Inc.	10.84	25.38	24.00	2.75	3.00	4.51	5.00
8327	Red Comb Chick Starter	New London: New London Grain Co.	7.68	24.00	20.00	3.04	3.00	5.15	6.00
7355	Red Comb Crate Fattener	Hartford: D. Rudin, Inc.	11.21	14.25	13.00	3.17	3.00	5.46	7.00
7660	Red Comb Duck Grower	Newtown: Newtown Farm Sup- ply Co.	11.90	19.56	18.00	3.42	3.00	5.24	7.00
7659	Red Comb Duck Starter	Newtown: Newtown Farm Sup- ply Co.	12.00	19.25	18.00	3.28	3.00	6.24	7.00
5678	Red Comb Egg Mash	New London: New London Grain Co.	11.62	21.06	20.00	3.00	3.00	6.30	7.00
7414	Red Comb Growing Mash	Manchester: Little & McKinney, Inc.	11.65	19.13	18.00	3.45	3.00	5.34	7.00
7413	Red Comb Sup-Pel	Manchester: Little & McKinney, Inc.	11.49	22.00	21.00	4.51	3.00	6.41	10.00
7661	Red Comb Turkey Grower	Newtown: Newtown Farm Sup- ply Co.	11.38	21.00	21.00	3.90	3.00	5.08	7.00
7658	Red Comb Turkey Starter	Newtown: Newtown Farm Sup- ply Co.	11.69	26.38	27.00	2.91	3.00	4.59	6.00
8130	Red Dog	Shelton: Wolf Savitsky & Sons, Inc.	13.13	15.38	16.00	3.66	3.50	2.30	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
A. E. Hall, Wallingford, Conn.									
5588	Hall's Growing Mash	Wallingford: A. E. Hall	8.88	20.31	16.00	4.37	3.50	6.50	7.50
5566	Hall's Hi-Lo Starter and Broiler	Wallingford: A. E. Hall	12.24	23.63	20.00	4.73	3.50	3.25	4.50
5567	Hall's Laying Mash	Wallingford: A. E. Hall	9.14	20.38	20.00	4.17	3.50	5.91	7.50
Harper Feed Mills, Inc., Washington, Pa.									
4583	Harco Dairy Fitting Ration	Cos Cob: Belmont Feed Co.	11.04	17.25	14.00	2.52	3.00	5.64	10.00
7525	Harco Fattening Mash Station Feed ..	No. Franklin: The Berkman Grain & Coal Co.	12.22	14.13	12.00	4.40	3.00	4.60	6.00
7713	Harco Growing Mash	Glenbrook: Frank Policastro & Sons	11.26	19.38	18.00	3.29	3.00	5.90	7.00
7711	Harco Horse Feed	Glenbrook: Frank Policastro & Sons	13.88	11.00	9.00	2.89	2.00	5.05	10.00
7712	Harco Pig and Hog Meal	Glenbrook: Frank Policastro & Sons	11.56	17.38	16.00	3.77	3.00	6.06	6.00
7523	Harco Short Feed Station Fattener Pel- lets	No. Franklin: The Berkman Grain & Coal Co.	11.84	16.38	15.00	3.44	3.00	5.10	6.50
Highland Grain & Feed Co., Stratford, Conn.									
8033	Highland 20% Dairy Ration	Stratford: Highland Grain & Feed Co.	11.89	18.06	20.00	3.59	3.00	7.47	9.00
8032	Highland Laying Mash	Stratford: Highland Grain & Feed Co.	11.60	20.06	19.00	4.12	3.00	8.33	7.00

	Highland Products, Inc., Minneapolis, Minn.									
5790	Hi-Nutra	Bristol: Farmers Feed & Supply Co.	9.58	25.63	25.00	6.16	4.50	2.23	2.00	
	Holland Pioneer Mills, Inc., Ohio City, Ohio									
5841	Lucky Strike Soybean Oil Meal	Norwich: The Yantic Grain & Products Co.	11.55	43.31	41.00	4.73	3.50	5.74	7.00	
	H. P. Hood & Sons, Inc., Boston, Mass.									
5879	Hood's Calf Starter	Mt. Carmel: Hamden Grain Co.	7.62	27.75	26.00	3.63	4.00	3.73	4.00	
	Hood Mills Co., Baltimore, Md.									
7451	Medium Ground Hood	Middletown: Meech & Stoddard, Inc.	11.96	13.75	11.00	1.74	2.00	13.51	13.00	
	The Hubinger Co., Keokuk, Iowa									
5991	Ke OK uk Corn Gluten Feed	Pawcatuck: The C. W. Campbell Co.	10.59	24.63	23.00	2.02	2.00	7.66	8.50	
	Humphreys-Godwin Co., Memphis, Tenn.									
5821	Dixie Brand 41% Protein Cottonseed Meal	Shelton: Wolf Savitsky & Sons, Inc.	8.08	42.38	41.00	6.43	4.00	7.77	12.00	
	Illinois Cereal Mills, Inc., Paris, Ill.									
7573	Hominy Feed	Plantville: C. A. Cowles, Inc. .	11.76	10.00	10.00	5.36	5.00	4.15	5.00	
	Independent Manufacturing Co., Philadelphia, Pa.									
6055	Independent's Sterilized Steamed Feed- ing Bone Meal	New Haven: T. F. Moran & Son	.....	11.50	5.00	.....	.....	.....	.....

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
7570	Inter-Continental Grain Co., Ltd., Toronto, Ont., Canada Ranger Brand Pure Wheat Bran	Plantsville: C. A. Cowles, Inc. .	11.79	15.69	15.00	4.26	3.50	8.69	11.50
7972	International Milling Co., Minneapolis, Minn. Blackhawk Wheat Bran with Ground Wheat Screenings	Long Hill: Long Hill Feed Store	11.06	16.50	15.00	3.92	2.50	10.87	12.00
8433	Blackhawk Wheat Bran with Ground Wheat Screenings	Norwich: The Yantic Grain & Products Co.	10.75	17.38	15.00	4.79	2.50	8.87	12.00
7472	Blackhawk Wheat Standard Middlings with Ground Wheat Screenings	Willimantic: W. D. Grant Co. . .	13.72	13.75	15.00	3.69	3.00	6.62	9.50
8364	Superior Wheat Shorts	Canaan: Community Service, Inc.	12.76	17.00	17.00	4.82	5.00	6.15	8.00
5820	Target Reddog	Derby: Derby Feed Store	12.02	17.25	15.00	3.35	2.00	2.54	4.00
7814	Kansas Flour Mills Co., Kansas City, Mo. Big Flake Pure Wheat Bran	Norwich: The A. E. Shedd Co. .	11.13	17.38	15.00	3.25	3.50	9.06	11.00
5886	Kasco Mills, Inc., Waverly, N. Y. Kasco All Mash Broiler Grower Ration	East Haven: East Haven Hay & Grain	11.93	20.25	18.00	3.65	3.00	4.24	4.50
5885	Kasco All Mash Grower Ration	East Haven: East Haven Hay & Grain	11.10	17.13	15.00	4.10	3.00	5.22	7.00
5884	Kasco All Mash Layer Ration	East Haven: East Haven Hay & Grain	10.10	18.25	15.00	3.72	3.00	5.39	7.50
8412	Kasco Beatsall Milk Grains 16%	W. Willington: Hansen's Store . .	11.10	18.94	16.00	3.91	3.50	7.73	10.00
7761	Kasco Beatsall Milk Grains 20%	W. Willington: Hansen's Store . .	11.89	20.13	20.00	4.24	3.50	6.86	10.00

7758	Kasco Body Builder	W. Willington: Hansen's Store ..	11.69	18.31	15.00	3.15	3.00	3.91	7.00
7759	Kasco Complete Rabbit Ration	W. Willington: Hansen's Store ..	11.37	16.81	17.00	2.67	2.00	8.72	13.00
8411	Kasco 18% Dairy Feed	W. Willington: Hansen's Store ..	10.55	19.19	18.00	4.09	3.00	8.06	10.00
7763	Kasco Egg Producer	W. Willington: Hansen's Store ..	11.11	21.00	20.00	3.46	3.00	6.03	7.50
7762	Kasco Fitting Ration	W. Willington: Hansen's Store ..	12.06	15.13	14.00	3.95	3.50	7.24	10.00
8415	Kasco Gro-Calf	W. Willington: Hansen's Store ..	11.86	23.13	20.00	3.63	3.00	6.94	7.50
8407	Kasco Growing Mash	W. Willington: Hansen's Store ..	10.69	20.31	18.00	3.66	3.00	6.17	7.50
8410	Kasco Horse Feed	W. Willington: Hansen's Store ..	11.96	10.63	10.00	3.06	2.50	6.96	10.00
8414	Kasco Special Scratch Grains	W. Willington: Hansen's Store ..	12.99	11.13	9.00	2.41	2.00	2.36	4.00
7760	Kasco Turkey Grower	W. Willington: Hansen's Store ..	10.91	22.06	20.00	3.29	3.00	5.38	7.50
8413	Kasco Turkey Starter Ration	W. Willington: Hansen's Store ..	10.12	25.69	28.00	3.24	3.00	4.49	5.50
Kellogg Co., Battle Creek, Mich.									
7452	Kellogg's Hominy Feed	Middletown: Meech & Stoddard, Inc.	12.53	9.44	10.00	6.83	6.00	2.97	5.00
Kellogg Co. of Canada, Ltd., London, Ontario, Canada									
5816	○ Corn ○ Hominy Feed	Derby: Derby Feed Store	12.21	10.63	9.50	7.26	6.00	4.47	5.00
7429	○ Corn ○ Hominy Feed	Granby: E. H. Rollins & Sons, Inc.	13.11	9.69	9.50	6.69	6.00	3.08	5.00
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.									
7377	Spencer Kellogg's 32% Protein Old Pro- cess Linseed Oil Meal	Guilford: Fred C. Morse & Son ..	12.14	32.25	32.00	4.21	3.50	8.91	9.00
7550	Spencer Kellogg's 34% Protein Old Pro- cess Linseed Oil Meal	Watertown: The Watertown Co- op Assoc., Inc.	13.23	33.31	34.00	4.13	3.50	8.21	9.00
7931	Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	11.99	46.69	44.00	0.83	0.50	4.75	7.00
Keystone Dehydrators, Nazareth, Pa.									
5493	Keystone Super Green 17% Dehydrated Alfalfa Meal	Middletown: Meech & Stoddard, Inc.	8.88	17.25	17.00	2.82	2.00	16.69	27.00
Chas. A. Krause Milling Co., Milwaukee, Wis.									
5492	Badger Yellow Hominy Feed	Middletown: Meech & Stoddard, Inc.	12.43	11.13	10.00	5.67	5.00	4.31	6.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
5656	H. P. Kysor, Kent, Conn. Kysor's 16% Test Ration	Plainville: Eaton's Mill	11.77	15.94	16.00	4.58	4.00	6.19	9.00
	L & H Feed Co., Wallingford, Conn.								
5590	L & H All Mash Layer	Wallingford: L & H Feed Co. ...	11.60	16.38	15.00	4.49	4.00	5.01	6.00
5591	L & H Body Pellets	Wallingford: L & H Feed Co. ...	11.50	21.25	20.00	4.67	3.00	6.10	8.00
5592	L & H 20% Layer Mash	Wallingford: L & H Feed Co. ...	11.53	21.25	20.00	4.67	3.00	6.30	7.00
6003	L & H Poultry Fitting Ration	Wallingford: L & H Feed Co. ...	12.30	13.88	12.00	3.20	3.00	8.44	8.00
	Lake of the Woods Milling Co., Ltd., Montreal, Que., Canada								
5626	Lakewoods Quebec Choice Feed Flour	Meriden: Reliable Grain & Feed Store	13.14	18.13	17.50	3.32	3.50	1.88	2.00
5840	Lakewoods Wheat Shorts	Norwich: The Yantic Grain & Products Co.	11.10	18.63	17.00	5.67	5.00	7.19	8.00
	E. W. Latimer, So. Coventry, Conn.								
7589	College 18% Dairy	So. Coventry: E. W. Latimer	12.05	18.94	18.00	4.16	4.00	7.77	8.00
7586	College Fitting Ration	So. Coventry: E. W. Latimer	12.32	15.25	14.00	4.02	4.00	6.41	9.00
7588	College Growing Mash	So. Coventry: E. W. Latimer	11.72	17.31	17.50	3.63	4.00	7.21	8.00
7587	College Laying Mash	So. Coventry: E. W. Latimer	11.71	17.38	17.00	4.20	4.00	7.16	8.00
	Lauhoff Grain Co., Danville, Ill.								
5614	Vermilion Hominy Feed	Meriden: H. Grulich	11.38	10.75	9.00	5.32	5.00	3.88	6.00

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Libner Grain Co., Inc., Norwalk, Conn.									
5730	Libner's Blue Ribbon Conn. Standard Chick Starter Ration	Norwalk: Libner Grain Co., Inc.	11.95	20.06	20.00	3.67	4.00	4.99	6.00
5733	Libner's Blue Ribbon Dairy Ration 16%	Norwalk: Libner Grain Co., Inc.	11.16	17.13	16.00	4.80	5.00	6.64	8.00
8037	Libner's Blue Ribbon Fitting Ration 12%	Norwalk: Libner Grain Co., Inc.	12.15	15.81	12.00	4.93	4.00	5.45	10.00
8038	Libner's Blue Ribbon Growing Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc.	11.91	19.63	18.00	2.70	4.00	13.03	6.00
5731	Libner's Blue Ribbon Horse and Calf Ration	Norwalk: Libner Grain Co., Inc.	14.11	11.31	10.50	3.50	3.50	6.10	7.00
7705	Libner's Blue Ribbon Milk Egg Mash	Stamford: Stamford Grain Co.	11.71	20.31	20.00	4.57	3.00	5.60	6.50
7914	Libner's Blue Ribbon Turkey Starter and Grower	Norwalk: Libner Grain Co., Inc.	8.90	21.50	24.00	4.34	4.50	5.41	5.00
5732	20% Milkflow Dairy Ration	Norwalk: Libner Grain Co., Inc.	11.65	20.06	20.00	4.61	4.00	7.11	9.00
Litchfield County Co-op Assoc., Inc., Torrington, Conn.									
7617	Common Sense Dairy Ration	Torrington: Litchfield County Co-op Assoc., Inc.	11.97	17.44	16.00	4.70	4.50	8.20	9.00
7616	Common Sense Laying Mash	Torrington: Litchfield County Co-op Assoc., Inc.	12.16	18.75	18.00	3.61	4.00	5.72	7.00
7619	Common Sense Starting and Growing Mash	Torrington: Litchfield County Co-op Assoc., Inc.	12.31	18.19	18.00	3.72	4.00	5.89	7.00
The Long Hill Feed Store, Long Hill, Conn.									
7971	Dried Brewers Grains	Long Hill: Long Hill Feed Store	9.43	25.19	23.00	6.57	4.00	12.11	.....
7970	Improved Square Deal Dairy Ration ..	Long Hill: Long Hill Feed Store	12.57	17.44	18.00	4.35	4.50	10.14	10.00
Louisville Soy Products Corp., Louisville, Ky.									
7954	"Lou Soy" Brand 44% Protein Soybean Oil Meal	Derby: Derby Feed Store	11.79	47.75	44.00	0.85	0.50	4.92	7.00
A. S. MacDonald Commission Co., Boston, Mass.									
5463	Hominy Feed	Thomaston: Thomaston Supply Co.	9.34	10.75	10.00	5.84	6.00	5.53	7.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	A. S. MacDonald Commission Co.,—Cont. Boston, Mass.								
5557	"Parrheim" Pure Wheat Bran	Seymour: Seymour Grain & Coal Co.	12.07	15.00	15.00	4.49	3.50	9.14	11.50
5558	"Parrheim" Pure Wheat Shorts	Seymour: Seymour Grain & Coal Co.	12.37	17.44	15.00	5.19	3.50	7.60	8.00
	E. Manchester & Sons, Winsted, Conn.								
7614	Red Star Egg Mash	Winsted: E. Manchester & Sons ..	10.57	17.25	16.00	3.87	4.00	8.12	6.00
7613	Red Star Pig Feed	Winsted: E. Manchester & Sons ..	12.09	17.75	12.00	4.38	4.00	7.79	8.00
	Maritime Milling Co., Inc., Buffalo, N. Y.								
5999	B-B Bull Brand "16" Dairy Ration ...	No. Stonington: Rayolyn Feed Store	9.48	18.56	16.00	4.14	4.00	8.22	9.00
6002	B-B Bull Brand "20" Dairy Ration ...	No. Stonington: Rayolyn Feed Store	8.57	22.06	20.00	4.32	4.00	7.35	9.00
6000	B-B Bull Brand Dry and Fresh Cow Fitting Ration	No. Stonington: Rayolyn Feed Store	10.95	13.31	13.00	3.85	3.00	6.46	10.00
7941	B-B Bull Brand Pasture Supplement ...	Windsor Locks: Windsor Locks Grain Co.	8.47	12.25	13.00	3.21	3.00	13.52	15.00
7943	B-B Calf Starter Ration	Windsor Locks: Windsor Locks Grain Co.	11.96	20.00	18.50	3.50	3.50	6.29	8.00
5950	B-B Chick Feed	Portland: Anderson Farm Supply, Inc.	12.48	9.94	10.00	2.00	2.00	1.42	4.00
7944	B-B Complete Chick Starter Ration ...	Windsor Locks: Windsor Locks Grain Co.	11.64	20.00	20.00	3.56	3.00	5.19	7.00

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7938	B-B Complete Growing Ration	Windsor Locks: Windsor Locks Grain Co.	11.14	19.38	16.00	4.11	3.00	5.57	8.50
7624	B-B Complete Laying Ration	Torrington: Washington Supply Co., Inc.	11.79	19.00	16.00	3.57	3.00	5.97	8.50
8343	B-B Complete Rabbit Feed	No. Stonington: Rayolyn Feed Store	10.23	18.25	17.50	3.14	3.00	13.46	12.00
7947	B-B Conditioning Mash	Windsor Locks: Windsor Locks Grain Co.	11.18	14.94	14.00	3.26	3.00	3.07	6.00
7942	B-B Farmers Mixing Feed	Windsor Locks: Windsor Locks Grain Co.	9.51	34.00	32.00	2.85	3.00	6.86	8.00
7945	B-B Horse Feed	Windsor Locks: Windsor Locks Grain Co.	12.30	10.56	9.00	3.31	3.00	5.48	10.00
5997	B-B Ma-Co Breeder Mash	No. Stonington: Rayolyn Feed Store	10.41	33.94	21.00	3.06	3.00	3.82	5.00
6001	B-B Ma-Co Broiler Ration	No. Stonington: Rayolyn Feed Store	11.19	22.56	22.00	3.76	3.00	2.86	3.90
8344	B-B Ma-Co Complete Turkey Growing Ration	No. Stonington: Rayolyn Feed Store	10.03	24.81	22.00	3.34	3.50	3.74	5.00
5995	B-B Ma-Co Complete Turkey Starter Ration	No. Stonington: Rayolyn Feed Store	11.60	26.75	26.00	3.81	3.50	3.06	5.00
5998	B-B Ma-Co Egg Mash	No. Stonington: Rayolyn Feed Store	11.18	23.75	21.00	3.36	3.00	3.24	5.00
5996	B-B Ma-Co Growing Mash	No. Stonington: Rayolyn Feed Store	11.60	25.00	21.00	3.01	3.00	3.33	5.00
7939	B-B Ma-Co 30% Protein Turkey Pellets	Windsor Locks: Windsor Locks Grain Co.	11.37	31.25	30.00	3.39	3.50	4.09	5.00
7946	Marmico 16% Protein Dairy Feed	Windsor Locks: Windsor Locks Grain Co.	10.42	17.88	16.00	3.00	3.00	10.04	12.00
	C. J. Martenis Grain Co., New York, N. Y.								
5467	Dehydrated Alfalfa Meal	Plantsville: C. A. Cowles, Inc. . .	6.81	17.63	17.00	1.55	1.50	28.85	27.00
7421	M & Q Dehydrated 17% Alfalfa Meal ..	Granby: E. H. Rollins & Sons, Inc.	8.28	17.63	17.00	2.37	1.50	28.61	27.00
5459	Stimulo Mixed Feed	Watertown: The Watertown Co-op Assoc., Inc.	10.13	16.00	15.00	5.65	4.00	8.24	9.50
5468	Wheat Bran	Plantsville: C. A. Cowles, Inc. . .	13.27	17.50	14.00	3.85	3.50	10.21	11.00
7564	Wheat Gray Shorts and Ground Wheat Screenings	Thomaston: Thomaston Supply Co., Inc.	12.86	17.50	16.00	4.49	3.50	4.86	6.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
5853	Mauser Mill Co., Treichlers, Pa.								
7818	Pure Wheat Bran	Norwich: The A. E. Shedd Co. ...	11.33	17.56	14.00	4.81	3.50	9.16	12.00
	Standard Wheat Middlings	Norwich: The A. E. Shedd Co. ...	13.12	18.50	16.00	4.81	3.50	5.60	9.00
	Meech & Stoddard, Inc., Middletown, Conn.								
5940	M & S Economy Dairy Feed	Middletown: Meech & Stoddard, Inc.	11.08	16.44	16.00	3.68	3.50	9.08	10.00
5904	Red Wing Calf Starter and Grower ...	Middletown: Meech & Stoddard, Inc.	12.12	16.63	16.00	3.70	3.50	6.44	8.00
5941	Red Wing 15% Dairy Feed	Middletown: Meech & Stoddard, Inc.	11.08	15.44	15.00	3.95	3.80	7.64	9.00
5961	Red Wing 15% Dairy Feed	Middletown: Conn. State Hospital	11.76	16.38	15.00	4.75	3.80	7.19	9.00
7467	Red Wing Fitting Ration	Middletown: Meech & Stoddard, Inc.	14.75	13.50	14.00	3.12	4.00	7.23	10.00
7465	Red Wing Growing Mash	Middletown: Meech & Stoddard, Inc.	11.87	16.75	17.50	3.10	4.00	6.05	7.50
7788	Red Wing Horse Feed	Middletown: Meech & Stoddard, Inc.	13.94	10.19	9.00	3.42	3.50	4.90	8.00
7466	Red Wing Laying Mash	Middletown: Meech & Stoddard, Inc.	10.96	19.56	18.00	3.55	3.20	6.20	7.50
7787	Red Wing Pig and Hog Feed	Middletown: Meech & Stoddard, Inc.	12.01	14.88	17.50	3.01	4.00	7.70	7.90
5901	Red Wing Starting Mash	Middletown: Meech & Stoddard, Inc.	11.27	20.44	18.00	3.80	3.70	6.36	5.30

7789	Red Wing Stock Feed	Middletown: Meech & Stoddard, Inc.	12.26	10.63	10.00	3.10	2.50	11.08	11.00
8317	Special Balance Growing Mash	Middletown: Meech & Stoddard, Inc.	8.27	18.81	18.00	2.72	4.00	7.33	7.50
7468	Special Balance Laying Mash	Middletown: Meech & Stoddard, Inc.	11.66	19.38	20.00	3.28	3.50	5.86	7.50
5903	Special Balance Starter and Broiler Mash	Middletown: Meech & Stoddard, Inc.	11.43	22.38	21.00	4.69	3.50	3.28	4.00
5902	Special Balance Starting Mash	Middletown: Meech & Stoddard, Inc.	10.45	21.88	20.00	3.56	3.50	6.01	7.00
	Gustave A. Melges, Hartford, Conn.								
8460	Wheat Middlings	Granby: E. H. Rollins & Sons, Inc.	8.94	17.38	14.50	5.14	4.00	6.18	10.00
	Midland Flour Mills, Ltd., St. Boniface, Manitoba, Canada								
5838	Midland Shorts	Norwich: The Yantic Grain & Products Co.	12.11	17.19	15.00	4.26	4.00	5.29	8.00
	Miner-Hillard Milling Co., Wilkes-Barre, Pa.								
5817	Choice Steam Cooked Hominy Feed ..	Derby: Derby Feed Store	11.48	11.50	10.00	6.36	5.00	3.47	5.00
	Minnesota Linseed Oil Co., Minneapolis, Minn.								
7448	Minnesota 34% Protein Expeller Process Linseed Oil Meal	Middletown: Meech & Stoddard, Inc.	10.36	36.69	34.00	5.26	3.50	7.46	9.50
	Minute Maid Corp., Leesburg, Fla.								
5699	Golden Isle Citrus Pulp	Groton: The C. W. Campbell Co.	10.55	5.75	6.00	5.03	3.00	11.15	18.00
	Geo. Q. Moon & Co., Inc., Binghamton, N. Y.								
5621	Moon's Baby Chick Grains	Meriden: Reliable Grain & Feed Store	14.09	8.88	10.00	1.01	1.50	0.82	2.50
8185	Moon's Breeder Mash	Botsford: Botsford Grain & Supply	9.05	19.38	20.00	4.70	4.00	7.01	8.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Geo. Q. Moon & Co., Inc.,—Cont. Binghamton, N. Y.								
8186	Moon's Complete Growing Mash	Botsford: Botsford Grain & Supply	8.68	21.88	16.00	4.31	3.50	6.58	7.00
7912	Moon's Complete Laying Mash	Norwalk: Libner Grain Co., Inc.	8.36	20.25	16.00	4.31	3.50	5.96	7.00
5619	Moon's Complete Starter and Broiler Mash	Meriden: Reliable Grain & Feed Store	11.65	20.88	17.50	4.11	3.50	6.30	7.00
8034	Moon's Developing Grains	Norwalk: Independent Feed Store	12.88	10.88	10.00	3.66	1.50	2.03	5.00
5721	Moon's Fitting Ration	Norwalk: Independent Feed Store	10.57	15.63	13.00	4.32	4.00	8.29	9.00
7420	Moon's Growing Mash	Manchester: Larsen's Feed & Hardware	12.44	18.88	18.00	3.90	3.50	6.09	7.00
8027	Moon's Hog Feed	Bristol: Bristol Grain & Supply Co.	11.40	13.31	13.00	3.95	3.00	7.55	12.00
5620	Moon's Horse Feed with Molasses	Meriden: Reliable Grain & Feed Store	12.97	11.63	9.00	3.69	1.50	6.70	10.00
7419	Moon's Laying Mash	Manchester: Larsen's Feed & Hardware	11.04	20.50	20.00	3.36	3.50	6.13	7.00
7715	Moon's N. E. 20% Laying Mash	Glenbrook: Frank Policastro & Sons	12.21	19.88	20.00	3.65	3.00	8.36	9.00
7913	Moon's Rabbit Pellets	Norwalk: Libner Grain Co., Inc.	8.76	16.56	15.00	4.25	2.50	10.68	10.00
8028	Moon's Scratch Feed	Bristol: Bristol Grain & Supply Co.	12.86	10.50	10.00	2.46	2.00	3.05	5.00
5622	Moon's Starter Mash	Meriden: Reliable Grain & Feed Store	11.16	21.56	20.00	4.44	3.50	6.19	7.00
8321	Moon's Stock Feed	Higganum: Higganum Feed Store	7.14	14.63	9.00	4.21	3.00	7.64	12.00
8346	Moon's Super Broiler Ration	Central Village: Central Grain Co.	11.21	22.19	20.00	3.76	3.00	2.89	4.50

8347	Moon's 16% Test Ration	Central Village: Central Grain Co.	11.68	18.38	16.00	3.88	4.00	7.33	8.00
8036	Moon's 18% Test Ration	Norwalk: Independent Feed Store	10.59	19.25	18.00	4.76	4.00	7.65	8.00
8035	Moon's Turkey Grower Mash	Norwalk: Independent Feed Store	10.84	20.25	20.00	4.99	4.00	6.45	6.50
8026	N. E. Complete Growing Mash	Bristol: Bristol Grain & Supply Co.	10.76	18.50	16.00	4.11	3.00	7.13	9.00
5720	N. E. Complete Laying Mash	Norwalk: Independent Feed Store	11.05	17.63	16.00	3.79	3.00	7.72	9.00
8187	Poultry Fitting Ration	Botsford: Botsford Grain & Supply	10.66	12.50	11.00	3.17	2.50	6.19	11.00
5623	Special A 16% Dairy Ration	Meriden: Reliable Grain & Feed Store	11.28	21.50	16.00	4.80	3.50	7.89	10.00
7418	Special A 20% Dairy Ration	Manchester: Larsen's Feed & Hardware	11.18	22.06	20.00	4.44	3.50	6.32	10.00
Fred C. Morse & Son, Guilford, Conn.									
8337	Old Mill 20% Breeder Mash	Guilford: Fred C. Morse & Son	10.34	21.00	20.00	4.20	3.50	6.17	7.50
8339	Old Mill 20% Broiler Mash	Guilford: Fred C. Morse & Son	10.07	19.94	20.00	4.19	4.00	6.46	7.50
8336	Old Mill Complete Laying Mash	Guilford: Fred C. Morse & Son	10.86	16.88	16.00	4.11	3.50	5.71	7.50
7381	Old Mill Connecticut Broiler Mash	Guilford: Fred C. Morse & Son	12.26	22.00	21.00	3.86	5.00	3.51	4.50
7383	Old Mill 18% Dairy Feed	Guilford: Fred C. Morse & Son	12.09	18.06	18.00	4.01	4.00	5.76	9.00
8340	Old Mill Fitting Feed	Guilford: Fred C. Morse & Son	11.03	14.50	12.00	4.01	4.00	5.40	8.00
7380	Old Mill 18% Growing Mash	Guilford: Fred C. Morse & Son	12.81	18.44	18.00	3.52	3.50	5.50	6.50
8338	Old Mill Hog Feed	Guilford: Fred C. Morse & Son	10.39	15.63	14.00	4.01	3.50	5.50	6.00
7379	Old Mill 20% Laying Mash	Guilford: Fred C. Morse & Son	12.09	21.06	20.00	3.86	3.50	6.57	7.50
7382	Old Mill 20% Starting Mash	Guilford: Fred C. Morse & Son	11.57	20.31	20.00	3.91	3.50	4.99	6.50
Moses Bros. Co., Inc., Eaton, N. Y.									
5633	Dairy-Le 20% Balanced Ration	Kensington: A. S. Labieniec	10.32	21.88	20.00	4.58	3.50	8.47	10.00
5632	Moco 16% Dairy Feed	Kensington: A. S. Labieniec	12.20	19.50	16.00	3.93	3.50	6.89	10.00
Mount Vernon Milling Co., Mt. Vernon, Ind.									
5700	Poco Hominy Feed	Groton: The C. W. Campbell Co.	10.45	9.63	10.00	6.44	5.50	3.74	6.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	National Alfalfa Dehydrating & Milling Co., Lamar, Colo.								
5742	Jack Rabbit 15% Protein Dehydrated Alfalfa Meal	So. Norwalk: The Roodner Feed Co., Inc.	11.58	16.81	15.00	2.33	1.50	24.41	30.00
5488	Jack Rabbit 17% Protein Dehydrated Alfalfa Meal	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	6.17	19.88	17.00	2.97	1.50	26.56	27.00
	National Breweries (Dawes Black Horse & Dow) Montreal, Que., Canada								
5559	National Breweries "Dried Brewers' Grains"	Seymour: Seymour Grain & Coal Co.	8.14	22.50	22.00	7.04	7.00	15.16	15.00
7425	National Breweries "Dried Brewers' Grains"	Granby: E. H. Rollins & Sons, Inc.	9.29	25.19	22.00	6.68	7.00	14.50	15.00
7535	National Breweries "Dried Brewers' Grains"	Seymour: Seymour Grain & Coal Co.	11.40	22.13	22.00	5.58	7.00	15.80	15.00
	National Distillers Products Corp., New York, N. Y.								
5844	Nadrisol Brand Corn Distillers Dried Solubles	Norwich: The Yantic Grain & Products Co.	5.91	30.44	25.00	12.27	5.00	3.98	4.00
7534	Nadrisol Brand Corn Distillers Dried Solubles	Seymour: Seymour Grain & Coal Co.	11.47	24.63	25.00	10.56	5.00	3.99	4.00
7572	Produlac Brand Dried Corn Distillers Grains with Solubles	Plantsville: C. A. Cowles, Inc.	8.46	26.00	25.00	5.76	8.00	7.32	9.00

8319	National Foods, Inc., Indianapolis, Ind. Pulverized Feed Oats	Middletown: Meech & Stoddard, Inc.	7.78	11.00	11.00	2.00	2.00	14.46	15.00
8381	Nebraska Feed Products Co., Valley, Neb. Dehydrated Alfalfa Meal—17%	Plantsville: C. A. Cowles, Inc. ...	6.36	18.38	17.00	2.61	1.75	26.13	27.00
7571	The Neumond Co., St. Louis, Mo. Neumond Corn Distillers Dried Grains	Plantsville: C. A. Cowles, Inc. ...	8.89	27.13	25.00	6.91	5.00	11.80	16.00
8106	Neumond 13% Suncured Dairy Cut Alfalfa	Pawcatuck: The C. W. Campbell Co.	10.44	14.38	13.00	1.37	1.00	29.90	33.00
5960	Newton Concentrates, Ashby, Mass. Newton Bovine Concentrates (Sweet Fourteen)	Middletown: Connecticut State Hospital	11.89	18.25	14.00	5.16	5.00	7.69	8.00
5959	Newton Green Roughage Concentrates	Middletown: Connecticut State Hospital	8.75	15.31	14.00	3.49	3.00	12.00	12.00
8211	Ogden Grain Co., Utica, N. Y. Ogden "Biddy" Mash	Quinebaug: M. T. Dartt	11.39	20.75	20.00	3.67	2.50	5.73	7.50
8219	Ogden Complete Pellets	Quinebaug: M. T. Dartt	10.58	18.31	16.00	3.26	2.50	6.80	7.50
8212	Ogden 16% Dairy Feed	Quinebaug: M. T. Dartt	10.15	18.31	16.00	3.58	3.50	6.87	9.00
8221	Ogden Fitting Ration	Quinebaug: M. T. Dartt	10.82	15.94	12.00	4.00	3.00	6.41	9.00
8217	Ogden Growing Mash	Quinebaug: M. T. Dartt	11.11	20.56	18.00	3.86	3.50	6.42	7.50
8216	Ogden Horse Feed	Quinebaug: M. T. Dartt	11.36	11.81	10.00	3.74	3.00	6.28	9.00
8222	Ogden Rabbit Pellets	Quinebaug: M. T. Dartt	9.16	17.88	16.50	4.26	3.00	9.77	13.00
8223	Ogden Starter and Broiler Ration	Quinebaug: M. T. Dartt	13.36	24.75	20.00	2.42	3.50	6.03	7.00
8218	Ogden Super Pig Ration	Quinebaug: M. T. Dartt	11.28	13.88	14.00	4.30	3.50	5.74	7.00
8220	Ogden Turkey Grower and Developer	Quinebaug: M. T. Dartt	10.77	22.06	20.00	4.56	3.00	6.71	8.50
5485	Oswego Soy Products Corp., Oswego, N. Y. Extracted Soybean Oil Meal Toasted ..	Manchester: Central Conn. Co- op Farmers' Assoc., Inc.	11.55	45.75	44.00	3.03	0.50	5.19	7.00
8276	Extracted Soybean Oil Meal Toasted ..	Ansonia: Reliable Grain & Fuel Co.	12.16	47.63	44.00	1.43	0.50	4.09	7.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
6676	Philip R. Park, Inc., San Pedro, Calif. Cattle Manamar	Plantsville: C. A. Cowles, Inc.	13.16	22.50	20.00	1.32	1.50	2.40	5.00
8298	Park & Pollard Co., Buffalo, N. Y. Arrowhead Wheat Standard Middlings and Ground Wheat Screenings	Waterbury: H. S. Coe & Co.	11.04	15.38	15.00	5.36	4.00	8.16	9.50
8155	Claco Dairy Ration	Southbury: C. L. Adams Co.	11.93	20.19	20.00	3.52	3.50	6.08	9.00
7609	Dried Beet Pulp	New Hartford: Geo. W. Case, Inc.	11.77	8.13	7.00	0.51	0.30	18.42	22.50
7607	Go-Tu-It Pig and Hog Ration	New Hartford: Geo. W. Case, Inc.	11.28	18.25	16.00	4.43	3.00	5.09	6.00
8231	Lay or Bust All-Mash Grower	Putnam: Dayville Grain & Feed Co.	11.31	15.81	14.50	3.78	2.50	5.40	7.00
8229	Lay or Bust All-Mash Layer	Putnam: Dayville Grain & Feed Co.	11.96	15.56	15.00	4.05	2.50	5.34	7.00
7475	Lay or Bust Broiler Mash	Willimantic: W. D. Grant Co.	13.21	21.88	20.00	3.14	2.50	4.32	5.50
5863	Lay or Bust Chick Starter	W. Cheshire: Cheshire Grain & Coal Co.	11.20	24.56	20.00	3.35	2.50	5.02	6.00
7476	Lay or Bust Egg Mash	Willimantic: W. D. Grant Co.	11.23	21.25	20.00	3.98	2.50	6.05	7.50
8297	Lay or Bust Fleshing Pellets	Waterbury: H. S. Coe & Co.	10.42	16.56	15.00	3.81	2.50	5.17	6.50
7473	Lay or Bust Growing Feed	Willimantic: W. D. Grant Co.	11.68	19.50	18.00	3.04	2.50	6.07	7.50
7512	Lay or Bust Hi-Power Broiler Ration	Colchester: P. Cutler, Inc.	13.02	22.81	20.00	3.12	3.00	3.67	4.00
5865	Lay or Bust Hi-Valu Scratch Pellets	W. Cheshire: Cheshire Grain & Coal Co.	12.00	14.00	12.00	3.42	2.50	6.31	6.50
7612	Lay or Bust Laying Pellets	Winsted: Leonard Grain Co.	10.69	21.25	20.00	3.44	2.50	5.78	7.50
8299	Lay or Bust Poultry Fitting Ration	Waterbury: The Spencer Grain Co.	10.42	15.81	14.00	3.47	2.50	7.70	9.50
8161	Lay or Bust Starter and Broiler Pellets	Woodbury: C. L. Adams Co.	10.43	21.38	20.00	3.59	2.50	4.18	5.50

8296	Lay or Bust Turkey Grower	Waterbury: H. S. Coe & Co. ...	9.74	23.06	20.00	3.14	2.50	6.02	7.00
5864	Milk Maid Bulky Sweet Dairy	W. Cheshire: Cheshire Grain & Coal Co.	12.00	13.81	12.00	2.82	2.50	9.62	14.00
8163	Milk Maid Calf Meal	Woodbury: C. L. Adams Co. ...	11.01	24.94	20.00	3.36	3.50	4.56	7.00
7511	Milk Maid Calf Starter Mix	Colchester: P. Cutler, Inc.	14.02	19.94	19.00	3.32	3.00	6.25	8.00
8301	Milk Maid Calf Starter Pellets	Waterbury: The Spencer Grain Co.	9.46	28.06	22.00	3.57	3.50	5.99	7.00
5866	Milk Maid 16% Dairy Ration	W. Cheshire: Cheshire Grain & Coal Co.	10.53	20.81	16.00	4.13	3.50	7.41	10.00
7608	Milk Maid Fitting Ration	New Hartford: Geo. W. Case, Inc.	11.81	18.13	14.00	3.71	3.00	6.62	9.00
8230	Milk Maid Goat Feed	Putnam: Dayville Grain & Feed Co.	6.70	17.75	16.00	3.57	3.00	6.10	9.00
7927	Milk Maid Test Cow Ration	Dayville: Dayville Grain & Feed Co.	11.11	20.19	18.00	3.95	4.00	7.06	9.00
8162	Park & Pollard Rabbit Pellets	Woodbury: C. L. Adams Co. ...	10.01	14.94	14.00	3.68	2.50	7.55	12.00
8300	Park & Pollard Stock Feed	Waterbury: The Spencer Grain Co.	7.65	10.06	9.00	4.46	2.00	9.45	12.00
7474	Red Ribbon 16% Dairy Ration	Willimantic: W. D. Grant Co.	12.27	19.06	16.00	3.67	3.50	7.90	11.00
7513	Red Ribbon Fitting Ration	Colchester: P. Cutler, Inc.	13.70	15.81	14.00	4.09	3.00	6.67	9.00
7610	Special Milk Maid 20% Dairy Ration ..	New Hartford: Geo. W. Case, Inc.	12.21	20.56	20.00	3.80	3.50	7.37	10.00
8156	Yankee Horse Feed	Southbury: C. L. Adams Co. ...	12.64	11.81	10.00	3.60	2.50	4.86	10.00
Pasco Packing Co., Dade City, Fla.									
5710	Sugar-Sweet Citrus Pulp	Westville: Westville Grain Co. ...	8.16	6.81	6.00	5.49	2.50	10.91	13.50
Patent Cereals Co., Geneva, N. Y.									
7977	Hominy Feed	Plainfield: Elmore Stores, Inc.	11.09	10.31	9.00	5.52	5.00	3.69	5.00
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa									
5843	Douglas Corn Gluten Feed	Norwich: The Yantic Grain & Products Co.	9.75	24.31	23.00	2.56	1.30	6.38	8.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
7405	Phenix Pabst-ett Co., Chicago, Ill. KRACO Dried Cheese Whey	Manchester: Central Conn. Co-op Farmers' Assoc., Inc. Pawcatuck: The C. W. Campbell Co.	5.91	13.19	12.00	1.56	0.50	0.00	0.00
8116	KRAYLETS for Livestock—Poultry ...		11.30	21.88	20.00	7.98	4.50	1.49	2.00
	A. D. Pierce, Brooklyn, Conn.								
7919	Pierce 20% Breeder Mash	Brooklyn: A. D. Pierce	11.19	21.50	20.00	4.31	3.50	6.29	7.00
7918	Pierce Growing Mash	Brooklyn: A. D. Pierce	11.46	16.81	16.00	4.64	3.00	6.20	8.00
7917	Pierce Laying Mash	Brooklyn: A. D. Pierce	11.38	21.25	20.00	3.36	3.00	6.47	7.50
7916	Pierce Special Broiler	Brooklyn: A. D. Pierce	12.53	22.63	20.00	3.79	4.00	3.49	4.00
	Pillsbury Mills, Inc., Minneapolis, Minn.								
7697	Pillsbury's Hard Wheat Bran with Ground Wheat Screenings	Suffield: The Spencer Co.	13.00	15.50	14.00	4.66	4.00	9.47	12.00
8020	Pillsbury's Hard Wheat Standard B. Middlings with Ground Wheat Screen- ings	Bristol: Farmers' Feed & Supply Co.	12.07	17.63	15.00	5.72	4.00	7.33	9.50
7797	Pillsbury's Wheat Germ Meal	New Britain: C. W. Lines Co. ...	12.27	26.00	25.00	9.61	9.00	3.40	4.00
7698	Pillsbury's XX Daisy	Suffield: The Spencer Co.	13.67	18.06	16.00	4.65	4.00	2.83	4.00
	Portage Valley Milling Co., Bradner, Ohio								
5725	Valley Green Dehydrated Alfalfa Meal	Norwalk: Libner Grain Co., Inc.	9.54	17.69	17.00	2.56	1.50	22.49	27.00

R. C. Pratt & Co., Ltd., Toronto, Ont., Canada									
5726	Ruler Brand Pure Wheat Bran	Norwalk: Libner Grain Co., Inc.	12.25	15.75	15.00	4.84	3.50	11.24	11.50
5874	Ruler Brand Pure Wheat Bran	Mt. Carmel: Hamden Grain Co.	10.20	17.63	15.00	5.40	3.50	10.62	11.50
8365	Ruler Brand Pure Wheat Bran	Canaan: Community Service, Inc.	11.21	15.38	15.00	4.96	3.50	10.35	11.50
5727	Ruler Brand Pure Wheat Shorts	Norwalk: Libner Grain Co., Inc.	13.75	17.38	15.00	4.66	3.50	7.64	10.50
5839	Ruler Brand Pure Wheat Shorts	Norwich: The Yantic Grain & Products Co.	12.10	18.56	15.00	5.78	3.50	7.04	10.50
7585	Ruler Brand Pure Wheat Shorts	Plantsville: C. A. Cowles, Inc. ..	13.81	14.88	15.00	4.23	3.50	5.41	10.50
Pratt Food Co., Buffalo, N. Y.									
5794	Pratt's Calf Meal	Bristol: Bristol Grain & Supply Co.	11.47	25.69	24.50	4.25	4.00	4.19	4.50
5792	Pratt's Chick Scratch Feed	Bristol: Bristol Grain & Supply Co.	13.47	10.88	9.00	1.68	2.00	1.22	4.00
5791	Pratt's Chick Starter	Bristol: Bristol Grain & Supply Co.	11.10	21.88	20.00	4.43	3.50	4.95	7.00
5795	Pratt's Complete Rabbit Pellets	Bristol: Bristol Grain & Supply Co.	9.65	19.56	17.00	4.24	2.00	11.92	18.00
7937	Pratt's Dry, Fitting and Freshening Feed	Windsor: Robbins Grain & Hard- ware, Inc.	11.75	15.63	14.00	4.42	4.00	6.49	10.00
5722	Pratt's Fattening Mash	Norwalk: Independent Feed Store	10.94	16.38	15.00	4.64	4.00	4.98	7.00
7933	Pratt's Finishing Pellets	Windsor: Robbins Grain & Hard- ware, Inc.	10.77	17.13	17.00	4.22	3.50	4.53	6.00
8029	Pratt's Growing Mash	Bristol: Bristol Grain & Supply Co.	10.76	18.75	19.00	4.16	3.00	5.71	7.00
7934	Pratt's Horse Feed	Windsor: Robbins Grain & Hard- ware, Inc.	11.73	12.00	9.00	3.54	2.50	5.89	9.00
5793	Pratt's Laying Mash	Bristol: Bristol Grain & Supply Co.	10.61	21.50	20.00	4.77	3.50	5.86	7.50
8025	Pratt's Sweet 20% Dairy Feed	Bristol: Bristol Grain & Supply Co.	10.71	20.50	20.00	3.94	3.50	7.59	10.00
7935	Pratt's Turkey Growing and Finishing Mash	Windsor: Robbins Grain & Hard- ware, Inc.	10.05	22.00	21.00	4.83	3.50	5.65	7.50
7936	Utility Laying Mash	Windsor: Robbins Grain & Hard- ware, Inc.	9.96	19.13	18.00	4.24	3.00	6.70	8.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Publicker Industries, Inc., Philadelphia, Pa.								
7864	Dried Corn Distillers Solubles	Norwich: The Yantic Grain & Products Co.	7.91	26.06	25.00	4.56	2.00	3.10	6.00
7670	28% Grain Sorghum Distillers Dried Grains	Thompsonville: The Geo. S. Phelps Co.	8.62	32.94	28.00	10.36	8.00	9.75	15.00
7867	30% Grain Sorghum Distillers Dried Grains	Bridgeport: Brooklawn Grain & Feed Co.	7.93	30.25	30.00	7.50	8.00	6.82	15.00
	Purity Flour Mills, Ltd., Toronto, Ont., Canada								
7786	Pioneer Bran	Middletown: Meech & Stoddard, Inc.	12.24	15.94	15.00	4.82	3.50	9.44	11.50
	The Quaker Oats Co., Chicago, Ill.								
7974	Bell Cow Wheat Bran	Plainfield: Dayville Grain & Feed Co.	11.14	16.88	15.00	4.48	3.50	10.35	11.50
7956	Bell Cow Wheat Shorts	Derby: Derby Feed Store	12.75	18.94	16.00	4.93	4.00	4.68	8.00
8383	Ful-O-Pep Calf Starter	Wallingford: D. W. Ives	8.50	20.38	20.00	4.02	4.00	6.67	8.00
5600	Ful-O-Pep Chick Starter	Wallingford: D. W. Ives	9.84	21.88	20.00	4.21	4.00	5.04	7.00
7795	Ful-O-Pep Crate Fattener	New Britain: C. W. Lines Co. ...	11.35	12.81	12.50	2.71	3.00	5.70	8.00
7798	Ful-O-Pep 32% Dairy Concentrate	New Britain: C. W. Lines Co. ...	10.02	33.25	32.00	2.17	2.00	8.15	10.00
5963	Ful-O-Pep 16% Dairy Feed	Middletown: Conn. State Hospital	11.08	17.56	16.00	4.16	3.00	8.11	11.00
7796	Ful-O-Pep Egg-Breeder Mash	New Britain: C. W. Lines Co. ...	10.87	20.56	20.00	4.07	3.50	6.42	8.00
7416	Ful-O-Pep Egg Ration	Manchester: Little & McKinney, Inc.	11.84	15.88	15.00	4.09	3.00	5.82	8.00
7699	Ful-O-Pep Fitting Feed	Cos Cob: Belmont Feed Co.	13.18	13.88	14.00	3.91	3.00	7.60	11.00

7875	Ful-O-Pep Growing Mash	Fairfield: Fairfield Grain & Seed Co.	11.03	20.13	19.00	4.27	3.50	6.81	8.00
5745	Ful-O-Pep Laying Mash	Fairfield: Fairfield Grain & Seed Co.	11.10	21.88	20.00	3.64	3.00	6.61	8.00
7496	Ful-O-Pep Milking Feed	Glastonbury: Glastonbury Farm Supply	11.96	20.44	16.00	3.26	3.00	5.74	11.00
7799	Ful-O-Pep 22% Protein Broiler Mash ..	New Britain: C. W. Lines Co.	11.90	22.19	22.00	3.15	3.00	3.75	4.50
7494	Ful-O-Pep Super Greens	Glastonbury: Glastonbury Farm Supply	11.02	20.06	19.00	4.81	4.00	6.12	8.00
5599	Ful-O-Pep Turkey Breeder	Wallingford: D. W. Ives	10.08	19.75	20.00	4.51	3.50	7.49	8.00
7700	Ful-O-Pep Turkey Grower	Cos Cob: Belmont Feed Co.	10.94	20.81	20.00	3.14	3.00	7.19	8.00
5943	Peterborough Oat Huller Feed	Middletown: Meech & Stoddard, Inc.	8.08	3.56	3.50	1.02	1.00	32.42	32.50
8108	Peterborough Oat Huller Feed	Pawcatuck: The C. W. Campbell Co.	8.82	3.19	2.50	1.07	1.00	30.12	34.00
7495	Quaker 50% Molasses Feed	Glastonbury: Glastonbury Farm Supply	14.00	16.81	3.00	0.65	0.75	8.47	18.00
7506	Quaker Oat Mill Feed with 25% Molasses	Colchester: P. Cutler, Inc.	12.43	3.50	3.00	0.63	1.00	25.05	26.00
5602	Quaker 16% Protein Dairy Feed	Wallingford: D. W. Ives	11.66	17.25	16.00	2.46	2.50	11.16	12.00
5601	Quaker Sugared Schumacher Feed	Wallingford: D. W. Ives	10.58	14.63	12.00	2.98	2.50	8.49	12.00
8467	Quaker Sweet Mixing Feed	Hartford: Hartford Poultry Supply	7.16	8.25	3.50	1.58	1.00	15.38	16.00
8269	Yellow Hominy Feed	Putnam: Dayville Grain & Feed Co.	11.18	10.38	10.00	4.25	4.50	3.34	5.50
8031	Quebec Sugar Refinery, St. Hilaire, Que., Canada Dried Beet Pulp	Milford: Milford Grain Co.	9.84	7.94	7.00	0.66	0.30	19.55	22.50
7639	Ralston Purina Co., St. Louis, Mo. Dairy Premix A	New Milford: Check-R-Board Feed Store	10.74	34.44	36.00	1.35	3.50	5.62	6.00
7527	Northeastern Scratch Feed	Willimantic: Checkerboard Feed Store	15.36	9.88	9.00	2.47	2.00	4.02	5.00
7707	41% Protein Cottonseed Meal	New Canaan: Clapboard Hill Feed Co., Inc.	10.82	41.19	41.00	1.72	5.00	9.18	13.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist-ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
	Ralston Purina Co., — Cont. St. Louis, Mo.								
7530	Purina B & M Cow Chow	Willimantic: Checkerboard Feed Store	12.08	16.38	16.00	4.61	3.50	8.02	10.00
7637	Purina Breeder Lay Chow (For Heavy Breeds)	New Milford: Check-R-Board Feed Store	11.18	24.13	22.00	3.09	2.50	6.07	8.00
8416	Purina Broiler Checkers	Rockville: Farmers' Milling Co., Inc.	11.96	19.63	18.00	3.35	3.00	3.74	6.00
7638	Purina Broiler Chow	New Milford: Check-R-Board Feed Store	12.55	21.44	18.00	3.50	3.00	4.75	7.00
8428	Purina Broiler Chow Custom	Norwich: Checkerboard Feed Store	11.05	22.38	18.00	4.36	3.00	3.82	4.00
7706	Purina Broiler Chow Finisher	New Canaan: Clapboard Hill Feed Co., Inc.	12.25	19.56	18.00	3.83	3.00	4.11	4.50
8323	Purina Broiler Chow Starter	Deep River: Deep River Farm Supply	7.25	24.13	22.00	3.07	3.00	4.51	5.00
8424	Purina Bulky-Las	Norwich: Checkerboard Feed Store	10.61	12.00	10.00	2.37	2.00	13.86	15.00
8137	Purina Calf Chow	Bethel: Marble & Risser	10.84	28.56	27.00	2.31	3.00	4.59	5.00
7643	Purina Calf Startena	New Milford: Check-R-Board Feed Store	11.51	21.19	19.50	2.86	2.50	8.17	9.50
7710	Purina Chick Chow (Coarse)	New Canaan: Clapboard Hill Feed Co., Inc.	13.77	9.50	9.00	3.39	2.00	1.71	4.00
5681	Purina Chick Chow (Fine)	New London: New London Grain Co.	13.53	10.25	10.00	2.60	2.00	1.57	4.00
5668	Purina Chick Growena	Forestville: Rudolf Heyne	12.35	20.00	17.00	3.52	3.00	5.39	7.00
7528	Purina Chick Growing Chow	Willimantic: Checkerboard Feed Store	11.86	23.63	23.00	2.88	2.50	5.45	8.00

5679	Purina Chick Startena	New London: New London Grain Co.	13.82	21.06	20.00	3.54	3.00	4.16	5.00
8427	Purina Chicken Fatena	Norwich: Checkerboard Feed Store	11.27	15.31	14.00	4.15	3.00	7.28	8.00
7708	Purina Chicken Fatena Checkers	New Canaan: Clapboard Hill Feed Co., Inc.	11.46	14.00	14.00	3.45	3.00	4.11	8.00
7504	Purina Commercial Lay Chow	Glastonbury: Stanley Melzen	11.39	21.69	20.00	2.90	2.50	6.23	8.00
5671	Purina Commercial Layena	Forestville: Rudolf Heyne	10.97	19.88	18.00	3.45	2.50	5.19	8.00
8322	Purina Commercial Layena	Deep River: Deep River Farm Supply	7.78	19.19	18.00	2.53	2.50	4.88	8.00
8425	Purina Complete Sow and Pig Chow	Norwich: Checkerboard Feed Store	9.74	20.19	16.00	3.31	3.00	5.11	6.00
5955	Purina Cow Chow 16%	Portland: Valley Mills	11.85	17.06	16.00	3.43	3.00	7.73	12.00
7627	Purina Cow Chow 18%	Kent: H. H. Taylor & Son, Inc.	13.03	18.13	18.00	4.50	3.00	7.26	12.00
5957	Purina Cow Chow 20%	Portland: Valley Mills	10.01	20.38	20.00	4.47	3.00	8.97	12.00
7640	Purina D & F Chow	New Milford: Check-R-Board Feed Store	13.35	13.38	12.50	3.47	3.00	8.89	12.00
5953	Purina Flock Chow	Portland: Valley Mills	10.95	19.44	17.00	3.70	3.00	5.97	8.00
5956	Purina Fox Checkers	Portland: Valley Mills	9.86	22.06	20.00	4.16	3.00	5.26	6.00
8426	Purina Game Bird Startena	Norwich: Checkerboard Feed Store	8.91	31.88	28.00	4.82	3.50	4.98	7.00
7642	Purina Goat Chow	New Milford: Check-R-Board Feed Store	12.99	16.69	16.00	3.56	3.00	6.22	10.00
5670	Purina Hen Chow	Forestville: Rudolf Heyne	13.35	11.06	9.00	2.00	2.00	2.65	5.00
7709	Purina Hog Fatena	New Canaan: Clapboard Hill Feed Co., Inc.	12.83	17.88	14.00	3.07	3.00	6.15	8.00
5669	Purina Layena (Complete Ration)	Forestville: Rudolf Heyne	11.49	17.06	15.50	3.45	3.00	5.49	6.00
8328	Purina Milk Chow 16%	New London: New London Grain Co.	7.51	19.44	16.00	4.47	3.50	8.02	12.00
7636	Purina Milk Chow 18%	New Milford: Check-R-Board Feed Store	11.25	18.44	18.00	4.84	3.50	8.12	12.00
5954	Purina Omolene	Portland: Valley Mills	12.68	10.00	10.00	3.58	3.00	6.99	11.00
7529	Purina Poultry Booster Checkers	Willimantic: Checkerboard Feed Store	12.31	24.38	24.00	3.31	2.50	5.05	9.00
7641	Purina Rabbit Chow Checkers (Complete Ration)	New Milford: Check-R-Board Feed Store	10.49	16.81	15.00	2.68	2.00	12.96	18.00
8429	Purina Roaster Chow	Norwich: Checkerboard Feed Store	10.27	19.88	18.00	3.13	2.50	5.01	8.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Ralston Purina Co.,—Cont. St. Louis, Mo.								
5680	Purina Turkey Breeder Layena (Complete Ration)	New London: New London Grain Co.	12.28	17.38	16.50	4.57	3.00	4.99	8.00
7358	Purina Turkey Fatena	Portland: Valley Mills	12.87	17.56	15.50	3.14	3.00	5.32	8.00
7357	Purina Turkey Growena	Portland: Valley Mills	12.01	20.94	20.00	3.28	3.00	5.07	7.00
8324	Purina Turkey Growing Chow	Deep River: Deep River Farm Supply	6.94	28.13	26.00	2.77	2.50	5.53	8.00
8308	Purina Turkey Startena	Montowese: Lewis Feed Service	7.43	27.06	24.00	3.72	2.50	6.42	7.00
4125	Reground Oat Hulls	Groton: The C. W. Campbell Co.	9.09	3.31	3.00	0.84	1.20	29.74	35.00
	Reliable Grain & Fuel Co., Ansonia, Conn.								
7964	Connecticut State Open Formula Dairy Ration	Ansonia: Reliable Grain & Fuel Co.	13.40	16.88	20.00	3.45	4.00	8.25	9.00
8278	Reliable Growing Feed with Cod Liver Oil	Ansonia: Reliable Grain & Fuel Co.	10.05	19.50	15.00	4.62	4.00	6.65	8.00
8277	Reliable Laying Mash with Cod Liver Oil	Ansonia: Reliable Grain & Fuel Co.	10.08	20.25	18.00	5.02	4.00	6.68	8.00
8279	Reliable 16% Protein Dairy Feed	Ansonia: Reliable Grain & Fuel Co.	13.27	16.25	16.00	3.74	3.50	7.71	9.00
	Red's Feed Store, Bristol, Conn.								
5802	Red's Special 16%	Bristol: Red's Feed Store	10.51	16.19	16.00	3.87	4.50	9.60	9.50
	Robin Hood Flour Mills, Ltd., Moose Jaw, Saskatchewan, Canada								
5490	Superior Pure Wheat Bran	Middletown: Meech & Stoddard, Inc.	12.32	18.94	15.00	5.23	3.50	9.39	11.50
	Rohloff Bros., Inc., Graytown, Ohio								
7605	Dehydrated Alfalfa Meal	Storrs: University of Connecticut	9.22	18.00	17.00	2.47	1.75	23.71	27.00

E. H. Rollins & Sons, Inc., Granby, Conn.									
7427	Connecticut's Best Dairy Feed 16% . . .	Granby: E. H. Rollins & Sons, Inc.	12.63	15.75	16.00	3.94	3.50	7.22	8.00
8458	Connecticut's Best Dairy Feed 18% . . .	Granby: E. H. Rollins & Sons, Inc.	7.89	19.25	18.00	4.21	3.50	7.78	8.00
7430	Connecticut's Best Fitting Ration	Granby: E. H. Rollins & Sons, Inc.	12.68	16.50	12.00	3.78	3.50	7.22	12.00
8457	Connecticut's Best Growing Mash	Granby: E. H. Rollins & Sons, Inc.	8.06	18.25	17.00	3.97	4.50	5.58	7.00
8455	Connecticut's Best Horse Feed	Granby: E. H. Rollins & Sons, Inc.	8.14	11.31	10.00	4.41	3.00	6.33	12.00
7431	Connecticut's Best Laying Mash	Granby: E. H. Rollins & Sons, Inc.	11.70	19.69	18.00	4.61	4.50	6.51	7.00
8456	Connecticut's Best Pig and Hog Feed . .	Granby: E. H. Rollins & Sons, Inc.	7.76	16.69	16.00	4.26	4.00	5.99	8.50
8459	Connecticut's Best Super Broiler Ration	Granby: E. H. Rollins & Sons, Inc.	8.76	21.13	20.00	3.87	3.50	3.24	4.35
H. M. Rubin Co., Inc., Long Island City, N. Y.									
5561	Rubco 50% Protein Meat and Bone Scrap	Seymour: Seymour Grain & Coal Co.	6.92	52.88	50.00	5.96	2.00	2.29	3.00
7378	Rubco 55% Protein Meat and Bone Scrap	Guilford: Fred C. Morse & Son	7.88	55.50	55.00	4.20	2.00	2.54	3.00
Russell-Miller Milling Co., Minneapolis, Minn.									
7874	Hard Wheat Occident Bran	Bridgeport: Savitt Grain Ex- change	9.98	15.94	14.00	4.99	4.00	10.33	11.50
8305	Hard Wheat Occident Flour Middlings	Thomaston: Thomaston Supply Co., Inc.	11.91	17.75	15.50	4.31	3.00	2.40	5.00
7444	Hard Wheat Occident Standard Mid- dlings Containing Ground Wheat Screenings	Unionville: Farmington Grain & Lumber Co.	13.88	17.63	15.00	4.82	4.00	7.65	9.50
Saunders Mills, Inc., Toledo, Ohio									
7531	17% Dehydrated Alfalfa Meal	Seymour: Seymour Grain & Coal Co.	8.17	17.25	17.00	3.12	1.50	25.42	30.00

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TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Wolf Savitsky & Sons, Inc., Shelton, Conn.								
8129	Wolf's Broiler Finisher	Shelton: Wolf Savitsky & Sons, Inc.	11.63	19.00	18.00	3.61	3.00	3.82	4.50
7656	Wolf's Egg Mash	Newtown: Newtown Farm Supply Co.	11.30	20.63	20.00	3.31	3.00	5.71	8.00
7657	Wolf's Growing Mash	Newtown: Newtown Farm Supply Co.	11.42	21.63	20.00	4.10	3.00	5.29	8.00
5829	Wolf's Hi-Speed Broiler Ration	Shelton: Wolf Savitsky & Sons, Inc.	11.35	23.00	20.50	4.64	3.00	3.60	4.00
8126	Wolf's Horse Feed	Shelton: Wolf Savitsky & Sons, Inc.	12.75	12.50	10.00	3.29	3.00	7.26	12.00
8128	Wolf's Performo-Las	Shelton: Wolf Savitsky & Sons, Inc.	11.82	11.44	10.00	2.25	2.00	10.58	16.00
8127	Wolf's Pig and Hog Feed	Shelton: Wolf Savitsky & Sons, Inc.	10.63	16.75	15.50	4.06	3.50	4.57	10.00
8133	Wolf's Profitmaker 16% Dairy Ration	Newtown: Newtown Farm Supply Co.	11.40	18.75	16.00	4.11	3.00	8.02	11.00
5823	Wolf's Stock Feed	Shelton: Wolf Savitsky & Sons, Inc.	8.58	12.88	10.00	4.52	2.50	12.12	15.00
8118	Wolf's Sweetened 14% Dairy Ration ...	Shelton: Wolf Savitsky & Sons, Inc.	11.60	15.63	14.00	4.79	3.50	7.15	9.00
5827	Wolf's Sweetened 16% Dairy Ration ..	Shelton: Wolf Savitsky & Sons, Inc.	10.96	17.63	16.00	3.75	3.50	7.51	10.00
5828	Wolf's Sweetened 18% Dairy Ration ..	Shelton: Wolf Savitsky & Sons, Inc.	10.54	19.75	18.00	3.61	3.50	7.39	9.00
8134	Wolf's Sweetened 20% Dairy Ration ..	Newtown: Newtown Farm Supply Co.	10.71	20.81	20.00	4.04	3.50	8.89	9.00

	Savitt Grain Exchange, Bridgeport, Conn.									
7871	Complete Growing Mash	Bridgeport: Savitt Grain Exchange	9.46	17.06	15.00	4.02	3.50	6.29	8.00	
5495	16% Dairy Ration	Montowese: Lewis Feed Service	11.72	17.00	16.00	4.72	4.00	8.89	9.00	
5496	Growing Mash	Montowese: Lewis Feed Service	11.60	18.81	18.00	4.62	3.50	7.14	7.00	
7872	Horse Feed	Bridgeport: Savitt Grain Exchange	8.60	17.50	11.00	4.49	3.00	8.90	11.00	
5497	Laying Mash	Montowese: Lewis Feed Service	11.01	18.75	20.00	4.61	3.50	6.73	7.00	
7869	Turkey Grower	Bridgeport: Savitt Grain Exchange	12.01	22.06	20.00	4.18	3.00	4.64	7.00	
	Schenley Distilleries, Inc., New York, N. Y.									
7533	Schenley Mark of Merit Milo Distillers Dried Grains with Solubles, 26%	Seymour: Seymour Grain & Coal Co.	12.76	27.63	26.00	8.89	6.00	7.61	13.00	
	Schoeneck Farms, Inc., Nazareth, Pa.									
5560	Schoeneck's Super-Green Dehydrated Al- falfa Meal	Seymour: Seymour Grain & Coal Co.	7.51	20.13	17.00	2.09	2.00	26.06	27.00	
	Sea Board Supply Co., Philadelphia, Pa.									
5856	Crab Meal	Norwich: The A. E. Shedd Co.	10.26	33.38	31.00	1.35	1.00	12.04	11.00	
	Joseph E. Seagram & Sons, Inc., Louisville, Ky.									
7412	Seagram's Corn Distillers Dried Solubles	Manchester: Central Conn. Co- op Farmers' Assoc., Inc.	8.03	33.13	30.00	8.76	5.00	2.91	5.00	
	Session Oil Mills, Enterprise, Ala.									
7930	Sesco 45% Protein Solvent Extracted Peanut Oil Meal	Manchester: Central Conn. Co- op Farmers' Assoc., Inc.	8.36	45.50	45.00	2.46	1.00	11.45	16.00	
	Seymour Grain & Coal Co., Seymour, Conn.									
7540	Miracle Dairy Ration	Seymour: Seymour Grain & Coal Co.	13.61	16.38	16.00	4.06	4.50	5.84	9.50	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Seymour Grain & Coal Co.,—Cont. Seymour, Conn.								
7542	Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.	13.29	14.00	14.00	4.45	4.00	7.09	9.50
8283	Miracle Grower	Seymour: Seymour Grain & Coal Co.	10.50	20.38	19.00	4.26	4.00	5.93	8.00
8281	Miracle Hi-Energy Starter Broiler Ration	Seymour: Seymour Grain & Coal Co.	11.86	21.75	20.00	4.39	4.00	3.46	4.50
7537	Miracle Hog Ration	Seymour: Seymour Grain & Coal Co.	12.77	16.75	16.00	3.41	3.00	4.85	8.00
8294	Miracle Horse Feed	Seymour: Seymour Grain & Coal Co.	11.34	10.75	10.00	3.62	3.50	5.03	9.00
7538	Miracle Mash	Seymour: Seymour Grain & Coal Co.	12.28	21.75	20.00	4.20	4.50	5.82	8.00
7541	Miracle Scratch Feed	Seymour: Seymour Grain & Coal Co.	15.28	10.00	10.00	3.47	2.50	3.43	6.00
8280	Miracle Turkey Grower	Seymour: Seymour Grain & Coal Co.	10.21	22.50	20.00	4.03	4.00	4.24	8.00
8282	New England Mash	Seymour: Seymour Grain & Coal Co.	10.82	21.00	18.00	4.32	4.50	6.73	8.00
8284	See-More-Milk Dairy Ration, 18%	Seymour: Seymour Grain & Coal Co.	11.66	18.56	18.00	4.14	4.50	7.20	9.50
7539	See-More-Milk Dairy Ration, 20%	Seymour: Seymour Grain & Coal Co.	13.68	19.13	20.00	4.05	4.50	6.11	9.50
	The A. E. Shedd Co. Norwich, Conn.								
5847	Shedd's Connecticut Laying Mash	Norwich: The A. E. Shedd Co. .	10.39	20.31	20.00	4.45	3.50	7.16	9.00

7820	Shedd's 16% Dairy Ration with Vitamin D	Norwich: The A. E. Shedd Co. .	12.81	18.13	16.00	3.39	3.00	9.31	13.00
7819	Shedd's Fitting Ration with Vitamin D	Norwich: The A. E. Shedd Co. .	12.51	14.81	12.00	3.67	3.00	10.08	13.00
5848	Shedd's 18% Milk Maker	Norwich: The A. E. Shedd Co. .	11.74	20.63	18.00	3.53	3.50	7.51	11.00
The Sherwin Williams Co., Cleveland, Ohio									
8318	Sherwin Williams 34% Linseed Oil Meal	Middletown: Meech & Stoddard, Inc.	8.59	36.69	34.00	3.46	3.50	8.29	9.00
Silmo Chemical Corp., Vineland, N. J.									
7593	Col-Iver	So. Coventry: E. W. Latimer ...	.....	17.06	13.00	1.38	0.80	.....	.....
The W. J. Small Co., Inc., Kansas City, Mo.									
5845	Small's 17% Dehydrated Alfalfa Meal	Norwich: The Yantic Grain & Products Co.	6.96	18.19	17.00	2.63	1.75	23.21	27.00
Allen V. Smith, Inc., Marcellus Falls, N. Y.									
5815	Smith's Barley Feed, Red Tag Brand ..	Derby: Derby Feed Store	11.24	15.38	13.00	4.57	2.00	7.48	14.00
7910	Smith's Barley Feed, Red Tag Brand ..	Norwalk: Libner Grain Co., Inc.	8.90	15.13	13.00	4.50	2.00	11.47	14.00
The Smith Meal Co., Inc., Amagansett, N. Y.									
7671	Smith's Lifeline Fish Meal	Shelton: Wolf Savitsky & Sons, Inc.	6.30	60.69	55.00	14.91	5.00	0.13	3.00
South Windsor Grain Co., So. Windsor, Conn.									
7487	Valley Laying Mash	So. Windsor: South Windsor Grain Co.	11.67	21.50	20.00	4.61	4.00	6.68	8.50
Southern Fruit Distributors, Inc., Orlando, Fla.									
7955	Bluebird Sugar Sweet Dried Citrus Pulp	Derby: Derby Feed Store	11.09	6.50	6.00	3.67	4.00	11.96	14.00
Soya Processing Co., Wooster, Ohio									
5487	Wooster Brand Solvent Extracted Soybean Oil Meal	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	12.18	46.63	44.00	1.94	0.50	4.47	7.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
7404	Sperti Foods, Inc., Hoboken, N. J. Sperti Dried Brewery Yeast, Type No. 1	Manchester: Central Conn. Co-op Farmers' Assoc., Inc.	8.87	47.88	46.70	0.31	0.50	4.61	3.20
7574	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed	Plantsville: C. A. Cowles, Inc. ...	10.32	25.50	23.00	2.24	1.50	6.08	8.00
5993	Staley's 41% Protein Expeller Soybean Oil Meal	Pawcatuck: The C. W. Campbell Co.	12.55	43.75	41.00	3.78	3.50	6.21	7.00
5989	Staley's 44% Protein Extracted Soybean Oil Meal	Pawcatuck: The C. W. Campbell Co.	11.35	45.44	44.00	1.02	0.50	5.90	7.00
7618	Staley's 44% Protein Extracted Soybean Oil Meal	Torrington: Litchfield County Co-op Assoc., Inc.	12.48	43.94	44.00	0.53	0.50	6.26	7.00
7623	Staley Milling Co., Kansas City, Mo. Hi-Power Hominy Feed	Torrington: Washington Supply Co., Inc.	12.08	10.06	10.00	6.52	5.00	3.46	7.00
7801	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Intermediate Chick Feed ...	New Britain: Wm. Cohen, Inc. ...	14.09	9.75	9.00	3.38	2.00	2.89	5.00
7567	Su-Pur Growing Mash	Oakville: C. A. Stone	12.32	20.88	20.00	3.17	3.00	5.67	7.50
7568	Su-Pur Horse and Calf Feed	Oakville: C. A. Stone	13.07	8.25	9.00	2.83	2.50	8.84	12.00
7510	Su-Pur Rabbit Pellets	Colchester: P. Cutler, Inc.	12.15	18.31	17.00	3.34	3.00	7.06	8.50
7569	Su-Pur Turkey Growing Mash	Oakville: C. A. Stone	11.36	22.75	22.00	3.59	4.00	5.66	6.00
5819	Zip Egg Mash	Derby: Derby Feed Store	9.94	18.38	18.00	4.28	3.00	6.00	6.00

	Stock-Gro, Inc., Chicago, Ill.									
8022	Simmons Stock-Gro	Oneco: F. C. Whitford	25.12	9.19	9.00	1.24	0.50	.....	.....
	Sunny Slope Farms, Inc., Nazareth, Pa.									
8341	Sunny Slope Farms Brand Dehydrated Alfalfa Meal	Guilford: Fred C. Morse & Son	7.40	17.75	17.00	2.76	2.00	22.23	27.00	
	Sunshine Biscuits, Inc., Kansas City, Kan.									
5465	U. M. C. Wheat Bran—Pure Wheat Bran	Plantsville: C. A. Cowles, Inc. . .	14.45	16.50	14.50	3.96	3.75	10.97	10.00	
	Swift & Co., Chicago, Ill.									
7505	Swift's 42% Protein Soybean Oil Meal	Colchester: P. Cutler, Inc.	11.41	42.50	42.00	5.56	3.50	5.79	7.00	
	Thomaston Supply Co., Inc., Thomaston, Conn.									
8304	Thomaston Dairy Ration	Thomaston: Thomaston Supply Co., Inc.	7.79	21.38	18.00	4.74	4.00	6.50	9.00	
7561	Thomaston Egg Mash	Thomaston: Thomaston Supply Co., Inc.	11.11	20.50	20.00	4.33	4.00	6.20	8.00	
8302	Thomaston Growing Mash	Thomaston: Thomaston Supply Co., Inc.	10.42	20.50	20.00	3.89	3.50	5.47	6.00	
7551	Thomaston Starter and Broiler Mash ..	Thomaston: Thomaston Supply Co., Inc.	13.31	20.50	20.00	4.07	4.00	3.52	4.50	
7560	Thomaston Stock Feed	Thomaston: Thomaston Supply Co., Inc.	11.11	15.88	15.00	4.24	5.00	7.46	9.00	
	Union Sales Co., Dist. for Union Starch & Refining Co., Columbus, Ind.									
5854	Union Corn Gluten Feed	Norwich: The A. E. Shedd Co. . .	10.95	25.00	23.00	2.32	2.00	7.67	8.50	
	United Co-operative Farmers, Inc., Fitchburg, Mass.									
8389	U. C. F. All Mash Grower and Layer ..	Danielson: United Co-op Farm- ers', Inc.	9.76	17.56	15.00	3.31	3.00	5.78	8.00	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	United Co-operative Farmers, Inc.,—Cont. Fitchburg, Mass.								
8008	U. C. F. Breeder	Moosup: United Co-op Farmers', Inc.	10.51	20.88	20.00	4.00	3.00	4.90	8.00
8002	U. C. F. Calf Starter	Moosup: United Co-op Farmers', Inc.	11.64	20.38	20.00	3.47	3.00	5.08	6.00
8000	U. C. F. Calving Ration	Moosup: United Co-op Farmers', Inc.	12.32	13.63	11.00	3.78	2.00	12.25	16.00
7999	U. C. F. 16% Dairy	Moosup: United Co-op Farmers', Inc.	10.62	16.06	16.00	4.06	3.50	6.82	9.00
7924	U. C. F. Egg Mash	Danielson: United Co-op Farmers', Inc.	10.51	19.06	18.00	3.61	3.00	5.67	8.00
7923	U. C. F. Fitting Ration	Danielson: United Co-op Farmers', Inc.	11.63	14.75	14.00	4.08	3.00	6.80	10.00
8390	U. C. F. Grower	Danielson: United Co-op Farmers', Inc.	10.10	18.00	18.00	4.79	3.00	5.36	8.00
8403	U. C. F. Horse Feed	Danielson: United Co-op Farmers', Inc.	11.56	11.06	9.00	3.01	3.00	4.56	9.00
8404	U. C. F. Layer	Danielson: United Co-op Farmers', Inc.	10.86	21.56	20.00	3.36	3.00	5.00	8.00
7998	U. C. F. Milkmaker	Moosup: United Co-op Farmers', Inc.	11.24	18.31	18.00	4.59	3.50	6.62	9.00
8405	U. C. F. Pig and Hog Feed	Danielson: United Co-op Farmers', Inc.	10.06	21.50	20.00	3.35	3.00	5.66	7.00
8007	U. C. F. Starter	Moosup: United Co-op Farmers', Inc.	11.01	22.06	20.00	3.26	3.00	4.44	7.00

7925	U. C. F. 16% Super Dairy	Danielson: United Co-op Farmers', Inc.	10.69	15.88	16.00	4.80	3.50	6.41	9.00
8001	U. C. F. Super Starter	Moosup: United Co-op Farmers', Inc.	11.25	20.38	20.00	3.60	3.00	3.07	4.00
7921	U. C. F. Turkey Finisher (Pelleted) ...	Danielson: United Co-op Farmers', Inc.	11.26	18.13	16.00	4.30	3.00	4.05	6.00
7922	U. C. F. Turkey Grower	Danielson: United Co-op Farmers', Inc.	11.38	22.88	20.00	3.17	3.00	3.48	6.00
United States Alfalfa Products Co., Verdon, Neb.									
8325	Alfalfa Pellets	New London: Harbor Grain Co.	6.50	16.31	13.00	1.45	1.50	32.15	33.00
Unity Feeds, Inc., Boston, Mass.									
7908	Unity Calf Starter—Complete	Fairfield: Fairfield Grain & Seed Co.	8.83	21.56	18.00	3.34	4.00	4.26	6.00
8275	Unity Calving Ration	Putnam: Putnam Farmers' Co-op Assoc., Inc.	10.41	15.38	14.00	4.36	4.00	8.55	10.00
7909	Unity Chick Scratch Feed	Fairfield: Fairfield Grain & Seed Co.	9.86	10.63	10.00	3.63	2.50	1.48	3.00
7488	Unity Complete Growing Mash	So. Windsor: South Windsor Grain Co.	12.16	16.63	15.00	4.00	3.00	6.32	7.00
8408	Unity Complete Rabbit Pellets	W. Willington: Hansen's Store ..	10.57	18.75	16.00	4.10	3.00	8.69	20.00
8273	Unity 14% Dairy Fitting Ration	Putnam: Putnam Farmers' Co-op Assoc., Inc.	11.41	16.31	14.00	3.82	3.50	5.72	8.00
7765	Unity 16% Dairy Ration	W. Willington: Hansen's Store ..	12.00	16.44	16.00	3.93	4.00	7.00	10.00
7764	Unity Growing Mash	W. Willington: Hansen's Store ..	11.62	18.63	18.00	3.97	3.00	5.94	7.00
7877	Unity Horse Feed	Fairfield: Fairfield Grain & Seed Co.	10.09	12.50	10.00	3.69	3.00	7.91	9.00
5743	Unity Laying Mash	Fairfield: Fairfield Grain & Seed Co.	11.55	22.19	20.00	3.99	3.00	6.71	7.00
8270	Unity Pig and Hog Ration	Putnam: Putnam Farmers' Co-op Assoc., Inc.	11.06	18.31	17.00	3.50	3.00	6.38	6.00
7492	Unity Poultry Fitting Ration	So. Windsor: South Windsor Grain Co.	14.03	13.25	12.00	2.97	3.00	5.97	8.00
7668	Unity Scratch Feed	Thompsonville: John Williams Hatchery	14.36	11.75	10.00	2.55	2.50	3.64	5.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Unity Feeds, Inc.,—Cont. Boston, Mass.								
8409	Unity Stock Feed	W. Willington: Hansen's Store ..	10.61	10.13	8.50	4.71	4.00	5.12	12.00
7669	Unity Super Ration	Thompsonville: John Williams Hatchery	12.21	22.31	20.00	3.68	4.00	2.90	3.50
7667	Unity Super-Gro Ration	Thompsonville: John Williams Hatchery	12.72	19.31	17.00	3.08	3.00	2.81	3.50
7489	Unity Tri-Way Mash	So. Windsor: South Windsor Grain Co.	11.22	19.75	20.00	3.56	3.00	5.21	6.00
7876	Unity Turkey and Game Bird Growing Mash	Fairfield: Fairfield Grain & Seed Co.	9.15	22.94	20.00	4.31	3.00	3.90	8.00
	Universal Grain Co. of N. J. Newark, N. J.								
7375	Superior Cow Brand Dried Brewers Grains	Guilford: Fred C. Morse & Son ..	8.42	30.81	26.00	6.07	6.00	11.81	17.00
	The Van Iderstine Co., Long Island City, N. Y.								
7602	Vico Steamed Bone Meal	Storrs: University of Connecticut	5.31	15.81	5.00	6.99	0.50	0.00	3.00
	Victory Mills, Ltd., Toronto, Ont., Canada								
5825	Soybean Oil Meal—"Veeline" Brand ...	Shelton: Wolf Savitsky & Sons, Inc.	9.59	47.88	44.00	1.60	0.50	4.49	7.00
	The Watertown Co-op Assoc., Inc., Watertown, Conn.								
7545	Broiler Mash	Watertown: The Watertown Co-op Assoc., Inc.	12.61	20.50	20.00	4.29	4.00	3.74	6.00

7547	Storrs' Formula Calf Ration	Watertown: The Watertown Co- op Assoc., Inc.	13.78	14.50	14.00	3.77	4.00	7.29	9.00
5461	Storrs' Formula Chick Starter	Watertown: The Watertown Co- op Assoc., Inc.	10.35	21.63	19.00	4.69	4.00	5.33	7.00
8375	Storrs' Formula Growing Mash	Watertown: The Watertown Co- op Assoc., Inc.	9.94	20.25	17.00	4.71	4.00	6.11	7.00
7548	Storrs' Formula Laying Mash	Watertown: The Watertown Co- op Assoc., Inc.	11.82	22.06	18.00	4.58	4.00	6.05	7.00
8376	Storrs' 16% Pasture Ration	Watertown: The Watertown Co- op Assoc., Inc.	10.86	18.75	16.00	4.30	4.00	5.44	9.00
8377	Storrs' Standard 20% Ration	Watertown: The Watertown Co- op Assoc., Inc.	10.87	21.56	20.00	4.65	4.50	6.81	9.00
7543	Turkey Growing Mash	Watertown: The Watertown Co- op Assoc., Inc.	11.79	19.31	21.00	4.53	4.00	6.22	8.00
The Weber Flour Mills Co., Salina, Kan.									
5618	Weber's Wheat Bran and Ground Wheat Screenings	Meriden: The Meriden Grain & Coal Co.	11.76	16.63	14.50	3.76	3.50	9.39	11.00
H. K. Webster Co., Lawrence, Mass.									
7626	Blue Seal All-Mash Egg Ration	Torrington: Washington Supply Co., Inc.	12.18	15.63	15.00	3.63	3.50	5.66	6.50
7606	Blue Seal Breeders Mash	Storrs: University of Connecticut So. Norwalk: The Roodner Feed Co., Inc.	11.01	21.75	20.00	4.03	3.50	5.65	7.00
5736	Blue Seal Calf Grower	Old Mystic: James Baker	11.87	14.38	12.00	3.95	3.00	8.62	12.00
8104	Blue Seal Calf Starter	Branford: S. V. Osborn Est.	12.96	18.63	19.00	3.96	3.50	6.43	7.50
5894	Blue Seal Chick Feed	Middletown: P. Levson & Son ..	12.03	10.81	10.00	2.56	2.50	2.09	4.00
5945	Blue Seal Coarse "16" Dairy Ration ..	So. Norwalk: The Roodner Feed Co., Inc.	11.76	16.63	16.00	4.22	3.50	7.66	9.00
5737	Blue Seal Coarse "20" Dairy Ration ..		12.29	21.63	20.00	4.20	3.50	6.91	9.00
8039	Blue Seal Economizer "16" Dairy Ra- tion	Old Mystic: James Baker	10.91	19.88	16.00	4.06	3.00	5.13	15.00
5892	Blue Seal Egg Mash	Branford: S. V. Osborn Est.	10.10	23.56	20.00	4.05	3.50	5.29	7.00
7516	Blue Seal Fattening Pellets	Colchester: Einhorn's Grain Store ..	13.34	16.44	14.00	3.73	3.50	5.15	6.50
7442	Blue Seal Fine "20" Dairy Ration	Unionville: Lawton & Miner Co.	10.87	21.44	20.00	4.85	3.50	7.25	9.00
7517	Blue Seal Fitting Ration	Colchester: Einhorn's Grain Store ..	14.48	13.88	14.00	3.61	3.50	6.99	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	H. K. Webster Co.,—Cont. Lawrence, Mass.								
8345	Blue Seal Goat Feed	Jewett City: Jewett City Farmers' Exchange	10.92	17.31	16.00	3.84	3.50	7.38	9.00
5947	Blue Seal Growing Mash	Middletown: P. Levson & Son ..	10.59	21.25	18.00	4.08	3.50	5.83	7.00
5891	Blue Seal Horse Feed	Branford: S. V. Osborn Est.	12.74	10.38	10.00	3.92	3.00	5.16	9.00
7443	Blue Seal Pig Feed	Unionville: Lawton & Miner Co. ..	11.34	15.50	15.00	5.12	3.00	5.05	6.00
8040	Blue Seal Poultry and Turkey Fitting	Old Mystic: James Baker	13.62	12.13	12.00	2.93	2.50	4.51	6.00
5893	Blue Seal Rabbit Pellets	Branford: S. V. Osborn Est.	10.96	19.94	20.00	4.59	3.00	10.56	12.00
8316	Blue Seal Stock Feed	Middletown: P. Levson & Son ..	7.31	11.19	8.50	3.85	3.00	12.00	17.00
7591	Blue Seal Succulent Feed and Calving Ration	So. Coventry: E. W. Latimer	12.04	15.50	12.00	2.82	1.50	12.20	18.00
5946	Blue Seal Super Mash	Middletown: P. Levson & Son ..	10.93	22.06	20.00	4.58	4.00	3.59	4.00
5734	Blue Seal Super Starter and Broiler ..	So. Norwalk: The Roodner Feed Co., Inc.	11.69	22.13	20.00	4.19	4.00	3.19	4.00
5735	Blue Seal Turkey Growing	So. Norwalk: The Roodner Feed Co., Inc.	12.40	21.75	20.00	3.88	3.50	5.62	7.00
	Western Condensing Co., Appleton, Wis.								
8117	Peebles' Calf-Kit	Pawcatuck: The C. W. Campbell Co.	9.56	18.25	16.00	0.55	0.50	0.08	0.40
	West-Nesbitt, Inc., Oneonta, N. Y.								
8016	All Pure Milk Ration	Bristol: Farmers' Feed & Supply Co.	10.94	21.63	20.00	3.91	4.00	7.49	10.00
7596	Pure Feed Broiler Mash	Mansfield Depot: G. Merritt Thompson	12.34	20.31	20.00	4.18	4.00	5.38	6.00
8015	Pure Feed Calf Meal	Bristol: Farmers' Feed & Supply Co.	10.39	24.50	22.00	4.67	4.00	6.36	7.50

5788	Pure Feed Chick Grains	Bristol: Farmers' Feed & Supply Co.	13.33	9.44	10.00	2.90	2.50	1.47	3.00
8013	Pure Feed Chick Grains	Bristol: Farmers' Feed & Supply Co.	13.13	9.00	10.00	2.76	2.50	1.03	3.00
8010	Pure Feed Complete Rabbit Pellets ..	Southington: Louis Perillo Coal Co.	9.34	17.13	16.00	3.01	3.00	11.52	15.00
8017	Pure Feed Connecticut Broiler Ration	Bristol: Farmers' Feed & Supply Co.	11.03	22.19	20.00	4.39	4.00	3.46	3.50
5593	Pure Feed 16% Dairy Ration	Wallingford: L & H Feed Co.	11.00	18.38	16.00	4.53	4.00	9.03	10.00
8012	Pure Feed 20% Dairy Ration	Bristol: Farmers' Feed & Supply Co.	10.39	21.19	20.00	3.65	4.00	8.01	10.00
5594	Pure Feed Dairy-Test Ration	Wallingford: L & H Feed Co.	11.75	19.38	18.00	4.16	4.00	6.99	8.50
7599	Pure Feed Egg and Breeder Mash	Mansfield Depot: G. Merritt Thompson	11.54	21.63	20.00	3.78	3.00	6.47	7.50
7600	Pure Feed Egg Maker	Mansfield Depot: G. Merritt Thompson	11.24	20.44	18.00	3.82	3.00	7.30	8.50
8011	Pure Feed 14% Fitting Ration	Bristol: Farmers' Feed & Supply Co.	11.27	17.56	14.00	4.21	4.00	7.50	8.50
8009	Pure Feed Growing Mash	Southington: Louis Perillo Coal Co.	10.41	18.00	16.00	3.47	3.00	7.55	8.00
7598	Pure Feed High Energy Broiler	Mansfield Depot: G. Merritt Thompson	11.84	21.44	20.00	4.16	4.00	4.04	4.50
5789	Pure Feed Horse Ration	Bristol: Farmers' Feed & Supply Co.	13.19	12.19	9.00	3.92	3.00	7.06	11.00
8019	Pure Feed 28% Mixing Ration	Bristol: Farmers' Feed & Supply Co.	11.50	29.50	28.00	2.97	4.00	6.12	8.00
5746	Pure Feed Starting Mash	Bristol: Farmers' Feed & Supply Co.	12.20	22.75	22.00	4.68	4.00	5.46	6.00
7595	Pure Feed Swine Ration	Mansfield Depot: G. Merritt Thompson	11.89	18.69	18.00	3.69	3.50	6.32	8.00
8018	Pure Feed Turkey Finisher	Bristol: Farmers' Feed & Supply Co.	11.32	18.25	16.00	4.28	3.00	6.31	8.50
7920	Pure Feed Turkey Grower	Brooklyn: A. D. Pierce	10.94	21.88	20.00	3.33	3.00	6.35	7.50
8014	Pure Feed Turkey Starter	Bristol: Farmers' Feed & Supply Co.	10.96	25.88	25.00	3.93	3.00	6.09	7.00
	Almont C. Wetherell, Suffield, Conn.								
7691	No. 3 Dairy Ration	Suffield: Almont C. Wetherell .	12.88	18.00	16.00	4.30	3.50	7.62	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1951—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
7565	Whitnoyer Laboratories, Inc., Myerstown, Pa. Clo-Meal	Thomaston: Thomaston Supply Co., Inc.	8.41	43.13	40.00	26.56	10.00	1.66	3.75
8466	Wilkins-Rogers Milling Co., Inc., Washington, D. C. Red Raven Horse Feed	Hartford: D. Rudin, Inc.	8.49	9.50	9.00	3.47	2.50	8.27	11.00
7950	Washington Egg Mash	Hartford: D. Rudin, Inc.	10.11	22.63	20.00	4.61	3.50	5.45	8.00
7951	Washington Scratch Feed	Hartford: D. Rudin, Inc.	13.46	10.25	10.00	2.89	2.50	2.94	4.00
7968	The Yantic Grain & Products Co., Norwich, Conn. Big Y All-in-All Egg Ration	Union City: Naugatuck Grain Co.	10.60	15.63	15.00	4.35	3.00	6.23	7.00
7635	Big Y All-in-All Growing Ration	New Milford: Big Y Feed Store . . .	11.63	16.25	16.00	3.47	3.00	6.24	7.00
5831	Big Y Breeder Mash	Norwich: The Yantic Grain & Products Co.	10.81	20.38	20.00	4.09	3.50	5.67	7.50
5875	Big Y Calf Ration	Mt. Carmel: Hamden Grain Co.	11.13	12.88	12.00	3.96	3.00	6.22	8.00
8182	Big Y Chick Scratch Grains	Stepney: Big Y Feed Store	10.98	11.25	10.00	2.40	2.00	1.79	4.00
5832	Big Y Chick Starter	Norwich: The Yantic Grain & Products Co.	10.48	24.25	20.00	3.78	4.00	5.98	6.50
7634	Big Y Complete Calf Starter and Builder	New Milford: Big Y Feed Store	12.29	18.25	18.00	3.48	3.00	6.27	7.50
5695	Big Y Dairy and Fitting Ration	New London: Harbor Grain Co.	11.37	15.25	14.00	4.02	4.00	8.00	9.00
5876	Big Y Dairy and Fitting Ration	Mt. Carmel: Hamden Grain Co.	10.27	16.06	14.00	4.62	4.00	8.90	9.00
7967	Big Y 16% Dairy Ration	Union City: Naugatuck Grain Co.	11.48	17.13	16.00	4.72	4.00	6.94	8.50
7780	Big Y 18% Dairy Ration	Abington: Abington Grain Co.	10.74	18.75	18.00	4.34	4.00	7.86	8.00
7478	Big Y 20% Dairy Ration	Willimantic: Boston Grain Co. . .	12.55	21.13	20.00	3.71	4.00	7.65	8.00
7782	Big Y 32% Dairy Supplement Feed ..	Abington: Abington Grain Co. . .	9.36	34.00	32.00	3.20	5.00	6.27	8.00

8434	Big Y Egg Maker	Norwich: The Yantic Grain & Products Co.	10.37	20.63	20.00	4.29	3.00	6.06	7.50
7438	Big Y Hi-G Dairy Ration	Simsbury: Big Y Feed Co.	9.86	19.38	16.00	3.38	3.00	10.35	14.00
7688	Big Y Hog and Pig Ration	Thompsonville: Big Y Feed Store	12.07	17.63	17.00	4.07	3.50	7.91	8.00
5685	Big Y Horse Feed	New London: Harbor Grain Co.	12.74	10.06	9.00	3.51	2.00	6.69	9.00
7781	Big Y Improved Broiler Finisher	Abington: Abington Grain Co. .	11.30	18.38	18.00	3.52	3.50	3.77	4.50
5684	Big Y Improved Broiler and Starter Ration	New London: Harbor Grain Co.	12.07	23.31	22.00	4.42	3.00	3.51	4.00
8188	Big Y Improved Laying Mash	Danbury: Big Y Feed Store . . .	9.44	20.63	20.00	3.49	3.00	4.25	5.00
5830	Big Y Improved Turkey Starter and Game Bird Feed	Norwich: The Yantic Grain & Products Co.	12.00	26.25	26.00	3.58	3.50	4.28	5.00
7969	Big Y Inter-Gro Ration	Union City: Naugatuck Grain Co.	10.91	18.50	18.00	3.66	3.00	4.79	6.00
5696	Big Y 20% Laying Mash	New London: Harbor Grain Co.	12.11	21.13	20.00	3.46	3.00	6.16	7.00
5877	Big Y M & O Growing Feed	Mt. Carmel: Hamden Grain Co.	10.58	18.63	18.00	3.43	3.00	5.40	5.50
7479	Big Y M & O Laying Mash	Willimantic: Boston Grain Co. .	11.71	18.69	18.00	3.26	3.00	5.74	7.00
7687	Big Y Meat Pullet and Capon Ration	Thompsonville: Big Y Feed Store	11.94	20.63	20.00	4.43	3.00	3.93	5.00
8190	Big Y Milk Maker—20%	Danbury: Big Y Feed Store . . .	8.61	20.63	20.00	3.54	3.00	7.27	9.00
8465	Big Y Pigeon Feed	Canaan: Canaan Feed Co.	9.99	13.13	11.00	3.15	2.50	2.75	5.00
7437	Big Y Progressive Growing Feed	Simsbury: Big Y Feed Co.	11.64	17.63	17.00	3.16	3.50	5.43	7.00
7628	Big Y Purity Dairy—16%	New Milford: Big Y Feed Store .	12.02	17.69	16.00	3.28	3.50	7.91	9.00
5878	Big Y Rabbit Pellets	Mt. Carmel: Hamden Grain Co.	10.24	18.38	16.00	3.78	3.00	9.58	9.00
8183	Big Y Scratch Feed	Stepney: Big Y Feed Store . . .	11.36	11.50	9.00	2.86	2.00	3.76	5.00
7633	Big Y Stock Feed	New Milford: Big Y Feed Store .	11.73	11.81	9.00	3.88	2.50	8.24	15.00
5834	Big Y Super Starter-Broiler Ration	Norwich: The Yantic Grain & Products Co.	11.48	21.88	20.00	3.88	3.00	3.56	4.00
8189	Big Y Turkey Fattener	Danbury: Big Y Feed Store . . .	9.63	17.75	17.00	3.51	3.50	5.08	7.00
7862	Big Y Turkey Finisher	Norwich: The Yantic Grain & Products Co.	12.32	11.50	10.00	3.21	3.00	5.13	7.00
8184	Big Y Turkey Growing Feed	Stepney: Big Y Feed Store . . .	9.54	21.00	20.00	3.01	3.00	5.32	6.50
8464	Improved Al-Mo	Canaan: Canaan Feed Co.	7.44	15.50	10.00	3.13	1.50	12.08	20.00
7477	Hi-Efficiency Breeder Ration	Willimantic: Boston Grain Co. .	12.70	18.00	15.00	3.60	3.00	3.23	5.00
5833	Hi-Efficiency Laying Mash	Norwich: The Yantic Grain & Products Co.	10.96	18.25	15.00	3.73	3.00	3.34	5.00
7689	Hi-G Scratch Feed	Thompsonville: Big Y Feed Store	14.15	10.75	10.00	2.82	2.00	4.42	5.00
7433	Premier Wheat Shorts	Simsbury: Big Y Feed Co.	13.34	17.88	16.00	5.36	5.00	6.15	8.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION 1951—Concluded

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist- ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
	Yieldmor Feeds, Inc., Piqua, Ohio								
7949	David Small's Breeder Mash	E. Hartford: David Small	11.69	20.38	20.00	3.64	3.00	4.83	5.00
7948	David Small's Fleshing Pellets	E. Hartford: David Small	11.54	16.25	14.00	4.02	3.00	3.96	5.00
	Meyer Zausner, Inc., New Holland, Pa.								
8023	Zausner Condensed Whey Feed	Moosup: United Co-op Farmers', Inc.	31.05	9.06	8.50	1.02	0.50	.....	.....

TABLE 2. VITAMIN D CARRIERS

Manufacturer	Brand name and D unitage	Place, date of sampling and control number	Number of samples tested	Satisfactory
The Borden Co., New York, N. Y.	Borden's Ration-Ayd for Poultry Mash 175	Pawcatuck, 4/6, 28504; 5/17, 6014; 10/5, 21214	3	3
	Borden's VamPros Accessory Feed for Poultry	Pawcatuck, 4/6, 35094	1	1
Coastal Laboratories, Inc., South Toms River, N. J. ...	Super-Tonic Vitamin A & D Oil Emulsion 300	Norwalk, 9/13, 217	1	1
Consolidated Products Co., Danville, Ill.	Semi-Solid "E" Emulsion—For Self Feeding	New Haven, 2/15	1	1
Dawe's Products Co., Chicago, Ill.	Dawe's Sterol D ₃ 1500 Flavonne Ribo-D 40	Manchester, 2/13, 10265; 9/19, 7363 Guilford, 2/5, N 12382, N 12268, N 12243, N 12246, N 12430; Middle- town, 4/3, 209041, 209039, 209035, 207183	2	2
E. I. du Pont de Nemours & Co., Wilmington, Del.	Du Pont Delsterol 3000-D "D"-Activated Ani- mal Sterol (Vitamin D ₃) in Corn Meal	Norwich, 3/27; 9/12	2	2
Eastern States Farmers' Ex- change, Inc., West Springfield, Mass ...	Vitamin A & D Feeding Oil 300	Norwich, 9/12, FO 5515	1	1
The Fox Co., Newfield, N. J.	Foxco Dependable Dry 1500 D	Norwalk, 9/13	1	1
	Foxco Qualadee A & D Feeding Oil 85	Derby, 3/26, 102750	1	1
	Foxco Qualadee A & D Feeding Oil 300	New Haven, 2/6, 102450; Thomaston, 2/6, 101850, 10/23, 92051; Water- town, 8/15, 8251	4	4
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass	Gorton's Al-Fish Blend "Junior" 13	Seymour, 2/19; Plantsville, 8/16	2	2
	Gorton's Vitamin "A" & "D" Feeding Oil 300	Dayville, 9/19, 1-B-8-Z	1	1

Analyses

TABLE 2. VITAMIN D CARRIERS—Concluded

Manufacturer	Brand name and D unitage	Place, date of sampling and control number	Number of samples tested	Satisfactory
Marden-Wild Corp., Somerville, Mass.	Marden's Poultry Feeding Cod Liver Oil 150D/1500A	Danielson, 9/19, 343-282	1	1
	Marden's Vitamin A & D Feeding Oil 300D/1500A	Manchester, 2/13, 356-288; 9/19, 375-307	2	2
McKesson & Robbins, Inc., New York, N. Y.	Peder Devold Cod Liver Oil USP Destearinated 85	Norwalk, 3/15, O-M-56	1	1
Nopco Chemical Co., Harrison, N. J.	Nopco X Vitamin A & D Feeding Oil 300	Watertown, 2/6, 441-3	1	1
Silmo Chemical Corp., Vineland, N. J.	Silmo 75-D Oil	Shelton, 5/18, 463½, 412½	1	1
	Silmo Vitamin A & D Feeding Oil 300	Seymour, 5/18, 42-D-A-36; Shelton, 10/9, 32DA30	2	2
	Silmo X Vitamin A & D Feeding Oil 300	Norwalk, 3/15, 41DA25; So. Coventry, 8/24, 31DA9	2	2
	Vit-AD-1500	Seymour, 5/18, 208	1	1
	Vit-D-1500	Seymour, 5/18, 2037; 10/23, 2040	2	2
Vitaron Chemical Mfg. Co., Brooklyn, N. Y.	Fortified Cod Liver Oil 75	Fairfield, 12/12, 2450; 9/13, 2875	2	2
	Fortified Cod Liver Oil 300	No. Franklin, 8/13, 2741	1	1
Whitmoyer Laboratories, Inc., Myerstown, Pa.	Dri-Col 300D-1000A	Bridgeport, 9/13, 71851	1	1
	Dri-Col 1500 D	Derby, 3/26, 12351	1	1
	Whitcod Cod Liver Oil Concentrate 300	Thomaston, 10/23, 101551	1	1
	Whitcod Pure Cod Liver Oil USP Non Destearinated 150	Willimantic, 7/31, 41351; Danielson, 9/19, 103150	2	2
	Whitmoyer Feeding Oil 85	Ansonia, 9/24, 73051	1	1
	Whitmoyer Quality Vitamin A & D Feeding Oil 300	Plantsville, 2/6, 10350	1	1

TABLE 3. ANALYSES OF SULFAQUINOXALINE FEEDS, 1951

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent	
			Guaranteed	Found
	The Beacon Milling Co., Inc., Cayuga, N. Y.			
W.S. -205	Beacon Sulfaquinoxaline Mixture in Beacon Complete Starter	Glenbrook: F. Policastro	0.0125	0.0088
	Chas. M. Cox Co., Boston, Mass.			
W.S. -230	Wirthmore Sulfaquinoxaline Mixture in Wirthmore Complete Growing Ration	Danbury: Benjamin Grain Co.	0.0125	0.0130
W.S. -241	Same Brand	Middlefield: Middlefield Grain Co.	0.0125	0.0104
W.S. -207	Wirthmore Sulfaquinoxaline Mixture in Wirthmore Hi-Ener-G Starter & Broiler Ration	Meriden: H. Grulich	0.0125	0.0098
W.S. -208	Same Brand	Meriden: H. Grulich	0.0125	0.0114
W.S. -218	Same Brand	Milford: Milford Grain Co.	0.0125	0.0111
W.S. -227	Same Brand	Noroton: Davis Grain Co.	0.0125	0.0101
W.S. -259	Same Brand	Branford: Osborn Grain Co.	0.0125	0.0035
W.S. -215	Wirthmore Sulfaquinoxaline Mixture in Wirthmore Starter & Broiler Ration	New Haven: R. G. Davis & Sons, Inc.	0.0125	0.0118
W.S. -228	Same Brand	Noroton: Davis Grain Co.	0.0125	0.0121
W.S. -240	Same Brand	Middlefield: Middlefield Grain Co.	0.0125	0.0114
W.S. -229	Wirthmore Sulfaquinoxaline 0.1% Poultry Mash Base	Danbury: Benjamin Grain Co.	0.10	0.0695
W.S. -253	Same Brand	Colchester: L. Broder	0.10	0.0805
W.S. -216	Wirthmore Sulfaquinoxaline 0.1% Starter & Broiler	New Haven: R. G. Davis & Sons, Inc.	0.10	0.0867
W.S. -217	Same Brand	New Haven: R. G. Davis & Sons, Inc.	0.10	0.0830
	Derby Feed Store, Derby, Conn.			
W.S. -203	Litsky's Sulfaquinoxaline Mixture in Litsky's Starter & Broiler Mash	Derby: Derby Feed Store	0.0125	0.0101
W.S. -204	Same Brand	Derby: Derby Feed Store	0.0125	0.0100

Analyses

TABLE 3. ANALYSES OF SULFAQUINOXALINE FEEDS, 1951—Concluded

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent	
			Guaranteed	Found
	John W. Eshelman & Sons, Lancaster, Pa.			
W.S. -209	Eshelman's Sulfaquinoxaline Mixture with Red Rose Hi-Lo Broiler Ration	Meriden: Meriden Grain Co.	0.0125	0.0130
W.S. -210	Same Brand	Meriden: Meriden Grain Co.	0.0125	0.0148
W.S. -206	Eshelman's Sulfaquinoxaline Mixture with Red Rose Starter & Grower	Cos Cob: Belmont Feed Co.	0.0125	0.0115
	Meech & Stoddard, Inc., Middletown, Conn.			
W.S. -235	Special Balance Sulfaquinoxaline Mixture with Starter & Broiler	Middletown: Meech & Stoddard, Inc.	0.0125	0.0101
W.S. -236	Same Brand	Middletown: Meech & Stoddard, Inc.	0.0125	0.0105
W.S. -237	Special Balance Sulfaquinoxaline Mixture with Starting Mash	Middletown: Meech & Stoddard, Inc.	0.0125	0.0095
	The Park & Pollard Co., Buffalo, N. Y.			
W.S. -245	Park & Pollard Sulfaquinoxaline Hi Power Broiler Ration	Waterbury: Spencer Grain Co.	0.0125	0.0080
W.S. -254	Park & Pollard Sulfaquinoxaline Lay or Bust Broiler Ration	Colchester: P. Cutler, Inc.	0.0125	0.0090
W.S. -246	Park & Pollard Sulfaquinoxaline Lay or Bust Chick Starter	Waterbury: Spencer Grain Co.	0.0125	0.0074
W.S. -247	Same Brand	Waterbury: Spencer Grain Co.	0.0125	0.0086
W.S. -255	Park & Pollard Sulfaquinoxaline Lay or Bust Growing Feed	Colchester: P. Cutler, Inc.	0.0125	0.0089
W.S. -256	Same Brand	Colchester: P. Cutler, Inc.	0.0125	0.0095
	Ralston Purina Co., St. Louis, Mo.			
W.S. -264	Purina Sulfaquinoxaline Mixture in Purina Broiler Chow	Portland: Valley Mills	0.0125	0.0033
W.S. -265	Same Brand	Portland: Valley Mills	0.0125	0.0039

Wolf Savitsky & Sons, Inc., Shelton, Conn.			
W.S. -201	Wolf's Sulfaquinoxaline Mixture in Hi-Speed Broiler Ration	Shelton: Wolf Savitsky & Sons, Inc.	0.0125 0.0121
W.S. -202	Same Brand	Shelton: Wolf Savitsky & Sons, Inc.	0.0125 0.0110
The Watertown Co-op Assoc., Inc., Watertown, Conn.			
W.S. -248	Watertown Sulfaquinoxaline Broiler Mash	Watertown: Watertown Co-op Assoc., Inc. ..	0.0125 0.0124
W.S. -249	Same Brand	Watertown: Watertown Co-op Assoc., Inc. ..	0.0125 0.0129
W.S. -250	Watertown Sulfaquinoxaline Storrs Formula Chick Starter	Watertown: Watertown Co-op Assoc., Inc. ..	0.0125 0.0107
H. K. Webster Co., Lawrence, Mass.			
W.S. -238	Blue Seal Sulfaquinoxaline Mixture with Super Starter & Broiler Ration	Middletown: P. Levson	0.0125 0.0089
W.S. -239	Same Brand	Middletown: P. Levson	0.0125 0.0091
W.S. -257	Same Brand	Colchester: Einhorn's Grain Store	0.0125 0.0095
W.S. -258	Same Brand	Colchester: Einhorn's Grain Store	0.0125 0.0102
The Yantic Grain & Products Co., Norwich, Conn.			
W.S. -231	Big Y Sulfaquinoxaline Mix Improved Broiler & Starter	Stepney: Big Y Feed Co.	0.0250 0.0175
W.S. -232	Same Brand	Stepney: Big Y Feed Co.	0.0250 0.0177
W.S. -225	Big Y Sulfaquinoxaline Mix Super Starter & Broiler Ration	Danbury: Danbury Big Y	0.0125 0.0100
W.S. -226	Same Brand	Danbury: Danbury Big Y	0.0125 0.0115
W.S. -233	Same Brand	Stepney: Big Y Feed Co.	0.0125 0.0102
W.S. -223	Big Y Sulfaquinoxaline M & O Growing Feed ..	Danbury: Danbury Big Y	0.0125 0.0112
W.S. -224	Same Brand	Danbury: Danbury Big Y	0.0125 0.0105

TABLE 4. ANALYSES OF OTHER MEDICATED FEEDS, 1951

No.	Manufacturer and brand	Retail dealer or purchaser	Per cent of drug	
			Guaranteed	Found
ENHEPTIN FEEDS				
Chas. M. Cox Co., Boston, Mass.				
W.S. -219	Wirthmore Enheptin Blackhead Preventative Turkey Growing Ration	Milford: Milford Grain Co.	0.05	0.0271
W.S. -220	Same Brand	Milford: Milford Grain Co.	0.05	0.0249
W.S. -260	Wirthmore Enheptin Turkey Fattening Ration ..	Branford: Osborn Grain Co.	0.05	0.0000
The Yantic Grain & Products Co., Norwich, Conn.				
W.S. -221	Big Y Yantic Enheptin Turkey Growing Feed, Black Head Preventative	Danbury: Danbury Big Y	0.05	0.0311
W.S. -222	Same Brand	Danbury: Danbury Big Y	0.05	0.0247
NITROPHENIDE FEEDS				
Berkman Grain Co., Lebanon, Conn.				
3833	Nibco Nitrophenide Mixture	Amston: John Reid	0.0125	0.0154
3834	Same Brand	Amston: John Reid	0.0125	0.0146
Chas. M. Cox Co., Boston, Mass.				
W.M.-251	Wirthmore Nitrophenide Plus 2M Broiler Feed Coccidiosis Preventative	Colchester: L. Broder	0.02	0.018
W.M.-252	Same Brand	Colchester: L. Broder	0.02	0.016
Dailey Mills, Inc., Olean, N. Y.				
7257	A Nitrophenide Mixture, Nitrophenide Mixed with Double Diamond Broiler	Wallingford: D. W. Ives	0.0125	0.0067
8367	Same Brand	North Haven: Charles Mantiglia	0.025	0.047

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.				
6302	Pacemaker Eastern States Nitrophenide Mixture ..	Rockville: Carl Eisenhofer	0.0125	0.0115
6644	Same Brand	Hampton: Morton T. Burdick	0.0125	0.0062
6645	Same Brand	Hampton: Morton T. Burdick	0.0125	0.0081
L & H Feed Co., Wallingford, Conn.				
W.S. -211	L & H Nitrophenide Hi Energy Starter	Wallingford: L & H Feed Co.	0.0125	0.0065¹
W.S. -212	Same Brand	Wallingford: L & H Feed Co.	0.0125	0.0065²
W.S. -213	L & H Nitrophenide 1 lb./ton Hi Energy Starter ..	Wallingford: L & H Feed Co.	0.05	0.0060³
W.S. -214	Same Brand	Wallingford: L & H Feed Co.	0.05	0.0030³
6419	L & H Nitrophenide Mixture	Wallingford: L & H Feed Co.	0.0125	0.0180
Fred C. Morse & Son, Guilford, Conn.				
W.S. -262	Old Mill Nitrophenide Connecticut Broiler Mash ..	Guilford: Fred C. Morse & Son	0.0125	0.0000¹
W.S. -261	Old Mill Nitrophenide Growing Mash	Guilford: Fred C. Morse & Son	0.0125	0.0000⁴
W.S. -263	Old Mill Nitrophenide 20% Starting Mash	Guilford: Fred C. Morse & Son	0.0125	0.0010¹

- ¹ Sulfaquinoxaline 0.01 per cent.
² Sulfaquinoxaline 0.0107 per cent.
³ Sulfaquinoxaline 0.03 per cent.
⁴ Sulfaquinoxaline 0.0090 per cent.

Analyses