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June, 1937

COMMERCIAL FEEDING STUFFS
REPORT ON INSPECTION

1936

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

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CONTENTS

The feed law	421
Explanation of terms used in analyses of feeding stuffs	423
Composition of feeding stuffs	423
Guides in enforcement	424
Registrations	426
Inspection	449
Analyses of official samples, Table 1	450
Analyses of dog feeds, Table 2	503
Enlargement of scope of feed control	508
Feed examined for injurious ingredients	509
Index	xvii

REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.

Feeds mixed to the order of the consumer may be sold as "special formulas" and need not be registered. Such must be sold without any private brand names and without analysis. Special formulas sold to others than the consumers for whom they are mixed become regular brands subject to registration and other requirements pertaining thereto.

COMMERCIAL FEEDING STUFFS

REPORT OF INSPECTION

1936

E. M. BAILEY

THE FEED LAW

THE STATUTE relating to concentrated commercial feeding stuffs 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 Dairy and Food Commissioner for rules and regulations for carrying out the provisions of the law.

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

In 1899 a statute regulating the sale of concentrated commercial feeding stuffs was enacted. The Station was charged with the administration of the Act, which provided for proper labelling and for annual inspections and analyses, but which did not require registration. The Dairy and Food Commissioner was made responsible for enforcement of the law and for instituting corrective action upon evidence of violations submitted by the Station.

For many years prior to the enactment of this special law the Station had made analyses of feeds as a part of its regular service to the agriculture of the State.

In 1925 the statute of 1899 was amended to require registration of commercial feeding stuffs with the Station and a registration fee of fifteen dollars (\$15) for each brand so registered.

The essential provisions of the present law and regulations may be briefly summarized.

Note: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilations by Mrs. Vosburgh.

Exemptions. 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, ensilage and all similar materials containing more than 60 percent of water; (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 grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer for his own use.

Under the provision of clause six above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any 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 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; and (5) the separate ingredients of which the feed is composed.

Affixing tags. The use of wire or any metal in affixing tags to feed packages is prohibited by law.

Registration and registration fee. The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

Duties of manufacturers, jobbers and dealers. All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

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.

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feed-

ing stuff, it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 percent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

COMPOSITION OF FEEDING STUFFS

For the average composition of American feeding stuffs, the reader should consult the very comprehensive compilation of Henry and Morrison¹. For convenience a few of the commoner feeding materials are given here, cited from the text mentioned. Except where otherwise indicated, the materials listed may be regarded as containing approximately 10 percent of moisture.

¹ Feeds and Feeding. Henry-Morrison Co., Madison, Wis.

Feed	Protein lbs. per 100 or %	Fat lbs. per 100 or %	Fiber lbs. per 100 or %
Alfalfa meal	14	2	30
Barley	12	2	5
Beet pulp	9	1	19
Bone meal, raw	24	0	..
Brewers grains	27	7	15
“ “ wet, (76% water)	6	2	4
Buckwheat feed	19	5	18
“ “ low grade	13	3	29
Buttermilk dried	35	2	0
“ “ semi-solid	13	3	0
Corn	10	5	2
Corn gluten feed	25	4	7
“ “ meal	36	5	2
Corn and oat feed	10	4	7
Cottonseed meal (choice)	44	9	8
Distillers' grains, (chiefly from corn)	31	12	12
“ “ wet (77% water)	5	2	3
Distillery slop (94% water)	2	1	1
Fish meal	51	8	..
Hominy feed	11	8	4
Linseed meal, O. P.	34	8	8
Malt sprouts	26	2	13
Meat scraps	71	14	0
Oats	12	4	11
Oat feed, low grade	6	2	27
Oat meal (rolled oats)	16	7	2
Rye	12	2	2
Rye feed	15	3	5
Soybean meal	43	7	5
Tankage (60% protein)	60	7	5
“ (40-50% protein)	46	16	3
Wheat	12	2	2
Wheat bran	16	4	10
Wheat standard middlings	17	5	6

GUIDES IN ENFORCEMENT

The Association of American Feed Control Officials has adopted the following resolutions to serve as a guide to state regulatory officials in administering local statutes relating to inspection and merchandising of feeds.¹

1. Resolved that it is the sense of this Association that we understand the term "Nitrogen Free Extract" to cover the product indicated by the percentage obtained by subtracting from 100 percent the sum of the percentages of Ash, Moisture, Protein, Fat and Fiber. (Adopted prior to 1923).

2. Resolved that the term "carbohydrates" be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen free extract. (Adopted prior to 1923).

3. Resolved that it is the sense of this Association that a ton of feed be 2,000 pounds, net. (Adopted prior to 1923).

4. Resolved that this Association go on record as opposing the use of second hand bags unless they are turned wrong side out so that the original stenciling will not be displayed. (Adopted prior to 1923).

¹ Official publication of the Association for 1936.

5. Resolved that this Association go on record to the effect that the term "Cracked Corn" does not apply to degermed cracked corn. (Adopted prior to 1923).

6. Resolved that this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net. (Adopted 1923).

7. Whereas, Linseed Oil Meal is sold more or less on the basis of the protein content, as in the case of cottonseed meal, therefore:

Be it Resolved that the percentage of protein should be prefixed to linseed cake or meal, as is done with cottonseed meal: for example, 31 percent Protein Linseed Meal. (Adopted 1923).

8. Resolved that it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc. (Adopted 1927).

9. Resolved that this Association go on record as condemning the use of the word "vitamin" in a brand name, and as opposing the acceptance of registration of feeds with this word in the brand name. (Adopted 1929).

10. Resolved: (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character and nature of the material or materials.

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words.

(c) That if a descriptive name is used, the material must correspond thereto. (Adopted 1930).

11. Resolved that this Association go on record as disapproving any use of artificial colors in the manufacture of feedstuffs. (Adopted 1931).

12. Resolved that this Association go on record as condemning the use of any contraction of the word "vitamin", or any word suggesting vitamin in a brand name, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution. (Adopted 1932).

13. Resolved that any material sold primarily as a vitamin D supplement for poultry shall be labelled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists, and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936).

14. Resolved that all tentative definitions should not be used until adopted as official, unless specified action of the Association is taken. (Adopted 1933).

15. Resolved that the Association of American Feed Control Officials, Inc., request the cooperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934).

16. Whereas, many States which have adopted the Association's definitions for cottonseed products require that a guarantee of fat and crude fibre content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of fat and crude fibre be recommended:

	Not less than Crude Fat	Not more than Crude Fibre
For 36% Protein Cottonseed Meal.....	4.50%	16.00%
For 41% Protein Cottonseed Meal.....	5.00%	13.00%
For 43% Protein Cottonseed Meal.....	5.25%	12.00%

(Adopted 1934)

17. Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fibre with a minimum guarantee of nitrogen free extract,

Be it Resolved, that the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935)

18. Resolved, that it is the sense of this Association that the word "Food" be not used on any product for animal feeding. (Adopted 1936).

REGISTRATIONS

For the period January 1, 1936, to December 31, 1936

One hundred and eighty-two firms and individuals registered 1,065 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

Albers Bros. Milling Co., Seattle, Wash.

Calf Manna

E. T. Allen Co., Atlanta, Ga.

Empire 41% Protein Cottonseed Meal

Allied Mills, Inc., Chicago, Ill.

Alfalfa Meal

Arab Horse Feed

Brewers' Dried Grains

Empire Egg Mash

Empire Egg Mash with Sardine Oil

Empire 16½% Dairy Ration

Empire 20% Dairy Ration

Empire 24% Dairy Ration

Empire Growing Mash

Empire Growing Mash with Sardine Oil

Empire Scratch Feed

41% Protein Soybean Oil Meal

June Pasture

Pure Corn and Oats Provender

Screened Cracked Corn

Super Soy

Wayne Amco 20% Dairy Ration

Wayne Amco 24% Dairy Ration

Wayne Amco 32% Supplement Dairy Ration

Wayne Amco 12% Fitting Ration

Wayne Breeder Mash

Wayne Broiler Ration

Wayne Calf Meal

Wayne Chick Feed

Allied Mills, Inc., Chicago, Ill.—(Continued)

Wayne Chick Starter

Wayne Egg and Breeder Mash

Wayne Egg and Breeder Mash with Sardine Oil

Wayne Growing Mash

Wayne Growing Mash with Sardine Oil

Wayne Horse Feed

Wayne Intermediate Scratch Feed

Wayne Mash Concentrate

Wayne Mash Concentrate with Sardine Oil

Wayne 26% Mash Supplement

Wayne 26% Mash Supplement with Sardine Oil

Wayne Pig Starter

Wayne Pork Maker

Wayne Poultry Fattener

Wayne Scratch Feed

Wayne Special Scratch Feed

Wayne Starter and Grower

Wayne Starter and Grower with Sardine Oil

Wayne Turkey Growing Mash with Sardine Oil

Wayne Turkey Starting Mash

The American Distilling Co., 412-14 Central Nat'l Bank Bldg., Peoria, Ill.

American Corn Distillers Dried Grains

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

Amazo Sweetened Gluten Feed

Cream of Corn Gluten Feed

Anchor Mills, 67 W. Baltimore St., Hagerstown, Md.

Zip Egg Mash

Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.

Arcady 20% Open Formula Production Ration

Arcady 24% Open Formula Production Ration

Arcady Scratch Grains

Arcady-Wonder Complete All Mash Chick Starter

Arcady-Wonder Complete Broiler Ration

Arcady-Wonder Complete Laying Ration

Arcady-Wonder Growing Mash

Arcady-Wonder Laying Mash

Arcady-Wonderlas

Riverside Scratch Grains

Sunkist Egg Mash

Sunkist Scratch Grains

Wonder Horse and Mule Feed

Wonder Sugared Stock Feed

Archer-Daniels-Midland Co., Minneapolis, Minn.

Dairyland Dried Skim Milk

32 Per Cent Protein Old Process Linseed Meal

34 Per Cent Protein Old Process Linseed Meal

37 Per Cent Protein Old Process Linseed Meal

41 Per Cent Protein Old Process Soybean Meal

44 Per Cent Protein New Process Soybean Oil Meal

Ashcraft-Wilkinson Co., Atlanta, Ga.

Cow-Eta Brand 36% Prime Quality Cottonseed Meal

Cow-Eta Brand 41% Prime Quality Cottonseed Meal

Cow-Eta Brand 43% Prime Quality Cottonseed Meal

Edward R. Bacon Grain Co., 141 W. Jackson Blvd., Chicago, Ill.

Bacon's Gluten Feed

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

Bailey's 20% Special Dairy Ration
 Bailey's Fitting Ration (Sweetened)
 Capital Dairy Ration (Sweetened)
 Capital Mixed Feed
 Favorite Dairy Ration (Sweetened)
 New Deal Dairy Ration
 Pennant Chick Starter
 Pennant Coarse Chick Feed
 Pennant Fine Chick Feed
 Pennant Growing Feed
 Pennant Horse Feed
 Pennant Laying Mash
 Pennant Laying Mash (with Cod Liver Oil-Cod Liver Meal)
 Pennant Scratch Feed
 Pennant Stock Feed (Sweetened)
 Pennant Turkey Growing Feed

Baker Bros., 44 Montgomery St., Binghamton, N. Y.

Purfeed Calf Ration
 Purfeed Dairy Ration
 Purfeed Hog Ration
 Purfeed Super Laying and Breeding Mash
 Baker's Special

Barber & Bennett, Inc., Albany, N. Y.

Big Ben Brand 16% Dairy Feed
 Big Ben Brand 20% Dairy Feed
 Big Ben Brand 24% Dairy Feed
 Big Ben Scratch Feed
 Egg-O Laying Mash
 Egg-O Scratch Feed
 Fort Orange Brand Combination Mash with Kelp "Starting-Growing-Laying"
 Fort Orange Brand 12% Dairy Feed
 Fort Orange Brand 20% Dairy Feed
 Fort Orange Brand 24% Dairy Feed
 Fort Orange Brand Laying and Breeding Mash

Bay State Milling Co., Winona, Minn.

"Wingold" Standard Hard Wheat Middlings and Wheat Screenings

The B & B Dairy Co., Inc., Margaretville, N. Y.

Buell-Boston Dried Skim Milk

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

Auburn Brand Auburn Dairy Feed
 Beacon Battery Laying Ration
 Beacon Battery Pullet Growing Ration
 Beacon Breeders Mash with Buttermilk
 Beacon Broiler Feed
 Beacon Calf Grain Ration
 Beacon Calf Pellets
 Beacon's Cayuga Developer Feed
 Beacon's Cayuga Growing Mash
 Beacon's Cayuga Horse Feed
 Beacon's Cayuga Laying Mash with Buttermilk
 Beacon's Cayuga Scratch Feed
 Beacon CC Pellets
 Beacon Chick Feed
 Beacon Complete Starting Ration
 Beacon Dairy Ration
 Beacon Developer Feed
 Beacon Duck Laying Pellets
 Beacon Duck Starting Pellets
 Beacon Egg Mash with Buttermilk

Beacon Milling Co., Inc., Cayuga, N. Y.—(Continued)

Beacon Fitting Ration
 Beacon Fleshing Pellets
 Beacon Growing Mash
 Beacon Hog Feed
 Beacon Horse Feed
 Beacon Scratch Grains
 Beacon Special Scratch Grains
 Beacon Special Horse Feed
 Beacon Sweet "20"
 Beacon Sweet "24"
 Beacon Turkey Growing Feed
 Beacon Turkey Starter
 Beacon "20"
 Be-Co-Las
 Cayuga Pasture and Fitting Ration
 Cayuga Stock Feed
 Corn and Oats Chop

Bisbee Linseed Co., 2100 Lincoln-Liberty Bldg., Philadelphia, Pa.

Bisbee Brand 34% Protein Old Process Colza Oil Meal
 Bisbee Brand 34% Protein Old Process Linseed Meal

Black Rock Milling Corp., Buffalo, N. Y.

Paramount 20% Dairy Ration

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

Bradley & Baker, 155 E. 44th St., New York, N. Y.

Bradbake Brand Fish Meal
 Dried Beet Pulp

A. D. Bridge's Sons, Inc., Hazardville, Conn.

Success Dairy Ration

Leon Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

C. Buckingham & Co., Southport, Conn.

C. B. 20% Dairy
 C. B. 24% Dairy
 C. B. Egg Mash
 C. B. Growing Mash
 C. B. Scratch
 C. B. Starter

C. W. Burckhalter, Inc., 177 Franklin St., New York, N. Y.

Burck Brand Powdered Skim Milk

C. W. Campbell Co., Westerly, R. I.

Cam-Co Dairy Ration
 Cam-Co Horse Feed
 Cam-Co Laying Mash
 Cam-Co Scratch Feed
 Creamline Dairy Ration
 Egg-O Chick and Broiler Ration
 Egg-O Chick Scratch
 Egg-O Chick Starter
 Egg-O Growing Feed
 Egg-O Intermediate Scratch
 Egg-O Laying Mash
 Egg-O Scratch Feed
 Egg-O Turkey Grower

C. W. Campbell Co., Westerly, R. I.—(Continued)

Fitting Ration
Hog Ration
Milky Ration
No-Botheration Dairy Ration
Provender

A. B. Caple Co., Toledo, Ohio

Alfalfa Stem Meal

Center Milk Products Co., Middlebury Center, Pa.

Vita Brand Dry Skim Milk

Central Soya Co., Inc., Utility Bldg., Decatur, Ind.

Central 41% Protein Soybean Oilmeal

Checkerboard Feed Store, Oswego, N. Y.

Ontario 20% Dairy Feed
Protana Laying Mash

Clinton Co., Clinton, Iowa

Clinton Corn Gluten Feed

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

"C and C" Pure Brand
"C and C" Pure Shorts

The Coles Feed & Grain Co., Inc., Middletown, Conn.

Fortune Chick Starter with Clo-trate Oil
Fortune Egg Mash with Cod Liver Oil
Fortune Growing Mash with Cod Liver Oil
Fortune Scratch Feed

Collis Products Co., 201 Custer St., St. Paul, Minn.

Collis Process Dried Buttermilk

Commander-Larabee Corp., Minneapolis, Minn.

Sunfed Red Dog, Pure Wheat Product
Sunfed Wheat Bran with ground screenings
Sunfed Wheat Standard Middlings with ground screenings

Community Service, Inc., Lakeville, Conn.

Community 20% Dairy Ration
Community 20% Dairy Ration "Thrift Brand"
Community Pasture Ration
Community Poultry Mash

The G. E. Conkey Co., Cleveland, Ohio

Conkey's Y-O (Brand) Growing Mash
Conkey's Y-O (Brand) (The Original) Starting Feed

Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.

"Yankee Brand" High Grade Meat Scrap

Consolidated Products Co., Danville, Ill.

Semi-Solid Buttermilk

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

Corenco Bone Meal—An all Animal Feed for Cattle, Hogs and Poultry
Corenco 45% Meat and Bone Scrap
Corenco 50% Meat and Bone Scrap
Corenco 55% Meat Scrap
Corenco 60% Meat Scrap

Continental Distilling Corp., 260 S. Broad St., Philadelphia, Pa.

Corn Distillers Dried Grains

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

Copeland's "Dandy Bran"

Corn Products Sales Co. of the Corn Products Refining Co., 17 Battery Place, New York, N. Y.

Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal
Heavy Buffalo Corn Gluten Feed (Sweetened)

E. A. Cowee Co., Fitchburg, Mass.

Coweco Growing Mash
Coweco Laying Mash
Coweco 20% Ration
Coweco Scratch Feed

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

Blue Seal Chick Starter
Blue Seal Growing Mash
Blue Seal Laying Mash
Bristol Dairy
Broiler and Starting Mash
20% Dairy Feed
24% Dairy Feed
Horse Feed
Red Seal Laying Mash
Scratch Feed

Chas. M. Cox Co., Boston, Mass.

Pioneer Pure Wheat Bran (Manufactured by Western Canada Flour Mills Co., Ltd., Toronto, Canada)
Utility Laying Ration

P. Cutler, Inc., Colchester, Conn.

Prosperity Economy Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

A. O. Dailey & Sons, Inc., Binghamton, N. Y.

Dailey's Baby Chick Grains
Dailey's Bingo Horse Feed with Molasses
Dailey's 16 Dairy Feed with Molasses
Dailey's 20 Dairy Ration
Dailey's Egg Producer Mash
Dailey's Egg Record Scratch
Dailey's Fattening Mash
Dailey's Growing Grains
Dailey's Special 20% Dairy Ration
Dailey's Special Laying Mash
Dailey's Starting Mash

Dairymen's League Co-operative Assoc., Inc., 11 W. 42nd St., New York, N. Y.

Dairylea Choice Feed Grade Dried Skim Milk

R. G. Davis & Sons, Inc., New Haven, Conn.

Basic Dairy Ration
Davis Mash with Buttermilk
Davis Horse Feed
Davis Scratch Feed
Davis Stock Feed

Dawe's Products Co., 15th & Platte St., Denver, Colo.

D. V. Base

Deep River Feed Store, Deep River, Conn.Paris Laying Mash
Paris Scratch Grains**Delaware Mills, Inc., Deposit, N. Y.**Delaware All Mash Chick Starter (with Dried Skim Milk and Cod Liver Oil)
Delaware Chick Grains
Delaware 85% Horse Feed
Delaware Intermediate Chick Grains
Delaware Scratch Grains
Delaware Starter and Broiler Ration (with Dried Skim Milk and Cod Liver Oil)
Delaware Stock Feed
Delco Laying Mash (with Dried Skim Milk)
Delco Sweet 20% Dairy Feed
Indian Growing Mash (with Dried Skim Milk)
Indian Laying Mash (with Dried Skim Milk)
Indian Scratch Grains
Indian Sweet 20% Dairy Feed
Indian Sweet 24% Dairy Feed
Open Formula Laying Mash with Cod Liver Oil**The Denver Alfalfa Milling & Products Co., Lamar, Colo.**Alfalfa Leaf Meal (Colorado)
Alfalfa Leaf Meal (California)
Alfalfa Meal**The Dewey Bros. Co., Blanchester, Ohio**

Corn 3D (Dewey's Distillers Dried) Grains

Dietrich & Gambrill, Inc., Frederick, Md.All Mash Starter and Grower
All Purpose Complete Ration Starter-Grower-Layer
Big 4 Feed
Canton Scratch Feed
D & G Calf Meal
D & G Dairy Feed
D & G Poultry Conditioning Ration
Frederick Dairy Feed
Frederick Horse Feed
Frederick Laying Mash
Frederick Stock Feed
Gambrill's A. I. Dairy Feed
Gambrill's Chick Grains
Gambrill's 16% Dairy Feed
Gambrill's Growing Mash
Gambrill's Horse Feed
Gambrill's Laying Mash
Gambrill's Scratch Feed
Pen Mar Dairy Feed
Wheat Mixed Feed**Duluth-Superior Milling Co., Minneapolis, Minn.**

Duluth Imperial Wheat Bran with Ground Screenings

A. G. Dunn, 32 Wall St., New York, N. Y.

Brazilian Wheat Bran, with ground screenings not exceeding mill run

Eastern States Farmers' Exchange, Springfield, Mass.Eastern States All-Mash Developer
Eastern States Calf Starter
Eastern States Chick Grains**Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)**Eastern States Combination Mash
Eastern States Developer
Eastern States Egg Mash
Eastern States Fattener Mash
Eastern States Fattening Mash for Ducks
Eastern States Fitting Ration
Eastern States Flushing Mash
Eastern States 41% Protein Cottonseed Meal
Eastern States Fulpail Dairy Ration
Eastern States Ground Corn and Oats
Eastern States Highland 12
Eastern States Highland 16
Eastern States Highland 20
Eastern States Hog Meal
Eastern States Hog Supplement
Eastern States Horse Feed
Eastern States Intermediate Scratch Grains
Eastern States Laying Mash for Ducks
Eastern States Milkmore Dairy Ration
Eastern States Oat Feed with Molasses
Eastern States Producer Mash
Eastern States Producer 20
Eastern States Scratch Grains (With Whole Corn)
Eastern States Scratch Grains (With Coarse Cracked Corn)
Eastern States Scratch Grains 1931
Eastern States Sixteen Dairy Ration
Eastern States Starting and Broiler Ration
Eastern States Starting and Growing Mash for Ducks
Eastern States Succulence
Eastern States 32% Supplement Feed
Eastern States Turkey Breeder Mash
Eastern States Turkey Fat
Eastern States Turkey Grow
Eastern States Turkey Start**Egg-O-Milk Co., Baltimore, Md.**

Egg-O-Milk Blend

Elmore Milling Co., Inc., Oneonta, N. Y.Eggtex
Elmore Chixsaver
Elmore Complete Broiler Ration
Elmore Complete Laying Ration
Elmore Egg Mash
Elmore Fitting Ration
Elmore Growing Mash
Elmore Horse Feed with Molasses
Elmore Intermediate Chick Feed
Elmore M. A. C. Laying Mash
Elmore Milk Grains
Elmore Milk Grains Junior
Elmore Milk Grains Junior Sweet
Elmore Scratch Feed
Elmore 16% Pasture Ration
Elmore Stock Feed
Elmore's Sweet Digesto Dairy Feed
Elmore "Three Point" Calf Meal
Elmore Turkey Growing Mash
Emco Scratch Feed
Granger 20% Dairy Ration
Granger 24% Dairy Ration
Waldorf 20% Dairy Ration
Waldorf 24% Dairy Ration

John W. Eshelman & Sons, Lancaster, Pa.

Eshelman Certified 20% Dairy Ration
 Eshelman Certified 24% Dairy Ration
 Eshelman Challenge Dairy Feed
 Eshelman Conestoga 20 Dairy Feed
 Eshelman Garden Spot Horse Feed
 Eshelman Golden Rod 25 Dairy Feed
 Eshelman Lancaster 20 Dairy Feed
 Eshelman Lancaster 60 Horse Feed
 Eshelman Lancaster Scratch Grains
 Eshelman Liberty Horse Feed
 Eshelman Open Formula 20 Dairy Feed
 Eshelman Pennsy 16 Dairy Feed
 Eshelman Pennsy Laying Mash
 Eshelman Pennsy Scratch Grains
 Eshelman Red Rose All Mash Starter
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Grains
 Eshelman Red Rose Chick Starter
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Duck Mash
 Eshelman Red Rose Fattening Mash
 Eshelman Red Rose Ground Corn and Oats
 Eshelman Red Rose Growing Mash with Cod Liver Oil
 Eshelman Red Rose 85 Horse Feed
 Eshelman Red Rose Laying Mash
 Eshelman Red Rose Laying Mash with Cod Liver Oil
 Eshelman Red Rose Pig and Hog Meal
 Eshelman Red Rose Scratch Grains
 Eshelman Red Rose Stock Feed
 Eshelman S-O-S
 Eshelman Steamed-Cooked Horse Feed
 Lancaster Laying Mash with Cod Liver Oil

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed
 Evan's 41% Protein Soybean Oil Meal

Excelsior Milling Co., Minneapolis, Minn.

Pure Camel Fancy Wheat Feed

Fairchild Milling Co., 1635 Merwin Ave., Cleveland, Ohio

Standard Midds with ground screenings
 Wheat Bran with ground screenings

The Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

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

"Bull Brand" Dried Brewers Grains

Farmers Flour & Grain Co., Stratford, Conn.

Superior Dairy Feed with Molasses and Minerals
 Superior Laying Mash

Fernando Valley Milling & Supply Co., Los Angeles, Calif.

Fernando Alfalfa Meal Fine Ground
 Fernando Alfalfa Stem Meal
 Fernando Ideal Greens Alfalfa Leaf Meal

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

Henfield Chick Grains
 Henfield Egg Mash
 Henfield Scratch Grains
 Henfield Starting Mash

Flag Fish Co., Inc., 108 South St., New York, N. Y.

Flag Fish Meal

J. B. Garland & Son, 15 Grafton St., Worcester, Mass.

Garland's Economy Egg Mash
 Garland's Economy Scratch Feed
 Garland's Growing Mash
 Garland's Laying Mash
 Royal Worcester Complete Ration

General Mills, Inc., Minneapolis, Minn.

Washburn's Gold Medal Fancy Wheat Mixed Feed
 Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
 Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings
 Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
 Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

Geneva Milling Co., Inc., Geneva, N. Y.

Genesota Hard Wheat Flour Middlings
 Genesota Red Dog
 Genesota Standard Wheat Bran
 Genesota Standard Wheat Middlings

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

Economy Scratch Grains
 Grandin's Baby Chick Feed
 Grandin's Complete Starting Ration
 Grandin's Green Food
 Grandin's Growing Mash (contains Concentrated Cod Liver Oil)
 Grandin's Intermediate Chick Feed
 Grandin's Laying Mash (contains Concentrated Cod Liver Oil)
 Grandin's Milk Maker
 Grandin's Screened Scratch Feed
 Grandin's Start-To-Finish Mash
 Grandin's Stock Food
 Grandin's Sweetened 20% Dairy Feed
 Grandin's Sweetened 24% Dairy Feed
 Grandin's Sweetened Horse Feed
 Ground Corn and Oats
 M-S (Money Saver) 20% Sweetened Dairy Feed
 M-S (Money Saver) 24% Sweetened Dairy Feed

Grand Union Stores, Inc., 233 Broadway, New York, N. Y.

Grand Union 16% Dairy Feed
 Grand Union 20% Dairy Feed
 Grand Union 24% Dairy Feed
 Peerless All Mash Starter and Grower
 Peerless Chick Grains
 Peerless Laying Mash
 Peerless Scratch Grains

Great Atlantic & Pacific Tea Co., Minneapolis, Minn.

Daily Egg Laying Mash Feed
 Daily Egg Scratch Feed
 Daily Growth Broiler Mash
 Daily Growth Calf Meal
 Daily Growth Chick Starter
 Daily Growth Developing Feed
 Daily Growth Fine Chick Feed
 Daily Growth Growing Mash
 Daily Growth Turkey Grower
 Daily Growth Turkey Starter
 Daily Horse Feed
 Daily Milk Dairy Feed
 Milky Way Dairy Feed 20%
 Milky Way Dairy Feed 24%

Greenport Feed Corp., 460 Morgan Ave., Brooklyn, N. Y.
Greenport Dairy Feed with Molasses

Hales & Hunter Co., 166 W. Jackson Blvd., Chicago, Ill.

Kingfalfa Horse Feed
Morning Glory Egg Mash with Dried Buttermilk
Morning Glory Fine Chick
Morning Glory Scratch Feed
Red Comb Broiler Mash with Dried Buttermilk
Red Comb Chick Starter with Dried Buttermilk
Red Comb Crate Fattener with Rolled Oats
Red Comb Egg Mash with Dried Buttermilk
Red Comb Growing Mash with Dried Buttermilk
Red Comb Scratch Feed, No Grit
Red Comb Turkey Breeder with Dried Buttermilk
Red Horn 24% Dairy Feed
Special Red Horn 20% Dairy Feed

Frank B. Ham & Co., Ltd., 1506 Royal Bank Bldg., Toronto, Canada

"Hamco" Brand Wheat Bran
"Hamco" Brand Wheat Shorts

Dwight Hamlin Co., Pittsburgh, Pa.

Hamlin's Dried Brewers Grains

Hecker H-O Co., Inc., Genesee Bldg., Buffalo, N. Y.

Oat Mill Feed

Hecker-Jones-Jewell Milling Div. of Standard Milling Co., Buffalo, N. Y.

Choice Wheat Bran
Wheat Red Dog
Wheat Standard Middlings

Hirst & Begley Linseed Works, 2013 Mendel St., Chicago, Ill.

Pure Old Process 37% Protein Linseed Meal

The Hubinger Co., Keokuk, Iowa

KeOkUk Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand 43% Protein Prime Cottonseed Meal
Dixie Brand 41% Protein Prime Cottonseed Meal

Illinois Cereal Mills, Inc., Paris, Ill.

White Hominy Feed

Imperial Grain & Milling Co., 20 Lucas St., Toledo, Ohio

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran
Blackhawk Wheat Red Dog
Blackhawk Wheat Standard Middlings with ground screenings not exceeding mill run

The Kansas Flour Mills Corp., Kansas City, Mo.

Big Flake Pure Wheat Bran

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

O-Corn-O Hominy

Kellogg Sales Co., Battle Creek, Mich.

White Hominy Feed

Kelloggs & Miller, Inc., Amsterdam, N. Y.

K & M Brand 32% Protein Old Process Linseed Meal
K & M Brand 34% Protein Old Process Linseed Meal

Spencer Kellogg & Sons, Inc., Buffalo, N. Y.

Kellogg's 32% Protein Old Process Linseed Meal
Kellogg's 37% Protein Old Process Linseed Meal
Kellogg's 41% Protein Old Process Soybean Oil Meal

Keystone Dairy Co., 150 Nassau St., New York, N. Y.

Skim Milk Powder

H. H. King Flour Mills Co., Minneapolis, Minn.

"Gold Mine" Feed

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

Badger White Hominy Feed

H. P. Kysor Feed & Grain Co., New Haven, Conn.

Kysor's A-1 Chick Starter Ration
Kysor's A-1 20% Dairy Ration
Kysor's A-1 24% Dairy Ration
Kysor's A-1 Growing Mash with Cod Liver Oil
Kysor's A-1 Horse Feed
Kysor's A-1 Laying Mash with Cod Liver Oil
Kysor's A-1 Scratch Feed

Laden Bros. Co., Inc., Wallingford, Conn.

Laden's Baby Chick Starter
Laden's Dairy 20%
Laden's Growing Mash
Laden's Laying Mash
Laden's Starter and Broiler Mash

Lake of the Woods Milling Co., Ltd., Montreal, Canada

Lakewoods Wheat Bran
Lakewoods Wheat Shorts

The Larabee Flour Mills Co., Kansas City, Mo.

"Sunfed" Winter Wheat Bran with ground wheat screenings not to exceed mill run or 8%

The Larowe Milling Co., Detroit, Mich.

Dried Beet Pulp
Dried Molasses-Beet Pulp
41% Protein Cottonseed Meal
Larro Broiler Feed
Larro Calf Meal
Larro Chick Builder
Larro Chick Grains
Larro Chick Starter
Larro Egg Mash
Larro Growing Grains
Larro Growing Mash
Larro Pig Feed
Larro Scratch Grains
Larro The Ready Ration for Dairy Cows
Larro Turkey Adult Mash
Larro Turkey Grower
Larowe's 16 Dairy Feed

Franklin L. Lewi, Inc., 2 Broadway, New York, N. Y.

Brazilian Wheat Bran Product of Brazil
Chilean Wheat Middlings Produce of Chile
Polish Wheat Middlings Produce of Poland
Product of Argentina Wheat Bran with ground screenings not exceeding mill run
Product of Argentina Wheat Standard Middlings with ground screenings not exceeding mill run

Libner Grain Co., Inc., 27 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Chick Starter with Cod Liver Oil
 Libner's Blue Ribbon Growing Mash with Cod Liver Oil
 Libner's Blue Ribbon Horse and Calf Ration
 Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil
 Libner's Blue Ribbon Scratch Feed
 20% Libner's Blue Ribbon Dairy Ration
 24% Libner's Blue Ribbon Dairy Ration
 12% Libner's Blue Ribbon Fitting Ration
 20% Milkflow Dairy Ration

The C. W. Lines Co., 173 Chestnut St., New Britain, Conn.

Homestead Dry Mash
 Homestead Scratch
 Mill Pride Dairy Ration
 Mill Pride Fancy Scratch
 Mill Pride Milk Mash

Litchfield County Co-op. Assoc., Torrington, Conn.

Common Sense Dairy
 Common Sense Laying Mash
 Common Sense Scratch Feed
 Common Sense Starting and Growing Mash

Long Hill Feed Store, Long Hill, Conn.

Square Deal Dairy Ration
 Square Deal Laying Mash with Buttermilk

L. B. Lovitt & Co., Memphis, Tenn.

"Lovit Brand" 41% Protein Cottonseed Meal
 "Lovit Brand" 43% Protein Cottonseed Meal

A. S. MacDonald Commission Co., 404 Grain & Flour Exchange, Boston, Mass.

Parrheim Pure Wheat Bran
 Parrheim Pure Wheat Shorts

Maine Fish Meal Co., Portland, Me.

Maine Vitamin D Fish Meal

E. Manchester & Sons, Winsted, Conn.

Huntington Red Star Egg Mash
 Red Star Feed with Molasses
 Red Star Mash
 Red Star Scratch
 Red Star Special Dairy Feed
 Red Star Sweet Sixteen

Maritime Milling Co., Inc., Buffalo, N. Y.

B-B Complete Turkey Starter Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 B-B Daisy Chick Feed
 B-B Daisy Egg Mash with Dried Buttermilk
 B-B Daisy Egg Mash Vitamized with Cod Liver Oil and Dried Buttermilk
 B-B Daisy Growing Mash Vitamized with Cod Liver Oil and Dried Buttermilk
 B-B Daisy Scratch Feed
 B-B Hi-Test Dairy Feed 20%, Sweetened
 B-B Hi-Test Dairy Feed 24%, Sweetened
 B-B Hi-Test Stock Feed, Sweetened
 B-B Marmico 16% Dairy Feed with Molasses
 Bull Brand All Mash Starter and Growing Ration Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 Bull Brand Breeders' Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 Bull Brand Broiler Ration Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk
 Bull Brand Calf Meal Vitamized with Cod Liver Oil and Dried Skim Milk

Maritime Milling Co., Inc., Buffalo, N. Y.—(Continued)

Bull Brand Chick Feed
 Bull Brand Complete Chick Starter Ration Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 Bull Brand "24" Dairy Ration, Sweetened
 Bull Brand Developing Feed
 Bull Brand Fitting Ration
 Bull Brand Flushing Mash with Milk Sugar Feed, Dried Buttermilk
 Bull Brand Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 Bull Brand Horse Feed with Alfalfa and Molasses
 Bull Brand Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
 Bull Brand Pig and Hog Meal with Minerals
 Bull Brand Scratch Feed
 Bull Brand Stock Feed
 Farmers B-B Mixing Feed, Sweetened
 Sweetened Bull Brand "20" Dairy Ration

Maurer Manufacturing Co., Newark, N. J.

Kwality Meat-Bone Scrap 50%
 Kwality Meat-Bone Scrap 55%
 Standard Meat-Bone Scrap 45%

Meech & Stoddard, Inc., Middletown, Conn.

Red Wing 20% Dairy Ration
 Red Wing Horse Feed with Molasses
 Red Wing Special Chick Feed
 Red Wing Special Chick Starter with Buttermilk
 Red Wing Special Dairy Ration
 Red Wing Special Growing Feed with Buttermilk
 Red Wing Special Intermediate Chick Feed
 Red Wing Special Laying Mash with Buttermilk
 Red Wing Special Scratch Feed
 Red Wing Stock Feed

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

Steam Cooked Hominy Feed

Minnesota Linseed Oil Co., 1101 So. Third St., Minneapolis, Minn.

37% Protein Pure Old Process Linseed Meal

Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.

MoVan

Geo. Q. Moon & Co., Inc., Binghamton, N. Y.

Moon's Baby Chick Starter Mash
 Moon's 20% Dairy Feed with Molasses
 Moon's 24% Dairy Ration
 Moon's Fresh Ground Wheat Middlings
 Moon's Hominy Feed
 Moon's Laying Mash with Dried Buttermilk
 Moon's 90 Molasses Horse Feed
 Moon's Scratch Feed
 Moon's Stock Feed
 Moon's Wheat Bran
 Special A Dairy 20% Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill Broiler Mash
 Old Mill Chick Feed
 Old Mill 20% Dairy Feed
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Horse Feed

Fred C. Morse & Son, Guilford, Conn.—(Continued)

Old Mill Intermediate Chick Feed
 Old Mill Laying Mash
 Old Mill Laying Mash with Milk and Cod Liver Oil
 Old Mill Provender
 Old Mill Scratch Feed
 Old Mill Starting Mash

Jas. F. Morse & Co., Somerville, Mass.

Morse's 40-50% Meat Scraps

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

Poco Hominy Feed

Muir & Co., 408 Produce Exchange Bldg., New York, N. Y.

Muiranco (Skimmed Milk Powder)

Mutual Rendering Co., Inc., Philadelphia, Pa.

65% Mureco Meat Scrap

National Mineral Products Co., Ltd., 830-7th St., San Francisco, Calif.

Alfaleaf Brand Alfalfa Meal

New England Chemical Industries, Inc., Woburn, Mass.

Digesta-Bone (Meal or Flour)

New England Grain Dealers' Coöperative Assoc., Inc., Springfield, Mass.

New England Quality All Mash Laying Ration with Cod Liver Oil
 New England Quality Chick Feed
 New England Quality Complete Chick Starter Ration with Cod Liver Oil
 New England Quality 20 Dairy Ration
 New England Quality Developing Feed
 New England Quality Growing Mash with Cod Liver Oil
 New England Quality Horse Feed with Alfalfa and Molasses
 New England Quality Laying Mash with Cod Liver Oil
 New England Quality Scratch Feed
 New England Quality Stock Feed
 New England Yankee 16 Dairy Ration
 New England Yankee 20 Dairy Ration
 New England Yankee 24 Dairy Ration
 New England Yankee Egg Mash with Cod Liver Oil
 New England Yankee Scratch Feed

Niagara Falls Milling Co., Lockport, N. Y.

Choice Wheat Red Dog
 Niagara Choice Wheat Bran
 Niagara Standard Wheat Middlings with Ground Screenings not exceeding mill run

Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.

Planet Feed
 Pure Wheat Bran
 Wheat Flour Middlings with G. S. N. E. M. R.
 Wheat Mixed Feed with G. S. N. E. M. R.
 Wheat Standard Middlings with G. S. N. E. M. R.
 XXX Comet

S. V. Osborn Estate, Branford, Conn.

Osborn Provender
 Osborn Scratch

M. W. Park & Co., 236 Ritch St., San Francisco, Calif.

Parko Brand Alfalfa Leaf Meal

Park & Pollard Co., Buffalo, N. Y.

Bet-R Milk 20% Ration
 Bidwell 20% Dairy Ration
 Bidwell 24% Dairy Ration
 Bidwell Dry-Mash
 Bidwell Growing Feed
 Bidwell Scratch Feed
 Broiler Finishing Mash
 Bulky Sweet Dairy Feed
 Claco Dairy Ration
 Doublex 16% Dairy Ration
 Doublex 20% Dairy Ration
 Doublex 24% Dairy Ration
 Go-Tu-It Pig and Hog Ration
 Growing Feed
 Holcomb's Milk Egg Mash with Cod Liver Oil
 Holcomb's Sweetened 20% Dairy Ration
 Intermediate Chick Feed
 Lay or Bust Dry-Mash
 Lay or Bust Dry Mash with Manamar
 Manamar 20% Dairy Ration
 Manamar Doublex 20% Dairy Ration
 Manamar Fitting Ration
 Manamar Lay or Bust Mash
 Manamar Life Cycle Mash
 Manamar Turkey Grower
 Milkade Calf Meal
 Milkmaid 20% Dairy Ration
 Milkmaid 20% Dairy Ration with Manamar
 Milkmaid 24% Sweetened Dairy Ration
 Paramount Scratch Feed
 Park & Pollard Chick Scratch
 Park & Pollard Chick Starter
 Park & Pollard Economy Scratch
 Park & Pollard Horse Feed
 Park & Pollard Starter and Broiler Mash
 Park & Pollard Stock Feed
 Park & Pollard Turkey Grower
 Red Ribbon Scratch Feed
 Top Notch 16% Ration
 Yankee Dairy Ration
 Yankee Horse Feed

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Hagerman, N. M.

Peevee Alfalfa Leaf Meal

Penick & Ford, Ltd., Cedar Rapids, Iowa

Douglas Corn Gluten Feed

A. D. Pierce, Brooklyn, Conn.

Pierce's Growing Mash
 Pierce's Special Laying Mash
 Pierce's Starter and Broiler

Pillsbury Flour Mills Co., Minneapolis, Minn.

Pillsbury's Fancy Wheat Mixed Feed with ground wheat screenings
 Pillsbury's Hard Wheat Bran with ground screenings
 Pillsbury's Hard Wheat A Middlings with ground wheat screenings
 Pillsbury's Hard Wheat Standard B Middlings with ground wheat screenings
 Pillsbury's Rye Middlings with ground rye screenings
 Pillsbury's Wheat Bran with ground wheat screenings not exceeding 8%
 Pillsbury's XX Daisy

Maurice Pincoffs Co., Houston, Texas

Maurice Pincoffs Company 41% Protein Cottonseed Meal

Pittsburgh Plate Glass Co., Newark, N. J.Red Wing 31% Protein Old Process Linseed Meal
Red Wing 32% Protein Old Process Linseed Meal**The Frank S. Platt Co., New Haven, Conn.**

Platco Laying Mash

Post Products Division of General Foods Corp., Battle Creek, Mich.

Burt's Hominy Feed

Pratt's Food Co., Buffalo, N. Y.Pratt's Baby Chick Food with Buttermilk
Pratt's Calf Meal with Buttermilk
Pratt's Circle A Scratch Feed
Pratt's Circle A Chick Scratch Feed
Pratt's Growing Mash with Buttermilk
Pratt's Intermediate Scratch Feed
Pratt's Laying Mash with Buttermilk
Pratt's Utility Horse Feed**H. C. Puffer Co., 194 Lyman St., Springfield, Mass.**Egg-Em-On Growing Feed
Egg-Em-On Laying Mash
Egg-Em-On Scratch Feed
Producer Dairy Feed
Producer Dairy Feed 24%
Horse Feed with Molasses
Sweetened Producer Dairy Feed**The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.**Barley Feed
Bell Cow Wheat Bran
Bell Cow Wheat Shorts
Big Egg All Mash Starter-Grower
Big Egg Chick Starter-Growing Mash
Big Egg Laying Mash
Big Egg Scratch Grains
Early Bird Coarse Chick Feed
Early Bird Fine Chick Feed
Quaker Ful-O-Pep Chick Starter
Quaker Ful-O-Pep Coarse Chick Feed
Quaker Ful-O-Pep Developer
Quaker Ful-O-Pep Egg Mash
Quaker Ful-O-Pep Fine Chick Feed
Quaker Ful-O-Pep Growing Mash
Quaker Ful-O-Pep Scratch Grains
Quaker Ful-O-Pep Station Grade Fattening Feed
Quaker Ful-O-Pep Turkey Grower
Quaker Ful-O-Pep Turkey Starter
Quaker Green Cross Horse Feed
Quaker 16% Protein Dairy Ration
Quaker 20% Protein Dairy Ration
Quaker 24% Protein Dairy Ration
Quaker Schumacher Feed
Quaker Sugared Schumacher Feed
Schumacher Calf Meal
Schumacher Special Horse Feed Cubed
Sugared Vim Oat Mill Feed
Vim Oat Mill Feed
White Hominy Feed
Yellow Hominy Feed**Ralston Purina Co., St. Louis, Mo.**Corn Feed Meal
Corn and Oat Provender
Dried Beet Pulp
Fine Ground Poultry Alfalfa Meal
Protena 16% Dairy Feed (Buffalo Mill)
Protena 20% Dairy Feed
Protena 24% Dairy Feed
Protena Scratch Feed
Purina Bulky Las Chow (Buffalo Mill)
Purina Bulky Omolene
Purina Broiler Chow
Purina Calf Startena
Purina Calf Starting Chow
Purina Chick Chow (Coarse)
Purina Chick Chow (Fine)
Purina Chicken Fatena
Purina Chick Growena
Purina Chick Startena
Purina Dry and Freshening Cow Chow
Purina Egg Chowder
Purina Growing Chow
Purina Growing Chow (with Cod Liver Oil)
Purina Heifer Growing Chow
Purina Hen Chow
Purina Hog Fatena
Purina Lay Chow
Purina Layena (Complete Ration)
Purina Milking Cow Chow (16%)
Purina Milking Cow Chow (20%)
Purina Milk Cow Chow (24%)
Purina Omolene
Purina 32% Chowder
Purina Turkey Growing and Fattening Chow
Purina Turkey Startena**John Reardon & Sons Co., Cambridge, Mass.**Register Brand Meat and Bone Scraps 45%
Register Brand Meat Scraps 55%**Robin Hood Mills, Ltd., Moose Jaw, Sask., Canada**

Superior Wheat Reddog

H. M. Rubin Co., Inc., Long Island City, N. Y.Rubco Meat Bone Scrap 45%
Rubco Meat Bone Scrap 50%
Rubco Meat Bone Scrap 55%**Russell-Miller Milling Co., Minneapolis, Minn.**Alta Hard Wheat Middlings
Hard Wheat Occident Bran
Hard Wheat Occident Flour Middlings
Hard Wheat Occident Mixed Feed
Hard Wheat Occident Standard Middlings**Schoeneck Farms, Inc., Nazareth, Pa.**

Keystone Brand Dehydrated Alfalfa Meal

Seaboard Supply Co., Philadelphia, Pa.SBS Crab Meal
SBS Fish Meal**Seaboard Western Grain Corp., 2 Broadway, New York, N. Y.**Wheat Bran (with ground screenings not exceeding mill run)
Wheat Standard Middlings (with ground screenings not exceeding mill run)

Seymour Grain & Coal Co., Seymour, Conn.

18 Dairy Ration
 Miracle Chick Feed
 Miracle Chick Starter
 Miracle Fitting Ration
 Miracle Grower
 Miracle Horse Feed
 Miracle Mash
 Miracle Scratch
 Miracle 16% Dairy Ration
 See More Milk Dairy Ration

Sheffield Farms Co., Inc., 524 W. 57th St., New York, N. Y.

Sheffield Skim Milk Powder

Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland, Ohio

S-W 34% Pure Old Process Linseed Meal

Ike Sovitsky, Ansonia, Conn.

Ansonia Egg Mash with Buttermilk and Cod Liver Oil
 Ansonia Scratch Feed
 Ansonia Stock Feed
 Ansonia 20% Sweetened Dairy Feed
 Connecticut State Open Formula Dairy Ration

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

Staley's Corn Gluten Feed
 Staley's Soybean Oil Meal

John T. Stanley Co., Inc., 642 West 30th St., New York, N. Y.

Stanley's Meat and Bone Scrap—55% Protein

St. Albans Grain Co., St. Albans, Vt.

Brewers' Dried Grains
 Champlain Valley 20 Dairy Ration
 Champlain Valley 24 Dairy Ration
 Corn Distillers' Dried Grains
 Hygrade Fitting Ration
 Hygrade Horse Feed
 Hygrade 16 Sweetened Milk Ration
 Hygrade 20 Sweetened Milk Ration
 Hygrade 24 Sweetened Milk Ration
 Mornin' Call Poultry Grains
 Paragon Hominy Feed
 Pilgrim Growing Mash
 Pilgrim Laying Mash
 Pilgrim Scratch Feed
 Pilgrim 20 Dairy Ration
 Utility Dairy Ration
 Utility 16 Dairy Ration
 Wirthmore Baby Chick Scratch
 Wirthmore Baby Chick Starter—A Complete Balanced Feed for the First Six Weeks Containing Cod Liver Oil
 Wirthmore 25 Balanced Ration, Sweetened
 Wirthmore Breeder Mash
 Wirthmore Calf Meal
 Wirthmore Complete Chick Starter and Broiler Ration
 Wirthmore Complete Growing Ration
 Wirthmore Complete Laying Ration
 Wirthmore 16 Dairy Ration containing Fortified Cod Liver Oil
 Wirthmore 16 Dairy Ration, Sweetened
 Wirthmore 20 Dairy Feed containing Fortified Cod Liver Oil
 Wirthmore 20 Dairy Feed Sweetened
 Wirthmore 14 Fitting Ration
 Wirthmore Fleshing and Fattening Mash

St. Albans Grain Co., St. Albans, Vt.—(Continued)

Wirthmore Fleshing Pellets A Conditioning Feed for Poultry
 Wirthmore Flour Middlings
 Wirthmore Fodder Greens
 Wirthmore Growing Mash containing Cod Liver Oil
 Wirthmore Horse Feed
 Wirthmore Intermediate Scratch Feed
 Wirthmore Laying Mash containing Cod Liver Oil
 Wirthmore Laying Pellets A Complete Ration for Caged Layers
 Wirthmore Pig and Hog—A Growing and Fattening Feed
 Wirthmore Scratch Feed
 Wirthmore Stock Feed
 Wirthmore Turkey Breeder Ration
 Wirthmore Turkey Fattening Ration
 Wirthmore Turkey Growing Ration
 Wirthmore Turkey Starting Ration
 Wirthmore Wheat Feed

The St. Lawrence Flour Mills Co., Ltd., Montreal, Canada

Premier Bran

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

Blue Ridge Egg Mash
 Snap Scratch Grains
 Snap Sweet 20% Dairy Feed
 Stickell's Certified 20% Ration
 Stickell's Intermediate Chick Feed
 Stickell's Poultry Fatner
 Su-Pur All Mash Starter
 Su-Pur Horse and Calf Meal
 Victor Scratch Grains
 Zip Growing Mash

F. W. Stock & Sons, Hillsdale, Mich.

Litchfield Mixed Feed
 Stock's Bran
 Stock's Middlings

Swift & Co. Oil Mills, Atlanta, Ga.

41% Cottonseed Meal

Syracuse Milling Co., Syracuse, N. Y.

Onondaga Chick Feed
 Onondaga Dairy Feed Sweetened
 Onondaga Scratch Grains
 Syragold Chick Feed
 Syragold Chick Starter
 Syracuse Complete Starting and Growing Mash
 Syragold Dairy Feed
 Syragold Dairy Feed Sweetened
 Syragold Egg Mash
 Syragold Flour Middlings with Mill Run Screenings
 Syragold Growing Mash
 Syragold Horse Feed with Molasses
 Syragold Laying Mash with Buttermilk
 Syragold Milk Ration Sweetened
 Syragold Scratch Grains
 Syragold Stock Feed

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

Thomaston Dairy Ration
 Thomaston Egg Mash with Cod Liver Oil
 Thomaston Growing Mash with Cod Liver Oil
 Thomaston Scratch

Tioga Mills, Inc., Waverly, N. Y.

Chicotine
 Conditionine
 20% Creamatine
 Derby Dairy Feed
 Derby Ground Corn and Oats
 Derby Scratch Feed
 Egatine
 E-Gee Dairy Feed
 Neverfail Flusher
 Neverfail Horse Feed
 Or-Co Feed
 Red Brand Tioga Dairy Feed
 Tioga Calf Food
 Tioga Growing Grains
 Tioga Laying Food
 Tioga Poultry Grain
 Tioga Starter and Grower

Traders Feed & Grain Co., Inc., Buffalo, N. Y.

Rex Wheat Bran with Screenings not Exceeding Mill Run
 Rex Wheat Middlings with Screenings not Exceeding Mill Run

Jacob Trinley & Sons, Linfield, Pa.

Corn Feed Meal
 Favorite 20% Dairy Feed
 Favorite Growing Mash
 Favorite Horse Feed
 Favorite Laying Mash
 Favorite Scratch Grains
 Melo Horse Feed
 Real Calf Meal
 Real Chick Feed
 Real Chick Starter
 Real 20% Dairy Feed
 Real Fattening Mash
 Real Growing Mash
 Real Intermediate Chick Feed
 Real Laying Mash
 Real Scratch Grains
 Real Starter and Developer Mash
 Real Stock Feed
 Real Turkey Mash (Starter and Grower)
 Supreme 85% Horse Feed
 Trinley's 16% Dairy Feed
 Trinley's 24% Dairy Feed

Union Starch & Refining Co., Columbus, Ind.

Union Corn Gluten Feed

Union Supply & Milling Corp., Burbank, Calif.

Sunshine Alfalfa Leaf Meal

United Coöperative Farmers', Inc., Fitchburg, Mass.

United Farmers Growing Mash
 United Farmers Milk Egg Mash
 United Farmers Milkmaker
 United Farmers Starting and Growing Mash

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

Paycheck 16% Dairy Ration
 Paycheck 20% Dairy Ration
 Paycheck 24% Dairy Ration
 Paycheck Laying Mash with Cod Liver Oil
 Paycheck Scratch Feed

Unity Feeds, Inc., 177 Milk St., Boston, Mass.—(Continued)

Paymaster 20% Dairy Ration
 Paymaster 24% Dairy Ration
 Paymaster Laying Mash
 Paymaster Laying Mash with Cod Liver Oil
 Paymaster Scratch Feed
 Unity Chick Starter
 Unity Complete Starting and Broiler Mash
 Unity 20% Dairy Ration
 Unity 24% Dairy Ration
 Unity Growing Mash with Cod Liver Oil
 Unity Horse Feed
 Unity Laying Mash with Cod Liver Oil
 Unity Pig and Hog Ration
 Unity Stock Feed
 Unity Turkey Starter and Growing Mash

Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.

Upper Hudson Rye Feed

Geo. Urban Milling Co., 332 N. Oak St., Buffalo, N. Y.

Wheat Bran with Ground Screenings not Exceeding Mill Run

The Van Iderstine Co., Long Island City, N. Y.

Vico Quality Meat and Bone Scrap for Poultry
 Vico High Protein Meat and Bone Scrap for Poultry

Victor Flour Mills, Inc., Pittsford, N. Y.

Fancy Heavy Winter Wheat Mixed Feed
 Saturn Wheat Bran
 Saturn Wheat Middlings
 Victor Spring Wheat Bran
 Victor Spring Wheat Middlings

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

Corn Distillers' Dried Grains

Ward Dry Milk Co., St. Paul, Minn.

Ward's Pure Dried Buttermilk
 Ward's Pure Dried Skim Milk

Watertown Co-operative Assoc., Inc., Watertown, Conn.

Sterling Scratch

Wayne County Grangers Feed Corp., Clyde, N. Y.

Clyde 20% Dairy Feed
 Economy 20% Dairy Feed
 Galen 24% Dairy Feed
 24% Milkproducer Dairy
 Superior Broiler Ration with Milk and Cod Liver Oil
 Superior Chick Starter with Buttermilk and Cod Liver Oil
 20% Superior Dairy Feed
 Superior Growing Mash with Buttermilk and Cod Liver Oil
 Superior Laying Mash with Buttermilk and Cod Liver Oil
 Superior Turkey Grower and Fattener with Milk and Cod Liver Oil
 Superior Turkey Starter with Milk and Cod Liver Oil
 Sweetened 16% Dairy Feed
 Universal Horse Feed

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

Pure Feed Chick Grains
 Pure Feed Dairy Ration
 Pure Feed Egg Mash
 Pure Feed Horse Ration

West-Nesbitt, Inc., Oneonta, N. Y.—(Continued)

Pure Feed Scratch Grains
 Pure Feed Starting Mash
 Pure Feed Starting and Growing Mash
 Super Pure Sweetfeed Dairy Ration

Wolf's Feed Store, Shelton, Conn.

Wolf's Chick Starter
 Wolf's Egg Mash
 Wolf's Growing Mash 100 lbs.
 Wolf's Sweetened 20% Dairy Ration (with Molasses)

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal

The Yantic Grain & Products Co., Norwich, Conn.**Al-Mo**

Big (Y) All in All Egg Ration
 Big (Y) All in All Growing Ration
 Big (Y) Broiler Fattening Mash
 Big (Y) Chick Scratch Grains
 Big (Y) Chick Starter with Cod Liver Oil
 Big (Y) Complete Broiler and Chick Ration
 Big (Y) Dairy 16%
 Big (Y) Dairy 20%
 Big (Y) Dairy 24%
 Big (Y) Fitting Ration
 Big (Y) Flour Middlings
 Big (Y) Growing Feed with Cod Liver Meal and Dried Milk
 Big (Y) Hog and Pig Ration
 Big (Y) Horse Feed
 Big (Y) Intermediate Chick Feed
 Big (Y) Laying Mash with Cod Liver Meal
 Big (Y) Laying Mash with Dried Milk and Cod Liver Meal
 Big (Y) Milk and Oil Growing Feed
 Big (Y) Mixed Feed
 Big (Y) Scratch Feed
 Big (Y) Stock Feed
 Big (Y) Sugared Oat Feed
 Big (Y) Sugared Stock Feed
 Big (Y) Turkey Growing Feed
 Big (Y) Turkey Starter
 Calico Girl Scratch Feed
 Columbia Dairy Feed
 Columbia Horse Feed
 Columbia Laying Mash
 Columbia Scratch Feed
 Economy Horse Feed
 Open Formula Dairy 16%
 Open Formula Dairy 20%
 Open Formula Dairy 24%
 Purity Dairy Ration

INSPECTION

For the year 1936 a total of 1,331 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs, official samples.....	822
Miscellaneous feeds examined for individuals.....	82
Feeds examined for poisons.....	22
Pasture grass samples and other fodder materials from Storrs....	323
Check samples, cottonseed meal.....	30
Dog feeds.....	52
Total.....	1,331

A summary of the results of the inspection and analysis of the official samples other than dog feeds is as follows:

Total number of samples.....	822
Samples deficient in:	
one item.....	93
two items.....	9
three items.....	1
Percentage of samples meeting guaranties in all respects.....	88
Total guaranties made.....	2,453 ¹
Guaranties not met:	
protein.....	34
fiber.....	24
fat.....	56
Percentage of guaranties met.....	95

Analyses of official samples are given in Table 1.

¹ Thirteen samples with only two guaranties.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
1715	Albers Bros. Milling Co. Seattle, Wash.	Westerly: C. W. Campbell Co.	%	%	%	%	%	%	%
3660	E. T. Allen Co., Atlanta, Ga.	Norwich: Norwich Grain Co.	6.15	42.31	41.00	9.15	13.00	7.63	5.50
3685	Allied Mills, Inc., Chicago, Ill.	Plainville: Sunshine Feed Store	10.33	11.81	10.00	8.05	12.00	3.05	2.00
3552	Brewers' Dried Grains	Thomaston: Thomaston Supply Co.	4.88	25.00	24.00	14.60	18.00	6.55	5.00
1384	Empire Egg Mash with Sardine Oil	Plainville: Sunshine Feed Store	10.20	17.56	16.50	5.95	7.00	5.08	3.50
3166	Empire 20% Dairy Ration	Plainville: Sunshine Feed Store	10.58	20.13	20.00	8.58	12.00	4.45	3.00
3165	Empire 24% Dairy Ration	Plainville: Sunshine Feed Store	10.18	24.13	24.00	9.20	12.00	4.53	3.00
3688	Empire Growing Mash with Sardine Oil	Plainville: Sunshine Feed Store	8.68	18.38	16.00	6.55	7.00	5.55	3.00
3689	Empire Scratch Feed	Plainville: Sunshine Feed Store	10.05	10.75	9.00	2.43	4.00	2.10	2.50
1385	41% Soybean Oil Meal	Plainville: Sunshine Feed Store	9.88	39.75	41.00	5.13	7.00	5.90	5.00
3498	June Pasture	Suffield: R. J. C. Wetherell	14.05	12.69	10.00	16.43	21.00	1.18	0.50
1390	Pure Corn & Oats Provender	Plainville: Sunshine Feed Store	11.78	11.50	9.00	5.58	10.00	3.53	3.50
3874	Super Soy	Plainville: Sunshine Feed Store	8.93	40.25	37.00	4.83	6.50	5.30	4.50
3169	Wayne Amco 20% Dairy Ration	Plainville: Sunshine Feed Store	9.88	20.63	20.00	8.15	9.00	4.10	4.00
3164	Wayne Amco 24% Dairy Ration	Plainville: Sunshine Feed Store	9.88	24.94	24.00	8.15	9.00	4.53	4.00
1382	Wayne Broiler Ration	Plainville: Sunshine Feed Store	10.03	19.06	18.00	5.60	8.00	5.58	3.50
3167	Wayne Calf Meal	Plainville: Sunshine Feed Store	10.38	24.13	24.00	6.18	7.00	5.03	4.00
1383	Wayne Chick Feed	Plainville: Sunshine Feed Store	11.98	12.00	9.00	2.15	4.00	4.30	2.00
1380	Wayne Chick Starter	Plainville: Sunshine Feed Store	10.55	19.50	17.00	4.72	6.00	5.50	4.00
1381	Wayne Egg and Breeder Mash	Plainville: Sunshine Feed Store	10.20	19.50	18.00	5.75	7.00	5.60	3.50
3163	Wayne Egg and Breeder Mash with Sardine Oil	Plainville: Sunshine Feed Store	9.08	18.31	18.00	6.53	7.00	6.38	3.50
1386	Wayne Growing Mash with Sardine Oil	Plainville: Sunshine Feed Store	10.48	17.75	16.00	4.85	6.00	4.85	4.00
3168	Wayne Horse Feed	Plainville: Sunshine Feed Store	11.80	10.00	9.50	4.10	8.00	2.83	3.00
3686	Wayne Mash Concentrate with Sardine Oil	Plainville: Sunshine Feed Store	6.60	37.25	32.00	6.20	8.00	8.48	4.00
4010	Wayne Mash Concentrate with Sardine Oil	Plainville: Sunshine Feed Store	7.28	36.88	32.00	6.35	8.00	8.60	4.00
3687	Wayne 26% Mash Supplement	Plainville: Sunshine Feed Store	7.65	29.50	26.00	8.25	10.00	5.60	4.00
1388	Wayne 26% Mash Supplement with Sardine Oil	Plainville: Sunshine Feed Store	8.38	28.13	26.00	8.15	10.00	6.03	4.00
3690	Wayne Pork Maker	Plainville: Sunshine Feed Store	9.63	17.88	14.00	4.98	7.00	4.50	3.50
1389	Wayne Poultry Fattener	Plainville: Sunshine Feed Store	10.30	15.56	13.50	5.28	8.00	4.33	3.50
1387	Wayne Starter and Grower with Sardine Oil	Plainville: Sunshine Feed Store	10.43	16.19	16.00	5.23	6.00	5.53	3.50
3170	Wayne Turkey Growing Mash with Sardine Oil	Plainville: Sunshine Feed Store	10.00	19.94	18.00	6.78	8.00	5.53	3.50
3170	Wayne Turkey Starting Mash	Plainville: Sunshine Feed Store	9.25	26.31	25.00	5.30	8.00	6.58	4.00
3162	American Maize Products Co., New York, N. Y.								
1841	Cream of Corn Gluten Feed	Sharon: F. A. Wike & Co.	8.73	26.00	25.00	7.33	8.50	3.25	2.00
1463	Anchor Mills, Hagerstown, Md.	Derby: Derby Feed Store	10.98	18.25	18.00	6.30	6.00	5.78	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Arcady Farms Milling Co., Chicago, Ill.		%	%	%	%	%	%	
3652	Arcady 24% Open Formula Production Ration	Lebanon: Berkman Grain Co.	8.50	22.00	24.00	8.00	9.00	3.50	3.00
3161	Arcady Scratch Grains	New Britain: S. P. Strophe	11.55	12.50	10.00	2.43	5.00	2.53	2.50
1516	Arcady-Wonder Complete All Mash Chick Starter	Meriden: Reliable Feed Store	10.03	17.25	17.00	6.45	5.00	4.25	5.00
1518	Arcady-Wonder Complete Broiler Ration	Meriden: Reliable Feed Store	9.73	18.44	17.00	6.15	5.00	4.58	4.00
1512	Arcady-Wonder Complete Laying Ration	Meriden: Reliable Feed Store	9.50	17.88	16.00	6.55	7.00	4.15	4.50
1515	Arcady-Wonder Growing Mash	Meriden: Reliable Feed Store	9.55	16.25	17.00	7.18	7.00	3.63	4.00
1517	Arcady-Wonder Laying Mash	Meriden: Reliable Feed Store	9.73	20.19	20.00	6.53	7.00	4.13	4.00
3130	Arcady-Wonderlas	New Britain: S. P. Strophe	11.80	29.63	30.00	5.30	6.00	4.78	4.00
1511	Riverside Scratch Grains	Meriden: Reliable Feed Store	12.50	11.19	10.00	2.43	5.00	3.43	2.50
1514	Sunkist Egg Mash	Meriden: Reliable Feed Store	9.28	20.50	20.00	7.78	8.00	3.65	4.00
3131	Sunkist Scratch Grains	New Britain: S. P. Strophe	11.85	12.69	10.00	2.98	5.00	2.60	2.50
3129	Wonder Horse & Mule Feed	New Britain: S. P. Strophe	11.25	9.38	9.00	5.80	10.00	3.33	3.00
3626	Wonder Sugared Stock Feed	Eastford: Wm. S. Warren	9.78	11.75	10.00	7.58	12.00	3.00	3.00
	Archer-Daniels-Midland Co., Minneapolis, Minn.								
1794	32 Per Cent Protein Old Process Linseed Meal	Torrington: Litchfield Co-op. Assoc.	8.15	32.63	32.00	7.38	9.00	5.25	4.50
1543	41 Per Cent Protein Old Process Soy Bean Oil Meal	Long Hill: Long Hill Feed Store	9.75	42.25	41.00	4.95	7.00	5.05	4.50
	Ashcraft-Wilkinson Co., Atlanta, Ga.								
1469	Cow-Eta Brand 41% Prime Quality Cottonseed Meal	Shelton: Wolf's Feed Store	7.28	41.31	41.00	10.08	13.00	6.10	5.00
	E. R. Bacon Grain Co., Chicago, Ill.								
1797	Bacon's Gluten Feed	East Winsted: Leonard Grain Co.	9.23	25.75	24.00	7.80	8.00	3.43	2.00
	E. W. Bailey & Co., Montpelier, Vt.								
3748	Bailey's 20% Special Dairy Ration	New London: B. J. McCarthy	9.18	21.19	20.00	8.95	9.00	4.30	3.50
1905	Bailey's Fitting Ration (Sweetened)	Lebanon: Berkman Grain Co.	11.15	16.25	14.00	6.13	9.00	4.65	4.00
3651	Capitol Dairy Ration (Sweetened)	Lebanon: Berkman Grain Co.	9.48	25.00	24.00	6.63	9.00	4.85	4.50
3602	Favorite Dairy Ration (Sweetened)	West Willington: H. M. Hansen	10.93	20.75	20.00	6.98	7.50	4.18	4.00
3597	New Deal Dairy Ration	Mansfield Depot: Merritt Thompson	9.80	19.50	20.00	10.55	11.00	4.98	5.00
1684	Pennant Chick Starter	New London: B. J. McCarthy	9.65	17.00	17.00	4.33	5.00	4.10	5.00
3654	Pennant Growing Feed	Lebanon: Berkman Grain Co.	8.78	18.00	15.00	5.90	5.00	5.30	5.00
3749	Pennant Horse Feed	New London: B. J. McCarthy	10.63	11.63	10.75	5.80	6.50	3.23	3.50
1904	Pennant Laying Mash	Lebanon: Berkman Grain Co.	9.90	21.63	20.00	4.83	6.00	4.13	5.00
1683	Pennant Laying Mash (with Cod Liver Oil and Cod Liver Meal)	New London: B. J. McCarthy	9.70	22.75	20.00	5.35	6.00	4.68	5.00
3750	Pennant Scratch Feed	New London: B. J. McCarthy	10.70	12.19	10.00	2.85	6.50	3.00	3.00
3600	Pennant Stock Feed (Sweetened)	West Willington: H. M. Hansen	10.48	9.50	9.50	9.13	9.50	4.05	4.00
3653	Pennant Turkey Growing Feed	Lebanon: Berkman Grain Co.	8.68	23.88	23.00	6.85	6.00	5.78	4.50
	Baker Bros., Binghamton, N. Y.								
3664	Purfeed Calf Ration ¹	Colchester: J. Boretz	9.73	21.38	12.00	6.58	16.00	4.60	3.50
4096	Purfeed Calf Ration ²	Colchester: J. Boretz	10.63	21.13	12.00	6.65	16.00	4.78	3.50
3420	Purfeed Dairy Ration	Southington: Louis Perillo Coal Co.	10.13	20.00	20.00	7.65	10.00	5.13	4.50

¹ Does not correspond to guaranty.
² Roesse-Gottlieb Method.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Protein (N x 6.25)			Fiber		Fat	
			Water	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Barber & Bennett, Inc., Albany, N. Y.		%	%	%	%	%	%	%
3171	Big Ben Brand 16% Dairy Feed.....	Plainville: State Farmers' Co-op.....	10.93	17.31	16.00	6.80	12.00	3.58	3.50
1404	Big Ben 20% Dairy Feed.....	Plainville: State Farmers' Co-op.....	10.75	18.75	20.00	6.43	12.00	3.80	3.50
3172	Big Ben Brand 24% Dairy Feed.....	Plainville: State Farmers' Co-op.....	9.83	24.25	24.00	6.98	11.00	4.45	4.00
3175	Egg-O-Laying Mash.....	Plainville: State Farmers' Co-op.....	10.23	21.88	20.00	4.08	7.00	4.30	4.00
1392	Fort Orange Brand Combination Mash with Kelp. "Starting-Growing- Lay- ing"	Plainville: State Farmers' Co-op.....	9.75	21.00	18.00	5.38	7.00	6.68	3.50
1531	Fort Orange Brand Laying and Breed- ing Ma h.....	Kensington: A. S. Labieniec Co., Inc.	9.98	21.25	19.50	4.78	7.00	5.30	4.00
	The B. & B. Dairy Co., Inc., Margaretville, N. Y.								
3692	Buell-Boston Dried Skim Milk.....	Granby: E. H. Rollins.....	4.78	34.25	33.00	.....	.....	0.95 ¹	0.20
	Beacon Milling Co., Inc., Cayuga, N. Y.								
3038	Auburn Brand Auburn Dairy Feed...	Portland: Valley Mills.....	11.63	21.31	20.00	6.78	10.00	3.33	4.00
3405	Beacon Breeders Mash with Buttermilk	Danbury: C. S. Barnum & Son.....	8.98	21.88	20.00	6.38	7.00	5.60	4.00
1601	Beacon Broiler Feed.....	Danbury: C. S. Barnum & Son.....	10.70	18.50	17.00	4.48	6.00	4.88	4.00
1667	Beacon Calf Grain Ration.....	Southbury: H. H. Stone.....	10.98	15.25	15.00	7.51	10.00	4.53	4.00

¹ Reese-Gottlieb Method.

1604	Beacon Calf Pellets.....	Danbury: C. S. Barnum & Son.....	10.15	26.00	25.00	2.83	4.00	3.33	3.50
1607	Beacon Cayuga Developer Feed.....	Danbury: C. S. Barnum & Son.....	12.88	10.13	10.00	1.78	3.00	2.88	2.50
1461	Beacon's Cayuga Growing Mash.....	Bridgeport: H. C. Ferris.....	10.73	17.69	16.00	6.73	7.00	4.68	4.00
3345	Beacon's Cayuga Horse Feed.....	Bridgeport: H. C. Ferris.....	12.48	11.81	10.00	6.58	9.00	2.75	2.50
1462	Beacon's Cayuga Laying Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.68	20.50	20.00	6.55	7.00	5.43	4.00
3760	Beacon's Cayuga Scratch Feed.....	Bridgeport: H. C. Ferris.....	10.35	10.75	9.00	2.83	5.00	2.48	2.00
3759	Beacon CC Pellets.....	Bridgeport: H. C. Ferris.....	8.55	19.38	18.00	3.23	5.00	5.23	1.00
1459	Beacon Complete Starting Ration.....	Bridgeport: H. C. Ferris.....	10.55	18.13	17.50	4.93	6.00	4.43	4.00
3871	Beacon Dairy Ration.....	Danbury: C. S. Barnum & Son.....	8.05	25.88	24.00	7.93	9.00	4.78	4.50
1611	Beacon Developer Feed.....	Danbury: C. S. Barnum & Son.....	12.65	10.19	10.00	1.48	3.00	3.03	2.50
3408	Beacon Duck Laying Pellets.....	Danbury: C. S. Barnum & Son.....	10.00	19.50	17.00	4.63	6.00	4.50	4.50
1460	Beacon Egg Mash with Buttermilk...	Bridgeport: H. C. Ferris.....	9.48	23.19	22.00	5.88	7.00	5.58	4.50
3765	Beacon Fitting Ration.....	Botsford: G. T. Rasmussen.....	9.25	15.75	15.00	6.80	8.00	4.58	4.00
3546	Beacon Flething Pellets.....	Southbury: H. H. Stone.....	9.25	15.69	15.00	5.58	5.00	4.63	3.50
1466	Beacon Growing Mash.....	Shelton: Shelton Grain Co.....	10.55	19.38	18.00	6.43	7.00	4.65	4.00
1668	Beacon Hog Feed.....	Southbury: H. H. Stone.....	10.00	20.13	18.00	6.05	7.00	4.40	5.00
3407	Beacon Scratch Grains.....	Danbury: C. S. Barnum & Son.....	12.00	10.00	9.00	2.25	5.00	2.03	2.00
3346	Beacon Special Scratch Grains.....	Bridgeport: H. C. Ferris.....	11.83	10.00	10.00	2.00	3.50	1.90	2.00
3545	Beacon Special Horse Feed.....	Southbury: H. H. Stone.....	10.85	11.94	10.50	7.18	8.00	3.60	3.50
3343	Beacon Sweet "20".....	Bridgeport: H. C. Ferris.....	10.80	20.75	20.00	6.45	9.00	4.48	4.00
3403	Beacon Sweet "24".....	Danbury: C. S. Barnum & Son.....	10.68	25.25	24.00	7.23	9.00	4.43	4.00
1467	Beacon Turkey Growing Feed.....	Shelton: Shelton Grain Co.....	9.98	20.88	20.00	5.50	7.00	5.05	4.00
3347	Beacon Turkey Starter.....	Bridgeport: H. C. Ferris.....	9.30	24.25	24.00	4.25	6.00	4.78	4.00
3401	Beacon "20".....	Danbury: C. S. Barnum & Son.....	10.08	21.63	20.00	8.10	9.00	4.38	4.50
3344	Cayuga Pasture and Fitting Ration..	Bridgeport: H. C. Ferris.....	10.90	19.56	16.00	7.20	9.00	3.88	3.50
1609	Cayuga Stock Feed.....	Danbury: C. S. Barnum & Son.....	11.30	15.56	15.00	7.85	9.00	3.30	3.50
3764	Corn and Oats Chop.....	Botsford: G. T. Rasmussen.....	9.18	11.38	9.50	5.10	7.00	4.00	4.00
	Bisbee Linseed Co., Philadelphia, Pa.								
1505	Bisbee Brand 34% Protein Old Process Linseed Meal.....	Wallingford: Laden Bros. Co.....	9.28	35.00	34.00	7.75	10.00	6.23	5.00
	Black Rock Milling Corp., Buffalo, N. Y.								
3549	Paramount 20% Dairy Ration.....	Woodbury: C. L. Adams Co.....	9.60	20.13	20.00	9.78	10.00	4.35	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Blatchford Calf Meal Co., Waukegan, Ill.		%	%	%	%	%	%	%
3588	Blatchford's Calf Meal.....	New Milford: Soule Grain Co.....	9.78	25.75	26.00	5.08	6.00	4.58	5.00
	Bradley & Baker, New York, N. Y.								
3396	Dried Beet Pulp.....	Cos Cob: Belmont Feed Co.....	7.85	9.00	7.50	16.53	20.00	0.43	0.50
	A. D. Bridge's Sons, Inc., Hazardville, Conn.								
1882	Success Dairy Ration.....	Hazardville: A. D. Bridge's Sons, Inc.	9.08	23.63	20.00	7.48	9.50	4.68	4.20
	Leon Broder Grain Store, Colchester, Conn.								
1900	L. B. Milk Ration.....	Colchester: Leon Broder Grain Store..	8.78	20.38	20.00	8.90	8.50	5.40	5.00
	C. Buckingham & Co., Southport, Conn.								
1449	C. B. 20% Dairy.....	Southport: C. Buckingham & Co.....	10.15	20.88	20.00	8.30	10.00	4.43	4.00
3369	C. B. 24% Dairy.....	Southport: C. Buckingham & Co.....	10.40	24.31	24.00	8.58	10.00	4.80	4.00
1444	C. B. Egg Mash.....	Southport: C. Buckingham & Co.....	11.05	19.94	19.00	5.58	8.00	4.23	5.00
3368	C. B. Growing Mash.....	Southport: C. Buckingham & Co.....	10.75	16.25	15.00	4.55	6.00	5.13	4.00
1445	C. B. Scratch Feed.....	Southport: C. Buckingham & Co.....	13.55	9.88	10.00	2.25	4.00	2.75	2.00
3367	C. B. Starter.....	Southport: C. Buckingham & Co.....	10.60	18.75	17.00	3.78	5.00	4.10	4.00

	C. W. Burckhalter, Inc., New York, N. Y.								
3872	Burck Brand Powdered Skim Milk...	Danbury: Big Y Feed Store.....	4.55	34.38	32.00	.....	.....	1.03 ¹	0.75
	C. W. Campbell Co., Westerly, R. I.								
3746	Cam Co Dairy Ration.....	Westerly: C. W. Campbell Co.....	8.33	23.13	20.00	9.13	8.00	5.48	4.00
1719	Cam Co Horse Feed.....	Westerly: C. W. Campbell Co.....	12.18	10.25	10.00	5.25	10.00	4.35	3.00
1717	Cam Co Laying Mash.....	Westerly: C. W. Campbell Co.....	10.28	18.00	17.00	6.33	6.50	4.90	4.00
1685	Cam Co Scratch Feed.....	Groton: C. W. Campbell Co.....	12.75	10.50	10.00	1.85	5.00	2.95	2.00
1720	Creamline Dairy Ration.....	Westerly: C. W. Campbell Co.....	8.85	19.81	20.00	12.28	12.00	3.95	4.00
1713	Egg-O Chick and Broiler Ration.....	Westerly: C. W. Campbell Co.....	10.05	17.50	20.00	5.80	5.00	5.90	4.00
1687	Egg-O Chick Starter.....	Groton: C. W. Campbell Co.....	9.60	21.13	18.00	6.68	5.00	5.15	4.00
1692	Egg-O Growing Feed.....	Westerly: C. W. Campbell Co.....	9.50	21.38	18.00	6.28	8.00	5.35	4.00
1690	Egg-O Intermediate Scratch.....	Westerly: C. W. Campbell Co.....	12.08	13.19	10.00	1.65	4.00	4.40	2.00
1686	Egg-O Laying Mash.....	Groton: C. W. Campbell Co.....	8.85	19.25	18.00	7.18	8.00	5.88	4.00
1716	Egg-O Scratch Feed.....	Westerly: C. W. Campbell Co.....	12.83	11.19	10.00	2.50	5.00	2.55	2.00
1691	Egg-O Turkey Grower.....	Westerly: C. W. Campbell Co.....	9.35	20.88	20.00	6.75	8.00	5.60	4.00
3701	Fitting Ration.....	Westerly: C. W. Campbell Co.....	9.05	15.44	14.00	7.25	8.00	5.20	4.00
1714	Hog Ration.....	Westerly: C. W. Campbell Co.....	10.75	16.00	15.00	5.23	8.00	5.73	4.50
3747	Milky Ration.....	Groton: C. W. Campbell Co.....	7.98	22.63	20.00	8.85	8.00	5.75	4.00
3702	Nobotheration Dairy Ration.....	Westerly: C. W. Campbell Co.....	8.55	20.56	20.00	9.00	8.00	4.50	4.00
1718	Provender.....	Westerly: C. W. Campbell Co.....	11.45	11.00	10.00	5.18	8.00	4.35	4.00
	A. B. Caple Co., Toledo, Ohio								
1802	Alfalfa Stem Meal.....	Canaan: Community Service, Inc....	9.10	12.69	9.00	34.75	40.00	1.35	0.80
	Center Milk Products Co., Middlebury Center, Pa.								
3471	Vita Brand Dry Skim Milk.....	Middletown: Meech & Stoddard, Inc.	4.13	36.94	34.00	.....	.....	0.80	1.00
	Central Soya Co., Inc., Decatur, Ind.								
3075	Central 41% Protein Soybean Oil Meal	Seymour: Seymour Grain & Coal Co..	9.98	41.81	41.00	5.39	7.00	5.50	4.50

¹ Roese-Gottlieb Method.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Checkerboard Feed Store, Oswego, N. Y.		%	%	%	%	%	%	%
3674	Ontario 20% Dairy Feed.....	Waterbury: Checker Board Feed Store	8.23	24.63	20.00	9.85	9.50	4.10	4.00
3673	Protana Laying Mash.....	Waterbury: Checker Board Feed Store	8.48	20.13	19.00	7.83	8.50	5.10	3.50
	Clinton Co., Clinton, Iowa								
3618	Clinton Corn Gluten Feed.....	Willimantic: W. D. Grant.....	10.50	29.75	25.00	5.63	8.50	2.30	2.00
	Coatsworth & Cooper, Toronto, Canada								
2991	"C & G" Pure Bran.....	Middlefield: Middlefield Grain & Coal Co.....	11.58	16.31	15.00	10.30	11.50	4.98	3.50
2990	"C & C" Pure Shorts.....	Middlefield: Middlefield Grain & Coal Co.....	11.48	18.06	16.00	7.03	8.00	5.50	5.00
	The Coles Feed & Grain Co., Inc., Middletown, Conn.								
3029	Fortune Chick Starter with Clo-trate Oil.....	Middletown: The Coles Feed & Grain Co., Inc.....	10.68	18.63	18.50	4.23	5.00	6.08	4.00
3698	Fortune Egg Mash with Cod Liver Oil.....	Middletown: The Coles Feed & Grain Co., Inc.....	9.15	20.06	17.00	5.08	9.00	5.88	3.50

3030	Fortune Growing Mash with Cod Liver Oil.....	Middletown: The Coles Feed & Grain Co., Inc.....	11.33	17.00	18.00	5.53	5.00	6.38	4.00
3031	Fortune Scratch Feed.....	Middletown: The Coles Feed & Grain Co., Inc.....	13.30	11.88	10.00	3.13	5.00	3.00	2.50
	Collis Products Co., St. Paul, Minn.								
3159	Collis Process Dried Buttermilk.....	Meriden: Reliable Feed Store.....	9.60	29.06	30.00	.....	.....	4.75 ¹	5.00
	Commander-Larabee Corp., Minneapolis, Minn.								
3658	Sunfed Red Dog, Pure Wheat Product	Norwich: Norwich Grain Co.....	10.20	21.38	16.00	3.23	4.00	4.53	4.00
3036	Sunfed Wheat Bran with ground screenings.....	Middletown: P. Levson & Son.....	12.53	15.81	14.00	9.10	12.00	4.75	4.00
3136	Sunfed Wheat Standard Middlings with ground screenings.....	No. Haven: Economy Feed Service...	11.48	19.88	15.00	6.48	9.50	4.58	4.00
	Community Service, Inc., Lakeville, Conn.								
1834	Community 20% Dairy Ration.....	Canaan: Community Service, Inc....	8.88	22.06	20.00	9.05	9.50	5.30	4.50
1832	Community 20% Dairy Ration "Thrifty Brand".....	Canaan: Community Service, Inc....	8.25	22.38	20.00	10.05	11.00	4.60	4.50
1833	Community Pasture Ration.....	Canaan: Community Service, Inc....	9.03	18.38	16.00	9.60	12.00	4.28	3.50
1831	Community Poultry Mash.....	Canaan: Community Service, Inc....	9.78	19.50	18.00	5.98	6.50	4.78	4.00
	G. E. Conkey Co., Cleveland, Ohio								
1472	Conkey's Y-O (Brand) Growing Mash	Ansonia: A. Hodos & Son.....	10.73	18.50	18.00	5.28	7.00	5.33	5.00
1473	Conkey's Y-O (Brand) (The Original) Starting Feed.....	Ansonia: A. Hodos & Son.....	11.68	17.38	16.00	3.68	5.00	5.55	4.50
	Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.								
1547	"Yankee Brand" High Grade Meat Scrap.....	Long Hill: Long Hill Feed Store.....	6.38	44.75	45.00	1.60	3.00	13.23	7.00

¹ Roesse-Gottlieb Method.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
			%	%	%	%	%	%	%
3431	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry...	Bloomfield: Bloomfield Farmers' Exchange.....	5.75	20.25	20.00	.....	.....	6.05	2.00
3364	Corenco 45% Meat and Bone Scrap...	Southport: C. Buckingham & Co.....	8.68	47.50	45.00	.....	.....	6.90	6.00
1672	Corenco 50% Meat and Bone Scrap...	Guilford: Fred C. Morse & Son.....	6.75	51.63	50.00	.....	.....	7.70	6.00
3616	Corenco 55% Meat Scraps.....	Willimantic: Willimantic Grain Co....	6.70	55.38	55.00	.....	.....	8.00	6.00
1544	Continental Distilling Corp., Philadelphia, Pa. Corn Distillers Dried Grains.....	Long Hill: Long Hill Feed Store.....	4.75	28.50	28.00	14.63	15.00	9.13	9.00
3615	Copeland Flour Mills, Ltd., Midland, Ontario, Canada Copeland's "Dandy Bran".....	Willimantic: Willimantic Grain Co....	11.78	16.38	15.00	10.00	11.50	5.50	3.50
3590	Corn Products Sales Co., New York, N. Y. Buffalo Corn Gluten Feed.....	New Milford: Soule Grain Co.....	11.25	26.50	25.00	7.45	8.50	1.93	2.00
1689	Diamond Corn Gluten Meal.....	Groton: C. W. Campbell Co.....	8.90	43.69	43.00	2.98	4.00	2.54	1.00
1801	Heavy Buffalo Corn Gluten Feed Sweetened.....	Canaan: Community Service, Inc....	10.83	23.38	20.00	6.13	7.00	1.40	1.00

1938	E. A. Cowee Co., Fitchburg, Mass. Coweco Growing Mash.....	Quinebaug: M. T. Dart.....	8.95	17.88	14.00	5.68	6.00	6.53	4.50
1937	Coweco Laying Mash.....	Quinebaug: M. T. Dart.....	9.38	20.69	20.00	5.65	7.50	4.35	4.00
3631	Coweco 20% Ration.....	Quinebaug: M. T. Dart.....	9.65	17.50	20.00	9.70	10.00	3.93	4.00
1939	Coweco Scratch Feed.....	Quinebaug: M. T. Dart.....	11.60	11.50	10.00	3.08	3.00	2.83	2.50
1409	C. A. Cowles, Inc., Plantsville, Conn. Blue Seal Chick Starter.....	Milford: Economy Feed Store.....	10.75	15.63	18.00	3.70	6.00	5.05	4.00
1408	Blue Seal Growing Mash.....	Milford: Economy Feed Store.....	10.43	13.88	16.00	5.63	7.50	5.23	4.00
1405	Blue Seal Laying Mash.....	Milford: Economy Feed Store.....	10.05	19.38	18.00	6.53	6.00	5.08	4.50
1406	Broiler and Starting Mash.....	Milford: Economy Feed Store.....	10.60	17.00	18.00	4.25	8.00	4.50	4.50
3332	20% Dairy Feed.....	Plantsville: C. A. Cowles, Inc.....	10.28	24.38	20.00	8.50	10.00	4.45	5.00
3331	24% Dairy Feed.....	Plantsville: C. A. Cowles, Inc.....	10.23	24.63	24.00	7.68	10.00	4.95	5.00
3330	Horse Feed.....	Plantsville: C. A. Cowles, Inc.....	12.75	11.38	10.00	5.65	10.00	3.90	3.00
3328	Red Seal Laying Mash.....	Plantsville: C. A. Cowles, Inc.....	11.58	18.13	18.00	6.70	6.00	5.58	4.50
3335	Scratch Feed.....	Milford: Economy Feed Store.....	12.18	11.50	10.00	2.93	4.00	2.38	2.25
1551	Chas. M. Cox Co., Boston, Mass. Pioneer Pure Wheat Bran.....	Stepney: Wirthmore Grain & Coal Co.	10.90	17.13	15.00	9.63	11.50	5.90	3.50
1643	Utility Laying Ration.....	New Milford: Soule Grain Co.....	10.33	20.50	18.00	5.28	7.00	4.63	4.00
1895	P. Cutler, Inc., Colchester, Conn. Prosperity Economy Dairy Ration...	Colchester: P. Cutler, Inc.....	9.48	22.81	24.00	9.85	12.00	4.48	3.50
1887	Prosperity Laying Mash.....	Colchester: P. Cutler, Inc.....	8.70	19.13	16.00	8.23	10.00	5.25	4.00
1894	Prosperity Scratch Feed.....	Colchester: P. Cutler, Inc.....	12.50	11.00	10.00	2.73	6.00	3.23	2.00
1896	Prosperity Special Dairy Feed.....	Colchester: P. Cutler, Inc.....	10.23	20.75	20.00	11.05	12.00	4.50	3.50
1886	Prosperity Stock Feed.....	Colchester: P. Cutler, Inc.....	8.28	10.25	9.00	11.25	12.00	5.33	3.00
1480	A. O. Dailey & Sons, Inc., Binghamton, N. Y. Dailey's Baby Chick Grains.....	Ansonia: Farmers Feed & Grain Co....	14.28	12.50	10.00	1.78	5.00	3.90	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	A. O. Dailey & Sons, Inc.,—Cont. Binghamton, N. Y.		%	%	%	%	%	%	%
3064	Dailey's Bingo Horse Feed with Molasses.....	Ansonia: Farmers Feed & Grain Co...	12.88	10.88	9.00	6.04	10.00	3.00	3.00
3063	Dailey's 20 Dairy Ration.....	Ansonia: Farmers Feed & Grain Co...	11.50	21.63	20.00	9.63	10.00	3.65	4.00
1474	Dailey's Egg Producer Mash.....	Ansonia: Farmers Feed & Grain Co...	11.18	21.25	18.00	6.08	7.00	4.60	4.00
1478	Dailey's Egg Record Scratch.....	Ansonia: Farmers Feed & Grain Co...	14.90	10.69	10.00	3.08	5.00	2.98	2.50
1476	Dailey's Special Laying Mash.....	Ansonia: Farmers Feed & Grain Co...	10.98	18.94	20.00	5.80	7.50	5.50	5.00
1475	Dailey's Starting Mash.....	Ansonia: Farmers Feed & Grain Co...	11.78	18.63	18.00	4.45	5.50	5.18	5.00
	Dairymen's League Co-op. Assoc., Inc., New York, N. Y.								
3406	Dairylea Choice Feed Grade Dried Skim Milk.....	Danbury: C. S. Barnum & Son.....	6.80	33.88	33.00	.....	.....	0.85 ¹	0.50
	R. G. Davis & Sons, Inc., New Haven, Conn.								
3059	Basic Dairy Ration.....	Ansonia: Ansonia Flour & Feed Co...	11.35	21.75	20.00	7.30	9.00	3.90	4.50
3385	Davis Mash with Buttermilk.....	Noroton: Davis Grain Co.....	10.63	17.88	18.50	4.60	7.00	4.40	5.00
1884	Davis Horse Feed.....	Clinton: Clinton Grain Co.....	11.70	9.75	9.00	6.98	10.00	3.60	3.00
3756	Davis Scratch Feed.....	New Haven: R. G. Davis & Sons, Inc.	11.35	10.38	10.00	2.18	5.00	2.23	2.00
1413	Davis Stock Feed.....	Milford: Milford Grain Co.....	8.40	10.69	10.00	9.55	14.00	4.70	2.00

¹ Roese-Gottlieb Method.

	Deep River Feed Store, Deep River, Conn.								
1677	Paris Laying Mash.....	Guilford: Fred C. Morse & Son.....	10.08	18.63	18.00	4.48	6.00	5.53	4.00
	Delaware Mills, Inc., Deposit, N. Y.								
1898	Delaware All Mash Chick Starter (with Dried Skim Milk and Cod Liver Oil)	Colchester: J. Boretz.....	10.23	17.94	17.00	5.68	6.00	5.30	5.00
1899	Delaware Chick Grains.....	Colchester: J. Boretz.....	12.78	10.81	10.00	1.55	3.00	2.83	3.00
3528	Delaware 85% Horse Feed.....	Manchester: North End Feed Store...	11.60	10.94	9.00	7.00	9.00	3.13	3.00
1608	Delaware Intermediate Chick Grains.....	Danbury: C. S. Barnum & Son.....	13.00	9.13	10.00	1.80	3.00	3.03	2.50
1603	Delaware Scratch Grains.....	Danbury: C. S. Barnum & Son.....	13.88	10.00	10.00	2.25	3.00	2.95	2.50
1897	Delaware Starter and Broiler Ration (with Dried Skim Milk and Cod Liver Oil)	Colchester: J. Boretz.....	10.28	18.38	18.00	5.93	6.00	5.10	4.50
3529	Delaware Stock Feed.....	Manchester: North End Feed Store...	9.15	11.38	9.00	9.43	12.00	3.90	3.00
1605	Indian Laying Mash (with Dried Skim Milk)	Danbury: C. S. Barnum & Son.....	10.38	19.38	18.00	6.68	8.00	5.10	4.50
1610	Indian Scratch Grains.....	Danbury: C. S. Barnum & Son.....	13.45	10.50	10.00	2.48	4.00	3.13	2.50
3404	Indian Sweet 20% Dairy Feed.....	Danbury: C. S. Barnum & Son.....	10.00	19.63	20.00	10.26	12.00	4.15	4.00
3409	Indian Sweet 24% Dairy Feed.....	Danbury: C. S. Barnum & Son.....	9.68	20.13	24.00	11.25	12.00	4.38	4.00
1606	Open Formula Laying Mash with Cod Liver Oil.....	Danbury: C. S. Barnum & Son.....	10.33	18.38	17.00	6.30	6.50	5.50	4.00
	The Dewey Bros. Co., Blanchester, Ohio								
1482	Corn 3D (Dewey's Distillers Dried) Grains.....	Seymour: Seymour Grain & Coal Co.	4.33	31.25	28.00	12.00	14.00	11.18	8.00
	Dietrich & Gambrill, Inc., Frederick, Md.								
1929	All Purpose Complete Ration Starter-Grower-Layer.....	Danielson: Young Bros. Co.....	10.13	18.38	15.00	3.43	6.00	5.23	4.50
3630	Canton Scratch Feed.....	Eastford: Wm. S. Warren.....	12.35	11.25	10.00	2.08	4.00	2.23	2.50
3640	D & G Calf Meal.....	Danielson: Young Bros. Co.....	8.93	25.00	21.00	3.95	3.50	4.95	4.00
3637	D & G Dairy Feed.....	Danielson: Young Bros. Co.....	9.45	20.88	20.00	11.90	12.00	3.63	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Dietrich & Gambrill, Inc.,—Cont. Frederick, Md.		%	%	%	%	%	%	%
3641	D & G Poultry Conditioning Ration..	Danielson: Young Bros. Co.....	9.35	17.13	15.00	2.83	6.00	6.55	6.00
3629	Frederick Horse Feed.....	Eastford: Wm. S. Warren.....	11.18	9.38	7.00	7.55	12.00	2.68	2.00
3639	Frederick Stock Feed.....	Danielson: Young Bros. Co.....	9.25	9.38	7.50	11.78	12.00	3.23	3.00
1930	Gambrill's Chick Grains.....	Danielson: Young Bros. Co.....	12.13	10.94	10.00	1.50	3.00	3.10	2.50
1928	Gambrill's Laying Mash.....	Danielson: Young Bros. Co.....	10.03	21.88	20.00	4.95	7.00	5.05	5.00
1927	Gambrill's Scratch Feed.....	Danielson: Young Bros. Co.....	12.43	10.88	10.00	2.05	4.00	2.68	2.50
	Duluth-Superior Milling Co., Minneapolis, Minn.								
3435	Duluth Imperial Wheat Bran with ground screenings.....	Farmington: Farmington Grain Co...	11.38	17.75	15.00	8.43	13.00	4.73	3.75
	A. G. Dunn, New York, N. Y.								
1885	Brazilian Wheat Bran with ground screenings not exceeding mill run....	Clinton: Clinton Grain Co.....	9.28	15.63	13.00	9.58	13.00	4.10	4.00
	Eastern States Farmers' Exchange, Springfield, Mass.								
1862	Eastern States All-Mash Developer...	East Hartford: Eastern States Branch	10.38	15.63	14.50	4.78	7.00	4.58	3.50

3577	Eastern States Calf Starter.....	Torrington: Eastern States Warehouse	9.10	24.50	23.00	2.95	4.00	6.10	3.50
1873	Eastern States Chick Grains.....	East Hartford: Eastern States Branch	12.45	11.00	9.50	1.25	3.00	1.95	2.00
1640	Eastern States Combination Mash...	New Milford: Paul Caldwell.....	11.03	16.50	15.00	4.85	6.50	5.55	4.00
1635	Eastern States Developer.....	New Milford: Paul Caldwell.....	9.58	20.38	18.50	5.80	6.50	5.10	4.00
3612	Eastern States Egg Mash.....	Willimantic: Eastern States Branch...	9.75	20.63	20.00	4.98	6.50	6.23	4.00
1861	Eastern States Fattener Mash.....	East Hartford: Eastern States Branch	8.98	20.56	14.50	5.73	5.00	4.43	4.00
1863	Eastern States Fattening Mash for Ducks.....	East Hartford: Eastern States Branch	10.33	16.25	14.50	2.68	5.00	4.28	4.00
3482	Eastern States Fitting Ration.....	East Hartford: Eastern States Branch	10.58	14.00	12.00	6.15	8.00	4.88	3.50
1909	Eastern States Flushing Mash.....	Norwich: A. E. Shedd.....	8.45	19.50	18.50	2.53	4.00	3.50	2.50
3493	Eastern States Fulpal Dairy Ration..	Granby: C. M. Beeman.....	10.28	21.13	20.00	6.93	8.50	4.70	4.50
1636	Eastern States Ground Corn and Oats	New Milford: Paul Caldwell.....	12.15	11.13	9.00	4.35	7.00	3.93	4.00
3578	Eastern States Highland 12.....	Torrington: Eastern States Warehouse	9.68	13.88	12.00	10.48	11.00	3.65	3.00
3483	Eastern States Highland 16.....	East Hartford: Eastern States Branch	8.88	17.63	16.00	10.40	11.00	4.15	4.00
3486	Eastern States Highland 20.....	East Hartford: Eastern States Branch	9.38	21.25	20.00	10.53	11.50	4.68	4.00
1908	Eastern States Hog Meal.....	Norwich: A. E. Shedd.....	11.38	15.25	14.50	2.90	5.00	5.65	4.00
3487	Eastern States Horse Feed.....	East Hartford: Eastern States Branch	11.38	12.50	11.00	5.58	7.50	3.83	3.00
3484	Eastern States Intermediate Scratch Grains.....	East Hartford: Eastern States Branch	10.98	11.13	9.50	1.70	3.00	2.78	2.00
1872	Eastern States Laying Mash for Ducks	East Hartford: Eastern States Branch	9.88	18.00	16.50	4.43	6.50	5.53	4.00
3485	Eastern States Milkmore Dairy Ration	East Hartford: Eastern States Branch	10.23	24.50	24.00	6.83	9.00	5.03	4.50
1637	Eastern States Producer Mash.....	New Milford: Paul Caldwell.....	10.00	18.38	17.00	5.35	6.50	6.50	4.00
1641	Eastern States Producer 20.....	New Milford: Paul Caldwell.....	10.28	20.44	20.00	5.08	6.00	6.58	4.00
3613	Eastern States Scratch Grains (with Whole Corn).....	Willimantic: Eastern States Branch..	11.73	11.00	10.50	2.95	4.00	3.08	2.50
3647	Eastern States Scratch Grains (with Coarse Cracked Corn).....	Norwich: A. E. Shedd.....	10.70	10.25	10.00	3.23	4.00	2.83	2.50
1639	Eastern States Scratch Grains 1931...	New Milford: Paul Caldwell.....	12.40	11.13	9.50	1.75	3.00	2.58	2.50
3494	Eastern States Sixteen Dairy Ration..	Granby: C. M. Beeman.....	10.40	16.88	16.00	6.05	8.00	4.90	4.00
1638	Eastern States Starting and Broiler Ration.....	New Milford: Paul Caldwell.....	9.35	19.63	18.50	4.08	5.00	5.15	4.00
3481	Eastern States Starting and Growing Mash for Ducks.....	East Hartford: Eastern States Branch	9.53	16.63	15.50	3.85	6.00	5.00	4.00
1860	Eastern States Turkey Grow.....	East Hartford: Eastern States Branch	8.80	21.88	20.00	4.00	5.00	5.58	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Eastern States Farmers' Exchange, Springfield, Mass.—Cont.		%	%	%	%	%	%	%
3488	Eastern States Turkey Start.....	East Hartford: Eastern States Branch	8.38	25.25	24.00	3.98	5.00	6.23	4.50
3693	Eastern States 32% Supplement Feed.	East Hartford: Eastern States Branch	8.18	33.88	32.00	7.00	8.00	5.08	4.50
	Egg-O Milk Co., Baltimore, Md.								
3376	Egg-O-Milk Blend.....	Norwalk: Libner Grain Co.....	10.23	32.25	32.00	2.75	4.00	2.05	2.00
	Elmore Milling Co., Inc., Oneonta, N. Y.								
1688	Elmore Chixsaver.....	Groton: C. W. Campbell Co.....	9.28	18.38	16.50	5.18	8.00	6.08	4.00
1921	Elmore Complete Broiler Ration.....	Danielson: United Farmers' Co-op.....	9.90	20.81	17.00	6.15	5.00	5.50	4.00
1879	Elmore Egg Mash.....	Hazardville: A. D. Bridge's Sons.....	10.33	20.13	20.00	5.08	8.00	5.63	4.00
1878	Elmore Growing Mash.....	Hazardville: A. D. Bridge's Sons.....	10.50	19.13	17.00	5.58	8.00	4.60	4.00
3428	Elmore Horse Feed with Molasses.....	Plainville: W. S. Eaton.....	11.90	10.88	9.00	4.78	11.00	2.93	2.50
1925	Elmore Intermediate Chick Feed.....	Danielson: United Farmers' Co-op.....	12.20	11.25	10.00	1.95	3.00	2.50	3.00
1880	Elmore M. A. C. Laying Mash.....	Hazardville: A. D. Bridge's Sons.....	9.88	18.25	17.00	6.65	7.00	5.28	5.00
3682	Elmore Milk Grains Junior.....	Bristol: Bristol Grain & Supply Co.....	8.43	24.06	20.00	7.28	10.00	4.63	4.50
3427	Elmore Milk Grains Junior, Sweet.....	Plainville: W. S. Eaton.....	9.90	22.75	20.00	7.58	10.00	4.48	4.50
3644	Elmore Scratch Feed.....	Danielson: United Farmers' Co-op.....	12.20	11.88	10.00	2.53	7.00	2.70	2.50
3506	Elmore Stock Feed.....	Hazardville: A. D. Bridge's Sons.....	9.53	11.44	10.00	9.63	12.00	4.48	3.00

3429	Elmore Turkey Growing Mash.....	Plainville: W. S. Eaton.....	9.55	20.69	20.00	6.95	8.00	5.58	3.50
1881	Emco Scratch Feed.....	Hazardville: A. D. Bridge's Sons.....	11.45	12.69	10.00	3.15	7.00	2.85	2.50
3425	Granger 20% Dairy Ration.....	Plainville: W. S. Eaton.....	9.58	22.06	20.00	9.43	11.00	4.15	4.00
3643	Waldorf 20% Dairy Ration.....	Danielson: United Farmers' Co-op.....	9.73	19.00	20.00	10.65	11.00	4.83	4.00
	John W. Eshelman & Sons, Lancaster, Pa.								
3453	Eshelman Certified 20% Dairy Ration	Thomaston: Thomaston Supply Co.....	9.03	22.63	20.00	7.48	8.00	4.25	4.00
3808	Eshelman Challenge Dairy Feed.....	Bethel: Morrison & Dunham.....	9.45	25.19	24.00	8.70	11.00	5.18	4.00
3112	Eshelman Conestoga 20 Dairy.....	Wallingford: A. E. Hall.....	9.85	22.06	20.00	10.03	11.00	4.88	4.00
1576	Eshelman Garden Spot Horse Feed...	So. Norwalk: Roodner Feed Co.....	10.83	9.19	7.00	10.73	11.00	3.30	2.00
3417	Eshelman Lancaster 20 Dairy Feed...	Bethel: Morrison & Dunham.....	9.98	21.88	20.00	7.98	11.00	4.58	4.00
1583	Eshelman Lancaster 60 Horse Feed...	Bethel: Morrison & Dunham.....	12.58	9.75	9.00	8.88	11.00	3.28	2.50
1585	Eshelman Lancaster Scratch Grains...	Bethel: Morrison & Dunham.....	12.53	10.19	9.00	2.48	4.00	3.10	2.50
3448	Eshelman Liberty Horse Feed.....	Southport: C. Buckingham & Co.....	11.30	9.06	6.00	11.45	16.00	2.48	1.50
3758	Eshelman Open Formula 20 Dairy Feed	New Haven: Moran-Patton Co.....	9.05	20.94	20.00	7.33	9.00	4.65	4.00
3394	Eshelman Pennsy 16 Dairy Feed.....	Cos Cob: Belmont Feed Co.....	11.05	17.06	16.00	9.38	11.00	4.20	3.00
3393	Eshelman Pennsy Laying Mash.....	Cos Cob: Belmont Feed Co.....	10.25	19.00	18.00	6.88	8.50	4.30	5.00
1854	Eshelman Red Rose All Mash Starter.	Simsbury: H. B. Bunnell & Co.....	7.98	18.06	16.00	4.58	6.50	4.88	4.00
1581	Eshelman Red Rose Chick Grains.....	Bethel: Morrison & Dunham.....	12.18	11.63	10.00	1.68	3.00	3.45	3.00
1580	Eshelman Red Rose Chick Starter.....	Bethel: Morrison & Dunham.....	7.50	18.00	16.50	4.68	6.00	5.13	4.00
3113	Eshelman Red Rose 24 Dairy Feed...	Wallingford: A. E. Hall.....	9.98	24.63	24.00	8.55	11.00	4.38	4.00
3395	Eshelman Red Rose Duck Mash.....	Cos Cob: Belmont Feed Co.....	10.83	20.81	19.00	5.78	7.00	4.85	4.00
3763	Eshelman Red Rose Fattening Mash...	Cos Cob: A. R. Belmont.....	8.25	18.25	14.00	4.80	5.00	5.50	4.50
1855	Eshelman Red Rose Growing Mash with Cod Liver Oil.....	Simsbury: H. B. Bunnell & Co.....	9.30	19.63	16.00	5.55	7.00	4.85	4.00
3455	Eshelman Red Rose 85 Horse Feed...	Thomaston: Thomaston Supply Co...	10.90	11.13	9.00	6.83	10.00	4.05	3.00
3807	Eshelman Red Rose Laying Mash...	Bethel: Morrison & Dunham.....	9.38	22.06	20.00	6.68	7.00	5.73	5.00
1584	Eshelman Red Rose Laying Mash with Cod Liver Oil.....	Bethel: Morrison & Dunham.....	9.58	22.31	20.00	5.88	7.00	5.38	5.00
1582	Eshelman Red Rose Scratch Grains...	Bethel: Morrison & Dunham.....	12.23	10.88	10.00	2.43	4.00	3.35	2.50
3392	Eshelman Red Rose Stock Feed.....	Cos Cob: Belmont Feed Co.....	10.18	12.50	9.00	9.75	11.00	3.03	3.00
3454	Eshelman S-O-S.....	Thomaston: Thomaston Supply Co...	9.83	14.25	11.00	14.38	15.00	2.68	2.00
3134	Eshelman Steam Cooked Horse Feed.	New Britain: Wm. Cohen, Inc.....	10.05	10.19	9.00	4.45	6.00	4.18	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
			%	%	%	%	%	%	%
1644	Evans Milling Co., Indianapolis, Ind. Emco Hominy Feed.....	New Milford: Soule Grain Co.....	9.85	11.25	10.00	5.30	6.00	6.65	6.00
1573	Farmers Feed Co., New York, N. Y. "Bull Brand" Dried Brewers Grains...	So. Norwalk: Roodner Feed Co.....	6.30	26.38	26.00	13.73	17.00	6.95	6.00
1417	Farmers Flour & Grain Co., Stratford, Conn. Superior Dairy Feed with Molasses and Minerals.....	Stratford: Farmers Flour & Grain Co..	10.25	22.69	20.00	7.45	8.00	4.53	4.00
1416	Superior Laying Mash.....	Stratford: Farmers Flour & Grain Co..	11.48	21.00	19.00	6.38	7.00	5.33	4.00
3153	Fernando Valley Milling & Supply Co., Los Angeles, Calif. Fernando Alfalfa Meal Fine Ground...	Wallingford: Laden Bros. Co., Inc....	8.08	16.50	16.00	25.60	26.00	2.48	2.00
1559	Fernando Ideal Greens Alfalfa Leaf Meal.....	Norwalk: Libner Grain Co., Inc.....	8.48	18.75	20.00	20.45	18.00	2.90	2.50
3534	First National Stores, Inc., Somerville, Mass. Henfield Egg Mash.....	Burnside: First National Stores, Inc..	9.13	21.19	20.00	6.75	7.00	6.15	4.50
3533	Henfield Scratch Grains.....	Burnside: First National Stores, Inc..	12.03	11.88	10.00	2.83	5.00	3.55	2.50
1792	Flag Fish Co., Inc., New York, N. Y. Flag Fish Meal.....	Torrington: Torrington Grain Co.....	11.30	60.75	60.00	.....	.....	9.33	3.00
1935	J. B. Garland & Son, Worcester, Mass. Garland's Economy Egg Mash.....	No. Grosvenordale: Thompson Grain Co.....	8.98	19.50	18.00	7.00	7.00	4.48	4.00
1936	Garland's Economy Scratch Feed....	No. Grosvenordale: Thompson Grain Co.....	12.65	11.63	10.00	2.50	3.00	2.68	2.50
1934	Garland's Growing Mash.....	No. Grosvenordale: Thompson Grain Co.....	9.20	17.63	14.00	5.48	8.00	5.25	4.00
1933	Garland's Laying Mash.....	No. Grosvenordale: Thompson Grain Co.....	10.28	21.81	20.00	5.20	8.00	4.38	4.00
3632	Royal Worcester Complete Ration...	No. Grosvenordale: Thompson Grain Co.....	10.48	20.00	20.00	8.55	10.00	3.83	3.00
3496	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy Wheat Mixed Feed.....	Suffield: Spencer Bros.....	10.35	18.13	15.00	4.43	7.50	4.45	3.50
3388	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings.....	Noroton: Davis Grain Co.....	12.00	16.25	14.00	9.40	12.00	5.00	4.00
3452	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.....	Bristol: C. A. Cowles, Inc.....	10.10	17.63	15.00	6.40	9.50	4.73	4.00
3372	Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.....	So. Norwalk: Roodner Feed Co.....	11.18	18.19	16.00	2.30	4.00	4.38	3.50
1835	Geneva Milling Co., Inc., Geneva, N. Y. Genesota Hard Wheat Flour Middlings	Canaan: Community Service, Inc....	11.13	17.63	16.00	2.88	6.00	4.25	4.00
1477	Genesota Standard Wheat Bran.....	Ansonia: Farmers Feed & Grain Co...	11.60	18.19	15.00	8.28	12.00	5.08	4.00
1840	D. H. Grandin Milling Co., Jamestown, N. Y. Economy Scratch Grains.....	Sharon: F. A. Wike & Co.....	11.93	11.75	10.00	2.85	5.00	2.95	2.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	D. H. Grandin Milling Co.,—Cont. Jamestown, N. Y.		%	%	%	%	%	%	%
1838	Grandin's Baby Chick Feed	Sharon: F. A. Wike & Co.	12.03	11.38	10.00	1.38	5.00	2.20	2.50
3525	Grandin's Intermediate Chick Feed	Manchester: O. E. Bailey	10.73	11.94	10.00	1.70	5.00	3.45	2.50
1836	Grandin's Laying Mash (contains Concentrated Cod Liver Oil)	Sharon: F. A. Wike & Co.	8.93	20.50	20.00	6.83	8.00	4.85	4.00
1843	Grandin's Milk Maker	Sharon: F. A. Wike & Co.	8.75	21.81	20.00	8.18	12.00	4.73	5.00
1839	Grandin's Screened Scratch Feed	Sharon: F. A. Wike & Co.	12.08	10.38	10.00	3.05	5.00	2.68	2.50
1837	Grandin's Start-To-Finish Mash	Sharon: F. A. Wike & Co.	9.63	18.38	16.00	6.53	7.00	5.03	4.00
1842	Grandin's Stock Food	Sharon: F. A. Wike & Co.	8.50	10.19	8.50	11.58	12.00	4.68	4.00
3527	Grandin's Sweetened 20% Dairy Feed	Manchester: O. E. Bailey	10.48	21.25	20.00	6.73	10.00	4.23	4.00
1844	Grandin's Sweetened 24% Dairy	Sharon: F. A. Wike & Co.	10.68	24.00	24.00	6.43	10.00	4.10	4.00
3526	Grandin's Sweetened Horse Feed	Manchester: O. E. Bailey	10.35	10.81	9.50	5.60	11.00	3.78	3.50
	Grand Union Stores, Inc., New York, N. Y.								
3398	Peerless Laying Mash	Springdale: Grand Union Stores, Inc.	10.38	20.19	20.00	7.33	8.00	4.03	4.00
3397	Peerless Scratch Grains	Glenbrook: Grand Union Stores, Inc.	11.93	12.25	10.00	3.18	5.00	2.50	2.50
	Great Atlantic & Pacific Tea Co., Minneapolis, Minn.								
1577	Daily Egg Laying Mash Feed	Bethel: Great A. & P. Tea Co.	10.15	21.81	20.00	5.73	6.50	4.35	4.00

3383	Daily Egg Scratch Feed	Noroton: Great A. & P. Tea Co.	12.93	11.00	10.00	2.43	5.00	2.53	2.50
3531	Daily Growth Calf Meal	So. Manchester: Great A. & P. Tea Co.	9.85	26.94	25.00	3.95	5.00	4.33	4.00
1578	Daily Growth Chick Starter	Bethel: Great A. & P. Tea Co.	10.38	17.63	16.00	4.90	5.00	4.98	4.00
3530	Daily Growth Developing Feed	So. Manchester: Great A. & P. Tea Co.	10.70	11.50	10.00	1.58	4.00	3.45	2.50
1579	Daily Growth Fine Chick Feed	Bethel: Great A. & P. Tea Co.	12.53	11.13	10.00	1.50	5.00	1.90	3.00
3384	Daily Growth Growing Mash	Noroton: Great A. & P. Tea Co.	10.80	18.94	17.50	6.58	6.50	5.10	4.00
3532	Daily Growth Turkey Starter	So. Manchester: Great A. & P. Tea Co.	9.15	24.13	26.00	6.78	7.00	4.38	4.25
3416	Daily Horse Feed	Bethel: Great A. & P. Tea Co.	11.78	11.25	9.50	7.35	10.00	3.55	3.00
3413	Daily Milk Dairy Feed	Bethel: Great A. & P. Tea Co.	11.13	19.81	16.00	8.93	12.00	3.68	3.50
3414	Milky Way Dairy Feed 20%	Bethel: Great A. & P. Tea Co.	11.13	24.38	20.00	8.13	9.00	3.58	3.50
3415	Milky Way Dairy Feed 24%	Bethel: Great A. & P. Tea Co.	11.15	25.50	24.00	4.28	9.00	2.95	3.50
	Greenport Feed Corp., Brooklyn, N. Y.								
3876	Greenport Dairy Feed with Molasses	Danbury: Lyman Keeler	10.05	15.38	18.00	5.13	11.00	3.60	4.50
	Hales & Hunter Co., Chicago, Ill.								
1529	Red Comb Broiler Mash with Dried Buttermilk	Bristol: C. A. Cowles, Inc.	10.68	19.63	18.00	4.73	7.00	5.28	4.00
3873	Red Comb Egg Mash with Dried Buttermilk	Plantsville: C. A. Cowles, Inc.	8.90	19.75	18.00	5.95	7.00	5.30	4.00
1530	Red Comb Growing Mash with Dried Buttermilk	Bristol: C. A. Cowles, Inc.	9.95	18.75	16.00	5.55	7.00	5.60	4.00
3418	Red Comb Scratch Feed, No Grit (Pellets)	Mt. Carmel: Mt. Carmel Grain Co.	11.33	11.63	10.00	4.70	5.00	3.25	2.50
	Frank B. Ham & Co., Ltd., Toronto, Canada								
3348	"Hamco" Brand Wheat Bran	Stepney: Stepney Big Y Feed Store	12.58	16.63	15.00	9.80	11.50	5.33	3.50
3024	"Hamco" Brand Wheat Shorts	Middlefield: Middlefield Center Grain Co.	12.43	16.00	16.00	7.10	8.00	5.20	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
			%	%	%	%	%	%	%
3371	Dwight Hamlin Co., Pittsburgh, Pa. Hamlin's Dried Brewers Grains.....	So. Norwalk: Roodner Feed Co.....	8.80	26.31	24.00	14.13	18.00	6.83	6.00
1613	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice Wheat Bran.....	Danbury: Benjamin Feed Co.....	10.58	18.63	13.50	9.70	14.00	5.25	3.50
3060	Wheat Red Dog.....	Ansonia: Ansonia Flour & Feed Co...	11.68	18.38	15.00	2.03	4.75	2.55	3.85
3766	Wheat Standard Middlings.....	Botsford: G. T. Rasmussen.....	9.13	19.38	15.00	6.73	9.50	5.25	4.75
1355	The Hubinger Co., Keokuk, Iowa Ke Ok Uk Corn Gluten Feed.....	Mt. Carmel: Hamden Grain Co.....	10.58	26.00	25.00	7.25	8.50	3.55	2.00
3539	Humphreys-Godwin Co., Memphis, Tenn. Dixie Brand 41% Protein Prime Cottonseed Meal.....	Southbury: Southbury Grain Co.....	8.20	41.00	41.00	9.05	12.00	5.95	5.00
3575	Illinois Cereal Mills, Inc., Paris, Ill. White Hominy Feed.....	Torrington: Litchfield County Co-op..	10.85	10.88	10.00	4.08	5.00	6.73	6.00

3460	Imperial Grain & Milling Co., Toledo, Ohio Imperial Steam Cooked Feed.....	Branford: S. V. Osborn Est.....	8.88	10.75	9.50	4.63	4.60	4.55	4.00
3135	International Milling Co., Minneapolis, Minn. Blackhawk Pure Wheat Bran.....	North Haven: Economy Feed Service.	11.75	16.75	15.00	8.88	12.00	4.88	3.20
3341	Blackhawk Wheat Red Dog.....	Stratford: Farmers Flour & Grain Co.	11.23	18.00	16.00	2.90	4.00	3.93	3.50
3154	Blackhawk Wheat Standard Middlings with Ground Screenings.....	Wallingford: Laden Bros. Co., Inc...	11.20	19.00	16.00	7.78	8.50	5.83	4.50
2988	Kellogg Co. of Canada, Ltd., London, Ontario, Canada O-Corn-O Hominy.....	Montowese: Economy Feed Service..	9.68	10.25	10.00	4.00	4.00	8.43	7.00
3023	Kellogg Sales Co., Battle Creek, Mich. White Hominy Feed.....	Middlefield: Terrill & Burnham.....	11.10	10.94	10.00	3.88	5.00	7.08	6.00
1560	Kelloggs & Miller, Inc., Amsterdam, N. Y. K & M Brand 34% Protein Old Process Linseed Meal.....	Norwalk: Libner Grain Co., Inc.....	9.08	38.25	34.00	6.68	10.00	5.63	5.00
1723	Spencer Kellogg & Sons, Inc. Buffalo, N. Y. Kellogg's 37% Protein Old Process Linseed Meal.....	West Cheshire: Cheshire Grain & Coal Co.....	9.48	40.63	37.00	5.73	9.00	5.08	4.50
3108	Keystone Dairy Co., New York, N. Y. Skim Milk Powder.....	Wallingford: A. E. Hall.....	7.35	33.50	32.00	....	....	0.75 ¹	0.75
1803	Chas. A. Krause Milling Co., Milwaukee, Wis. Badger White Hominy Feed.....	Canaan: Community Service, Inc....	9.78	11.06	10.00	4.63	5.00	6.70	6.00

¹ Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	H. P. Kysor Feed & Grain Co., New Haven, Conn.		%	%	%	%	%	%	%
1394	Kysor's A-1 Chick Starter Ration....	Plainville: State Farmers' Co-op.....	9.98	17.50	17.50	4.35	6.00	5.73	4.00
3173	Kysor's A-1 20% Dairy Ration.....	Plainville: State Farmer's Co-op.....	11.43	22.00	20.00	6.35	8.00	4.05	4.00
3174	Kysor's A-1 24% Dairy Ration.....	Plainville: State Farmers' Co-op.....	10.55	24.13	24.00	6.50	8.00	4.43	4.00
1391	Kysor's A-1 Growing Mash with Cod Liver Oil.....	Plainville: State Farmers' Co-op.....	9.78	19.25	17.50	4.90	6.50	6.10	4.00
3043	Kysor's A-1 Horse Feed.....	Shelton: Shelton Grain Co.....	12.28	11.00	10.00	5.08	8.00	3.13	4.00
1393	Kysor's A-1 Laying Mash with Cod Liver Oil.....	Plainville: State Farmers' Co-op.....	10.23	20.25	19.50	5.00	7.00	4.95	4.00
1403	Kysor's A-1 Scratch Feed.....	Plainville: State Farmers' Co-op.....	11.40	11.44	10.00	2.33	5.00	2.73	2.50
	The Laden Bros. Co., Inc., Wallingford, Conn.								
1502	Laden's Baby Chick Starter.....	Wallingford: Laden Bros. Co., Inc.....	10.58	19.63	17.50	4.25	5.00	5.28	5.00
1506	Laden's Dairy 20%.....	Wallingford: Laden Bros. Co., Inc.....	10.63	21.38	20.00	10.15	9.00	4.50	4.50
1503	Laden's Growing Mash.....	Wallingford: Laden Bros. Co., Inc.....	11.00	18.25	17.00	4.85	5.00	5.93	5.50
1504	Laden's Laying Mash.....	Wallingford: Laden Bros. Co., Inc.....	11.35	19.38	20.00	5.68	5.00	5.55	5.50
1857	Laden's Starter & Broiler Mash.....	Wallingford: Laden Bros. Co., Inc.....	10.98	19.50	17.00	5.30	5.00	5.65	4.50

	Lake of the Woods Milling Co., Ltd. Montreal, Canada								
3457	Lakewoods Wheat Bran.....	Branford: S. V. Osborn Est.....	11.80	17.13	15.00	10.48	11.50	5.48	3.50
3458	Lakewoods Wheat Shorts.....	Branford: S. V. Osborn Est.....	11.45	19.75	16.00	7.23	8.00	5.43	5.00
	Larrowe Milling Co., Detroit, Mich.								
3508	Dried Beet Pulp.....	Hazardville: A. D. Bridge's Sons.....	11.20	9.88	7.00	20.30	22.50	0.70	0.30
3160	Dried Molasses-Beet Pulp.....	Meriden: Reliable Feed Store.....	8.80	12.31	7.00	14.90	20.00	0.60	0.30
3461	Larro Broiler Feed.....	Branford: S. V. Osborn Est.....	8.88	19.00	18.00	6.98	6.50	4.95	4.00
3329	Larro Calf Meal.....	Plantsville: C. A. Cowles, Inc.....	9.55	25.00	23.00	3.45	4.00	4.03	4.00
1407	Larro Chick Builder.....	Milford: Economy Feed Store.....	9.53	21.50	19.00	5.60	7.00	4.73	4.00
1412	Larro Chick Grains.....	Milford: Economy Feed Store.....	12.40	11.13	10.00	1.28	4.00	2.55	2.00
1410	Larro Egg Mash.....	Milford: Economy Feed Store.....	9.38	21.88	20.00	5.93	7.50	4.90	4.00
3334	Larro Growing Grains.....	Milford: Economy Feed Store.....	12.43	11.63	10.00	1.60	4.00	3.68	2.00
3327	Larro Pig Feed.....	Plantsville: C. A. Cowles, Inc.....	9.98	17.63	17.50	6.38	7.50	4.90	4.00
3875	Larro Scratch Grains.....	Unionville: Lawton-Miner Co.....	10.60	10.94	10.00	2.30	4.00	2.00	2.00
3374	Larro The Ready Ration for Dairy Cows.....	So. Norwalk: Roodner Feed Co.....	10.48	20.56	20.00	10.20	12.00	3.83	3.75
1411	Larro Turkey Adult Mash.....	Milford: Economy Feed Store.....	9.83	21.63	20.00	6.38	7.50	4.83	4.00
3504	Larro Turkey Grower.....	Thompsonville: Geo. S. Phelps & Co.....	8.35	26.56	24.00	4.75	6.50	4.98	4.50
3507	Larrowe's 16 Dairy Feed.....	Hazardville: A. D. Bridge's Sons.....	9.35	17.50	16.00	9.65	11.00	3.63	3.00
1537	41% Protein Cottonseed Meal.....	Branford: S. V. Osborn Est.....	7.65	41.00	41.00	9.95	10.00	5.83	6.00
	Franklin L. Lewi, Inc., New York, N. Y.								
1542	Brazilian Wheat Bran Product of Brazil	Long Hill: Long Hill Feed Store.....	10.23	15.63	13.00	9.48	13.00	4.33	4.00
3333	Product of Argentina Wheat Bran with Ground Screenings	Milford: Economy Feed Store.....	11.68	15.63	13.00	11.53	13.00	3.63	4.00
3042	Product of Argentina Wheat Standard Middlings with Ground Screenings	Shelton: Shelton Grain Co.....	12.60	16.25	14.00	9.08	9.50	4.03	4.00
	Libner Grain Co., Inc., Norwalk, Conn.								
1556	Libner's Blue Ribbon Chick Starter with Cod Liver Oil.....	Norwalk: Libner Grain Co., Inc.....	9.75	20.25	18.00	4.53	6.00	5.48	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Libner Grain Co., Inc.—Cont. Norwalk, Conn.		%	%	%	%	%	%	%
1555	Libner's Blue Ribbon Growing Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc.	9.85	21.88	18.00	5.83	6.00	5.48	4.00
1561	Libner's Blue Ribbon Horse and Calf Ration	Norwalk: Libner Grain Co., Inc.	12.58	11.06	10.50	6.60	7.00	3.73	3.50
1554	Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc.	9.60	18.94	17.00	6.15	6.50	5.50	3.00
1557	Libner's Blue Ribbon Scratch Feed	Norwalk: Libner Grain Co., Inc.	13.10	11.00	10.00	2.53	5.00	2.90	2.00
3378	20% Libner's Blue Ribbon Dairy	Norwalk: Libner Grain Co., Inc.	11.55	20.19	20.00	7.25	9.00	3.95	4.00
3379	24% Libner's Blue Ribbon Dairy	Norwalk: Libner Grain Co., Inc.	11.23	23.63	24.00	7.13	9.00	4.50	4.50
3382	12% Libner's Blue Ribbon Fitting Ration	Norwalk: Libner Grain Co., Inc.	11.70	14.81	12.00	6.88	9.00	4.18	4.00
3381	20% Milkflow Dairy Ration	Norwalk: Libner Grain Co., Inc.	11.78	21.06	20.00	7.05	12.00	3.73	3.00
	The C. W. Lines Co., New Britain, Conn.								
1519	Homestead Dry Mash	New Britain: C. W. Lines Co.	9.93	20.44	18.00	6.00	7.00	4.78	4.00
3128	Homestead Scratch	New Britain: C. W. Lines Co.	11.85	11.13	9.00	2.05	5.00	2.58	2.50
3127	Mill Pride Dairy Ration	New Britain: C. W. Lines Co.	10.60	24.00	24.00	7.75	10.00	4.55	4.00
1520	Mill Pride Fancy Scratch	New Britain: C. W. Lines Co.	12.53	11.06	9.00	2.68	4.00	2.85	2.00
1521	Mill Pride Milk Mash	New Britain: C. W. Lines Co.	9.30	19.81	18.00	6.28	7.50	4.98	4.50

	Litchfield County Co-op. Assoc., Torrington, Conn.								
1569	Common Sense Dairy Ration	Torrington: Litchfield County Co-op. Assoc.	9.28	20.69	20.00	8.15	9.00	5.40	4.50
1568	Common Sense Laying Mash	Torrington: Litchfield County Co-op. Assoc.	10.05	18.31	18.00	5.55	7.00	4.30	4.00
1570	Common Sense Scratch Feed	Torrington: Litchfield County Co-op. Assoc.	12.60	11.50	9.00	2.63	4.00	2.70	2.50
1567	Common Sense Starting and Growing Mash	Torrington: Litchfield County Co-op. Assoc.	10.05	18.75	17.00	4.93	7.00	3.88	4.00
	Long Hill Feed Store, Long Hill, Conn.								
1548	Square Deal Dairy Ration	Long Hill: Long Hill Feed Store	8.83	22.00	20.00	9.33	10.00	5.35	4.50
1545	Square Deal Laying Mash with Buttermilk	Long Hill: Long Hill Feed Store	8.60	19.75	20.00	8.08	7.00	5.75	5.00
	L. B. Lovitt & Co., Memphis, Tenn.								
1788	"Lovit Brand" 41% Protein Cottonseed Meal	Thomaston: Thomaston Supply Co.	6.48	42.63	41.00	10.69	13.00	5.10	5.00
	A. S. MacDonald Commission Co., Boston, Mass.								
3110	Parrheim Pure Wheat Bran	Wallingford: A. E. Hall	12.85	15.63	15.00	9.85	11.50	5.23	3.50
3109	Parrheim Pure Wheat Shorts	Wallingford: A. E. Hall	12.05	17.63	16.00	7.73	8.00	5.90	5.00
	Maine Fish Meal Co., Portland, Me.								
1920	Maine Vitamin D Fish Meal	Brooklyn: A. D. Pierce	10.55	53.88	55.00	0.38	1.00	16.75	12.00
	E. Manchester & Sons, Winsted, Conn.								
1852	Huntington Red Star Egg Mash	Winsted: E. Manchester & Sons	8.38	16.69	13.00	5.98	6.00	5.38	4.00
1851	Red Star Mash	Winsted: E. Manchester & Sons	9.00	20.31	18.00	6.25	8.00	4.75	4.00
1853	Red Star Scratch	Winsted: E. Manchester & Sons	12.88	10.75	9.00	3.03	6.00	2.78	2.00
3585	Red Star Special Dairy Feed	Winsted: E. Manchester & Sons	9.75	20.50	20.00	8.05	10.00	4.98	4.00
3584	Red Star Sweet Sixteen	Winsted: E. Manchester & Sons	9.95	19.56	16.00	7.08	10.00	5.43	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Maritime Milling Co., Inc., Buffalo, N. Y.		%	%	%	%	%	%	%
1536	B-B Daisy Chick Feed	Meriden: Meriden Grain & Coal Co.	12.80	11.00	10.00	1.48	4.00	2.78	2.00
3535	B-B Daisy Egg Mash Vitamized with Cod Liver Oil and Dried Buttermilk	Meriden: Meriden Grain & Coal Co.	8.85	19.94	20.00	7.90	9.00	5.43	3.50
1450	B-B Daisy Scratch Feed	Bridgeport: H. C. Ferris	13.38	10.75	9.00	3.03	5.00	3.00	2.50
3157	B-B Hi-Test Dairy Feed 20% Sweetened	East Wallingford: G. W. Ives	10.75	21.75	20.00	10.93	12.00	4.43	4.00
1535	Bull Brand All Mash Starter and Growing Ration Vitamized with Cod Liver Oil, Milk Sugar Feed, and Dried Buttermilk	Meriden: Meriden Grain & Coal Co.	10.28	20.63	17.00	5.73	7.00	4.38	4.00
1534	Bull Brand Developing Feed	Meriden: Meriden Grain & Coal Co.	12.35	11.88	10.00	2.20	5.00	2.95	2.00
3158	Bull Brand Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk	East Wallingford: G. W. Ives	9.93	19.25	16.00	7.03	7.00	5.23	4.50
3155	Bull Brand Horse Feed with Alfalfa and Molasses	Wallingford: Laden Bros. Co., Inc.	11.75	11.00	8.00	6.70	10.00	3.60	2.00
1532	Bull Brand Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk	Meriden: Meriden Grain & Coal Co.	10.75	22.56	20.00	5.95	7.00	4.30	4.50
1642	Farmers B-B Mixing Feed, Sweetened	New Milford: W. L. Richmond & Son	10.25	31.88	32.00	7.25	10.00	4.93	5.00
3638	Sweetened Bull Brand "20" Dairy Ration	Meriden: Meriden Grain & Coal Co.	10.03	23.88	20.00	9.03	11.00	3.73	4.00

	Maurer Mfg. Co., Newark, N. J.								
3649	Kwality Meat-Bone Scrap	Lebanon: Berkman Grain Co.	7.28	54.19	55.00	2.55	3.00	10.30	6.00
3691	Standard Meat-Bone Scrap	Plantsville: C. A. Cowles, Inc.	5.73	46.38	45.00	2.80	3.00	11.18	6.00
	Meech & Stoddard, Inc., Middletown, Conn.								
3537	Red Wing 20% Dairy Ration	Meriden: Meriden Grain & Coal Co.	10.10	21.88	20.00	8.63	9.00	3.80	4.50
3536	Red Wing Horse Feed with Molasses	Meriden: Meriden Grain & Coal Co.	11.53	11.50	9.00	8.13	10.00	3.60	3.00
1533	Red Wing Laying Mash with Buttermilk	Meriden: Meriden Grain & Coal Co.	10.30	17.25	15.00	6.05	5.00	5.55	4.00
3477	Red Wing Special Dairy Ration	Middletown: Meech & Stoddard, Inc.	9.73	22.88	24.00	9.00	9.00	4.50	4.50
3695	Red Wing Special Intermediate Chick Feed	Middletown: Meech & Stoddard, Inc.	11.40	12.50	9.00	2.93	3.00	3.70	2.50
3696	Red Wing Special Scratch Feed	Middletown: Meech & Stoddard, Inc.	12.15	10.25	9.00	2.33	3.00	2.90	2.50
3469	Red Wing Stock Feed	Middletown: Meech & Stoddard, Inc.	9.05	10.00	9.00	8.48	12.00	5.80	3.00
	Miner-Hillard Milling Co., Wilkes-Barre, Pa.								
3156	Steam Cooked Hominy Feed	Wallingford: Laden Bros. Co., Inc.	11.15	10.88	10.00	4.35	5.00	6.15	5.00
	Geo. Q. Moon & Co., Inc., Binghamton, N. Y.								
3671	Moon's Baby Chick Starter Mash	Higganum: Felix A. Petrofsky	8.78	18.38	15.00	4.30	5.00	4.15	4.00
3604	Moon's 20% Dairy Feed with Molasses	Stafford Springs: Stafford Granary	10.58	19.31	20.00	12.65	11.00	4.15	4.50
3669	Moon's 24% Dairy Ration	Higganum: Felix A. Petrofsky	7.60	26.63	24.00	8.98	10.00	5.40	5.00
1508	Moon's Fresh Ground Wheat Middlings	Meriden: Reliable Feed Store	10.25	18.06	14.00	4.30	7.50	5.28	2.85
1509	Moon's Hominy Feed	Meriden: Reliable Feed Store	7.05	10.69	10.00	5.03	6.00	8.75	5.00
1799	Moon's Laying Mash with Dried Buttermilk	Norfolk: August Curtiss	9.50	19.88	20.00	5.58	9.00	4.45	4.00
3668	Moon's 90 Molasses Horse Feed	Higganum: Felix A. Petrofsky	10.33	11.50	9.00	5.43	10.00	3.20	3.00
1800	Moon's Scratch Feed	Norfolk: August Curtiss	13.45	10.75	10.00	2.80	5.00	2.83	2.00
3605	Moon's Stock Feed	Stafford Springs: Stafford Granary	9.68	10.69	9.00	10.93	12.00	5.20	3.00
1507	Moon's Wheat Bran	Meriden: Reliable Feed Store	11.00	14.00	15.00	7.63	10.00	3.98	3.00
1510	Special A Dairy 20% Ration	Meriden: Reliable Feed Store	11.43	23.38	20.00	6.68	10.00	4.25	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Fred C. Morse & Son, Guilford, Conn.		%	%	%	%	%	%	%
1673	Old Mill Broiler Mash.....	Guilford: Fred C. Morse & Son.....	9.18	19.69	18.00	5.65	6.00	4.58	4.00
1679	Old Mill Chick Feed.....	Guilford: Fred C. Morse & Son.....	12.13	10.75	10.00	1.68	3.00	2.03	2.00
3462	Old Mill 20% Dairy Feed.....	Guilford: Fred C. Morse & Son.....	9.80	22.81	20.00	8.50	9.00	6.30	4.00
3463	Old Mill Fitting Feed.....	Guilford: Fred C. Morse & Son.....	10.65	14.94	12.00	6.68	8.00	6.43	4.00
1676	Old Mill Growing Mash.....	Guilford: Fred C. Morse & Son.....	9.45	18.25	15.00	5.33	5.00	4.50	4.50
3466	Old Mill Horse Feed.....	Guilford: Fred C. Morse & Son.....	11.95	12.75	12.00	5.58	8.00	3.03	2.50
1671	Old Mill Intermediate Chick Feed.....	Guilford: Fred C. Morse & Son.....	11.98	11.38	10.00	1.98	4.00	3.63	2.00
1675	Old Mill Laying Mash.....	Guilford: Fred C. Morse & Son.....	9.73	20.06	18.00	6.25	7.00	4.73	4.50
1674	Old Mill Laying Mash with Milk and Cod Liver Oil.....	Guilford: Fred C. Morse & Son.....	9.20	21.38	20.00	6.33	7.50	4.58	4.50
3467	Old Mill Provender.....	Guilford: Fred C. Morse & Son.....	10.00	12.50	10.00	6.65	6.00	10.59	3.50
1678	Old Mill Scratch Feed.....	Guilford: Fred C. Morse & Son.....	12.50	11.00	10.00	2.38	4.00	2.83	2.00
1670	Old Mill Starting Mash.....	Guilford: Fred C. Morse & Son.....	10.18	17.50	16.00	4.06	4.50	4.53	4.50
	Jas. F. Morse & Co., Somerville, Mass.								
3633	Morse's 40-50% Meat Scraps.....	Putnam: Bosworth Bros.....	5.30	37.00	40.00	.....	.....	9.75	8.00

	Mt. Vernon Milling Co., Mt. Vernon, Ind.								
3377	Poco Hominy Feed.....	Waterbury: H. S. Coe & Co.....	8.40	11.25	10.00	5.38	6.00	7.58	7.00
	Mutual Rendering Co., Inc., Philadelphia, Pa.								
3767	65% Mureco Meat Scrap.....	Norwalk: Libner Grain Co., Inc.....	7.45	62.13	65.00	2.80	2.00	9.38	6.00
	New England Grain Dealers Co-op. Assoc., Inc., Springfield, Mass.								
3449	New England Quality All Mash Laying Ration with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co....	8.85	18.56	15.00	6.08	7.00	4.03	4.00
3521	New England Quality Complete Chick Starter Ration with Cod Liver Oil..	Rockville: Rockville Grain & Coal Co.	9.03	20.75	20.00	4.73	6.00	4.95	4.00
3681	New England Quality 20 Dairy Ration	Bristol: Bristol Grain & Supply Co....	9.40	21.88	20.00	8.45	11.00	3.38	4.00
3520	New England Quality Developing Feed	Rockville: Rockville Grain & Coal Co.	10.83	12.13	10.00	2.45	5.00	3.68	2.00
3451	New England Quality Growing Mash with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co....	9.08	19.50	16.00	7.33	7.00	5.08	4.50
3441	New England Quality Horse Feed with Alfalfa and Molasses.....	Bristol: Bristol Grain & Supply Co....	10.33	10.94	8.00	7.65	10.00	3.63	2.00
3440	New England Quality Laying Mash with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co....	8.70	21.13	20.00	6.08	7.00	4.95	4.50
3519	New England Quality Scratch Feed..	Rockville: Rockville Grain & Coal Co.	11.28	12.00	10.00	2.95	4.00	2.73	2.50
3591	New England Yankee 16 Dairy Ration	New Milford: W. L. Richmond & Son	10.70	17.38	16.00	11.38	12.00	3.70	4.00
3439	New England Yankee 20 Dairy Ration	Bristol: Bristol Grain & Supply Co....	9.18	22.06	20.00	11.40	12.00	4.58	4.00
3645	New England Yankee 24 Dairy Ration	Danielson: Kennedy Corp.....	9.53	24.00	24.00	9.83	12.00	4.63	4.00
3118	New England Yankee Egg Mash with Cod Liver Oil.....	Kensington: A. S. Labieniec.....	9.38	21.13	20.00	8.00	9.00	5.93	3.50
3680	New England Yankee Scratch Feed..	Bristol: Bristol Grain & Supply Co....	11.23	10.56	9.00	2.18	5.00	2.70	2.50
	Niagara Falls Milling Co., Lockport, N. Y.								
1414	Choice Wheat Red Dog.....	Milford: Milford Grain Co.....	12.00	17.25	14.00	2.68	4.00	3.13	4.00
1356	Niagara Choice Wheat Bran.....	Mt. Carmel: Hamden Grain Co.....	13.00	16.19	14.50	9.33	11.00	5.00	4.00
1357	Niagara Standard Wheat Middlings..	Mt. Carmel: Hamden Grain Co.....	11.93	17.56	14.50	6.80	7.00	4.90	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
			%	%	%	%	%	%	%
3512	Northwestern Consolidated Milling Co., Minneapolis, Minn. Pure Wheat Bran	So. Windsor: So. Windsor Grain & Feed Co.	10.78	17.25	14.00	9.33	12.00	4.95	4.00
1552	XXX Comet	Stepney: Wirthmore Grain & Coal Co.	11.15	20.25	16.00	1.98	4.00	4.78	4.00
	S. V. Osborn Estate, Branford, Conn.								
1540	Osborn Provender	Branford: S. V. Osborn Estate	11.53	11.25	10.00	5.03	8.00	3.65	4.00
1539	Osborn Scratch	Branford: S. V. Osborn Estate	13.48	11.75	10.00	2.20	5.00	2.60	2.00
	M. W. Park & Co., San Francisco, Calif.								
1558	Parko Brand Alfalfa Leaf Meal	Norwalk: Libner Grain Co., Inc.	9.93	18.50	20.00	16.75	18.00	2.60	1.50
	Park & Pollard Co., Buffalo, N. Y.								
3751	Bet-R-Milk 20% Ration	New London: New London Grain Co.	9.63	21.50	20.00	7.68	9.00	3.68	4.00
3032	Bidwell 20% Dairy Ration	Middletown: P. Levson & Son	10.63	20.31	20.00	10.80	11.00	3.75	3.50
3620	Bidwell 24% Dairy Ration	Willimantic: W. D. Grant	10.30	23.25	24.00	9.90	11.00	3.68	3.50
1795	Bidwell Dry Mash	East Winsted: Leonard Grain Co.	10.20	18.44	18.00	6.50	8.00	4.18	3.00

3037	Bidwell Growing Feed	Middletown: P. Levson & Son	10.35	16.06	15.00	7.30	7.00	4.48	3.00
1793	Bidwell Scratch Feed	Torrington: Torrington Grain Co.	11.93	11.44	10.00	2.83	5.00	3.03	1.50
1906	Broiler Finishing Mash	Lebanon: Berkman Grain Co.	10.58	16.50	15.00	4.93	5.00	5.23	4.00
3753	Bulky Sweet Dairy Feed	New London: New London Grain Co.	10.50	14.00	11.00	12.03	12.00	3.10	3.00
1722	Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.	10.48	21.38	20.00	7.98	9.00	4.05	4.50
3580	Doublex 16% Dairy Ration	East Winsted: Leonard Grain Co.	9.55	17.63	16.00	13.05	11.00	3.28	3.50
3617	Doublex 20% Dairy Ration	Willimantic: W. D. Grant	10.48	20.88	20.00	10.68	11.00	3.98	3.50
3621	Doublex 24% Dairy Ration	Willimantic: W. D. Grant	10.33	24.06	24.00	10.45	11.00	3.10	3.50
3480	Go-To-It Pig and Hog Ration	Glastonbury: S. Melzen	9.85	18.13	15.00	6.78	8.00	4.83	3.50
1664	Growing Feed	Woodbury: C. L. Adams & Co.	9.90	19.81	14.00	6.13	7.00	4.00	3.00
1633	Holcomb's Milk Egg Mash with Cod Liver Oil	Newtown: R. H. Holcomb & Co.	10.20	18.38	17.00	6.30	6.50	5.20	4.00
1634	Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co.	10.93	21.88	20.00	8.05	9.00	3.58	4.00
1725	Intermediate Chick Feed	Waterbury: Spencer Grain Co.	12.08	11.88	10.00	2.05	3.50	3.25	3.00
1680	Lay or Bust Dry-Mash	New London: New London Grain Co.	9.68	19.75	18.00	6.05	7.00	4.80	3.00
3672	Lay or Bust Dry-Mash with Manamar	Waterbury: Spencer Grain Co.	8.28	19.13	18.00	6.05	7.00	4.75	3.00
3752	Manamar 20% Dairy Ration	New London: New London Grain Co.	7.75	23.13	20.00	8.95	9.00	4.33	4.00
3548	Manamar Doublex 20% Dairy Ration	Woodbury: C. L. Adams Co.	9.03	21.13	20.00	11.08	10.00	3.95	3.50
3034	Manamar Fitting Ration	Middletown: P. Levson & Son	13.58	12.88	12.00	6.65	7.00	3.40	3.50
1663	Manamar Lay or Bust Mash	Woodbury: C. L. Adams & Co.	10.10	19.69	18.00	6.00	6.00	4.58	3.50
1681	Manamar Life Cycle Mash	New London: New London Grain Co.	10.05	17.25	16.00	6.63	6.00	4.40	3.50
1665	Manamar Turkey Grower	Woodbury: C. L. Adams & Co.	9.58	20.88	20.00	6.20	6.00	5.45	3.50
1796	Milkade Calf Meal	East Winsted: Leonard Grain Co.	8.03	27.75	20.00	5.68	6.50	7.23	5.50
3619	Milk Maid 20% Dairy Ration	Willimantic: W. D. Grant	10.73	21.88	20.00	8.33	9.00	4.68	4.00
3579	Milk Maid 24% Sweetened Dairy Ration	East Winsted: Leonard Grain Co.	9.85	24.00	24.00	7.38	11.00	4.53	4.00
3035	Paramount Scratch Feed	Middletown: P. Levson & Son	12.30	11.00	10.00	1.85	5.00	2.45	2.50
1666	Park & Pollard Chick Scratch	Woodbury: C. L. Adams & Co.	12.23	11.38	10.00	1.73	3.00	3.33	3.00
1662	Park & Pollard Chick Starter	Woodbury: C. L. Adams & Co.	10.18	18.13	17.00	4.73	5.00	4.23	3.50
1632	Park & Pollard Economy Scratch	Newtown: R. H. Holcomb & Co.	13.38	11.13	10.00	2.45	5.00	2.95	1.50
3581	Park & Pollard Horse Feed	East Winsted: Leonard Grain Co.	11.68	12.50	10.00	7.13	9.00	4.03	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Park & Pollard Co.,—Cont. Buffalo, N. Y.		%	%	%	%	%	%	%
1791	Park & Pollard Starter and Broiler Mash.....	Torrington: Torrington Grain Co.....	9.93	18.63	18.00	5.60	6.00	5.15	4.00
1682	Park & Pollard Stock Feed.....	New London: New London Grain Co.....	9.25	11.75	9.00	8.48	12.00	3.75	4.00
3547	Park & Pollard Turkey Grower.....	Woodbury: C. L. Adams Co.....	9.23	21.50	20.00	6.40	6.00	5.90	4.00
1726	Red Ribbon Scratch Feed.....	Waterbury: Spencer Grain Co.....	12.88	11.00	10.00	2.50	5.00	2.35	3.00
3697	Top Notch 16% Ration.....	Middletown: P. Levson & Son.....	10.00	18.13	16.00	11.08	11.00	2.70	3.50
3033	Yankee Horse Feed.....	Middletown: P. Levson & Son.....	12.68	11.06	10.00	7.30	9.00	4.08	3.50
	Patent Cereals Co., Geneva, N. Y.								
3436	Hominy Feed.....	Farmington: Farmington Grain Co... ..	9.23	11.56	10.00	5.65	5.00	5.95	5.00
	Pecos Valley Alfalfa Mill Co., Hagerman, N. M.								
3468	Peevee Alfalfa Leaf Meal.....	Guilford: Fred C. Morse & Son.....	8.28	20.25	20.00	16.63	18.00	3.23	2.50
	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa								
3574	Douglas Corn Gluten Feed.....	Torrington: Torrington Grain Co.....	10.03	26.50	25.00	7.33	8.50	2.53	1.50

Connecticut Experiment Station

Bulletin 397

	A. D. Pierce, Brooklyn, Conn.								
1917	Pierce's Growing Mash.....	Brooklyn: A. D. Pierce.....	10.93	18.38	16.50	4.85	7.00	5.18	4.50
1916	Pierce's Special Laying Mash.....	Brooklyn: A. D. Pierce.....	10.25	20.75	19.00	5.55	6.80	5.45	4.50
3646	Pierce's Starter and Broiler.....	Brooklyn: A. D. Pierce.....	9.08	19.75	17.50	6.10	6.50	5.35	4.50
	Pillsbury Flour Mills Co., Minneapolis, Minn.								
3583	Pillsbury's Fancy Wheat Mixed Feed with ground Wheat Screenings.....	Winsted: Chas. R. Hawley.....	11.20	17.31	15.00	6.10	8.50	4.43	4.00
3589	Pillsbury's Hard Wheat Bran with ground Screenings.....	New Milford: Soule Grain Co.....	10.68	16.06	14.00	9.55	12.00	4.85	4.00
3587	Pillsbury's Hard Wheat A Middlings with ground Wheat Screenings.....	New Milford: Soule Grain Co.....	11.00	16.88	16.00	4.73	6.00	4.08	4.00
3622	Pillsbury's Hard Wheat Standard B Middlings with ground Screenings..	No. Franklin: Checker Board Feed Co.	10.60	17.75	15.00	7.90	9.50	5.35	4.00
1602	Pillsbury's XX Daisy.....	Danbury: C. S. Barnum & Son.....	10.60	19.25	16.00	2.70	4.00	5.03	4.00
	Maurice Pincoffs Co., Houston, Texas								
3465	Maurice Pincoffs Co. 41% Protein Cottonseed Meal.....	Guilford: Fred C. Morse & Son.....	6.85	39.88	41.00	10.33	14.00	8.20	5.00
	Pittsburgh Plate Glass Co., Newark, N. J.								
3057	Red Wing 32% Protein Old Process Linseed Meal.....	Shelton: Wolf's Feed Store.....	10.35	35.75	32.00	7.18	9.00	5.05	4.50
	Frank S. Platt Co., New Haven, Conn.								
1541	Platco Laying Mash.....	New Haven: Frank S. Platt Co.....	8.33	22.25	20.00	5.88	7.00	4.85	5.50
	Post Products Div. of General Foods Corp., Battle Creek, Mich.								
1721	Burt's Hominy Feed.....	West Cheshire: Cheshire Grain & Coal Co.....	9.75	11.00	10.00	5.15	6.00	7.20	6.00

Analyses of Commercial Feeds

485

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Pratt's Food Co., Buffalo, N. Y.		%	%	%	%	%	%	%
1526	Pratt's Baby Chick Food with Butter-milk	Bristol: Bristol Grain & Supply Co.	10.05	16.63	16.00	3.35	4.00	4.18	3.50
3684	Pratt's Calf Meal with Buttermilk	Bristol: Bristol Grain & Supply Co.	8.78	24.56	24.50	2.85	4.00	3.85	4.00
1528	Pratt's Circle A Scratch Feed	Bristol: Bristol Grain & Supply Co.	12.58	11.88	10.00	2.55	4.00	2.93	2.00
3450	Pratt's Growing Mash with Buttermilk	Bristol: Bristol Grain & Supply Co.	8.78	17.69	17.50	6.03	6.00	5.18	4.00
1525	Pratt's Laying Mash with Buttermilk	Bristol: Bristol Grain & Supply Co.	10.13	21.88	20.00	5.93	6.75	5.25	4.50
1527	Pratt's Utility Horse Feed	Bristol: Bristol Grain & Supply Co.	11.23	9.13	7.50	9.33	11.00	3.08	2.00
	H. C. Puffer Co., Springfield, Mass.								
3505	Egg-Em-On Growing Feed	Thompsonville: Geo. S. Phelps & Co.	9.73	20.38	18.00	5.05	7.00	5.00	4.00
1856	Egg-Em-On Scratch Feed	Simsbury: H. B. Bunnell & Co.	13.08	10.88	10.00	2.83	5.00	3.13	1.50
3492	Producer Dairy Feed 24%	Simsbury: H. B. Bunnell & Co.	9.48	25.63	24.00	7.90	8.50	4.90	4.00
	The Quaker Oats Co., Chicago, Ill.								
1523	Big Egg Laying Mash	Bristol: Bristol Grain & Supply Co.	8.35	18.88	18.00	7.23	8.00	5.63	4.00
3501	Big Egg Scratch Grains	Thompsonville: Geo. S. Phelps & Co.	11.15	12.13	9.50	2.40	3.50	2.75	2.00
3499	Early Bird Fine Chick Feed	Thompsonville: Geo. S. Phelps & Co.	11.55	12.50	10.00	1.88	2.00	2.13	2.00
3338	Quaker Ful-O-Pep Developer	Stratford: Farmers Flour & Grain Co.	9.68	16.25	15.00	7.33	9.00	5.33	5.00

Connecticut Experiment Station

Bulletin 397

1435	Quaker Ful-O-Pep Egg Mash	Stratford: Farmers Flour & Grain Co.	12.70	20.38	20.00	6.90	8.00	5.20	4.50
3426	Quaker Ful-O-Pep Scratch Grains	Plainville: W. S. Eaton	12.23	10.75	9.00	2.10	3.00	2.48	2.00
3437	Quaker Green Cross Horse Feed	Farmington: Farmington Grain Co.	11.20	10.13	10.00	10.03	12.00	2.90	2.50
3502	Quaker 16% Protein Dairy Ration	Thompsonville: Geo. S. Phelps & Co.	8.80	16.13	16.00	11.83	13.50	3.50	3.00
3523	Quaker 20% Protein Dairy Ration	Manchester: Little & McKinney	8.05	20.75	20.00	11.88	12.00	3.73	3.00
3402	Quaker Schumacher Feed	Danbury: C. S. Barnum & Son	9.30	10.13	10.00	9.30	12.00	3.63	3.00
3083	Quaker Sugared Schumacher Feed	Wallingford: A. E. Hall	9.75	10.75	10.00	9.50	12.00	3.33	3.00
3524	Schumacher Calf Meal	Manchester: Little & McKinney	7.33	20.38	18.00	3.50	4.00	7.05	7.00
1830	Sugared Vim Oat Mill Feed	Canaan: Community Service, Inc.	7.35	5.38	5.00	24.83	27.50	1.90	1.25
1483	Vim Oat Mill Feed	Seymour: Seymour Grain & Coal Co.	7.80	5.38	5.00	27.13	30.00	1.98	1.50
3500	White Hominy Feed	Thompsonville: Geo. S. Phelps & Co.	9.13	10.31	10.00	3.70	5.00	5.10	5.00
1669	Yellow Hominy Feed	Southbury: H. H. Stone	8.35	11.25	10.00	4.05	5.00	5.65	5.00
	Ralston Purina Co., St. Louis, Mo.								
3661	Corn Feed Meal	Norwich: Checker Board Feed Store	8.83	10.94	8.50	5.15	5.00	6.68	3.00
3667	Corn and Oat Provender	Portland: Valley Mills	9.08	10.88	10.00	6.70	10.00	4.28	4.00
3041	Protina 20% Dairy Feed	Portland: Valley Mills	10.83	21.50	20.00	9.40	12.00	3.68	3.50
1571	Protina Scratch Feed	Stamford: Clapboard Hill Feed Co.	12.45	11.50	9.50	2.39	4.00	2.83	2.00
3389	Purina Bulky Las Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.	13.50	11.94	9.00	11.73	15.00	2.28	1.30
3391	Purina Bulky Omolene	Stamford: Clapboard Hill Feed Co.	11.73	12.31	10.00	8.06	11.00	3.73	3.20
1487	Purina Broiler Chow	North Haven: Checker Board Feed Store	10.40	20.25	18.00	5.45	7.00	5.58	4.00
3607	Purina Calf Startena	Stafford Springs: Stafford Granary	12.28	20.88	19.50	7.83	9.50	3.53	3.00
1858	Purina Calf Starting Chow	Portland: Valley Mills	10.65	29.25	27.00	2.93	5.00	4.38	3.20
1488	Purina Chick Chow (Coarse)	North Haven: Checker Board Feed Store	12.15	10.56	10.00	2.08	4.00	2.55	2.50
1436	Purina Chick Chow (Fine)	Stratford: Farmers Flour & Grain Co.	13.28	11.06	10.00	1.70	4.00	2.08	2.00
1724	Purina Chicken Fatena	Waterbury: Checker Board Feed Store	9.38	17.38	14.00	6.13	7.50	5.33	4.00
1499	Purina Chick Growena	North Haven: Checker Board Feed Store	11.35	16.81	15.00	6.68	7.00	5.05	3.50
1489	Purina Chick Startena	North Haven: Checker Board Feed Store	10.43	20.19	18.00	4.58	7.00	5.60	4.00
3400	Purina Dry and Freshening Cow Chow	New Canaan: Clapboard Feed Co.	11.75	15.25	12.50	10.88	14.00	2.98	2.50

Analyses of Commercial Feeds

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Ralston Purina Co.,—Cont. St. Louis, Mo.		%	%	%	%	%	%	%
1498	Purina Egg Chowder	North Haven: Checker Board Feed Store	10.13	20.06	19.00	6.70	8.00	6.23	3.50
1490	Purina Growing Chow	North Haven: Checker Board Feed Store	9.98	19.38	17.00	5.55	7.00	4.73	3.50
3662	Purina Heifer Growing Chow	Norwich: Checker Board Feed Store	9.33	17.25	14.00	10.18	14.00	3.25	2.50
1562	Purina Hen Chow	Stamford: Clapboard Hill Feed Co.	12.68	11.06	10.00	2.58	4.00	2.90	2.50
3606	Purina Hog Fatena	Stafford Springs: Stafford Granary	11.70	15.81	14.00	6.45	7.00	3.33	3.00
1497	Purina Lay Chow	North Haven: Checker Board Feed Store	10.35	21.00	19.00	6.58	8.00	6.05	3.50
1572	Purina Layena (Complete Ration)	Stamford: Clapboard Hill Feed Co.	10.03	17.31	15.50	4.73	8.00	5.50	3.50
3337	Purina Milking Cow Chow (16%)	Stratford: Farmers Flour & Grain Co.	11.30	17.25	16.00	8.80	12.00	3.55	3.50
3040	Purina Milking Cow Chow (20%)	Portland: Valley Mills	10.63	21.31	20.00	9.53	12.00	4.00	4.00
3399	Purina Milking Cow Chow (24%)	New Canaan: Clapboard Hill Feed Co.	9.75	24.44	24.00	9.03	12.00	5.13	4.00
3390	Purina Omolene	Stamford: Clapboard Hill Feed Co.	11.63	11.50	10.00	7.68	9.00	3.40	3.20
3039	Purina Turkey Growing and Fattening Chow	Portland: Valley Mills	10.23	22.63	21.00	5.35	8.00	5.55	3.50
3679	Purina Turkey Startena	Waterbury: Checker Board Feed Store	8.63	27.63	26.00	3.90	6.00	6.93	4.50
	John Reardon & Sons Co., Cambridge, Mass.								
3111	Register Brand Meat Scraps 55%	Wallingford: A. E. Hall	7.65	56.94	55.00	2.35	3.00	7.93	6.00

2985	Robin Hood Mills, Ltd., Moose Jaw, Sask., Canada Superior Wheat Red Dog	Montowese: Economy Feed Service	11.38	17.69	16.50	3.00	4.00	4.28	3.50
3152	H. M. Rubin Co., Inc., Long Island City, N. Y. Rubco Meat Bone Scrap 45%	Wallingford: A. E. Hall	6.55	44.63	45.00	1.90	3.00	9.98	5.00
3464	Rubco Meat Bone Scrap 50%	Guilford: Fred C. Morse & Son	5.60	50.25	50.00	2.40	3.00	9.48	5.00
3655	Rubco Meat Bone Scrap 55%	Lebanon: Berkman Grain Co.	6.20	56.88	55.00	2.88	3.00	8.23	5.00
3424	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident Bran	Southington: Louis Perillo Coal Co.	10.65	18.38	14.00	8.78	11.50	5.98	4.00
3503	Hard Wheat Occident Flour Middlings	Thompsonville: Geo. S. Phelps & Co.	10.95	19.25	15.50	3.65	5.00	4.43	4.00
1612	Hard Wheat Occident Mixed Feed	Danbury: Benjamin Feed Co.	10.23	18.19	15.00	8.14	9.50	5.68	4.50
3422	Hard Wheat Occident Standard Middlings	Southington: Louis Perillo Coal Co.	10.05	19.38	15.00	7.93	9.50	5.83	4.00
3870	Schoeneck Farms, Inc., Nazareth, Pa. Keystone Brand Dehydrated Alfalfa Meal	Granby: E. H. Rollins	6.20	18.63	17.00	24.68	25.00	3.40	2.00
1729	Seaboard Supply Co., Philadelphia, Pa. SBS Crab Meal	Thomaston: Thomaston Supply Co.	7.65	27.38	28.00	10.78	8.00	1.80	1.00
1500	SBS Fish Meal	Wallingford: A. E. Hall	5.83	57.50	55.00	1.53	3.00	11.58	5.00
1501	Seaboard Western Grain Corp., New York, N. Y. Wheat Standard Middlings (with ground screenings not exceeding mill run)	Wallingford: A. E. Hall	11.20	16.06	14.00	6.03	9.50	4.73	4.00
3074	Seymour Grain & Coal Co., Seymour, Conn. 18 Dairy Ration	Seymour: Seymour Grain & Coal Co.	11.65	18.50	18.00	10.65	10.00	3.75	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Sta in No	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Seymour Grain & Coal Co.,—Cont. Seymour, Conn.		%	%	%	%	%	%	%
3073	Miracle Chick Feed	Seymour: Seymour Grain & Coal Co.	12.50	12.00	10.00	2.15	5.00	3.75	2.50
1485	Miracle Chick Starter	Seymour: Seymour Grain & Coal Co.	11.73	18.75	18.00	5.98	6.00	5.15	4.00
3072	Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.	11.58	15.25	12.00	9.40	9.50	4.23	4.00
3066	Miracle Grower	Seymour: Seymour Grain & Coal Co.	12.28	17.81	16.00	6.35	6.00	4.85	4.00
3076	Miracle Horse Feed	Seymour: Seymour Grain & Coal Co.	12.13	11.50	10.00	6.19	9.00	4.70	2.50
1484	Miracle Mash	Seymour: Seymour Grain & Coal Co.	11.63	19.56	19.00	6.10	6.00	4.53	4.50
1486	Miracle Scratch	Seymour: Seymour Grain & Coal Co.	12.90	10.94	10.00	2.90	6.00	2.80	2.50
3067	Miracle 16% Dairy Ration	Seymour: Seymour Grain & Coal Co.	11.78	18.13	16.00	6.73	9.00	4.58	4.50
3065	See-More-Milk Dairy Ration	Seymour: Seymour Grain & Coal Co.	11.20	22.69	20.00	7.38	9.50	4.78	4.50
	Sherwin-Williams Co., Cleveland, Ohio								
1789	S. W. 34% Pure Old Process Linseed Meal	Thomaston: Thomaston Supply Co.	8.48	36.31	34.00	6.15	9.00	5.25	4.50
	I. Sovitsky Grain & Coal Co., Ansonia, Conn.								
3078	Ansonia Egg Mash with Buttermilk and Cod Liver Oil	Naugatuck: Reliable Feed Co.	10.40	20.56	20.00	6.90	7.00	5.88	4.00
3079	Ansonia Stock Feed	Naugatuck: Reliable Feed Co.	9.40	8.50	8.00	17.73	15.00	3.33	2.00

3058	Ansonia 20% Sweetened Dairy Feed	Ansonia: I. Sovitsky Grain & Coal Co.	14.10	15.13	20.00	11.55	11.00	2.88	4.00
3077	Connecticut State Open Formula Dairy Ration	Naugatuck: Reliable Feed Co.	14.78	15.56	20.00	10.55	9.00	2.90	4.50
	A. E. Staley Mfg. Co., Decatur, Ill.								
3056	Staley's Corn Gluten Feed	Shelton: Wolf's Feed Store	10.18	28.13	25.00	6.08	8.00	2.95	1.00
1481	Staley's Soybean Oil Meal	Seymour: Seymour Grain & Coal Co.	7.35	43.00	41.00	5.68	7.00	4.95	4.50
	St. Albans Grain Co., St. Albans, Vt.								
3430	Brewers' Dried Grains	Bloomfield: Bloomfield Farmers' Exchange	8.13	26.19	21.00	12.98	15.00	6.65	5.00
3061	Champlain Valley 20% Dairy Ration	Ansonia: Ansonia Flour & Feed Co.	11.05	21.50	20.00	6.98	8.50	4.28	3.50
3657	Champlain Valley 24% Dairy Ration	Norwich: Norwich Grain Co.	9.60	26.00	24.00	6.83	8.50	4.00	3.50
3608	Corn Distillers' Dried Grains	So. Coventry: E. W. Latimer	4.23	28.75	28.00	12.28	14.00	8.90	7.00
3365	Hygrade Horse Feed	Southport: C. Buckingham & Co.	11.75	11.75	9.50	5.30	9.00	3.63	3.25
3352	Hygrade 16 Sweetened Milk Ration	Stepney: Wirthmore Grain & Coal Co.	10.83	17.13	16.00	6.08	8.50	3.93	3.50
2994	Hygrade 20 Sweetened Milk Ration	Middlefield: Middlefield Grain & Coal Co.	10.03	22.06	20.00	7.23	8.50	4.35	3.50
3538	Hygrade 24 Sweetened Milk Ration	Southbury: Southbury Grain Co.	10.08	26.50	24.00	6.28	9.00	3.85	3.50
3115	Mornin' Call Poultry Grains	Meriden: H. Grulich	12.08	11.75	9.50	2.03	4.00	2.40	2.50
3119	Paragon Hominy Feed	Kensington: A. S. Labieniec	10.13	10.88	10.00	4.25	7.00	7.18	6.00
3358	Pilgrim Laying Mash	Stepney: Wirthmore Grain & Coal Co.	9.98	17.88	18.00	6.15	7.00	4.88	4.00
3356	Pilgrim Scratch Feed	Stepney: Wirthmore Grain & Coal Co.	12.03	11.50	9.50	2.43	4.00	2.78	2.50
3357	Pilgrim 20 Dairy Ration	Stepney: Wirthmore Grain & Coal Co.	10.98	21.38	20.00	6.95	8.50	4.30	3.50
3495	Utility Dairy Ration	Suffield: Spencer Bros.	9.80	21.38	20.00	9.75	12.00	3.58	3.50
3497	Utility 16 Dairy Ration	Suffield: Spencer Bros.	10.08	15.50	16.00	11.85	13.00	3.05	3.00
1415	Wirthmore Baby Chick Scratch	Milford: Milford Grain Co.	12.65	11.44	10.00	1.53	3.50	2.73	2.50
1358	Wirthmore Baby Chick Starter—A Complete Balanced Feed for the First Six Weeks, Containing Cod Liver Oil	Cheshire: Center Grain Co.	11.73	18.75	18.00	4.52	5.00	4.78	4.00
3386	Wirthmore 25 Balanced Ration Sweetened	Noroton: Davis Grain Co.	9.90	26.50	25.00	7.38	8.50	4.83	4.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

State No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	St. Albans Grain Co.,—Cont. St. Albans, Vt.		%	%	%	%	%	%	
3700	Wirthmore Breeder Mash.....	Westerly: C. W. Campbell.....	9.45	21.44	20.00	5.88	7.00	3.93	4.50
1550	Wirthmore Calf Meal.....	Stepney: Wirthmore Grain & Coal Co.	9.13	24.69	24.00	3.33	4.00	6.05	5.50
1361	Wirthmore Complete Chick Starter and Broiler Ration.....	Cheshire: Center Grain Co.....	11.50	18.94	17.50	4.60	5.50	5.03	4.00
1447	Wirthmore Complete Growing Ration.	Southport: C. Buckingham & Co.....	12.05	15.06	14.00	4.83	6.00	4.70	3.75
1446	Wirthmore Complete Laying Ration..	Southport: C. Buckingham & Co.....	11.43	16.13	15.00	4.58	5.00	5.13	4.00
3116	Wirthmore 16 Dairy Ration Sweetened	Meriden: H. Grulich.....	10.73	16.75	16.00	5.38	8.00	4.70	4.00
3603	Wirthmore 20 Dairy Containing Forti- fied Cod Liver Oil.....	Stafford Springs: Valley Grain Co....	10.10	21.25	20.00	7.95	8.00	5.23	4.50
3114	Wirthmore 20 Dairy Feed Sweetened.	Meriden: H. Grulich.....	10.65	21.19	20.00	5.90	8.00	4.68	4.50
2989	Wirthmore 14 Fitting Ration.....	Middlefield: Middlefield Grain & Coal Co.....	10.38	16.75	14.00	6.73	7.00	5.15	4.00
1549	Wirthmore Fleshing and Fattening Mash.....	Stepney: Wirthmore Grain & Coal Co.	9.78	15.63	15.00	3.68	6.00	5.25	4.50
1379	Wirthmore Fleshing Pellets—A Con- ditioning Feed for Poultry.....	Cheshire: Center Grain Co.....	11.05	16.38	15.00	5.83	6.50	4.85	4.50
1538	Wirthmore Flour Middlings.....	Branford: S. V. Osborn Est.....	10.65	18.31	15.00	5.60	6.00	5.30	4.00
2992	Wirthmore Fodder Greens.....	Middlefield: Middlefield Grain & Coal Co.....	10.28	13.75	10.00	11.25	15.00	3.90	3.00

1359	Wirthmore Growing Mash Containing Cod Liver Oil.....	Cheshire: Center Grain Co.....	12.10	16.56	15.00	5.23	6.00	4.68	4.50
3373	Wirthmore Horse Feed.....	So. Norwalk: Roodner Feed Co.....	12.05	10.38	9.80	5.93	9.00	2.98	3.25
3387	Wirthmore Intermediate Scratch Feed	Noroton: Davis Grain Co.....	11.73	11.31	10.00	1.70	3.50	2.80	2.50
1360	Wirthmore Laying Mash Containing Cod Liver Oil.....	Cheshire: Center Grain Co.....	11.13	20.00	20.00	5.08	7.00	5.05	4.00
1448	Wirthmore Laying Pellets—A Com- plete Ration for Caged Layers.....	Southport: C. Buckingham & Co.....	11.20	16.94	15.00	3.58	6.00	4.33	4.00
3366	Wirthmore Pig & Hog—A Growing and Fattening Feed.....	Southport: C. Buckingham & Co.....	10.83	18.13	17.00	5.70	9.00	4.95	4.00
1574	Wirthmore Scratch Feed.....	So. Norwalk: Roodner Feed Co.....	13.33	10.88	10.00	2.25	4.00	2.98	2.50
1575	Wirthmore Stock Feed.....	So. Norwalk: Roodner Feed Co.....	9.35	9.63	9.00	6.65	9.50	4.48	4.00
3359	Wirthmore Turkey Fattening Ration.	Stepney: Wirthmore Grain & Coal Co.	9.88	18.25	16.00	4.63	7.00	4.50	4.50
3336	Wirthmore Turkey Growing Ration.	Milford: Milford Grain Co.....	10.10	21.69	20.00	4.85	7.00	4.80	4.00
3459	Wirthmore Turkey Starting Ration...	Branford: S. V. Osborn Est.....	9.13	23.75	24.00	4.88	7.00	5.23	4.50
1661	Wirthmore Wheat Feed.....	New Milford: Soule Grain Co.....	11.55	17.13	15.00	7.35	8.00	4.95	3.75
	St. Lawrence Flour Mills Co., Ltd., Montreal, Canada								
3370	Premier Bran.....	So. Norwalk: Roodner Feed Co.....	11.30	16.94	15.00	10.00	11.50	5.00	3.50
	D. A. Stickell & Sons, Inc., Hagerstown, Md.								
3361	Blue Ridge Egg Mash.....	Bridgeport: Brooklawn Grain & Feed Co.....	9.88	21.63	20.00	5.63	6.00	6.33	5.00
1465	Snap Scratch Grains.....	Derby: Derby Feed Store.....	13.73	10.63	10.00	2.40	5.00	2.88	2.50
2995	Snap Sweet 20% Dairy Feed.....	Middlefield: Terrill & Burnham.....	11.55	21.50	20.00	8.85	12.00	3.88	3.00
3021	Stickell's Certified 20% Ration.....	Middlefield: Terrill & Burnham.....	10.91	20.38	20.00	7.95	8.00	4.95	4.00
3132	Stickell's Poultry Fatner.....	New Britain: Wm. Cohen, Inc.....	10.28	14.88	12.00	5.18	6.00	5.83	4.50
1464	Su-Pur All Mash Starter.....	Derby: Derby Feed Store.....	11.10	17.88	16.50	4.28	5.00	6.33	4.00
3022	Su-Pur Horse and Calf Meal.....	Middlefield: Terrill & Burnham.....	12.95	12.69	9.00	5.23	12.00	2.78	2.50
1859	Zip Growing Mash.....	Portland: Valley Mills.....	10.55	16.69	15.00	5.90	6.00	5.60	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	F. W. Stock & Sons, Hillsdale, Mich.		%	%	%	%	%	%	%
1943	Litchfield Mixed Feed	Eastford: Wm. S. Warren	10.53	14.50	16.00	7.28	8.00	4.65	4.00
1645	Stock's Bran	New Milford: Soule Grain Co.	11.03	14.00	17.50	8.30	10.00	3.98	4.00
1944	Stock's Middlings	Eastford: Wm. S. Warren	10.58	16.63	17.50	5.28	7.00	5.83	4.00
	Swift & Co. Oil Mills, Atlanta, Ga.								
1883	41% Cottonseed Meal	Hazardville: A. D. Bridge's Sons	7.10	41.00	41.00	10.38	10.00	6.93	5.00
	Syracuse Milling Co., Syracuse, N. Y.								
3670	Syragold Dairy Feed	Higganum: Felix A. Petrofsky	7.70	25.19	24.00	8.93	12.00	5.33	4.50
1438	Syragold Egg Mash	East Bridgeport: J. Simon	11.33	19.31	18.00	6.14	8.00	4.53	3.00
1440	Syragold Growing Mash	East Bridgeport: J. Simon	10.50	18.56	16.00	3.98	7.00	4.98	4.00
1437	Syragold Laying Mash with Buttermilk	East Bridgeport: J. Simon	10.15	21.56	18.00	7.65	9.00	4.35	3.00
3762	Syragold Milk Ration Sweetened	Saugatuck: Saugatuck Grain & Supply Co.	8.70	19.69	20.00	9.03	12.00	4.15	4.00
1439	Syragold Scratch Grains	East Bridgeport: J. Simon	13.20	10.63	10.00	2.28	5.00	3.05	2.50
3342	Syragold Stock Feed	East Bridgeport: J. Simon	10.00	10.75	9.00	9.03	12.00	3.50	3.00

Connecticut Experiment Station

Bulletin 397

	Thomaston Supply Co., Inc., Thomaston, Conn.								
3456	Thomaston Dairy Ration	Thomaston: Thomaston Supply Co., Inc.	8.85	23.38	20.00	8.20	9.00	4.78	4.00
1728	Thomaston Egg Mash with Cod Liver Oil	Thomaston: Thomaston Supply Co., Inc.	8.73	19.88	18.00	7.63	8.00	5.35	4.00
1727	Thomaston Growing Mash with Cod Liver Oil	Thomaston: Thomaston Supply Co., Inc.	9.53	16.38	15.00	8.43	7.00	4.43	4.00
1790	Thomaston Scratch	Thomaston: Thomaston Supply Co., Inc.	12.75	11.69	10.00	2.25	5.00	3.30	3.00
	Tioga Mills, Inc., Waverly, N. Y.								
1631	Chicatine	Hawleyville: W. A. Honan	9.03	21.25	18.00	4.88	6.50	4.85	4.00
3683	Conditionine	Bristol: Bristol Grain & Supply Co.	8.45	17.38	15.50	4.13	5.00	5.20	4.00
1524	20% Creamatine	Bristol: Bristol Grain & Supply Co.	9.83	20.50	20.00	8.10	10.00	5.60	4.50
3594	Derby Dairy Feed	Hawleyville: W. A. Honan	9.68	20.88	20.00	11.75	12.00	3.08	3.60
3595	Derby Scratch Feed	Hawleyville: W. A. Honan	11.45	12.50	9.00	3.35	4.50	2.48	2.00
1616	Egatine	Hawleyville: W. A. Honan	10.00	23.38	23.00	6.35	6.50	4.58	4.00
3438	E-Gee Dairy Feed	Bristol: Bristol Grain & Supply Co.	9.63	20.00	20.00	8.43	10.00	4.80	3.50
3596	Never Fail Flusher	Hawleyville: W. A. Honan	10.48	19.13	18.00	3.60	5.00	4.20	3.00
3592	Or-Co Feed	Hawleyville: W. A. Honan	10.93	19.50	18.00	9.73	12.00	3.05	2.50
3593	Red Brand Tioga Dairy Feed	Hawleyville: W. A. Honan	10.20	24.00	24.00	8.28	10.00	5.03	4.50
1586	Tioga Calf Food	Bethel: Morrison & Dunham	10.03	24.88	21.00	5.33	7.00	5.28	4.00
3576	Tioga Growing Grains	Torrington: Litchfield County Co-op.	12.10	11.50	10.00	1.55	4.00	3.33	2.50
1522	Tioga Laying Food	Bristol: Bristol Grain & Supply Co.	10.10	20.44	18.00	3.53	6.50	4.70	4.00
1615	Tioga Poultry Grains	Hawleyville: W. A. Honan	12.63	13.94	9.00	2.98	4.50	3.30	2.00
1630	Tioga Starter and Grower	Hawleyville: W. A. Honan	9.93	18.94	16.50	5.98	6.50	4.53	4.00
	Traders Feed & Grain Co., Inc., Buffalo, N. Y.								
1614	Rex Wheat Bran with Screenings not Exceeding Mill Run	Danbury: Benjamin Feed Co.	10.75	16.19	15.00	10.25	12.00	5.15	3.50
3117	Rex Wheat Middlings with Screenings	Kensington: A. S. Labienec	12.50	18.13	16.00	7.78	7.50	5.43	5.00

Analyses of Commercial Feeds

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Jacob Trinley & Sons, Linfield, Pa.		%	%	%	%	%	%	%
3062	Favorite 20% Dairy Feed	Ansonia: Farmers Feed & Grain Co.	11.98	19.94	20.00	7.99	11.00	3.80	3.50
2984	Favorite Growing Mash	Montowese: Economy Feed Service	9.50	18.44	16.00	7.73	7.00	5.58	3.50
2986	Favorite Horse Feed	Montowese: Economy Feed Service	13.03	8.25	7.00	10.48	12.10	2.28	2.50
1442	Favorite Laying Mash	Fairfield: J. August Feed Co.	10.43	19.88	18.00	7.35	7.50	4.70	4.00
1443	Favorite Scratch Grains	Fairfield: J. August Feed Co.	14.93	11.56	9.00	2.53	5.00	2.93	2.00
3757	Melo Horse Feed	New Haven: R. G. Davis & Sons, Inc.	9.98	5.94	4.50	12.33	12.10	1.75	1.20
1553	Real Chick Starter	Fairfield: J. August Feed Co.	10.63	19.75	16.00	5.13	7.00	4.45	4.00
3362	Real 20% Dairy Feed	Fairfield: J. August Feed Co.	11.58	19.50	20.00	8.55	10.50	4.10	4.00
3754	Real Fattening Mash	Montowese: Economy Feed Service	8.65	17.50	14.00	4.51	6.00	4.95	4.50
1479	Real Growing Mash	Ansonia: Farmers Feed & Grain Co.	10.83	19.69	17.00	6.10	10.00	5.08	4.00
2987	Real Intermediate Chick Feed	Montowese: Economy Feed Service	12.68	11.63	10.00	2.55	4.00	3.50	3.00
1441	Real Laying Mash	Fairfield: J. August Feed Co.	10.60	21.75	20.00	7.10	8.00	4.90	4.00
3137	Real Starter & Developer Mash	North Haven: Economy Feed Service	10.28	18.94	16.00	4.71	7.00	5.00	4.00
3755	Real Stock Feed	Montowese: Economy Feed Service	7.80	12.50	10.00	10.03	12.00	5.05	3.00
3363	Supreme 85% Horse Feed	Fairfield: J. August Feed Co.	12.85	10.13	9.00	7.38	11.00	3.25	3.00
3761	Trinley's 16% Dairy Feed	Fairfield: J. August Feed Co.	9.78	16.50	16.00	8.53	11.50	3.63	3.50
3133	Trinley's 24% Dairy Feed	New Britain: Wm. Cohen, Inc.	11.20	24.00	24.00	6.91	10.00	3.70	4.00
	Union Starch & Refining Co., Columbus, Ind.								
3375	Union Corn Gluten Feed	So. Norwalk: Ferris-Devine Co.	10.20	27.63	25.00	6.28	8.00	2.10	1.00

	Union Supply & Milling Corp., Burbank, Calif.								
3659	Sunshine Brand Alfalfa Leaf Meal	Norwich: Norwich Grain Co.	8.23	17.63	20.00	22.05	18.00	2.78	3.00
	United Co-op. Farmers', Inc., Fitchburg, Mass.								
1922	United Farmers Growing Mash	Danielson: United Co-op. Farmers', Inc.	9.05	19.44	16.00	5.25	7.00	5.43	4.00
1924	United Farmers Milk Egg Mash	Danielson: United Co-op. Farmers', Inc.	9.93	17.69	16.50	5.08	6.50	5.53	4.00
3642	United Farmers Milkmaker	Danielson: United Co-op. Farmers', Inc.	9.83	20.13	20.00	8.03	8.00	4.83	4.00
1923	United Farmers Starting and Growing Mash	Danielson: United Co-op. Farmers', Inc.	9.48	19.31	16.00	4.93	6.00	5.73	4.00
	Unity Feeds, Inc., Boston, Mass.								
3514	Paycheck 16% Dairy Ration	So. Windsor: So. Windsor Grain & Feed Co.	9.45	16.75	16.00	13.45	11.00	3.38	4.00
3513	Paycheck 20% Dairy Ration	So. Windsor: So. Windsor Grain & Feed Co.	9.95	21.06	20.00	11.30	11.00	4.43	4.00
3511	Paycheck 24% Dairy Ration	So. Windsor: So. Windsor Grain & Feed Co.	9.20	24.13	24.00	10.65	11.00	4.68	4.00
1876	Paycheck Laying Mash with Cod Liver Oil	So. Windsor: So. Windsor Grain & Feed Co.	9.75	18.00	18.00	6.60	8.00	4.53	3.00
3509	Paycheck Scratch Feed	So. Windsor: So. Windsor Grain & Feed Co.	11.55	12.19	10.00	2.50	5.00	2.68	2.50
3635	Paymaster 20% Dairy Ration	Putnam: Bosworth Bros.	10.58	22.56	20.00	7.90	9.00	4.23	4.00
3648	Paymaster 24% Dairy Ration	Norwich: A. E. Shedd	9.63	24.63	24.00	8.85	9.00	3.88	4.00
1907	Paymaster Laying Mash	Norwich: A. E. Shedd	10.25	19.38	18.00	6.88	8.00	4.28	3.00
3515	Paymaster Laying Mash with Cod Liver Oil	So. Windsor: So. Windsor Grain & Feed Co.	9.38	19.88	18.00	6.55	8.00	5.75	3.00
3598	Paymaster Scratch Feed	West Willington: H. M. Hansen	12.28	12.50	10.00	3.05	5.00	2.73	2.50
3665	Unity Chick Starter	No. Westchester: Solomon Bros.	8.43	20.25	17.00	5.10	5.00	5.60	3.50
1875	Unity Complete Starting and Broiler Mash	So. Windsor: So. Windsor Grain & Feed Co.	10.28	18.25	17.00	5.15	5.00	4.48	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Unity Feeds, Inc.—Cont. Boston, Mass.		%	%	%	%	%	%	%
3634	Unity 20% Dairy Ration	Putnam: Bosworth Bros.	10.70	22.06	20.00	7.68	9.00	3.90	4.50
3636	Unity 24% Dairy Ration	Putnam: Bosworth Bros.	10.28	24.94	24.00	8.33	11.00	3.80	4.50
1874	Unity Growing Mash with Cod Liver Oil	So. Windsor: So. Windsor Grain & Feed Co.	10.58	15.63	14.00	6.00	7.00	4.35	3.00
3599	Unity Horse Feed	West Willington: H. M. Hansen	12.63	11.25	10.00	6.20	9.00	3.55	3.00
1877	Unity Laying Mash with Cod Liver Oil	So. Windsor: So. Windsor Grain & Feed Co.	10.35	20.13	18.00	6.50	7.00	4.93	3.00
3666	Unity Pig & Hog Ration	No. Westchester: Solomon Bros.	8.38	20.75	17.00	6.73	8.00	3.83	4.00
3601	Unity Stock Feed	West Willington: H. M. Hansen	9.15	9.56	8.50	11.23	12.00	4.68	4.00
3510	Unity Turkey Starter and Growing Mash	So. Windsor: So. Windsor Grain & Feed Co.	8.65	24.50	22.00	6.03	7.00	5.53	4.00
	Upper Hudson Rye Flour Mills, Inc. Troy, N. Y.								
2993	Upper Hudson Rye Feed	Middlefield: Middlefield Grain & Coal Co.	10.85	15.81	13.50	4.30	6.00	3.30	3.00
	The Van Iderstine Co., Long Island City, N. Y.								
1919	Vico Quality Meat and Bone Scrap	Brooklyn: A. D. Pierce	5.78	54.13	50.00	2.13	3.00	10.60	5.00

	Victor Flour Mills, Inc., Pittsford, N. Y.								
3550	Victor Spring Wheat Bran	Bethlehem: A. T. Minor	10.43	17.13	15.00	7.88	11.00	4.13	4.00
3694	Victor Spring Wheat Middlings	Middletown: Meech & Stoddard, Inc.	9.38	18.25	17.00	6.25	9.50	4.98	5.00
	Ward Dry Milk Co., St. Paul, Minn.								
3126	Ward's Pure Dried Skim Milk	Wallingford: A. E. Hall	7.53	33.38	32.00	....	....	0.75	1.00
	Watertown Co-op. Assoc., Inc., Watertown, Conn.								
3551	Sterling Scratch	Watertown: Watertown Co-op. Assoc., Inc.	12.95	12.25	10.00	2.13	4.00	2.93	2.50
	Wayne County Grangers Feed Corp. Clyde, N. Y.								
3627	Galen 24% Dairy Feed	Eastford: Wm. S. Warren	10.45	22.00	24.00	9.23	10.00	3.90	4.00
3544	24% Milkproducer Dairy	Southbury: H. H. Stone	9.40	26.69	24.00	7.63	10.00	5.08	4.00
3540	Superior Broiler Ration with Milk and Cod Liver Oil	Southbury: H. H. Stone	9.50	18.94	17.00	6.53	7.00	4.63	4.00
1940	Superior Chick Starter with Butter-milk and Cod Liver Oil	Eastford: Wm. S. Warren	9.83	17.94	17.50	7.00	7.00	4.75	4.00
3541	20% Superior Dairy Feed	Southbury: H. H. Stone	10.53	21.63	20.00	8.68	10.00	3.63	4.00
1941	Superior Growing Mash with Butter-milk and Cod Liver Oil	Eastford: Wm. S. Warren	9.73	18.94	17.50	6.45	7.00	4.78	4.00
1942	Superior Laying Mash with Butter-milk and Cod Liver Oil	Eastford: Wm. S. Warren	9.38	22.63	20.00	6.90	7.00	5.00	4.00
3628	Superior Turkey Grower and Fattener with Milk and Cod Liver Oil	Eastford: Wm. S. Warren	9.55	21.19	20.00	6.18	7.00	4.98	4.00
3543	Sweetened 16% Dairy Feed	Southbury: H. H. Stone	10.80	18.75	16.00	8.00	12.00	3.80	4.00
3542	Universal Horse Feed	Southbury: H. H. Stone	11.40	11.50	10.00	6.28	9.00	2.65	3.00
	West-Nesbitt, Inc., Oneonta, N. Y.								
1849	Pure Feed Chick Grains	Winsted: Chas. R. Hawley	12.03	11.50	11.00	1.65	3.00	2.75	3.00
3582	Pure Feed Dairy Ration	Winsted: Chas. R. Hawley	8.85	25.19	20.00	7.78	10.00	5.05	4.00

TABLE 1. OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	West-Nesbitt, Inc.,—Cont. Oneonta, N. Y.		%	%	%	%	%	%	%
1845	Pure Feed Egg Mash	Winsted: Chas. R. Hawley	9.88	22.38	18.00	4.73	7.00	5.25	5.00
3421	Pure Feed Horse Ration	Southington: Louis Perillo Coal Co.	11.00	11.63	9.00	7.93	10.00	3.63	3.00
1848	Pure Feed Starting Mash	Winsted: Chas. R. Hawley	10.03	17.50	16.00	4.68	4.60	5.00	4.50
1850	Pure Feed Starting and Growing Mash	Winsted: Chas. R. Hawley	9.90	18.63	18.00	5.40	5.50	5.18	4.50
	Wolf's Feed Store, Shelton, Conn.								
1468	Wolf's Chick Starter	Shelton: Wolf's Feed Store	11.43	17.81	16.50	5.38	7.00	4.38	4.00
1470	Wolf's Egg Mash	Shelton: Wolf's Feed Store	10.73	18.38	19.00	6.98	7.00	4.50	4.50
3044	Wolf's Growing Mash 100 lbs.	Shelton: Wolf's Feed Store	10.38	17.75	17.00	7.30	7.50	5.00	5.00
1471	Wolf's Sweetened 20% Dairy Ration (with Molasses)	Shelton: Wolf's Feed Store	11.28	21.00	20.00	7.30	9.00	4.58	4.50
	Worcester Rendering Co., Auburn, Mass.								
1926	Fish Meal	Danielson: Young Bros. Co.	7.73	54.88	50.00	0.78	2.00	8.80	4.00
	Yantic Grain & Products Co., Norwich, Conn.								
3351	Al-Mo.	Stepney: Stepney Big Y Feed Store	14.38	12.50	11.00	15.3	19.00	1.18	1.50

1347	Big (Y) All-in-All Egg Ration	Mt. Carmel: Hamden Grain Co.	11.83	17.13	15.00	3.98	5.00	6.05	4.00
1346	Big (Y) All-in-All Growing Ration	Mt. Carmel: Hamden Grain Co.	10.40	16.31	15.00	4.55	5.00	6.05	4.00
3028	Big (Y) Broiler Fattening Mash	Middlefield: Middlefield Center Grain Co.	10.93	16.81	15.00	3.93	6.00	4.90	4.00
1903	Big (Y) Chick Scratch Grains	Yantic: Yantic Grain Co.	12.53	10.63	10.00	1.13	4.00	3.20	2.00
1902	Big (Y) Chick Starter with Cod Liver Oil	Yantic: Yantic Grain Co.	9.68	18.75	18.00	3.93	6.00	4.98	4.00
1350	Big (Y) Complete Broiler and Chick Ration	Mt. Carmel: Hamden Grain Co.	9.95	18.94	17.50	4.24	6.00	5.83	4.00
3027	Big (Y) Dairy 16%	Middlefield: Middlefield Center Grain Co.	11.08	20.81	16.00	6.95	9.00	4.70	4.00
3081	Big (Y) Dairy 20%	Union City: Naugatuck Grain Co.	11.00	23.75	20.00	6.76	9.00	4.38	4.75
3432	Big (Y) Dairy 24%	Tariffville: Tariffville Grain Co.	9.73	25.88	24.00	6.28	9.00	4.68	4.75
3611	Big (Y) Fitting Ration	Willimantic: Boston Grain Co.	12.08	14.38	12.00	6.08	8.00	4.25	4.00
3412	Big (Y) Flour Middlings	Danbury: Big Y Feed Store	11.70	19.38	16.50	4.65	6.00	4.95	4.00
1349	Big (Y) Growing Feed with Cod Liver Meal and Dried Milk	Mt. Carmel: Hamden Grain Co.	11.13	18.75	15.00	5.30	6.00	5.03	4.50
3656	Big (Y) Hog and Pig Ration	Norwich: Yantic Grain & Products Co.	9.38	16.88	17.00	5.85	7.00	5.60	4.00
3082	Big (Y) Horse Feed	Union City: Naugatuck Grain Co.	12.43	10.13	9.00	3.08	8.00	2.78	2.00
1352	Big (Y) Intermediate Chick Feed	Mt. Carmel: Hamden Grain Co.	13.48	11.88	10.00	1.95	5.00	3.33	2.50
1901	Big (Y) Laying Mash with Cod Liver Oil	Yantic: Yantic Grain Co.	9.68	18.00	16.00	5.60	7.00	5.78	4.00
1348	Big (Y) Laying Mash with Dried Milk and Cod Liver Meal	Mt. Carmel: Hamden Grain Co.	11.18	17.44	18.00	4.92	7.00	5.35	4.00
3025	Big (Y) Milk and Oil Growing Feed	Middlefield: Middlefield Center Grain Co.	10.38	16.31	15.00	5.85	7.00	5.35	4.00
3433	Big (Y) Mixed Feed	Tariffville: Tariffville Grain Co.	11.65	16.44	16.00	6.25	8.00	4.58	4.00
3479	Big (Y) Scratch Feed	East Hartford: East Hartford Grain Co.	11.90	11.88	10.00	2.73	5.00	2.58	2.00
3080	Big (Y) Stock Feed	Union City: Naugatuck Grain Co.	10.05	10.13	9.00	11.23	12.00	4.45	4.00
3699	Big (Y) Sugared Oat Feed	Norwich: Yantic Grain & Products Co.	7.58	6.25	5.00	23.28	27.50	2.15	1.25
3609	Big (Y) Sugared Stock Feed	Willimantic: Boston Grain Co.	10.45	8.88	9.00	11.08	12.00	4.15	3.50
1351	Big (Y) Turkey Growing Feed	Mt. Carmel: Hamden Grain Co.	9.55	19.19	20.00	5.30	6.00	6.40	4.50
1353	Big (Y) Turkey Starter	Mt. Carmel: Hamden Grain Co.	10.13	23.50	24.00	4.28	7.00	6.48	4.50
3610	Calico Girl Scratch Feed	Willimantic: Boston Grain Co.	13.38	11.31	10.00	2.95	5.00	2.78	2.00
3478	Columbia Dairy Feed	East Hartford: East Hartford Grain Co.	9.33	23.13	20.00	11.23	12.00	4.80	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Yantic Grain & Products Co., Norwich, Conn. [Cont.]		%	%	%	%	%	%	%
3349	Columbia Horse Feed.....	Stepney: Stepney Big Y Feed Store..	12.00	10.50	10.00	7.55	7.00	2.63	3.00
1354	Columbia Laying Mash.....	Mt. Carmel: Hamden Grain Co.....	10.90	17.56	16.00	5.95	7.00	5.35	4.00
3411	Columbia Scratch Feed.....	Danbury: Big Y Feed Store.....	11.70	12.00	10.00	2.83	5.00	2.50	2.00
3350	Economy Horse Feed.....	Stepney: Stepney Big Y Feed Store..	11.95	8.38	8.00	12.28	15.00	2.33	2.00
3434	Open Formula Dairy 16%.....	Tariffville: Tariffville Grain Co.....	9.48	22.63	16.00	12.53	9.00	4.40	4.00
3026	Open Formula Dairy 20%.....	Middlefield: Middlefield Center Grain Co.....	11.75	21.38	20.00	6.45	9.00	4.25	4.00
3410	Purity Dairy Ration.....	Danbury: Big Y Feed Store.....	10.68	23.25	20.00	8.13	8.00	5.18	4.00

TABLE 2. ANALYSES OF DOG FEEDS

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture	Ash	Protein		Fiber		Fat		Nitrogen-free ext t	Phosphoric acid, (P ₂ O ₅)	Calcium oxide, (CaO)
					Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than			
					%	%	%	%	%	%			
4583	Allied Mills, Inc., Chicago, Ill. Wayne Dog Food Krums.....	Plainville: Sunshine Feed Store.....	6.53	10.96	25.81	25.00	4.07	5.00	5.40	4.00	47.23	3.65	4.51
4597	Arcady Farms Milling Co., Chicago, Ill.	Meriden: Reliable Grain & Feed Co.	5.70	10.15	23.25	23.00	3.80	1.00	3.85	2.00	53.25	3.89	4.33
4589	Austin Dog Bread and Animal Food Co., Chelsea, Mass.	New Haven: Frank S. Platt Co.....	5.33	5.38	22.25	18.00	1.45	2.00	2.00	1.00	63.59	2.34	1.75
4718	Baker Packing Co., Chicago, Ill.	New London: Mohican Co.....	73.10	0.83	10.31	10.00	1.14	0.50	2.53	2.50	12.09	0.39	0.16
4585	Battle Creek Dog Food Co., Battle Creek, Mich.	Unionville: Lawton-Miner Co.....	8.13	2.74	9.50	8.00	1.10	1.50	1.10	1.50	77.43	0.42	0.23
4584	Battle Creek Dog Food Co., Battle Creek, Mich.	Unionville: Lawton-Miner Co.....	7.05	6.63	20.44	15.00	0.84	2.00	1.55	1.00	63.49	2.48	2.00
4580	Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son.....	6.50	8.60	26.38	24.00	2.58	5.00	4.18	3.00	51.76	3.20	3.46
4581	Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son.....	6.28	8.54	26.25	24.00	2.86	5.00	4.38	3.00	51.69	3.27	3.57
4699	California Animal Products Co., Oakland, Calif.	Waterbury: First National Stores.....	73.48	1.72	9.56	8.00	0.88	0.50	2.75	2.25	11.61	0.64	0.58
	Calo Dog Food.....												

TABLE 2. ANALYSES OF DOG FEEDS—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture	Ash	Protein		Fiber		Fat		Nitrogen-free extract	Phosphoric acid, (P ₂ O ₅)	Calcium oxide, (CaO)
					Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than			
4701	Chappel Bros., Rockford, Ill. Ken-L-Ration	Waterbury: Mohican Co.	69.45	5.39	8.25	9.00	1.21	2.00	4.68	2.00	11.02	2.05	2.47
4715	Cudahy Packing Co., Chicago, Ill. Tally-Ho Dog Food	Hartford: Hartford Market Co.	71.88	1.08	11.56	12.00	0.73	1.00	3.45	3.00	11.30	0.36	0.09
4696	Daily Packing Co., Chicago, Ill. Daily Dog Food	Waterbury: A. & P. Tea Co.	65.68	4.22	12.75	12.00	2.15	1.00	4.00	5.00	11.20	1.64	1.83
4599	Albert Dickinson Co., Chicago, Ill. Dickinson's Dog Food	Hartford: Cadwell & Jones	4.78	11.88	30.50	.....	2.25	.....	5.88	.....	44.71	3.54	3.91
4593	John C. Dow Co., Cambridge, Mass. Crumpled Dog Food	Meriden: Herbert Grulich	7.40	5.54	24.88	20.00	0.95	.....	4.03	5.00	57.20	1.66	1.69
4582	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore's Complete Balanced Dog Food	Southington: Louis Perillo Coal Co.	7.83	10.12	22.00	.....	2.31	.....	4.00	.....	53.74	3.56	4.13
4579	John W. Eshelman & Son, Lancaster, Pa. Red Rose Dog and Puppy Food	Bethel: Morrison & Dunham	5.60	12.80	25.13	26.00	2.35	2.50	4.05	5.00	50.07	4.54	5.75
4592	Gaines Food Co., Sherburne, N. Y. Gaines Meat and Milk Meal	New Haven: Frank S. Platt Co.	5.90	16.56	29.38	23.00	3.50	4.00	5.70	3.00	38.96	5.93	6.91
4716	Gaines Food Co., Sherburne, N. Y. Vita-Gaines Dog Food	Guilford: Fred C. Morse & Son	71.18	2.87	12.56	.....	1.03	.....	3.03	.....	9.33	1.17	1.21
4717	Glendale Canning Co., Glendale, L. I., N. Y. Snappy Dog Food	Colchester: P. Cutler, Inc.	69.95	2.56	8.88	.....	1.43	.....	1.14	.....	16.04	0.23	0.95

4600	Kennel Food Supply Co., Fairfield, Conn. Cero-Meato	Factory	5.63	9.48	22.63	.....	1.35	.....	2.40	.....	58.51	3.66	3.84
4707	Kennel Food Supply Co., Fairfield, Conn. K F S Dog Food	Montwese: Economy Feed Service	63.83	4.07	17.19	15.00	2.24	2.50	7.40	3.50	5.27	1.51	1.62
4578	Kennel Food Supply Co., Fairfield, Conn. Plain Biscuit	Bethel: Morrison & Dunham	7.28	7.79	18.69	.....	1.45	.....	1.28	.....	63.51	3.30	3.34
4719	Larden Packing Co., Inc., Ozone Park, L. I., N. Y. Omar Dog and Cat Food	Norwich: Beit Bros. Market	80.43	0.60	3.88	8.55	1.09	0.40	0.50	1.50	13.50	0.25	0.09
4601	Larrowe Milling Co., Detroit, Mich. Larro Dog Food	So. Norwalk: Roodner Feed Co.	7.65	9.41	28.00	24.50	4.03	4.50	5.73	4.50	45.18	2.79	3.46
4698	The Loudon Packing Co., Terre Haute, Ind. Doggie Dinner	Waterbury: First National Stores	72.58	4.13	7.56	8.30	0.88	0.40	1.55	2.40	13.30	1.61	1.83
4595	Maritime Milling Co., Buffalo, N. Y. Hunt Club Dog Food	Meriden: Meriden Grain & Coal Co.	6.00	8.36	26.69	25.00	3.20	4.00	5.90	3.50	49.85	2.43	3.20
4704	Modern Food Process Co., Philadelphia, Pa. Thrivo Dog and Cat Food	Danbury: Logan Bros.	69.25	2.37	13.25	10.00	2.43	3.00	5.83	3.00	6.87	0.91	0.47
4700	John Morrell & Co., Ottumwa, Iowa Red Heart Dog Food	Waterbury: Mohican Co.	71.03	3.43	12.06	11.00	0.83	1.00	2.53	3.00	10.12	1.20	1.17
4591	National Biscuit Co., New York, N. Y. Junior Milk-Bone	New Haven: Frank S. Platt Co.	5.38	6.10	21.88	20.00	2.13	2.50	1.95	1.50	62.56	1.78	2.14
4714	National Coast Products Corp., Swedesboro, N. J. Top Hat Dog and Cat Food	New Britain: King Cole Grocery	74.75	1.89	8.19	7.00	1.70	1.50	2.75	2.00	10.72	0.42	0.24
4709	O. B. Neilsen, Laurel Hill, L. I., N. Y. Bergniel Brand Beef for Dogs	New Haven: Cook, Newton & Smith	68.38	0.77	19.00	.....	1.37	.....	10.48	.....	.....	0.34	0.08
4710	Old Trusty Dog Food Co., Needham Heights, Mass. Old Trusty Bovex Dog Food	New Haven: Pet Shoppe	72.78	0.86	9.88	10.00	0.92	1.00	4.48	2.00	11.08	0.77	0.09
4596	Perfection Foods Co., Battle Creek, Mich. Perfection Dog Food	Meriden: Reliable Grain & Feed Co.	6.20	6.34	16.25	.....	2.90	.....	3.03	.....	65.28	2.16	1.77

TABLE 2. ANALYSES OF DOG FEEDS—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture		Ash		Protein		Fiber		Fat		Nitrogen-free extract	Phosphoric acid, (P ₂ O ₅)	Calcium oxide, (CaO)
			%	%	%	%	%	%	%	%	%	%			
4706	Pet Food Sales Co., New York, N.Y. Fetch-It Dogs and Cats.....	New Haven: Joe's Market.....	73.90	2.38	5.63	10.10	1.05	1.12	0.68	2.80	16.36	0.78	0.75		
4598	Potter-Wrightington Co., Boston, Mass. Old Grist Mill Dog Bread.....	Middletown: Meech & Stoddard, Inc....	8.80	6.56	23.00	.....	2.00	.....	2.60	.....	57.04	2.65	2.36		
4586	Pratt Food Co., Buffalo, N. Y. Pratt's Dog Food Cubed.....	Unionville: Lawton-Miner Co.....	6.73	9.86	21.50	.....	2.38	.....	5.13	.....	54.40	3.04	3.52		
4594	Ralston Purina Co., St. Louis, Mo. Purina Dog Chow.....	Wallingford: A. E. Hall.....	6.53	7.00	23.75	.....	2.24	.....	3.80	.....	56.68	2.26	2.24		
4721	Rex Dog Food Products Co., Glendale, L. I., N. Y. Rex Dog Food.....	Stamford: Grand Union Co.....	75.45	0.79	5.13	7.00	1.20	0.63	1.08	2.10	16.35	0.40	0.11		
4697	Rich Products Corp., Chicago, Ill. Evr Redy Dog Food (Beef Meat).....	Waterbury: A. & P. Tea Co.....	72.20	4.62	8.69	8.00	0.93	2.00	4.82	1.00	8.74	1.72	2.11		
4792	Rich Products Corp., Chicago, Ill. Evr Redy Dog Food (Horse Meat).....	Hartford: Hartford Market Co.....	70.95	4.60	8.88	8.00	1.02	2.00	3.00	1.00	11.55	1.64	1.99		
4720	Rival Packing Co., Chicago, Ill. Rival Dog Food.....	Norwalk: James Butler Grocery Co..	71.40	0.81	10.81	10.00	1.13	0.50	2.30	2.50	13.55	0.34	0.11		
4703	Dr. W. J. Ross Co., Los Alamitos, Calif. Dr. Ross Dog and Cat Food.....	Danbury: Logan Bros.....	69.10	3.40	14.81	13.25	1.02	0.65	3.68	2.00	7.99	1.19	1.29		
4712	Sandy's Pet Food, Inc., Chicago, Ill. Sandy's Dog Food.....	New Haven: W. T. Grant Co.....	69.28	0.68	11.19	.....	0.82	.....	4.00	.....	14.03	0.29	0.06		

Connecticut Experiment Station

Bulletin 397

4708	Schlesser Bros., Portland, Oregon Man-Kind Dog Food.....	New Haven: Cook, Newton & Smith...	69.78	1.81	8.88	9.00	2.13	0.75	7.75	3.00	9.65	0.27	0.06		
4705	Seeman Bros., Inc., New York, N.Y. Major Dog Food.....	New Haven: Quality Grocery Co.....	70.70	1.33	7.44	8.00	1.32	0.76	0.50	3.00	18.71	0.56	0.33		
4722	Silver King Canning Co., Kansas City, Mo. Silver King Dog and Cat Food....	Stamford: Grand Union Co.....	71.70	2.44	10.19	8.00	0.90	0.50	2.35	2.00	12.42	0.82	0.73		
4590	Spratt's Patent, Ltd., Newark, N. J. Spratt's Fibo.....	New Haven: Frank S. Platt Co.....	5.45	2.60	23.25	20.00	1.28	1.50	3.23	2.00	64.19	1.20	0.49		
4587	Sturdy Dog Food Co., Inc., Syracuse, N. Y. Sturdy Ribbled Ration.....	Montwese: Economy Feed Service...	7.10	3.54	19.63	18.80	1.65	1.50	1.05	1.05	67.03	1.46	0.92		
4713	Swift & Co., Chicago, Ill. Pard Dog Food.....	Meriden: Fred D. Yale.....	73.38	2.17	10.31	10.50	0.76	0.50	2.85	2.50	10.53	0.53	0.32		
4588	Tioga Mills, Inc., Waverly, N. Y. Ti-O-Ga Dog Food Meal.....	Southington: Louis Perillo Coal Co....	6.25	13.06	26.75	20.00	2.33	3.00	3.60	2.50	48.01	4.57	5.36		
4702	Victor Packing Co., Oakland, Calif. Victory Dog and Cat Food.....	Danbury: Kerr Chickenis.....	76.98	1.55	5.31	6.00	1.02	0.70	1.78	1.00	13.36	0.58	0.48		
4711	Wilson & Co., Chicago, Ill. Ideal Dog Food.....	New Haven: W. T. Grant Co.....	70.98	2.19	9.75	10.00	0.97	1.00	5.50	2.00	10.61	0.85	0.66		

Analyses of Dog Feeds

ENLARGEMENT OF SCOPE OF FEED CONTROL

During the latter part of the year arrangements were made to conduct biological tests of vitamin D carriers used for feeding live stock and poultry. Preliminary trials begun in February, 1937, will be followed by examination of market samples as soon as practicable.

Dog feeds have not heretofore been included in our annual inspection of feeding stuffs. The growth of this industry and the number of brands available make it desirable to include such feeding stuffs in regular inspections.

Regulations concerning both vitamin D carriers and dog feeds are contemplated. For the current year, at least, no registrations of these products are required.

A preliminary survey of dog feeds on the market has been made and as many samples collected as time available enabled us to examine. The results are given in Table 2, (p. 503).

A summary of the inspection is as follows:

Total number of samples.....	52
Samples bearing guaranties.....	40
Guaranties made.....	119
Guaranties substantially met.....	102
Percentage of guaranties substantially met.....	86
Deficiencies in:	
protein.....	4
fiber (excess).....	3
fat.....	10
Total deficiencies.....	17

Of the products examined, 28 were moist preparations in cans. Nutrient solids were generally between 25 and 30 percent. Only one sample showed substantially less than 25 percent. The highest amount of solids found was 36.17 percent. Judging by the water content of fresh meats and of edible animal organs the amounts of water indicated in these moist products generally does not appear to be excessive.

For the preparation of a sample of canned products for analysis, the official procedure prescribed for canned meats, Methods of Analysis A.O.A.C., 4th edition, p. 353, was employed.

Moisture was determined by drying in an atmosphere of hydrogen at the temperature of boiling water. Crude fiber was determined on a separate, weighed portion approximating two grams of dry material. The charge was dehydrated with alcohol and defatted with ether, from which point the usual crude fiber procedure was followed. After the alkali digestion the residue was washed with hot water only, as treatment with alcohol at this point generally formed a jelly that was difficult to dry.

FEED EXAMINED FOR INJURIOUS INGREDIENTS

Samples of feed suspected of containing inferior or injurious materials are frequently referred to the Station for investigation. Unless some distinctly poisonous or injurious substance, or unwholesome quality, can be detected in such feeds we are not warranted in holding them to be the probable cause of the conditions complained of. In some instances we have fed suspected feeds to white rats or to chicks in order to observe deleterious effects, if any. Such tests, if positive, would not identify the factor responsible for the effect but would substantiate the suspicion attaching to the feed.

The most frequent complaints result from mortality in flocks of chicks. In such cases the cause is quite likely to be due to conditions of disease, and we advise that the animal pathologist at the Storrs Station be consulted or specimens sent to him. If his diagnosis suggests that chemical examination will be helpful, we make the usual systematic search for poisonous ingredients. In the case of feeds a microscopic examination is made for evidence of mold and poisonous weed seeds in addition to chemical tests.

Twenty-two samples have been examined in response to complaints of feeders. While in no case were distinctly poisonous ingredients found that warranted holding the feed responsible for the complaints cited, a few samples were decidedly moldy and therefore not advisable for feeding.

INDEX

	Page
Albers Bros. Milling Co., Seattle, Wash.....	426, 450
Allen, E. T., Co., Atlanta, Ga.....	426, 450
Allied Mills, Inc., Chicago, Ill.....	426, 427, 450, 451
American Distilling Co., The, Peoria, Ill.....	427
American Maize-Products Co., New York, N. Y.....	427, 451
Analyses, explanation of terms used in.....	423
Analyses of official samples.....	450
Anchor Mills, Hagerstown, Md.....	427, 451
Arcady Farms Milling Co., Chicago, Ill.....	427, 452
Archer-Daniels-Midland Co., Minneapolis, Minn.....	427, 453
Ashcraft-Wilkinson Co., Atlanta, Ga.....	427, 453
Bacon, E. R., Grain Co., Chicago, Ill.....	427, 453
Bailey, E. W. & Co, Montpelier, Vt.....	428, 453
Baker Bros., Binghamton, N. Y.....	428, 453
Barber & Bennett, Inc., Albany, N. Y.....	428, 454
Bay State Milling Co. Winona, Minn.....	428
B & B Dairy Co., Inc., The, Margaretville, N. Y.....	428, 454
Beacon Milling Co., Inc., Cayuga, N. Y.....	428, 429, 454, 455
Bisbee Linseed Co., Philadelphia, Pa.....	429, 455
Black Rock Milling Corp., Buffalo, N. Y.....	429, 455
Blatchford Calf Meal Co., Waukegan, Ill.....	429, 456
Bradley & Baker, New York, N. Y.....	429, 456
Bridge's Amos D. Sons, Inc., Hazardville, Conn.....	429, 456
Broder, Leon, Grain Store, Colchester, Conn.....	429, 456
Buckingham, C. & Co., Southport, Conn.....	429, 456
Burckhalter, C. W., Inc., New York, N. Y.....	429, 457
Campbell, C. W., Co., Westerly, R. I.....	429, 430, 457
Caple, A. B., Co., Toledo, Ohio.....	430, 457
Center Milk Products Co., Middlebury Center, Pa.....	430, 457
Central Soya Co., Inc., Decatur, Ind.....	430, 457
Checkerboard Feed Store, Oswego, N. Y.....	430, 458
Clinton Co., Clinton, Iowa.....	430, 458
Coatsworth & Cooper, Toronto, Canada.....	430, 458
Coles Feed & Grain Co., Inc., The, Middletown, Conn.....	430, 458, 459
Collis Products Co., St. Paul, Minn.....	430, 459
Commander-Larabee Corp., Minneapolis, Minn.....	430, 459
Community Service, Inc., Lakeville, Conn.....	430, 459
Conkey, G. E., Co., The, Cleveland, Ohio.....	430, 459
Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.....	430, 459
Consolidated Products Co., Danville, Ill.....	430
Consolidated Rendering Co., Boston, Mass.....	430, 460
Continental Distilling Corp., Philadelphia, Pa.....	431, 460
Copeland Flour Mills, Ltd., Midland, Ontario, Canada.....	431, 460
Corn Products Sales Co., New York, N. Y.....	431, 460
Cowee, E. A. Co., Fitchburg, Mass.....	431, 461
Cowles, C. A. Inc., Plantsville, Conn.....	431, 461
Cox, Chas. M., Co., Boston, Mass.....	431, 461
Cutler, P., Inc., Colchester, Conn.....	431, 461
Jailey, A. O., & Sons, Inc., Binghamton, N. Y.....	431, 461, 462
Jairymen's League Co-operative Association, Inc., New York, N. Y.....	431, 462
Javis, R. G., & Sons, Inc., New Haven, Conn.....	431, 462
Jaw's Products Co., Denver, Colo.....	432
Deep River Feed Store, Deep River, Conn.....	432, 463
Delaware Mills, Inc., Deposit, N. Y.....	432, 463

	Page
Denver Alfalfa Milling & Products Co., The, Lamar, Colo.....	432
Dewey Bros. Co., The, Blanchester, Ohio.....	432, 463
Dietrich & Gambrill, Inc., Frederick, Md.....	432, 463, 464
Dog Feed, Analyses of.....	503
Duluth-Superior Milling Co., Minneapolis, Minn.....	432, 464
Dunn, A. G., New York, N. Y.....	432, 464
Eastern States Farmers' Exchange, Springfield, Mass.....	432, 433, 464, 465, 466
Egg-O-Milk Co., Baltimore, Md.....	433, 466
Elmore Milling Co., Inc., Oneonta, N. Y.....	433, 466, 467
Eshelman, John W., & Sons., Lancaster, Pa.....	434, 467
Evans Milling Co., Indianapolis, Ind.....	434, 468
Excelsior Milling Co., Minneapolis, Minn.....	434
Explanation of Terms.....	423
Fairchild Milling Co., Cleveland, Ohio.....	434
Fairmont Creamery Co., The, Omaha, Neb.....	434
Farmers Feed Co., New York, N. Y.....	434, 468
Farmers Flour & Grain Co., Stratford, Conn.....	434, 468
Feed Law, The.....	421
Feeding stuffs, composition of.....	423
inspection of.....	449
Fernando Valley Milling & Supply Co., Los Angeles, Calif.....	434, 468
First National Stores, Inc., Somerville, Mass.....	434, 468
Flag Fish Co., Inc., New York, N. Y.....	435, 469
Garland, J. B., & Son, Worcester, Mass.....	435, 469
General Mills, Inc., Minneapolis, Minn.....	435, 469
Geneva Milling Co., Inc., Geneva, N. Y.....	435, 469
Grandin Milling, D. H., Co., Jamestown, N. Y.....	435, 469, 470
Grand Union Stores, Inc., New York, N. Y.....	435, 470
Great Atlantic & Pacific Tea Co., Minneapolis, Minn.....	435, 470, 471
Greenport Feed Corp., Brooklyn, N. Y.....	436, 471
Guides in Enforcement.....	424
Hales & Hunter Co., Chicago, Ill.....	436, 471
Ham, Frank B., & Co., Ltd., Toronto, Canada.....	436, 471
Hamlin, Dwight, Co., Pittsburgh, Pa.....	436, 472
Hecker H-O Co., Inc., Buffalo, N. Y.....	436
Hecker-Jones-Jewell Milling Div. of Standard Milling Co., Buffalo, N. Y.....	436, 472
Hirst & Begley Linseed Works, Chicago, Ill.....	436
Hubinger Co., The, Keokuk, Iowa.....	436, 472
Humphreys-Godwin Co., Memphis, Tenn.....	436, 472
Illinois Cereal Mills, Inc., Paris, Ill.....	436, 472
Imperial Grain & Milling Co., Toledo, Ohio.....	436, 473
International Milling Co., Minneapolis, Minn.....	436, 473
Kansas Flour Mills Corp., The, Kansas City, Mo.....	436
Kellogg Co. of Canada, Ltd., London, Ontario, Canada.....	436, 473
Kellogg Sales Co., Battle Creek, Mich.....	436, 473
Kellogg, Spencer & Sons., Inc., Buffalo, N. Y.....	437, 473
Kelloggs & Miller, Inc., Amsterdam, N. Y.....	436, 473
Keystone Dairy Co., New York, N. Y.....	437, 473
King, H. H. Flour Mills Co., Minneapolis, Minn.....	437
Krause, Chas. A., Milling Co., Milwaukee, Wis.....	437, 473
Kysor, H. P., Feed & Grain Co., New Haven, Conn.....	437, 474
Laden Bros. Co. Inc., Wallingford, Conn.....	437, 474
Lake of the Woods Milling Co., Ltd., Montreal, Que., Canada.....	437, 475
Larabee Flour Mills Co., The, Kansas City, Mo.....	437
Larrowe Milling Co., The, Detroit, Mich.....	437, 475
Lewi, Franklin L., Inc., New York, N. Y.....	437, 475
Libner Grain Co., Inc., Norwalk, Conn.....	438, 475, 476

	Page
Lines, C. W. Co., The, New Britain, Conn.....	438, 476
Litchfield County Co-op. Asso., Torrington, Conn.....	438, 477
Long Hill Feed Store, Long Hill, Conn.....	438, 477
Lovitt, L. B., & Co., Memphis, Tenn.....	438, 477
MacDonald, A. S., Commission Co., Boston, Mass.....	438, 477
Maine Fish Meal Co., Portland, Me.....	438, 477
Manchester, E., & Sons, Winsted, Conn.....	438, 477
Maritime Milling Co., Inc., Buffalo, N. Y.....	438, 439, 478
Maurer Mfg. Co., Newark, N. J.....	439, 479
Meech & Stodard, Inc., Middletown, Conn.....	439, 479
Miner-Hillard Milling Co., Wilkes-Barre, Pa.....	439, 479
Minnesota Linseed Oil Co., Minneapolis, Minn.....	439
Monti-Van Iderstine, Inc., Brooklyn, N. Y.....	439
Moon, Geo. Q., & Co., Inc., Binghamton, N. Y.....	439, 479
Morse, Fred C., & Son, Guilford, Conn.....	439, 440, 480
Morse, Jas. F., & Co., Somerville, Mass.....	440, 480
Mt. Vernon Milling Co., Mt. Vernon, Ind.....	440, 481
Muir & Co., New York, N. Y.....	440
Mutual Rendering Co., Inc., Philadelphia, Pa.....	440, 481
National Mineral Products Co., Ltd., San Francisco, Calif.....	440
New England Chemical Industries, Inc., Woburn, Mass.....	440
New England Grain Dealers' Cooperative Association, Inc., Springfield, Mass.....	440, 481
Niagara Falls Milling Co., Lockport, N. Y.....	440, 481
Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.....	440, 482
Osborn, S. V., Estate, Branford, Conn.....	440, 482
Park, M. W., & Co., San Francisco, Calif.....	440, 482
Park & Pollard Co., Buffalo, N. Y.....	441, 482, 483, 484
Patent Cereals Co., Geneva, N. Y.....	441, 484
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.....	441, 484
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.....	441, 484
Pierce, A. D., Brooklyn, N. Y.....	441, 485
Pillsbury Flour Mills Co., Minneapolis, Minn.....	441, 485
Pincoffs, Maurice, Co., Houston, Texas.....	442, 485
Pittsburgh Plate Glass Co., Newark, N. J.....	442, 485
Platt, Frank S., Co., The, New Haven, Conn.....	442, 485
Post Products Div. of General Foods Corp., Battle Creek, Mich.....	442, 485
Pratt's Food Co., Buffalo, N. Y.....	442, 486
Puffer, H. C., Co., Springfield, Mass.....	442, 486
Quaker Oats Co., The, Chicago, Ill.....	442, 486, 487
Ralston Purina Co., St. Louis, Mo.....	443, 487, 488
Reardon, John, & Sons, Co., Cambridge, Mass.....	443, 488
Registrations, list of.....	426
Robin Hood Mills, Ltd., Moose Jaw, Sask., Canada.....	443, 489
Rubin, H. M., Co., Inc., Long Island City, N. Y.....	443, 489
Russell-Miller Milling Co., Minneapolis, Minn.....	443, 489
Schoeneck Farms, Inc., Nazareth, Pa.....	443, 489
Seaboard Supply Co., Philadelphia, Pa.....	443, 489
Seaboard Western Grain Corp., New York, N. Y.....	443, 489
Seymour Grain & Coal Co., Seymour, Conn.....	444, 489, 490
Sheffield Farms Co., Inc., New York, N. Y.....	444
Sherwin-Williams Co., Cleveland, Ohio.....	444, 490
Sovitsky, Ike, Ansonia, Conn.....	444, 490, 491
Staley, A. E., Mfg. Co., Decatur, Ill.....	444, 491
Stanley, John T. Co., Inc., New York, N. Y.....	444
St. Albans Grain Co., St. Albans, Vt.....	444, 445, 491, 492, 493

	Page
St. Lawrence Flour Mills Co., Ltd., The, Montreal, Quebec, Canada.....	445, 493
Stickell, D. A., & Sons, Inc., Hagerstown, Md.....	445, 493
Stock, F. W., & Sons, Hillsdale, Mich.....	445, 494
Swift & Co. Oil Mills, Atlanta, Ga.....	445, 494
Syracuse Milling Co., Syracuse, N. Y.....	445, 494
Thomaston Supply Co., Inc., Thomaston, Conn.....	445, 495
Tioga Mills, Inc., Waverly, N. Y.....	446, 495
Traders Feed & Grain Co., Inc., Buffalo, N. Y.....	446, 495
Trinley, Jacob, & Sons, Linfield, Pa.....	446, 496
Union Starch & Refining Co., Columbus, Ind.....	446, 496
Union Supply & Milling Corp., Burbank, Calif.....	446, 497
United Co-operative Farmers' Inc., Fitchburg, Mass.....	446, 497
Unity Feeds, Inc., Boston, Mass.....	446, 447, 497, 498
Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.....	447, 498
Urban, Geo., Milling Co., Buffalo, N. Y.....	447
Van Iderstine Co., The, Long Island City, N. Y.....	447, 498
Victor Flour Mills, Inc., Pittsford, N. Y.....	447, 499
Walker, Hiram, & Sons, Inc., Peoria, Ill.....	447
Ward Dry Milk Co., St. Paul, Minn.....	447, 499
Watertown Coöperative Association, Inc., Watertown, Conn.....	447, 499
Wayne County Grangers Feed Corp., Clyde, N. Y.....	447, 499
West-Nesbitt, Inc., Oneonta, N. Y.....	447, 448, 499, 500
Wolf's Feed Store, Shelton, Conn.....	448, 500
Worcester Rendering Co., Auburn, Mass.....	448, 500
Yantic Grain & Products Co., The, Norwich, Conn.....	448, 500, 501, 502