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REPORT ON INSPECTION

COMMERCIAL FEEDING STUFFS

1954



H. J. FISHER
Chief Chemist

THE CONNECTICUT AGRICULTURAL EXPERIMENT
STATION, NEW HAVEN, CONNECTICUT

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COMMERCIAL FEEDING STUFFS

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THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 320, General Statutes, Revision of 1949) imposes upon the Station (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law.

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

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

REGULATIONS

REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (Sec. 6740)

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

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

¹Analyses are by Mr. O. L. Nolan, Miss Helen Kocaba, Mrs. Gillian Rose and Mrs. Norma Spencer; biological assays under direction of Dr. R. B. Hubbell and Dr. Lester Hankin; microscopic examinations by Miss Janetha Shepard; and sampling by Mr. Richard Nichols. Compilations are by Miss Evelyn Caputo and Miss Eleanor Hopcraft.

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

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

REGULATION 2. METHOD OF LABELLING (Sec. 6741)

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

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

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

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

REGULATION 3. CONCERNING VITAMIN D CARRIERS

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

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

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

REGULATION 4. CONCERNING COTTONSEED MEAL, ETC.

Cottonseed meal, linseed meal, soybean meal, and other vegetable feeds that are sold as fertilizer, are required to be registered under the provisions of the fertilizer law in addition to registration as feeds. If

sold exclusively for one or the other of these purposes, the articles may be registered only under the law which applies.

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

REGULATION 5. DUTIES OF MANUFACTURERS, JOBBERS AND DEALERS WITH REFERENCE TO REGISTRATION

(Sec. 6742)

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

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

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

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

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

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

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

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

REGULATION 7. METHODS OF ANALYSIS

(Sec. 6741)

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

REGULATION 8. CONCERNING MEDICATED FEEDS AND MINERAL
MIXTURES

The law does not include medicated products used as "conditioners" for stock and poultry, and which consist essentially of substances possessing, or claimed to possess, medicinal or condimental properties; nor does it include products consisting of supplemental minerals.

REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

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

REGULATION 10. REVISIONS AND SUBSTITUTIONS
OF REGISTRATIONS

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

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

REGISTRATIONS

For the period January 1, 1954, to December 31, 1954, 217 firms registered 1,376 brands of feeding stuffs, and 19 firms registered 45 brands of vitamin D carriers.

As required by statute the registrations are listed as follows:

**Ackerman-Beardsley-Bennett, Inc., Chamber of Commerce Bldg., P. O. Box 1087,
Albany 1, New York**

Bran (*Mfr'd. by Dutton Flour Mills, Dutton, Ontario, Canada*)
Corn Distillers Dried Grain

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

Acme Hominy
Acme Wheat Bran

Adams Packing Association, Inc., Auburndale, Fla.

Adams Dried Citrus Pulp

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

Calf Manna
Suckle

Allied Chemical & Dye Corp., (Nitrogen Division), 40 Rector St., New York 6, N.Y.

"Arcadian" Urea Feed Mixture

Allied Mills, Inc., 3400 Bd. of Trade Bldg., Chicago, Ill.

June Pasture
Sugarine 16% Dairy
Wayne Breeder Mash
Wayne Calf Starter
Wayne Calf Supplement
Wayne Calfnip
Wayne Chick Feed
Wayne 16% Dairy
Wayne 20% Dairy
Wayne 24% Dairy
Wayne Dairy Mixer
Wayne 42% Dairy Mixing Supplement
Wayne 26% Egg and Breeder
Wayne Egg Mash
Wayne Fattening Pellets
Wayne Fitting Ration
Wayne Growing Mash
Wayne Horse Feed
Wayne Mash Layer
Wayne 16% Milk Producer
Wayne Mink Meal
Wayne Pork Maker
Wayne Rabbit Ration
Wayne Ranch Meal
Wayne Tail Curler
Wayne Test Cow Ration
Wayne Turkey Fitting Ration
Wayne Turkey Growing Mash

Allied Mills, Inc., 3400 Bd. of Trade Bldg., Chicago, Ill.—Cont.

Wayne Universal Breeder (An All Mash Feed)
 Wayne Universal Dairy Feed
 Wayne Universal Egg (An all mash Feed)
 Wayne Universal Grower (An all mash Feed)
 Wayne Universal Turkey Breeder Mash
 Wayne Universal Turkey Grower

Almonte Flour Mills Ltd., Ontario, Canada

"Shorts"

The Amburgo Co., Inc., Philadelphia, Penna. (See Fishel Products Co.)**American Crystal Sugar Company, 600 Boston Building, Denver, Colo.**

• Molasses Dried Beet Pulp
 Plain Dried Beet Pulp

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

Amaizo Corn Oil Meal
 Amaizo Gluten Meal
 Cream of Corn

Anheuser-Busch, Inc., 721 Pestalozzi St., St. Louis, Mo.

Anheuser-Busch Brand Corn Gluten Feed (Bulk)
 Budweiser Brewer's Dried Grains

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

Archer Quality 34% Protein Solvent Extracted Linseed Oil Meal
 Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal
 Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal

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

Sweet Suni-Citrus Pulp (*Mfr'd. by The Suni-Citrus Products Co., Haines City, Fla.*)

B and W Canning Co., Groveland, Lake County, Fla.

"B'n' W"

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

Auburn "14"
 Auburn "16"
 Auburn "20"
 Beacon "16"
 Beacon "20"
 Beacon Balancer Pellets
 Beacon Breeder All-Mash
 Beacon Breeders Mash
 Beacon Broiler Finisher
 Beacon Calf Grain
 Beacon Calf Starter
 Beacon Chick Grains
 Beacon Complete Rabbit Pellets
 Beacon Complete Starter

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

Beacon Creep Feed
 Beacon Dairy Fitting
 Beacon Duck Breeder
 Beacon Duck Finisher
 Beacon Duck Grower
 Beacon Duck Starter
 Beacon "22" Egg Mash
 Beacon "24" for Mixing with Home Grains
 Beacon "32" for Mixing with Home Grains
 Beacon Goat Ration
 Beacon Grower All-Mash
 Beacon "18" Growing Mash
 Beacon Hog Supplement
 Beacon Horse Feed
 Beacon Market Egg All-Mash
 Beacon Pig Grower
 Beacon Pig Starter
 Beacon Poultry Fitting
 Beacon Sow Feed
 Beacon Special Crate Fattener
 Beacon Starter Broiler
 Beacon Steer Fattener
 Beacon Steer Supplement
 Beacon "14" Test Cow Ration
 Beacon "18" Test Cow Ration
 Beacon Turkey & Game Bird Breeder
 Beacon Turkey & Game Bird Fitting
 Beacon Turkey & Game Bird Grower
 Beacon Turkey & Game Bird Starter
 Beacon Turkey Finisher All-Mash
 Beacon Turkey Grower All-Mash
 Beacon "15" with Pellets
 Be-Co-Lass

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

Nibco Crate Fattener
 Nibco 18% Dairy Ration
 Nibco Fitting Ration
 Nibco Five Star Broiler Mash
 Nibco High Energy Breeder Mash
 Nibco High Energy Growing Mash
 Nibco High Energy Laying Mash
 Nibco Laying Mash
 Nibco Nine Week Broiler Mash
 Nibco Scratch Feed

Birdwood Products Co., North Platte, Neb.

17% Dehydrated Alfalfa Meal or Pellets

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calfadine
 Blatchford's Calf-Pab
 Blatchford's Pablets
 Blatchford's Rabbit Pellets

The Borden Co. — Special Products Div., 350 Madison Ave., New York 17, N. Y.

(See also *Vitamin D Carriers*)

Borden's Ration-Ayd for Poultry Mash

The Borden Co.—Special Products Div., 350 Madison Ave., New York 17, N. Y.—Cont.

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

Borden's Soy Processing Co., Div. of the Borden Co., Kankakee, Ill.

Borden's 44% Protein Solvent Extracted Soybean Oilmeal

Bosco & Bower, Ltd., Board of Trade Bldg., 300 St. Sacrement St., Montreal, Canada

Phenix Pure Wheat Bran (*Mfr'd. by Phenix Milling Co., Ltd., Galt, Ontario, Canada*)
 Phenix Wheat Shorts (*Mfr'd. by Phenix Milling Co., Ltd., Galt, Ontario, Canada*)

Bremco Alfalfa Mills, Inc., New Bremen, Ohio

Medogreen Alfalfa Meal

C. W. Brister & Son, Auburn, N. Y.

Prize Mixed Feed

L. Broder & Co., Inc., Colchester, Conn.

L. B. 16% Dairy Ration

Brooklawn Grain & Feed Co., 321 Sylvan Ave., Bridgeport, Conn.

Brooklawn 16% Dairy Ration
 Brooklawn Egg Mash
 Brooklawn Starter-Broiler.
 Brooklawn Sweet Mix

Brown-Forman Distillers Corp., 1908 Howard St., Louisville, Ky.

Brown-Forman Corn Distillers Dried Grains
 Brown-Forman Corn Distillers Solubles

The Buckeye Cotton Oil Co., Cincinnati, Ohio

Buckeye 36% Protein Cottonseed Meal, Prime Quality
 Buckeye 41% Protein Cottonseed Meal, Prime Quality
 Buckeye 41% Protein Solvent Extracted Cottonseed Meal
 Buckeye 44% Protein Solvent Extracted Soybean Oil Meal

Camden Grain Co., 1709 Kossuth St., Camden, N. J.

Camden Brand Dried Brewers Grain

Camp Milling Co., Inc., Walton, N. Y.

Hurlburt's Empire Complete Rabbit Pellets

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

Best Pig & Hog Ration
 Caldwell's Choice 41% Protein Cottonseed Meal (*Mfr'd. by Caldwell & Co., Madison, Ga.*)
 Camco Horse Feed
 14% Dairy Ration
 16% Dairy Ration
 16% Dairy Ration — Coarse
 Economical Stock Feed

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

Egg-O Chick Starter & Broiler Ration
 Egg-O Complete Layer
 Egg-O Grower
 Egg-O Laying Mash
 Egg-O Special Broiler
 Egg-O 22% Turkey Finisher
 Egg-O Turkey Grower
 Egg-O Turkey Starter
 12% Fitting Ration
 Sheep and Goat Feed

Canada Linseed Oil Mills, Ltd., 2215 Notre Dame St., East Montreal 24, Quebec, Canada

"Maple Leaf Brand" Pure Linseed Oilcake Meal 35% Protein

The Canada Starch Co., Ltd., 1940 Sun Life Bldg., Montreal, Quebec, Canada

Edwardsburg Corn Gluten Feed

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

Alfalfa Stem Meal

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

Cargill, Inc. 34% Protein Solvent Extracted Linseed Oil Meal
 Cargill, Inc. 44% Protein Solvent Extracted Soybean Oil Meal

Caro-Green, Inc., 2463 So. 27 Ave., Omaha, Neb.

Caro-Green Granules '56
 Caro-Green Leaf Granules

Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester, Conn.

Honest Brand Breeder Mash
 Honest Brand Complete High Energy Growing Mash
 Honest Brand Complete Ration High Energy Laying Mash
 Honest Brand 16% Dairy
 Honest Brand Growing Mash
 Honest Brand Laying Mash
 Nu Weigh Hi Broiler Mash
 Nu Weigh Hi Broiler Finisher Mash
 Nu Weigh Hi Starter Mash

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

Central 4-44 (4% Fat—44% Protein) Soybean Oil Meal
 Central Star 44% Solvent Extracted Soybean Oil Meal

S. J. Cherry & Sons, Ltd., Preston, Ontario, Canada

Wheat Bran
 Wheat Shorts

Citrus Feed Co., P.O. Box 513, Lakeland, Fla.

Ace High All Sweet Dried Citrus Pulp
 Florida Crest All Sweet Dried Citrus Pulp

Clinton Foods Inc., Clinton, Iowa

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

Clinton Foods, Inc., Florida Products Div., Auburndale, Fla.

McDonald Brand Dried Citrus Pulp
Maxcy Feeds Dried Citrus Pulp

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

Supreme Brand Condensed Buttermilk

Clyde Milling Corp., 15 Sodus St., Clyde, N. Y.

Clyde 16 Dairy Ration
Clyde Dry & Freshening Ration with Pellets
Clyde Horse Feed
Clyde M-B-F (Meat Bird Finisher)
Clyde Milky-Las 15 Dairy Ration
Clyde Spec. Complete Growing Mash
Clyde 16 Test Cow Ration (with Pellets)
Clyde Turkey Grower
Cottonseed Oil Meal
Dried Apple Pomace
New England 16 Dairy Ration
Warren's Dairy Fitting Ration (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)
Warren's 16 Dairy Ration (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

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

"C and C" Wheat Bran
"C and C" Wheat Shorts

Cocke & Company, 208 William-Oliver Bldg., Atlanta 3, Ga.

Cocke-Sure Brand 41% Cottonseed Meal

Commercial Solvents Corp., 1331 So. First St., Terre Haute, Ind.

B.Y.-21 Dried Grain & Skimmed Milk Fermentation Solubles
B.Y.-500 Dried Grain and Cane Syrup Fermentation Solubles
Corn Distillers Dried Grains
Corn Distillers Dried Solubles

Community Service, Inc., Canaan, Conn.

Community Complete Pig Feed
Community 16% Dairy Ration
Community 18% Dairy Ration
Community 20% Dairy Ration
Community Fitting Ration
Community Growing Mash
Community Laying Mash
Community Starter & Grower Mash

The Connecticut Grains Corp., Crosby St., Lowell, Mass.

Superior Brand Dried Brewers Grain

Consolidated Fisheries Co., Lewes, Del.

Consolidated Fish Meal "SQUANTO BRAND"

Consolidated Products Company, Danville, Ill.

(*See also Vitamin D Carriers*)

Consolidated's Dried Whole Whey
New "E" Emulsion—Self Feeding
New Kalf-A
New Semi Solid "E" Emulsion
Pex Condensed Whey—50% Solids

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

- Corenco Feeding Bone Meal
- Corenco Fish Meal
- 45% Corenco Meat & Bone Scrap
- 47% Corenco Meat & Bone Scrap
- 50% Corenco Meat & Bone Scrap

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

- Dried Corn Distillers Solubles

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

- Dandy Wheat Bran
- Dandy Wheat Shorts

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

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

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

- Blue C Feed Complete Growing Mash
- Blue C Feed Complete Laying Mash
- Blue C Feed 16% Dairy Ration
- Blue C Feed 20% Dairy Ration
- Blue C Feed Fitting Ration
- Blue C Feed Growing Mash
- Blue C Feed Hog & Pig Feed
- Blue C Feed Laying Mash
- Blue C Feed Plantsville Dairy Ration
- Blue C Feed Rabbit Pellets
- Blue C Feed Sheep & Goat Ration
- Blue C Feed Starting Mash
- Blue C Feed Super 16% Coarse Dairy Ration
- Blue C Feed Super 16% Dairy Ration
- Blue C Feed Turkey Finishing Mash
- Blue C Feed Turkey Growing Mash
- Blue C Horse Feed with Molasses
- Blue C Special Starter & Broiler Feed
- C. A. Cowles Inc. Turkey Starting Mash
- Elco Laying Mash
- High-Energy Elco Complete Lay
- Red C Feed 16% Dairy Ration
- Red C Feed Fitting Ration
- Red C Feed Laying Mash
- Red C Feed Starting & Growing Mash

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

- Wirthmore Baby Chick Scratch
- Wirthmore Breeder Mash (Pellets)
- Wirthmore 38% Broiler Concentrate
- Wirthmore Calf Starter Meal
- Wirthmore Calving Ration
- Wirthmore Challenger Coarse 12
- Wirthmore Challenger Coarse 14
- Wirthmore Challenger Coarse 16
- Wirthmore Challenger 16 Dairy
- Wirthmore Challenger 20 Dairy
- Wirthmore Coarse Test Ration (Pellets)
- Wirthmore Complete Breeder Ration (Pellets)
- Wirthmore Complete Chick Starter

Chas. M. Cox Co., 177 Milk Street, Boston, Mass.—Cont.

- Wirthmore Complete Egg Ration (Pellets)
- Wirthmore Complete Growing Ration (Pellets)
- Wirthmore Complete Turkey Breeder Ration (Pellets)
- Wirthmore 16% Dairy Ration
- Wirthmore 20% Dairy Ration
- Wirthmore 32% Dairy Supplement
- Wirthmore Fattening Pellets
- Wirthmore 14 Fitting Ration (Pellets)
- Wirthmore Fodder Greens
- Wirthmore Game Bird Starter (Pellets)
- Wirthmore Growing Mash (Pellets)
- Wirthmore Hi-Ener-G Breeder (Pellets)
- Wirthmore Hi-Ener-G Grower (Pellets)
- Wirthmore Hi-Ener-G Layer (Pellets)
- Wirthmore Hog Grower
- Wirthmore Horse Feed
- Wirthmore Improved Hi-Ener-G Starter & Broiler Ration (Pellets, Crumbled)
- Wirthmore Intermediate Scratch
- Wirthmore Laying Mash (Pellets)
- Wirthmore Mornin' Call Scratch
- Wirthmore Pig & Sow Feed (Pellets)
- Wirthmore 32% Poultry Concentrate
- Wirthmore Poultry Fitting Ration
- Wirthmore Poultry Flush
- Wirthmore Producer 16 Dairy
- Wirthmore Rabbit Pellets
- Wirthmore 16 Record Ration (Pellets)
- Wirthmore 18 Record Ration
- Wirthmore Scratch Feed
- Wirthmore Sheep & Goat Ration
- Wirthmore Special Scratch with Cracked Corn
- Wirthmore Special Scratch with Whole Corn
- Wirthmore Station Feed
- Wirthmore Stock Feed
- Wirthmore Super Pellets
- Wirthmore Turkey Breeder Ration (Pellets)
- Wirthmore Turkey Fattening Ration (Pellets)
- Wirthmore Turkey Growing Ration (Pellets)
- Wirthmore Turkey Starter Ration (Pellets, Crumbled)
- Wirthmore Twin-Mix Calf Ration
- Double Diamond Baby Chick Grains (*Mfr'd. by Dailey Mills, Inc., Olean, N.Y.*)
- Double Diamond Pig & Hog (*Mfr'd. by Dailey Mills, Inc., Olean, N.Y.*)
- Maple Leaf Shorts (*Mfr'd. by Maple Leaf Milling Co., Toronto, Ontario, Canada*)
- Rex Wheat Bran (*Mfr'd. by Maple Leaf Milling Co., Toronto, Ontario, Canada*)
- Rex Wheat Middlings (*Mfr'd. by Maple Leaf Milling Co., Toronto, Ontario, Canada*)

Crawford Brothers, Inc., 109 Delaware St., Walton, N. Y.

- Calf Starter Ration
- Complete Chick Starter Mash or Pellets
- Complete Egg Mash or Pellets
- Complete Growing Mash or Pellets
- 16% Dairy Ration
- 18% Dairy Ration
- 20% Dairy Ration
- 32% Dairy Supplement
- 14% Dry & Freshening
- 14% Fitting Ration
- Growing Mash or Pellets
- Hi-Energy Starter & Broiler Mash
- Horse Feed
- Laying Mash or Pellets

Crawford Brothers, Inc., 109 Delaware St., Walton, N. Y.—Cont.

16% Milk Flow
 12% Poultry Finishing Feed
 Rabbit Pellets
 Scratch Grain
 Starter Broiler Mash or Pellets
 Turkey Growing Mash or Pellets
 Warrens Milkproducer 16% Dairy Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
 Prosperity Laying Mash

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

Candy Horse Feed
 34% Cost Buster
 Double Diamond Complete Egg Producer
 Double Diamond Complete Grower
 Double Diamond Complete Layer
 Double Diamond Hi-Cal Body Builder
 Double Diamond Hi-Cal Broiler Finisher
 Double Diamond Hi-Cal Rabbit Pellets
 Double Diamond Hi-Cal Starter Broiler
 Double Diamond Hi-Cal 16% Test Ration
 Double Diamond Lay-Mix 36%
 Double Diamond Layer
 Double Diamond 16% Milk Producer
 Double Diamond 20% Milk Producer
 Double Diamond 14% Pelleted Fitting Ration
 Double Diamond 16% Price Smasher
 Egg Producer
 35% Hog Supplement
 Mixing Pellets

Dairymen's League Co-operative Ass'n., Inc., 100 Park Ave., New York, N. Y.

Dairylea Choice Feed Grade Dried Skim Milk

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

Davis 16% Dairy Feed
 Davis Egg Mash
 Davis Horse Feed
 N. E. College Conference Growing
 N. E. College Conference Mash

Dawe's Products Co., 4800 So. Richmond St., Chicago, Ill.

(See also *Vitamin D Carriers*)

Dawe's Sterol D3
 Flavonne Broiler Base
 Flavonne Ribo D
 Flavonne Ribo D Special Mix 660

Dawnwood Farms, Amenia, N. Y.

Dawnwood Farms Caf-Star Formula Feed for Calves
 Dawnwood Farms Dots

Decatur Milling Co., Inc., Decatur, Ill.

Homco Hominy Feed

Delaware Mills, Inc., Deposit, N. Y.

Delamycin (Contains 200 g. Aurcomycin)
 Delaware Breeder Mash
 Delaware Broiler Finisher
 Delaware Broiler Mash
 Delaware Chick Starter
 Delaware Egg Mash
 Delaware Fattening Mash
 Delaware Fitting Ration
 Delaware Growing Mash
 Delaware H-E Layer and Breeder
 Delaware Poultry Fitting Ration
 Delaware Scratch Grains
 Delaware Starter & Broiler
 Delaware Sweet 16% Dairy Feed
 Delaware 18% Test Ration
 Delaware Turkey Developer
 Delaware Turkey Grower
 Delaware Turkey Starter
 Indian Sweet 16% Dairy Feed

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

Litsky's Hi-Energy All Mash Grower
 Litsky's Hi-Energy All Mash Layer
 Litsky's Hi-Energy Layer
 Litsky's Hi-Energy Starter-Broiler
 Litsky's Sweet 16% Dairy Ration

The Derwood Mills, Inc., Derwood, Md.

Derwood Horse Crunch

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

Wheat Bran
 Wheat Shorts

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

D & G Calf Grower
 Gambrill's Chick Grains

Distillers Corp., Ltd., Ville LaSalle, Quebec, Canada

Distilco Corn Distillers' Dried Grains 25%

Doughnut Corp. of America, Ellicott City, Md.

Domaco Pure Winter Wheat Bran
 Domaco Winter Wheat Standard Middlings

Dow Brewery, Ltd., Montreal 3, Quebec, Canada (*See C. J. Martenis Grain Co.*)**The Drackett Products Co., Cincinnati 32, Ohio**

Drackett 44% Protein Soybean Oil Meal-Solvent Extracted

Dutton Flour Mills, Dutton, Ontario, Canada (*See Ackerman-Beardsley-Bennett Inc. and A. S. MacDonald Commission Co.*)**Eastern States Farmers' Exchange, Inc., West Springfield, Mass.**

All-Mash Breeder (Mash and Pellets)
 All-Mash Developer (Mash and Pellets)

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

Elmore Super Broiler Ration
 Elmore Super Silage
 Elmore 30% Supplemental Dairy Feed Ration
 Elmore Test Ration 16%
 Elmore Test Ration 18%
 Elmore Turkey Breeder Mash
 Elmore Turkey Finisher (Fattener)
 Elmore Turkey Fitting Ration
 Elmore Turkey Growing Mash
 Elmore Turkey Starting Mash or Crumbles

John W. Eshelman & Sons, Lancaster Pa.

Conestoga 18 Dairy Feed
 Lancaster Scratch Grains
 Pennsy 16 Dairy Feed
 Pennsy Laying Mash
 Red Rose Breeder Mash
 Red Rose Broiler Finisher
 Red Rose Calf Grower
 Red Rose Calf Starter
 Red Rose 30% Cattle Supplement
 Red Rose Chick Grains
 Red Rose Complete Breeder Ration
 Red Rose Complete Growing Ration
 Red Rose Complete Laying Ration
 Red Rose 16 Dairy Feed
 Red Rose 18 Dairy Feed
 Red Rose 32% Dairy Supplement
 Red Rose Duck Grower & Breeder (Pelleted)
 Red Rose Fattening Mash
 Red Rose Finishing Pellets
 Red Rose Fitting Ration
 Red Rose Goat Ration
 Red Rose Ground Corn & Oats
 Red Rose Growing Mash
 Red Rose Hog Meal
 Red Rose Horse Feed
 Red Rose Intermediate Chick Grains
 Red Rose Laying Mash
 Red Rose Milk Replacer
 Red Rose Pig and Sow Meal
 Red Rose Pig Starter Pellets
 Red Rose Pigeon Feed
 Red Rose 36% Poultry Supplement
 Red Rose Rabbit Pellets
 Red Rose S-O-S
 Red Rose Scratch Grains
 Red Rose Starter & Grower
 Red Rose Steer Feed
 Red Rose Super Dairy Feed
 Red Rose T-C Feed
 Red Rose 14 Test Cow Ration
 Red Rose Turkey & Broiler Fitting Feed
 Red Rose Turkey Grower
 Red Rose Turkey Starter

Evans Milling Co., Inc., Indianapolis, Ind.

Emco Hominy Feed

Excelsior Milling Co., Minneapolis, Minn.

Camel Wheat Mixed Feed with Screenings

Fairmont Foods Co., 3201 Farnam St., Omaha, Neb.

Fairmont's Better Brand Condensed Buttermilk

Farm Bureau Association, 155 Lexington St., Waltham, Mass.

Farm Bureau Complete Market Egg Mash or Pellets

Farm Bureau Dairy 16%

Farm Bureau Dairy 20%

Farm Bureau Developer Mash or Pellets

Farm Bureau Fitting Ration

Farm Bureau Market Egg Mash

Farm Bureau 14% Milking Ration

Farm Bureau Rabbit Food Pellets

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

"Bull Brand" Brewers Dried Grains

Farmers' Marketing and Supply Co., Greenville, Ohio

FMS - A - a food for baby animals to be used in place of milk

Feed Products, Inc., Groveland, Fla.

Bestest Brand "Nature Sweet" Dried Citrus Pulp

Bestest Brand "Nature Sweet" Dried Citrus Pulp (Late Production)

Fish Products Co., Lewes, Del.

Smith's Lifeline Brand Fish Meal

Fishel Products Co., Highway 99 & 18th, Box 66, Kingsburg, Calif.

Amburgo Superstrate—with Unifac (*Mfr'd. for the Amburgo Co., Inc., Philadelphia, Pa.*)

Florida Citrus Cannery Cooperative, Lake Wales, Fla.

Lake Wales Brand Citrus Pulp

Flory Milling Co., Bangor, Pa.

Flory 16% Dairy Feed

Flory Hi-Efficiency All Mash Layer

Flory Record 16% Dairy Feed (Partly Pelleted)

Flory Superior 14% Fitting Ration (Partly Pelleted)

Flory Superior 16% Dairy Feed (Partly Pelleted)

The Fox Co., Newfield, N. J.

(*See also Vitamin D Carriers*)

Foxco Flavitein

Fruit Industries, P.O. Box 338, Bradenton, Fla.

Tropicana's Sweetest Dried Citrus Pulp

General Foods Corp., Corn Mill Div., N. Hobbie Ave., Kankakee, Ill.

Burt's Hominy Feed

General Foods Corp., Post's Cereals Div., 275 Cliff St., Battlecreek, Mich.

Burt's Cereal Feed

General Mills, Inc., 400 Second Ave. So., Minneapolis, Minn.

Arlington Wheat Second Clear
 Ben Hur Wheat Bran & Ground Wheat Screenings not Exceeding Mill Run
 Ben Hur Wheat Standard Middlings & Ground Wheat Screenings not Exceeding Mill Run
 General Mills 44% Protein Solvent (Hexane) Extracted Soybean Oil Meal
 Gold Medal Wheat Germ Meal
 Oven Tailings
 Sunny South Wheat Bran
 Washburn's Gold Medal Fancy Wheat Flour Middlings and Ground Wheat Screenings Not Exceeding Mill Run
 Washburn's Gold Medal Fancy Wheat Mixed Feed with Ground Wheat Screenings Not Exceeding Mill Run
 Washburn's Gold Medal Wheat Adrian Red Dog
 Washburn's Gold Medal Wheat Bran (Free from Screenings)
 Washburn's Gold Medal Wheat Bran and Ground Wheat Screenings Not Exceeding Mill Run
 Washburn's Gold Medal Wheat Standard Middlings and Ground Wheat Screenings Not Exceeding Mill Run

General Mills, Inc., Larrowe Div., Box 68, North End Sta., Detroit 2, Mich.

Larro Chick Grains
 Larro Poultry SureHatch 38
 Larro Poultry SureHatch Complete "Hi-Energy"
 Larro Poultry SureHatch "Hi-Energy"
 Larro Scratch Grains
 Larro SureBroiler Finisher
 Larro SureBroiler 32 Finisher
 Larro SureBroiler 38 Starter
 Larro SureCalf
 Larro SureCattle 32
 Larro SureChick
 Larro SureFat
 Larro SureGrow Complete "Hi-Energy"
 Larro SureLay Complete "Hi-Energy"
 Larro SureLay "Hi-Energy"
 Larro SureMash Concentrate
 Larro SureMilk 14
 Larro SureMilk 16
 Larro SureMilk 20
 Larro SureMilk 32
 Larro SureMilk 33
 Larro SurePig
 Larro SurePork 35
 Larro SurePork Complete
 Larro SurePork Concentrate
 Larro Surepork Pasture 40
 Larro SurePoult
 Larro SureRabbit
 Larro SureTurk
 Larro SureTurk Finisher Complete
 Larro SureTurk Fryer Complete
 Larro SureTurk Grower Complete
 Larro Turkey SureHatch
 Screened Cracked Corn

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

Glidden Broiler Ration
 Glidden Hi-Flo 16
 Glidden 44% Protein Solvent Extracted Soybean Oil Meal
 Glidden Super Broiler Ration

Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.
 Globpro Brand Fish Meal

Goldenrod Oil Meal Sales Co., Memphis, Tenn.
 Goldenrod Brand 41% Protein Cottonseed Meal

Gooderham & Worts, Ltd., Toronto, Canada (*Dist. in U. S. by Riverside Elevator Co., Detroit, Mich.*)

Gorton-Pew Fisheries Co., Ltd., 327 Main St., Gloucester, Mass.
 (*See also Vitamin D Carriers*)
 Gorton's Al-Blend "Junior"
 Gorton's Al-Blend "Senior"

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

Grandin's Baby Chick Grains
 Grandin's Calf Starter
 Grandin's Complete Chick Starter
 Grandin's Complete Growing Mash
 Grandin's Dry & Freshening Ration
 Grandin's 14 Fitting Ration
 Grandin's Happy Calf Milk Replacer
 Grandin's Hi-Nutro Mash
 Grandin's Hi-Pro Pellets
 Grandin's Horse Feed
 Grandin's Intermediate Chick Grains
 Grandin's Laying Mash
 Grandin's 16 Milk Maker
 Grandin's 20 Milk Maker
 Grandin's Pig & Sow Feed
 Grandin's Pork Maker
 Grandin's Poultry & Turkey Fitting Ration
 Grandin's Rabbit Pellets
 Grandin's Start to Finish Mash
 Grandin's Stim-U-Feed
 Grandin's Super Starter & Broiler Ration
 Grandin's Ten-Hi Broiler Ration
 Grandin's 16 Test Ration
 Grandin's 18 Test Ration
 Grandin's Turkey Fattener
 Grandin's Turkey Grower
 Grandin's Twin Six Dairy Feed
 Peerless 16 Dairy Feed

Great Atlantic & Pacific Tea Co., 817 Andrus Bldg., Minneapolis, Minn.
 Daily Egg Laying Mash
 Daily Growth Chick Starter
 Daily Growth Fine Chick Feed
 Daily Growth Growing Mash

Great Star Flour Mills, Ltd., St. Marys, Ontario, Canada (*See A. S. MacDonald Commission Co.*)

Green Acre Farms, Nazareth, Pa.
 Green Acre's Brand 17% Dehydrated Alfalfa Meal

Haffenreffer & Co., Inc., 30 Germania St., Boston, Mass.
 Haffenreffer & Co.'s Brewers' Dried Yeast

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

Gold Flake Dairy 16
Gold Flake Dairy 16½
Pioneer Bull Feed
Pioneer Calf Starter
Pioneer Creep & Fitting Ration
Pioneer Creep & Fitting Supplement
Pioneer 16 Dairy
Pioneer 18 Dairy
Pioneer Dairy Fitting Feed
Pioneer 30 Dairy Meal
Pioneer 32 Dairy Pellets
Pioneer Dairy Sup-Pel
Pioneer Dry & Freshening
Pioneer Horse Feed
Pioneer Pelleted Flaked 15 Dairy
Pioneer Pelleted Flaked 16 Dairy
Pioneer Pelleted Flaked Dairy Goat Feed
Pioneer Rabbit Pellets
Red Comb All Mash Breeder
Red Comb All Mash Layer
Red Comb Balancer
Red Comb Breeder Mash
Red Comb Broiler Crate Fattener
Red Comb Broiler Finisher
Red Comb Broiler Mash
Red Comb C Flakes
Red Comb Chick Starter
Red Comb Complete Turkey Grower
Red Comb Crate Fattener
Red Comb Duck Grower
Red Comb Duck Starter
Red Comb Egg Mash
Red Comb Growing Mash
Red Comb Poultry Flesher
Red Comb Scratch Feed
Red Comb Turkey Breeder
Red Comb Turkey Finisher Pellets
Red Comb Turkey Grower
Red Comb Turkey Starter

A. E. Hall, Wallingford, Conn.

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

Harper Feed Mills, Inc., Washington, Pa.

Harco Short Feed Station Fattener Pellets

T. G. Hill Co., C & S National Bank Bldg., Atlanta, Ga.

T. G. Hill's 41% Protein Cottonseed Meal

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

Dried Skimmed Milk
Hood's Calf Starter
Powdered Skim Milk

Hubinger Co., Keokuk, Iowa

Ke-OK-uk Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Dixie Brand 41% Cottonseed Meal

Illinois Cereal Mills, Inc., Paris, Ill.

Hominy Feed

Industrial Molasses Corp., 5009 Excelsior Blvd., Minneapolis 16, Minn.

Dried Molasses Beet Pulp

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

Blackhawk Wheat Bran with Ground Mixed Screenings not Exceeding 8%

Blackhawk Wheat Standard Middlings with Ground Mixed Screenings not Exceeding Mill Run

Middlings (*Mfr'd. by Unity Feed, Inc., Boston, Mass.*)

Target Wheat Red Dog

Herman Isacs, Inc., 555 Wordin Ave., Bridgeport, Conn.

Herman Isacs, Inc.

Meat & Bone Scrap

John Jervis Grain Co., Ltd., Toronto, Ontario, Canada (*See A. S. MacDonald Commission Co.*)**Kasco Mills, Inc., Waverly, N. Y.**

Kasco All Mash Broiler Grower Ration

Kasco All Mash Grower Ration

Kasco All Mash Layer Ration

Kasco Beatsall Milk Grains 20%

Kasco Body Builder

Kasco Chick Starter

Kasco Complete Rabbit Ration

Kasco Complete Turkey Finisher

Kasco 18% Dairy Feed

Kasco Egg Producer

Kasco Fitting Ration

Kasco Gro-Calf

Kasco Growing Mash

Kasco Horse Feed

Kasco Mormilk Dairy Feed

Kasco Poultry Breeder Mash

Kasco Poultry Greens and Grains

Kasco Scratch Grains

Kasco Sweet 16% Dairy Feed

Kasco Turkey Grower

Kasco Turkey Starter Ration

Milk Mizer—Milk Replacer for Calves

Kellogg Sales Co., Battle Creek, Mich.

Kellogg's Hominy Feed

Kellogg's Mink Mix

Kellogg's Mink Ration

Spencer Kellogg & Sons, Inc., 98 Delaware Ave., Buffalo 2, N. Y.

Spencer Kellogg's 32% Protein Old Process (Expeller) Linseed Oil Meal

Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted

Spencer Kellogg's 50% Protein Toasted Soybean Meal—Solvent Extracted

Kentucky By-Products Corp., 2928 Garland Ave., Louisville, Ky.
Brewers' Dried Grain

Keystone Dehydrators, Box 204, Nazareth, Pa.
Keystone Super Green Dehydrated Alfalfa Meal

Chas. A. Krause Milling Co., Milwaukee, Wis.
Badger Yellow Hominy Feed

Kuder Pulp Sales Co., Lake Alfred, Fla.
Kuder Dried Citrus Pulp, High Sugar
Kuder Dried Citrus Pulp, High Sugar, Late Production
Meal from Dried Kuder Citrus Pulp

E. W. Latimer, South Coventry, Conn.
College 18% Dairy Ration
College Fitting Ration
College Laying Mash

Lauhoff Soya Co., P.O. Box 571, Danville, Ill.
44% Solvent Extracted Soybean Oil Meal
Vermilion Hominy Feed

Lederle Laboratories, Div. American Cyanamid Co., Pearl River, N. Y.
Choline Chloride 25%

Libby, McNeill & Libby, 4134 South Packers Avenue, Chicago 9, Ill.
Headliner Dried Citrus Pulp (100#)

Libner Grain Co., 25 Commerce St., Norwalk, Conn.
Libner's Blue Ribbon Conn. Standard Chick Starter Ration
Libner's Blue Ribbon Dairy Ration 16%
Libner's Blue Ribbon Fitting Ration 12%
Libner's Blue Ribbon Growing Mash with Cod Liver Oil
Libner's Blue Ribbon Horse and Calf Ration
Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil
Libner's Blue Ribbon Turkey Starter & Grower
20% Milkflow Dairy Ration

Litchfield County Co-op. Assoc., 132 Railroad Ave., Torrington, Conn.
Common Sense Dairy Ration
Common Sense Laying Mash

Long Hill Feed Store, Long Hill, Conn.
Improved Square Deal Dairy Ration

L. B. Lovitt & Co., 314 Cotton Exchange Bldg., Memphis, Tenn.
"Lovit Brand" 41% Protein Cottonseed Meal Prime Quality

McCabe Grain Co., Ltd., Winnipeg, Manitoba, Canada
Ground Grain Screenings

McMillen Feed Mills, Div. of Central Soya Co., Inc., and Subsidiaries, 300 Fort Wayne Bank Bldg., Fort Wayne 2, Ind.
Master Blend Dairy Concentrate
Master Mix Beef Concentrate
Master Mix Broiler Concentrate with Methio-Vite

McMillen Feed Mills, Div. of Central Soya Co., Inc., and Subsidiaries, 300 Fort Wayne Bank Bldg., Fort Wayne 2, Ind.—Cont.

Master Mix Calf Concentrate with Methio-Vite
 Master Mix Calflac
 Master Mix Chick Concentrate with Methio-Vite
 Master Mix Complete Calf Feed with Methio-Vite
 Master Mix Complete Rabbit Pellets
 Master Mix 16% Dairy Feed
 Master Mix 20% Dairy Feed
 Master Mix Egg Lac Pellets with Methio-Vite
 Master Mix Egg Mash
 Master Mix Fitting Feed
 Master Mix Horse Feed
 Master Mix Layer Concentrate
 Master Mix Pig-ets with Methio-Vite
 Master Mix Poult Starter with Methio-Vite
 Master Mix Pullet Grower with Methio-Vite
 Master Mix Sow Concentrate with Methio-Vite
 Master Mix Station Gain
 Master Mix Turkey Concentrate with Methio-Vite
 Master Mix Turkey Grower with Methio-Vite
 Master Mix Waylac

MHR Alfalfa Co., Inc., Ohio City, Ohio (See *The Yantic Grain & Products Co., Norwich, Conn.*)

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

Jervis Pure Wheat Shorts (*Mfr'd. by John Jervis Grain Co., Ltd., 67 Yonge St., Toronto, Ontario, Canada*)
 Parrheim Pure Wheat Bran (*Mfr'd. by Parrish and Heimbecker, Ltd., 43 Scott St., Toronto, Ontario, Canada*)
 Parrheim Pure Wheat Shorts (*Mfr'd. by Parrish and Heimbecker, Ltd., 43 Scott St., Toronto, Ontario, Canada*)
 Shorts (*Mfr'd. by Great Star Flour Mills, Ltd., St. Marys, Ontario, Canada*)
 Shorts (*Mfr'd. by Dutton Flour Mills, Dutton, Ontario, Canada*)

Maple Leaf Milling Co., Ltd., Toronto, Canada (See *Chas. M. Cox Co., 177 Milk St., Boston, Mass.*)

Maritime Milling Co., Inc., 1009 Chamber of Commerce Bldg., Buffalo 2, N. Y.

BB Bull Brand "16" Dairy Ration
 BB Bull Brand Dry & Fresh Cow Fitting Ration
 BB Bull Brand Fitting Ration
 BB Bull Brand 18% Special Dairy Ration
 BB Calf Grower
 BB Calf Starter and Growing Ration
 BB Complete Growing Ration
 BB Complete Laying Ration
 BB Complete Rabbit Feed
 BB Goat Feed
 BB Horse Feed
 BB Ma-Co Breeder Mash
 BB Ma-Co Broiler Ration
 BB Ma-Co Complete Breeder Ration
 BB Ma-Co Complete Chick Starter Ration
 BB Ma-Co Complete Growing Ration
 BB Ma-Co Complete Laying Ration
 BB Ma-Co Complete Poultry Finishing Pellets
 BB Ma-Co Complete Turkey Breeder Ration
 BB Ma-Co Complete Turkey Finishing Pellets
 BB Ma-Co Complete Turkey Growing Ration
 BB Ma-Co Complete Turkey Starter Ration

Maritime Milling Co., Inc., 1009 Chamber of Commerce Bldg., Buffalo 2, N. Y.—Cont.

BB Ma-Co Conditioning Mash
 BB Ma-Co Egg Mash
 BB Ma-Co Growing Mash
 BB Ma-Co 30% Protein Turkey Pellets
 BB Ma-Co Station Fattening Pellets
 BB Ma-Co Turkey Breeder Mash
 BB Ma-Co Turkey Fitting Ration
 BB Starter & Broiler Ration
 Dollar S Maker Brand Egg Mash
 Marmico 16% Protein Dairy Feed

C. J. Martenis Grain Co., Inc., 2 Broadway, New York 4, N. Y.

Dow's Dried Brewers Grains (*Mfr'd. by Dow Brewing Co., Montreal, Quebec, Canada*)
 Plain Dried Beet Pulp (*Mfr'd. by Co-op Sugar Factory & Refinery, Holland*)

Maurer Manufacturing Co., Blanchard St., Newark 5, N. J.

Kwality Meat & Bone Scrap 50%

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

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

George J. Meyer Malt & Grain Corp., 1314 Niagara St., Buffalo, N. Y.

Malt Sprouts

Midwest Dried Milk Co., 106 W. Main St., Dundee, Ill.

Midwest Sweet Dried Whole Whey

Miller Alfalfa Co., Defiance, Ohio

Miller's Choice Brand 17% Dehydrated Alfalfa Meal

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

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

Minute Maid Corp., Leesburg, Fla.

Golden Isle Citrus Pulp

Molson's Brewery, Ltd., Montreal, Canada

Dried Brewers Grains

Montmorency Distillery, Ltd., Beaupre, Quebec, Canada
Corn Distillers' Dried Grains

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

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

Fred C. Morse & Son., Guilford, Conn.

Old Mill Breeder Mash
Old Mill Complete Laying Mash
Old Mill 16% Dairy Feed
Old Mill Fitting Feed
Old Mill Growing Mash
Old Mill Hog Feed
Old Mill Laying Mash
Old Mill Poult Starter
Old Mill Special Broiler Finisher
Old Mill Starting Mash
Old Mill Super Broiler Mash
Old Mill Turkey Grower

Mowat, Wilson & Co., 18675 James Couzens Highway, Detroit 35, Mich.

Dried Beet Pulp
Dried Molasses-Beet Pulp

Nappanee Milling Co., Inc., Nappanee, Ind.

Hominy Feed

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

Jack Rabbit Dehydrated Alfalfa Leaf Granules
Jack Rabbit 17% Protein Dehydrated Alfalfa Meal

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

Namico ("Reg. U.S. Pat. Office")
Pure Wheat Bran

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

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

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

Pulverized Feed Oats

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis, Minn.

(See Also Vitamin D Carriers)

Calvita (Trade Mark Reg.) Calf Formula
Calvita (Brand) Poultry Banquet

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

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

Newton Concentrates, Ashby, Mass.

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

Ogden Grain Co., Utica, N. Y.

Ogden Aureomycin Mixture
Ogden "Biddy" Mash
Ogden Breeder Mash
Ogden Complete Starter Grower Layer Breeder
Ogden Fitting Ration
Ogden Growing Mash
Ogden Hi-Energy Breeder Mash
Ogden Hi-Energy Laying Mash
Ogden Hi-Energy Starter & Broiler
Ogden Laying Mash
Ogden Poultry & Turkey Fitting Ration
Ogden Rabbit Pellets
Ogden Super Pig Ration

Ogilvie Flour Mills Co., Ltd., Montreal, Canada

Ogilvie Wheat Bran
Ogilvie Wheat Shorts

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

Soy Bean Toasted Meal

Owensboro Grain Co., Inc., 102 Lewis St., Owensboro, Ky.

Ograco 44% Protein Solvent Extracted Soybean Oil Meal

Pabst Brewing Co., Chicago, Ill.

Pabst Hominy Feed

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

Claco Dairy Ration
 Corn & Oats Half & Half
 Hi-Prime Complete Turkey Grower
 Hi-Prime Turkey Breeder
 Hi-Prime Turkey Finisher
 Hi-Prime Turkey Fitting Ration
 Hi-Prime Turkey Grower
 Hi-Prime Turkey Starter
 Lay or Bust All Mash Breeder
 Lay or Bust All Mash Grower
 Lay or Bust All Mash Layer
 Lay or Bust Breeder Mash
 Lay or Bust Broiler Finishing Mash
 Lay or Bust Broiler Mash
 Lay or Bust Chick Scratch
 Lay or Bust Chick Starter
 Lay or Bust Egg Mash
 Lay or Bust Fleshing Pellets
 Lay or Bust Growing Feed
 Lay or Bust Hi-Power Broiler Ration
 Lay or Bust Hi-Power 20% Broiler Ration
 Lay or Bust Hi-Valu Pellets
 Lay or Bust Laying Pellets
 Lay or Bust Poultry Fitting Ration
 Lay or Bust T.N.T. (Temporary Nutritional Treatment)
 Milk-Maid Bulky Sweet Dairy
 Milk-Maid Calf Starter Mix
 Milk-Maid Calf Starter Pellets
 Milk-Maid 32% Dairy Mix
 Milk-Maid 16% Dairy Ration
 Milk-Maid 20% Dairy Ration
 Milk-Maid Dri-Fresh Ration
 Milk-Maid Fitting Ration
 Milk-Maid Goat Feed
 Milk-Maid Test Cow Ration
 Milk-Maid 14% Test Ration
 Park & Pollard Complete Broiler Ration
 Park & Pollard Complete Chick Starter
 Park & Pollard Go-Tu-It Pig Grower
 Park & Pollard Go-Tu-It Pig Starter
 Park & Pollard Complete Grower
 Park & Pollard Complete Layer
 Park & Pollard Laying Mash
 Park & Pollard 16% Dairy
 Park & Pollard Rabbit Pellets
 Park & Pollard Stock Feed
 Red Ribbon 16% Dairy Ration
 Red Ribbon 18% Dairy Ration
 Red Ribbon 20% Dairy Ration
 Yankee Horse Feed

Parrish & Heimbecker, Ltd., Toronto, Ontario, Canada (See *A. S. MacDonald Commission Co., Boston, Mass.*)

Pasco Packing Co., Dade City, Fla.

O-Mi-O Citrus Pulp
 Sugar Sweet Citrus Meal
 Sugar Sweet Citrus Pulp

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

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

Douglas Corn Gluten Meal

Pet Milk Co., Arcade Bldg., St. Louis, Mo.

Pet Brand Dry Skimmed Milk

Phenix Foods Co., 460 E. Illinois St., Chicago, Ill.

KRACO Dried Whole Whey
 Kraylets for Livestock & Poultry
 Kraylets Plus 2

Phenix Milling Co., Ltd., Galt, Ontario, Canada. (See Bosco & Bower, Ltd., Montreal, Canada)**A. D. Pierce, Brooklyn, Conn.**

Pierce Broiler Finisher
 Pierce Hi-Energy Mash
 Pierce Laying Mash
 Pierce Special Broiler
 Pierce Special Layer
 Pierce 20% Starter Mash

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

Pillsbury's Amazon Second Clear
 Pillsbury's XX Daisy
 Pillsbury's Fancy Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill Run
 Pillsbury's Hard Wheat A. Middlings with Ground Wheat Screenings not Exceeding Mill Run
 Pillsbury's Hard Wheat Bran with Ground Wheat Screenings not Exceeding Mill Run
 Pillsbury's Hard Wheat Standard B. Middlings with Ground Wheat Screenings not Exceeding Mill Run
 Pillsbury's Verona Durum Wheat Product
 Pillsbury's Wheat Bran with Ground Wheat Screenings not Exceeding 8%
 Pillsbury's Wheat Germ Meal
 Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run

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

"Ruler" Brand Canadian Pure Wheat Shorts

Publicker Industries, Inc., 1429 Walnut St., Philadelphia 2, Pa.

"PACO" Molasses Distillers Dried Solubles

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

Bell Cow Wheat Bran
 Bell Cow Wheat Shorts
 Feeding Oat Groats
 Feeding Steel Cut Oat Groats
 Ful-O-Pep AA 32% Dairy Concentrate
 Ful-O-Pep Broiler Finisher
 Ful-O-Pep Calf Ration
 Ful-O-Pep Calf Starter
 Ful-O-Pep Chick Starter
 Ful-O-Pep Complete Breeder (For Laying Hens)
 Ful-O-Pep Crate Fattener
 Ful-O-Pep 32% Dairy Concentrate
 Ful-O-Pep Dairy Feed

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

Ful-O-Pep Derwood Horse Crunch
 Ful-O-Pep Egg-Breeder Mash
 Ful-O-Pep Egg-Breeder Ration
 Ful-O-Pep Egg Ration, A Complete Mash Feed
 Ful-O-Pep Fattening Feed Pellets Special
 Ful-O-Pep Fine Chick Grains
 Ful-O-Pep Fitting Feed
 Ful-O-Pep Flock Ration
 Ful-O-Pep Goat Feed
 Ful-O-Pep Growing Mash
 Ful-O-Pep Growing Ration
 Ful-O-Pep High Sweet Blend
 Ful-O-Pep Horse Feed
 Ful-O-Pep Laying Mash
 Ful-O-Pep Milking Feed
 Ful-O-Pep Pork Ration (Complete Hog Feed)
 Ful-O-Pep Poultry Station Feed
 Ful-O-Pep Pro-Sweet Supplement
 Ful-O-Pep Rabbit Ration
 Ful-O-Pep Sow Ration
 Ful-O-Pep Sow Supplement
 Ful-O-Pep Super Greens
 Ful-O-Pep Turkey Breeder
 Ful-O-Pep Turkey Finisher Pellets
 Ful-O-Pep 26% Turkey Grower
 Ful-O-Pep Turkey Starter
 Ful-O-Pep Utility Egg Mash
 Muffets Shredded Wheat Feed
 Peterborough Oat Huller Feed
 Quaker Oat Mill Feed with 25% Molasses
 Quaker 16% Protein Dairy Feed
 Quaker 20% Protein Dairy Feed
 Quaker Sugared Schumacher Feed
 Sugared Vim Feed
 Victor Feeding Rolled Oats
 Vim Oat Huller Feed
 Yellow Hominy Feed

Quality Alfalfa Products, Inc., 666 Otter Creek Rd., Toledo, Ohio
Green Gold Brand Alfalfa Meal**Ralston Purina Co., Checkerboard Sq., St. Louis, Mo.**

Corn & Oat Provender
 Dairy Premix
 Hominy Feed
 Mixed Screenings
 Northeastern 16% Dairy Feed
 Northeastern Scratch Feed
 Northeastern Special Dairy 20%
 41% Protein Cottonseed Meal
 Purina B & M Cow Chow
 Purina Beef Chow
 Purina Breeder Lay Chow E
 Purina Breeder Layena (Complete Ration E)
 Purina Broiler Chow E
 Purina Broiler Chow Finisher E
 Purina Bulky Las
 Purina Calf Startena E
 Purina Chick Chow (Coarse)
 Purina Chick Chow (Fine)
 Purina Chick Growena E

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

Purina Chick Growing Chow E
 Purina Complete Sow & Pig Chow E
 Purina Cow Chow 14%
 Purina Cow Chow 16%
 Purina Cow Chow 18%
 Purina Cow Chow Concentrate
 Purina Cow Chow Supplement
 Purina D & F Chow
 Purina D & F Chow E
 Purina 14% Dairy Chow
 Purina 16% Dairy Chow
 Purina 18% Dairy Chow
 Purina Duck Breeder Layena E
 Purina Duck Growena E
 Purina Duck Startena E
 Purina Flock Chow E
 Purina Fox Chow
 Purina Fox Chow (Without Meat Meal)
 Purina Game Bird Breeder Layena (Complete Ration) E
 Purina Game Bird Growena E
 Purina Game Bird Startena E
 Purina Goat Chow E
 Purina Hen Chow D
 Purina Hog Chow Supplement
 Purina Hog Fatena E
 Purina Lay Chow E
 Purina Layena (Complete Ration) E
 Purina Milk Chow 18%
 Purina Milk Chow E 16%
 Purina Mink Chow
 Purina Nursing Chow
 Purina Omolene
 Purina Pig-Plus
 Purina Pig Startena E
 Purina Poultry Booster Chow E
 Purina Rabbit Chow Checkers (20%)
 Purina Rabbit Chow Checkers (Complete Ration) E
 Purina Range Checkers E
 Purina Roaster Chow
 Purina Steer Fatena G (E)
 Purina Turkey Breeder Layena E
 Purina Turkey Fatena E
 Purina Turkey Growena E
 Purina Turkey Startena E
 Screened Cracked Yellow Corn
 Wheat Standard Middlings

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

Reliable Growing Feed with Cod Liver Oil
 Reliable Laying Mash with Cod Liver Oil
 Reliable 16% Protein Dairy Feed

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

Corn Distillers' Dried Grains (*Mfr'd. by Gooderham & Worts, Ltd., Canada*)
 Corn Distillers' Dried Grains (*Mfr'd. by Hiram Walker & Sons, Ltd., Canada*)
 Walker's Stimulav (Corn Distillers' Dried Solubles) (*Mfr'd. by Hiram Walker & Sons, Ltd., Canada*)

Rohloff Bros., Inc., RFD Graytown, Ohio

Dehydrated Alfalfa Meal with Animal Fat

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

Rubco Meat Bone Scrap 50%
 Rubco Meat Bone Scrap 55%
 Rubco Meat Bone Scrap 60%
 Rubco Steamed Bone Meal 5%

Russell-Miller Milling Co., 900 Midland Bank Bldg., Minneapolis 1, Minn.

Hard Wheat Occident Bran
 Hard Wheat Occident Flour Middlings
 Hard Wheat Occident Mixed Feed Containing Ground Wheat Screenings not Exceeding Mill Run
 Hard Wheat Occident Standard Middlings Containing Ground Wheat Screenings not Exceeding Mill Run

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

Wolf's Broiler Finisher
 Wolf's Calf Ration
 Wolf's Complete "Hi-Eff" Egg Breeder Mash
 Wolf's Complete "Hi-Eff" Growing Mash
 Wolf's Egg Mash
 Wolf's Growing Mash
 Wolf's Hi-Speed Starter and Broiler Ration
 Wolf's Horse Feed
 Wolf's Performo-Las
 Wolf's Pig & Hog Feed
 Wolf's Stock Feed
 Wolf's Super Hi-Eff Starter & Broiler Ration
 Wolf's Sweetened 14% Dairy Ration
 Wolf's Sweetened 16% Dairy Ration
 Wolf's Sweetened 18% Dairy Ration
 Wolf's Sweetened 20% Dairy Ration

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

Schoeneck's Super-Green Dehydrated Alfalfa Meal

Sea Board Supply Co., 35th & Grays Ferry Ave., Philadelphia 46, Pa.

Crab Meal
 Dried Tomato Pomace

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

Seagram's Corn Distillers Dried Grains 25%
 Seagram's Corn Distillers Dried Grains 26%
 Seagram's Corn Distillers Dried Solubles 30%

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

Miracle All Mash Layer
 Miracle Chick Starter
 Miracle 16% Dairy Feed
 Miracle Fitting Feed
 Miracle Grower
 Miracle Hi-Energy Starter & Broiler Ration
 Miracle Hog Ration
 Miracle Mash
 Miracle Scratch Feed
 New England Mash
 See-More Milk Dairy Ration 18%
 See-More Milk Dairy Ration 20%

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

Shedd's Dairy Ration
Shedd's Fitting Ration

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

Sherwin-Williams 34% Linseed Oil Meal (Blend of Expeller & Solvent Extracted Meals)

Sherwood Feed Mills, Inc., 500 President St., Baltimore, Md.

Brewer's Dried Grains

Silmo Chemical Corp., Vineland, N.J.

(See also *Vitamin D Carriers*)

Vit-AV 3000
Vit-D-150 M
Vit-D-1500
Vit-ad 1500

W. J. Small Co., Div. Archer-Daniels-Midland Co., Kansas City, Mo.

Small's 17% Dehydrated Alfalfa Meal

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

Smith's Barley Feed (Red Tag Brand)

J. Howard Smith, Inc., Port Monmouth, N.J.

Smith's Lifeline Fish Meal

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

Smith's Life Line Fish Meal

South Windsor Grain Co., South Windsor, Conn.

Valley Laying Mash

Southern Fruit Distributors, Inc., Orlando, Fla.

Bluebird Dried Citrus Pulp
Bluebird Sugarsweet Dried Citrus Pulp

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

Sperti Type #1 Dried Brewers Yeast

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

Staley's Corn Gluten Feed
Staley's Corn Gluten Meal
Staley's 21% Corn Gluten Feed
Staley's Hi-Pro-Con 50% Protein Dehulled Solvent Extracted Soybean Oil Meal
Staley's 44% Protein Solvent Extracted Soybean Oil Meal

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

Stickell's Intermediate Chick Feed
Su-Per Horse & Calf Feed
Su-Per Rabbit Pellets
Victor Chick Feed
Zip Egg Mash

Stock-Gro, Inc., 30 N. Michigan Ave., Chicago 2, Ill.

Simmons Condensed Whey 55% Solids
Simmons Stock-Gro
Simmons Stock-Mix

Suni-Citrus Products Co., Haines City, Fla. (See Ashcraft-Wilkinson, Atlanta, Ga.)**Sunny Slope Farms, Inc., Nazareth, Pa.**

Sunny Slope Farms Brand Dehydrated Alfalfa Meal

Sunshine Biscuits, Inc., Milling Div., Kansas City, Kan.

U. M. C. Wheat Bran-Pure Wheat Bran

Sweetall Manufacturing Co., Williamstown, N. Y.

Sweet Colass

Swift & Co., Soy Bean Mill, Fostoria, Ohio

Swift's 36% Protein Cottonseed Meal or Pellets
Swift's 41% Protein Cottonseed Meal or Pellets
Swift's 44% Protein Solvent Extracted Soybean Oil Meal

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

Thomaston Dairy Ration
Thomaston 16% Dairy Ration
Thomaston Dry Stock Feed
Thomaston Egg Mash
Thomaston Growing Mash
Thomaston Starter & Broiler Mash

Tri Associates, Inc., Minneapolis, Minn.

Tri's Grade A Calf Milk-Replacer

Trico Feed Mills, Minden, Neb.

Dehydrated Alfalfa Meal 17%

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

Union Corn Gluten Feed

United Co-Operative Farmers, Inc., Fitchburg, Mass.

UCF All Mash Breeder
UCF All Mash Grower & Layer
UCF Breeder
UCF Broiler Mash
UCF Calf Meal
UCF Calf Starter
UCF Calving Ration
UCF 16% Dairy
UCF Egg Mash
UCF Fitting Ration
UCF Grower
UCF Horse Feed
UCF Layer
UCF Milkmaker
UCF Mix Feed
UCF Pig & Hog Feed

United Co-operative Farmers, Inc., Fitchburg, Mass.--Cont.

UCF Poultry Fattening Ration
UCF Poultry Fitting Ration
UCF Stock Feed
UCF 16% Super Dairy
UCF Super Starter
UCF Turkey Grower & Fattener
UCF Turkey Starter

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

Paycheck 18% Dairy Ration
Poultry Fitting Ration
Unity Boosterettes
Unity Breeder Mash
Unity Bulky-Mix Ration
Unity Calving Ration
Unity Complete Growing Mash
Unity Complete Market Egg Mash
Unity Complete Rabbit Pellets
Unity Dairy & Fitting Ration
Unity 16% Dairy Ration
Unity 18% Dairy Ration
Unity 20% Dairy Ration
Unity Growing Mash
Unity High Energy Breeder Mash
Unity High Energy Growing Mash
Unity High Energy Laying Mash
Unity Horse Feed
Unity Improved Calf Ration
Unity Laying Mash
Unity Milk Replacer
Unity Pig & Hog Ration
Unity Scratch Feed
Unity Stock Feed
Unity Super-Gro Ration
Unity Super Ration
Unity Tri-Way Mash
Unity Turkey & Game Bird Breeder Mash
Unity Turkey & Game Bird Growing Mash
Unity Turkey & Game Bird Super Ration
Unity Turkey Finishing Pellets

Valier & Spies Milling Co., St. Louis, Mo.

Big Flake Pure Wheat Bran
Valier's Wheat Bran

Victory Mills, Ltd., Toronto, Ontario, Canada

Veeline Soybean Oil Meal

Virginia Carolina Chemical Corp., Taftville, Conn.

Protein Feed

Vitality Mills, Inc., 141 W. Jackson Blvd., Chicago, Ill.

Vitality Brand All-In-One Rabbit Pellets

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

Corn Distillers' Dried Grains with Solubles

Hiram Walker & Sons, Inc., Walkerville, Ontario, Canada (See Riverside Elevator Co., Detroit, Mich.)

William S. Warren & Son, Eastford, Conn. (See Clyde Milling Corp., Clyde, N.Y.)

Watertown Cooperative Assoc., Inc., 27 Depot St., Watertown, Conn.

Storr's Calf Ration
 Storr's 16% Pasture Ration
 Watertown Co-Op Broiler Mash
 Watertown Co-Op Growing Mash
 Watertown Co-Op Laying Mash
 Watertown Co-Op Starter Mash
 Watertown Co-Op Turkey Growing Mash

H. K. Webster Co., Lawrence, Mass.

Blue Seal Breeder's Mash
 Blue Seal Calf Starter
 Blue Seal Chick Feed
 Blue Seal Coarse "16" Dairy Ration
 Blue Seal Coarse "20" Dairy Ration
 Blue Seal "32" Dairy Concentrate
 Blue Seal Economizer "16" Dairy Ration
 Blue Seal Egg Mash
 Blue Seal Fattening Pellets
 Blue Seal Fine "16" Dairy Ration
 Blue Seal Fine "20" Dairy Ration
 Blue Seal Fitting Ration with Vitamin D Yeast
 Blue Seal Goat Feed
 Blue Seal Growing Mash
 Blue Seal Horse Feed
 Blue Seal Pig Feed
 Blue Seal Poultry & Turkey Fitting
 Blue Seal Rabbit Pellets
 Blue Seal Standard "16" Dairy Ration
 Blue Seal Succulent and Calving Ration
 Blue Seal Super All-Mash Breeder's Ration
 Blue Seal Super All-Mash Egg Ration
 Blue Seal Super All-Mash Growing Ration
 Blue Seal Super Mash
 Blue Seal Super Starter & Broiler
 Blue Seal Test Ration
 Blue Seal Turkey Growing

West-Nesbitt, Inc., 26-34 Market St., Oneonta, N. Y.

All Pure Milk Ration
 Pure Feed Calf Grower
 Pure Feed Calf Meal
 Pure Feed Chick Grains
 Pure Feed Complete Rabbit Pellets
 Pure Feed Dairy Ration
 Pure Feed 16% Dairy Ration
 Pure Feed Dairy-Test Ration
 Pure Feed Egg & Breeder Mash
 Pure Feed Egg Maker
 Pure Feed 14% Fitting Ration
 Pure Feed Growing Mash
 Pure Feed High Energy Layer
 Pure Feed Horse Ration
 Pure Feed Starting Mash
 Pure Feed Sweet "20"
 Pure Feed Swine Ration
 Pure Feed Turkey Finisher (Pellets)
 Pure Feed Turkey Grower (Pellets)
 Pure Feed Turkey Starter

Western Condensing Co., Appleton, Wis.*(See also Vitamin D Carriers)*

Peebles' Calf-Kit
 Peebles' Dried Whey-Product 58% Lactose with Whey Fermentation Solubles
 Peebles' Dried Whole Whey with Dried Whey Fermentation Solubles
 Peebles' Free Choice Feed
 Peebles' M-N-C

A. C. Wetherell, Suffield, Conn.

Special Dairy Mixture No. 3

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

Clo-Meal
 Flav-A-Dee
 Whitmoyer Quality Fish Meal 60%
 Whitmoyer Quality 57% Fish Meal

Wilkins-Rogers Milling Co., Inc., Washington, D. C.

Big Five Dairy Feed
 Washington Horse Feed
 Washington Laying Mash
 Washington Scratch Feed

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

Big Y All in All Egg Ration
 Big Y All in All Growing Ration
 Big Y Breeder Mash
 Big Y Calf Starter & Builder
 Big Y Calving Ration
 Big Y Chick Scratch Grain
 Big Y Chlortetracycline (Aureomycine Mixture)
 Big Y Coccidiosis Control Mixture
 Big Y Confinement Growing Mash
 Big Y Dairy & Fitting Ration
 Big Y 16% Dairy Ration
 Big Y 18% Dairy Ration
 Big Y 20% Dairy Ration
 Big Y Egg Maker
 Big Y Fattening Pellets
 Big Y Fitting Ration 12%
 Big Y Hi-Efficiency Breeder Ration
 Big Y Hi-Efficiency Laying Mash
 Big Y Hi-Efficiency Range Grower
 Big Y Hi-G Dairy
 Big Y Hi-G Scratch Feed
 Big Y Hog & Pig Ration
 Big Y Horse Feed
 Big Y Improved Al-Mo
 Big Y Improved Broiler Finisher
 Big Y Improved Broiler & Starter Ration
 Big Y Improved Turkey Starter & Game Bird Feed
 Big Y Intermediate Chick Grain
 Big Y 20% Laying Mash
 Big Y M & O Growing Feed
 Big Y M & O Laying Mash
 Big Y Meat Pullet & Capon Ration
 Big Y Poultry Fitting Ration
 Big Y Progressive Growing Feed
 Big Y Purity Dairy Ration
 Big Y Rabbit Pellets

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

Big Y Scratch Feed
 Big Y Sheep & Goat Feed
 Big Y Station Fattener Pellets
 Big Y Stock Feed
 Big Y Super Starter & Broiler Ration
 Big Y Test Cow Ration
 Big Y Turkey Breeder Mash
 Big Y Turkey Fattener
 Big Y Turkey Growing Feed

Yieldmor Feeds, Inc., P.O. Box 807, Piqua, Ohio

David Small's Fleshing Pellets
 David Small's Growing Mash
 David Small's High Efficiency All Mash Breeder
 Yieldmor 22% Breeder Ration
 Yieldmor Hi Efficiency All Mash Breeder
 Yieldmor Station Fattener Pellets

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

Zausner Condensed Whole Whey

VITAMIN D CARRIERS**Astrol Products, Inc., 57-59 Commerce St., Brooklyn 31, N. Y. .**

Dry D

The Borden Co., Special Products Div., 350 Madison Ave., New York 17, N. Y.

(See also Feeds)

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

Consolidated Products Co., Danville, Ill. (See also Feeds)

New "E" Emulsion - Self Feeding
 New Kaff-A
 New Semi Solid "E" Emulsion

Dawes Laboratories, Inc., 4800 South Richmond St., Chicago 32, Ill.

Dawes Sterol D₃

E. I. du Pont de Nemours, Wilmington, Del.

Du Pont Delsterol 1500-D, "D"-Activated Animal Sterol (Vitamin D₃) in Corn Meal
 Du Pont Delsterol 3000-D, "D"-Activated Animal Sterol (Vitamin D₃) in Corn Meal

Eastern States Farmers' Exchange, Inc., W. Springfield, Mass.

Calf Tablets
 Vitamin A & D Feeding Oil

The Fox Co., Newfield, N. J. (See also Feeds)

Foxco Dependable Dry 1500-D
 Foxco Qualadee A & D Feeding Oil
 Foxco Vitamin D Feeding Oil

Gorton-Pew Fisheries Co., Ltd., 327 Main St., Gloucester, Mass. (See also Feeds)

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

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

Marden-Wild Corp., 500 Columbia St., Somerville, Boston 43, Mass.
Marden's Vitamin A & D Feeding Oil - 300D/1500A per gram
Marden's Vitamin A & D Feeding Oil - 300D/750A per gram
Marden's Poultry Feeding Cod Liver Oil - 300D 1500A per gram

Marine Products Co., 345 W. First St., So. Boston 27, Mass.
Cod Liver Oil

Myzon, Inc., 1142 W. Roscoe St., Chicago, Ill.
Myzon Poultry Bracer
Myzon Poultry Builder

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis, Minn.
(See also Feeds)
Calvita (Brand) Poultry Banquet

Nopco Chemical Co., Harrison, N. J. (See also Feeds)
Nopcay "10"
Nopdex "300"

Silmo Chemical Corp., Vineland, N. J. (See also Feeds)
Silmo 300
Silmo A & D Feeding Oil 1000/600A
Silmo X
Silmo XX Vitamin Oil
Vit-ad 1500
Vit-Ay 3000
Vit-D-150 M
Vit-D-1500

Unity Feeds, Inc., 177 Milk St., Boston, Mass. (See also Feeds)
Unity Milk Replacer

Western Condensing Co., Appleton, Wis. (See also Feeds)
Pebbles' Free Choice Feed

Whitmoyer Laboratories, Inc., Myerstown, Pa. (See also Feeds)
DRI-COL
Flav-A-Dee
Whitcod 300D-1500A
Whitcod Pure Cod Liver Oil USP Non Destearinated
Whitmoyer 85D Feeding Oil
Whitmoyer Quality Vitamin A & D Feeding Oil 300-D-1500A

Yantic Grain & Products Co., Norwich, Conn. (See also Feeds)
Big Y Vitamin A & D Feeding Oil

SUMMARY OF INSPECTION

In the calendar year 1954, a total of 1,826 samples was examined. This total included official samples of commercial feeds and vitamin D carriers, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	201
Check Feeds, A.A.F.C.O., etc.	17
Commercial feeding stuffs, official samples	937
Medicated feeds	94
Miscellaneous feeds, etc., analyzed for purchasers	90
Pasture grass, etc., samples for Storrs Station	451
Vitamin D carriers, official samples	36
	1,826

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

COMMERCIAL FEEDING STUFFS

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

Total number of samples	937
Samples deficient in:	
one item	74
two items	7
Percentage of samples meeting guaranties	91
Total guaranties made	2,797 ¹
Guaranties not met:	
protein	20
fat	64
fiber	4
Percentage of guaranties met	97

Three less samples were found deficient in 1954 than in 1953, and 26 less than in 1952. The number of samples with low fat guaranties showed an actual increase of 15, however; this is the sixth successive year that deficiencies in fat have considerably exceeded those for protein and fiber combined.

The percentages of samples meeting all guaranties, and of guaranties met, were identical in 1953 and 1954.

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

VITAMIN D CARRIERS

Thirty-six samples of vitamin D carriers were examined during the year. Results of biological tests are summarized in Table 2; assays of poultry feed supplements were made by the first action A.O.A.C. method using day-old chicks, while the U.S.P. method using rats was employed for feed supplements for four-footed animals. Thirty-two samples, or 89 per cent, met their guaranteed potencies or were sufficiently close

¹Six samples with two guaranties, one with only one guaranty and two with no guaranty.

thereto to be passed. During the entire 18-year period from 1937 to 1954 inclusive, 927 samples have been examined, of which 833, or 90 per cent, have been passed.

MEDICATED FEEDS

Medicated feeds are still not required to be registered under the feeding stuffs law, but they are analyzed every year for their drug contents. Fifty-eight samples of sulfaquinoxaline feeds, 13 samples containing both sulfaquinoxaline and arsanilic acid, seven nitrophenide feeds, seven nitrophenide-plus-arsanilic acid feeds, four samples containing only arsanilic acid, two samples medicated with phenothiazine and nicotine, and one sample each containing enheptin, 4-nitrophenylarsonic acid, and sulfaquinoxaline-plus-3-nitro-4-hydroxyphenylarsonic acid, or a total of 94 medicated feed samples, were analyzed during 1954. Most of these samples were taken by Inspector William Stroffolino of the Food and Drug Commission. Sixty-nine of the 94 samples, or 73 per cent, came within the permitted ± 20 per cent tolerance of the guaranteed percentages of the respective drugs. Analyses are given in Tables 3, 4 and 5; deficiencies are in bold face type.

The sale of medicated feeds has expanded considerably since the first sulfaquinoxaline feeds appeared on the market in 1949. As explained in the report for that year,¹ feeds to which 0.0125 per cent of the sulfaquinoxaline had been added were introduced as a convenient means of mass administration of the drug to chickens as a prophylactic against coccidiosis. The following year nitrophenide (m,m'-dinitrodiphenyldisulfide) came on the market as a competing, somewhat cheaper, drug intended to accomplish the same purpose, and thereafter the number of different drugs added to feeds increased rapidly. (A review of this subject is given in our 1951 report.²) The purposes for which the drugs present in the 1954 inspection samples (other than sulfaquinoxaline and nitrophenide) are used are as follows:

(1.) Arsanilic acid and 3-nitro-4-hydroxyphenylarsonic acid are employed "mainly for improvement of feathering and increase of pigmentation of shanks, skin, comb, and wattles."³

(2.) Enheptin (2-amino-5-nitrothiazole) is used as a remedy for "blackhead" (histomoniasis) in turkeys.

(3.) 4-Nitrophenylarsonic acid was introduced by McGuire and Morehouse in 1952⁴ as another blackhead remedy claimed to have certain advantages over enheptin. "Histostat" is the trade name of Dr. Salsbury's Laboratories, Charles City, Iowa, for a 1 to 3 mixture of the drug with an inert filler.

(4.) A mixture of phenothiazine and nicotine is administered to poultry as a vermifuge.

¹Conn. Agr. Expt. Sta., Bul. 539, 40 (1950).

²Conn. Agr. Expt. Sta., Bul. 555, 44 (1952).

³J. Agr. Food Chem., 3, 236 (1955).

⁴Poultry Sci., 31, 603 (1952).

MISCELLANEOUS FEEDS

Ninety unofficial samples of feed and fodder materials were examined. This total included commercial feeding stuffs analyzed at the request of purchasers and dealers, as well as a number of samples of hay and silage submitted by farmers. Three feeds were examined for the Federal Correctional Institution at Danbury (one of which contained sulfaquinoxaline), and check analyses were run on two medicated feed samples for the Regulatory Service of the Massachusetts Agricultural Experiment Station. Five fish foods submitted by a local veterinarian were analyzed for moisture.

As usual, a number of materials were submitted because they were suspected of having caused the illness or death of poultry or other animals. Only one reasonably clear-cut case of poisoning was found, and this involved not a feed but a pan from which a cow had been drinking (404) that had a deposit of lead-zinc paint on it. Analyses of three other samples were more or less abnormal, however: (1), a sample of Grandin's Complete Egg Mash, made by D. H. Grandin Milling Co., Jamestown, N. Y. (9743), contained 1.87 per cent of salt, an excessive quantity for a poultry feed; (2), an unidentified "Terramycin Vitamin B₁₂" concentrate (1432) contained 10 parts per million of lead, which is a rather high value for a feed product; and (3), a dog food (1545) was moldy. In addition, a poultryman submitted two samples of a sulfaquinoxaline mixture, which he had been feeding continuously to his flocks (9258 and 9282), that contained 0.1 per cent of sulfaquinoxaline; such a percentage is too high for continuous feeding and could have been toxic to the birds, but since the correct percentage was plainly declared on the tags, the fault did not lie with the manufacturer.

BIOLOGICAL SPECIMENS EXAMINED FOR POISONS

Two hundred and one biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 73 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Antimony with barium (1), antimony with lead (1), arsenic (1), beryllium (3), cyanide (1), DDT (1), hydrochloric acid (1), lead (32), lead with zinc (5), mercury (12), a puncture wound (1), strychnine (2), thallium (3), zinc (8) and wild cherry (1).

The three beryllium cases were filters submitted by the Bureau of Industrial Hygiene of the State Department of Health, and represented factory surveys to determine potential hazards to workers rather than actual cases of poisoning. The twelve mercury poisoning cases almost all involved chinchillas or minks; mercury was unquestionably present in the livers of these animals, but the source of the mercury was never established. The "puncture wound" was in the back of a pigeon that its owner suspected had been shot; examination by the Department of Animal Diseases of the University of Connecticut proved, however, that the wound was caused not by a bullet but by some sharp object. The

wild cherry case is listed separately from that of cyanide poisoning because, while wild cherry leaves were identified microscopically in the cow's rumen, the specimen did not give a positive test for cyanide — presumably because the cyanide originally present had become decomposed. The only arsenic poisoning case was that of some bees; the quantity of arsenic found was very small (0.08 part per million of As_2O_3). The case of hydrochloric acid poisoning involved three fish (one brown trout and two suckers) taken from a brook that had become contaminated with the overflow from the sewage disposal system of the laundry of one of the State hospitals. All three thallium and both strychnine cases were dogs; the quantities of strychnine found in the stomach contents were respectively 0.16 and 0.03 per cent. The one case of DDT poisoning was that of four pheasants who died shortly after a 25 per cent solution of DDT in fuel oil was sprayed in the immediate vicinity; analysis of the combined livers showed 22 parts per million of DDT and 59 p.p.m. of DDE (a metabolism product of DDT).

CHECK FEEDS

Six feed samples were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and 10 samples of alfalfa were analyzed for carotene in a program also sponsored by that association. One mineral feed was analyzed in a collaborative study of methods for the determination of copper which was conducted by the Association of Official Agricultural Chemists.

DETERMINING GUARANTIES

The most reliable way to determine safe guaranties for feed mixtures is by analysis. Larger manufacturers with laboratory facilities follow this method. Small manufacturers and home mixers are without such facilities and they must resort to other means. A close estimate can be made by a simple calculation using as a guide the analysis tags on the ingredients to be mixed.

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

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

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

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

Example

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

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

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Ackerman-Beardsley-Bennett, Inc. Albany, N. Y.									
533	Corn Distillers Dried Grains	Seymour: Seymour Grain & Coal Co.	8.90	30.63	25.00	5.62	5.00	11.51	15.00
Acme-Evans Company, Inc. Indianapolis, Ind.									
8890	Acme Hominy	Mystic: C. W. Campbell Co.	10.51	11.19	9.00	7.56	7.00	3.76	6.00
8868	Acme Wheat Bran	Groton: C. W. Campbell Co.	9.50	15.06	14.00	4.57	3.00	7.61	9.50
Adams Packing Association, Inc. Auburndale, Fla.									
1116	Adams Dried Citrus Pulp	Oneco: L. B. Whitford	10.79	7.38	6.00	4.31	3.00	12.30	20.00
Albers Milling Company Los Angeles, Calif.									
1057	Calf Manna	Lakeville: Community Service, Inc.	9.37	27.31	25.00	4.56	3.50	4.36	5.50
Allied Mills, Inc. Chicago, Ill.									
589	June Pasture (Alfalfa Meal and Beet Molasses)	Plainville: Sunshine Feed Store	13.59	13.50	10.00	2.58	0.50	15.41	26.00
984	Wayne Breeder Mash	Winsted: C. S. Roberts & Sons	9.44	23.56	20.00	3.33	3.00	4.96	5.50
949	Wayne Calfnip	Suffield: A. C. Wetherell	7.86	23.50	23.00	0.83	0.50	0.06	0.25
948	Wayne Calf Starter	Suffield: A. C. Wetherell	11.31	17.75	16.00	4.11	3.00	5.02	9.00
945	Wayne Calf Supplement	Suffield: A. C. Wetherell	10.16	25.38	24.00	3.06	3.00	5.62	8.00
8518	Wayne Chick Feed	Plainville: Sunshine Feed Store	9.60	11.13	9.00	4.83	2.00	1.59	4.00

1079	Wayne 16% Dairy	Cornwall Bridge: R. W. Sandmeyer	9.39	18.75	16.00	3.68	3.00	6.89	9.00
1080	Wayne 20% Dairy	Cornwall Bridge: R. W. Sandmeyer	10.64	23.13	20.00	4.44	3.00	6.69	9.00
578	Wayne Egg Mash	Plainville: Sunshine Feed Store	10.57	20.31	20.00	3.68	3.00	5.33	5.50
1081	Wayne Fitting Ration	Cornwall Bridge: R. W. Sandmeyer	9.36	17.63	13.00	5.17	3.00	7.25	8.50
982	Wayne Growing Mash	Winsted: C. S. Roberts & Sons	5.76	22.38	20.00	2.54	2.50	3.61	5.50
587	Wayne Horse Feed	Plainville: Sunshine Feed Store	13.42	12.69	9.00	3.43	2.50	5.76	12.00
585	Wayne Mash Layer	Plainville: Sunshine Feed Store	11.86	23.06	20.00	2.59	3.00	5.50	7.00
8519	Wayne Mink Meal	Plainville: Sunshine Feed Store	6.85	27.19	25.00	2.53	2.00	3.88	5.00
8517	Wayne Pork Maker	Plainville: Sunshine Feed Store	7.42	17.81	14.00	5.33	3.00	5.00	8.00
590	Wayne Rabbit Ration	Plainville: Sunshine Feed Store	10.28	18.94	17.00	3.64	2.00	11.89	15.00
8504	Wayne Ranch Meal	Plainville: Sunshine Feed Store	7.16	18.75	14.00	3.35	1.50	3.42	5.50
588	Wayne Test Cow Ration	Plainville: Sunshine Feed Store	11.94	18.88	16.00	4.41	4.00	6.10	9.00
1450	Wayne Turkey Growing Mash	Plainville: Sunshine Feed Store	10.91	20.81	20.00	3.69	2.50	5.09	6.00
1451	Wayne Universal Breeder	Plainville: Sunshine Feed Store	12.07	18.50	16.00	4.82	2.50	4.86	4.50
1449	Wayne Universal Dairy Feed	Plainville: Sunshine Feed Store	12.06	17.50	14.00	3.58	3.00	8.10	9.00
8505	Wayne Universal Egg (An All Mash Feed)	Plainville: Sunshine Feed Store	8.02	17.56	16.00	3.08	2.50	4.40	4.50
8516	Wayne Universal Grower (An All Mash Feed)	Plainville: Sunshine Feed Store	7.70	19.81	16.00	3.85	2.50	4.60	4.50
586	Wayne Universal Turkey Grower	Plainville: Sunshine Feed Store	11.56	20.00	18.00	3.34	2.50	4.82	5.00
Almonte Flour Mills, Ltd. Almonte, Ontario, Canada									
865	"Shorts"	Manchester: Central Conn. Co-Op Farmers Assn., Inc.	12.97	16.19	16.00	5.09	5.00	7.07	8.00
Amaren Trading Corp. New York, N. Y.									
1621	Plain Dried Beet Pulp	Norwich: A. E. Shedd Co.	10.36	10.31	8.00	0.36	0.30	18.59	22.50
American Crystal Sugar Company Denver, Colo.									
1063	Plain Dried Beet Pulp	Willimantic: Checkerboard Feed Store	10.43	9.05	7.50	0.53	0.30	19.02	22.50

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
American Maize-Products Company New York, N. Y.									
890	Amaizo Gluten Meal	Jewett City: Machnicki's Grain Store	9.96	43.69	41.00	2.59	1.00	1.98	6.00
866	Amaizo Gluten Meal	Manchester: Central Conn. Co-Op Farmers Assn., Inc.	10.09	45.50	41.00	2.08	1.00	2.41	6.00
692	Cream of Corn Gluten Feed	Colchester: P. Cutler, Inc.	10.15	22.31	21.00	3.51	2.00	7.12	9.50
1452	Cream of Corn Gluten Feed	Bloomfield: Bloomfield Farmers Exchange, Inc.	9.42	21.44	21.00	3.56	2.00	7.14	9.50
Archer-Daniels-Midland Company Minneapolis, Minn.									
1209	Archer Quality 34% Protein Solvent Extracted Linseed Oil Meal	Norwalk: The Libner Grain Co., Inc.	11.21	36.38	34.00	1.29	0.50	7.76	10.00
9294	Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal	Shelton: Wolf Savitsky & Sons, Inc.	11.26	37.69	36.00	0.52	0.50	8.56	10.00
8443	Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal	Wallingford: A. E. Hall	9.67	45.25	44.00	0.88	0.50	6.94	7.00
Arlington Dehydrator Co. Arlington, Neb.									
575	Elkhorn Valley Alfalfa Meal 17%	Plantsville: C. A. Cowles, Inc. ...	6.86	19.63	17.00	3.69	1.75	21.86	27.00
The Beacon Milling Company, Inc. Cayuga, N. Y.									
933	Auburn "16"	Portland: Anderson Farm Supply, Inc.	12.94	20.31	16.00	2.83	3.00	6.47	10.00
800	Auburn "20"	Southbury: H. H. Stone & Sons	11.42	22.06	20.00	4.19	3.00	6.53	10.00

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883	Beacon "16"	Jewett City: Machnicki's Grain Store	11.31	17.38	16.00	3.59	3.50	8.47	9.00
8867	Beacon "20"	New London: New London Grain Co.	9.14	20.81	20.00	3.48	3.25	7.67	9.00
811	Beacon Balancer Pellets	Glenbrook: Frank Policastro & Sons	11.31	21.06	20.00	3.32	3.00	4.22	6.00
798	Beacon Broiler Finisher	Southbury: H. H. Stone & Sons	11.01	19.88	18.00	4.17	3.00	4.15	4.75
932	Beacon Calf Grain	Portland: Anderson Farm Supply, Inc.	12.26	15.31	14.00	4.66	3.25	8.56	9.00
1105	Beacon Chick Grains	Willimantic: Beacon Grain Store	11.15	13.44	10.00	5.37	3.00	1.46	2.50
1186	Beacon Complete Rabbit Pellets	New London: New London Grain Co.	9.97	18.75	17.00	5.19	3.50	10.21	13.00
8862	Beacon Dairy Fitting	New London: New London Grain Co.	9.16	15.38	14.00	3.78	3.25	7.94	9.00
812	Beacon Duck Finisher	Glenbrook: Frank Policastro & Sons	11.54	17.13	15.00	3.24	3.50	4.36	7.00
801	Beacon Duck Grower	Southbury: H. H. Stone & Sons	10.68	18.63	17.50	4.36	3.00	4.61	7.00
701	Beacon "22" Egg Mash	Danbury: Barnum Feed Store	9.96	22.25	22.00	4.19	3.00	4.46	5.75
722	Beacon Goat Ration	Bantam: Washington Supply Co., Inc.	11.32	19.38	16.00	3.33	3.00	5.67	10.00
799	Beacon Grower All-Mash	Southbury: H. H. Stone & Sons	9.86	17.06	16.00	5.56	3.50	5.28	6.00
705	Beacon "18" Growing Mash	Danbury: Barnum's Feed Store	9.55	19.31	18.00	3.58	3.50	5.60	6.25
721	Beacon Horse Feed	Bantam: Washington Supply Co., Inc.	11.93	14.50	13.00	3.39	3.00	6.27	9.00
797	Beacon Market Egg All-Mash	Southbury: H. H. Stone & Sons	10.51	17.88	17.00	5.19	3.00	3.39	5.00
1106	Beacon Poultry Fitting	Willimantic: Beacon Grain Store	10.71	15.00	11.00	3.64	3.00	3.61	7.50
813	Beacon Sow Feed	Glenbrook: Frank Policastro & Sons	11.50	17.94	14.00	3.58	3.00	8.51	12.00
935	Beacon Steer Fattener	Portland: Anderson Farm Supply, Inc.	12.66	12.31	11.00	3.04	3.00	3.61	7.00
1107	Beacon "14" Test Cow Ration	Willimantic: Beacon Grain Store	9.89	15.19	14.00	4.43	4.00	7.86	9.00
723	Beacon "18" Test Cow Ration	Bantam: Washington Supply Co., Inc.	11.37	19.63	18.00	5.14	4.00	7.71	9.00
1184	Beacon Turkey and Game Bird Fitting	New London: New London Grain Co.	11.37	11.75	10.00	3.62	3.00	4.18	9.00
724	Beacon Turkey and Game Bird Grower	Bantam: Washington Supply Co., Inc.	9.36	26.06	24.00	5.17	3.50	4.11	6.00
8865	Beacon Turkey and Game Bird Starter	New London: New London Grain Co.	8.46	30.13	28.00	5.07	3.50	3.90	4.75

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist-ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
The Beacon Milling Co., Inc.—Cont.									
Cayuga, N.Y.									
704	Beacon Turkey Finisher All-Mash . . .	Danbury: Barnum's Feed Store . . .	9.77	22.06	18.00	3.94	3.50	4.64	5.50
703	Beacon Turkey Grower All Mash	Danbury: Barnum's Feed Store . . .	10.11	20.81	20.00	3.82	3.00	4.37	5.50
947	Be-Co-Las	Suffield: A. C. Wetherell	10.52	13.63	11.00	2.53	2.00	10.42	13.00
The Berkman Grain Company									
North Franklin, Conn.									
499	Nibco Crate Fattener	North Franklin: The Berkman Grain Co.	11.06	15.63	14.00	4.29	3.50	3.42	4.00
498	Nibco 18% Dairy Ration	North Franklin: The Berkman Grain Co.	11.52	18.75	18.00	4.04	4.00	5.51	8.00
1347	Nibco Fitting Ration	North Franklin: The Berkman Grain Co.	9.88	18.06	14.00	4.28	4.00	5.29	8.00
1377	Nibco High Energy Breeder Mash	North Franklin: The Berkman Grain Co.	10.34	17.94	16.00	2.94	3.50	3.31	5.00
1346	Nibco High Energy Growing Mash	North Franklin: The Berkman Grain Co.	9.00	18.75	16.00	4.34	3.00	4.19	4.00
1376	Nibco High Energy Laying Mash	North Franklin: The Berkman Grain Co.	9.91	17.06	16.00	3.41	3.00	4.14	4.00
497	Nibco Laying Mash with Fortified Cod Liver Oil	North Franklin: The Berkman Grain Co.	11.36	24.00	20.00	4.04	4.00	4.02	7.00
1348	Nibco Nine Week Broiler	North Franklin: The Berkman Grain Co.	10.39	19.44	18.00	2.54	4.00	3.30	3.50
496	Nibco Scratch Feed	North Franklin: The Berkman Grain Co.	13.14	10.00	10.00	3.54	3.00	2.40	6.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
The C. W. Campbell Co. Westerly, R. I.									
1181	Best Pig & Hog Ration	Pawcatuck: The C. W. Campbell Co.	9.77	20.63	15.00	4.29	4.00	6.81	8.00
8889	Camco Horse Feed	Mystic: The C. W. Campbell Co.	11.66	10.75	10.00	4.00	3.00	5.25	10.00
1178	16% Coarse Dairy Ration	Pawcatuck: The C. W. Campbell Co.	11.06	20.63	16.00	3.39	3.00	6.41	8.00
1179	14% Dairy Ration	Pawcatuck: The C. W. Campbell Co.	7.51	16.69	14.00	4.61	3.00	6.56	9.00
8891	16% Dairy Ration	Mystic: The C. W. Campbell Co.	10.70	16.94	16.00	4.28	3.00	6.79	8.00
8872	Economical Stock Feed	Groton: The C. W. Campbell Co.	8.26	7.44	7.00	2.19	1.00	16.49	19.00
8900	Egg-O-Chick Starter & Broiler Ration	Pawcatuck: The C. W. Campbell Co.	9.62	22.56	20.00	4.25	4.00	5.58	7.50
8903	Egg-O-Complete Layer	Pawcatuck: The C. W. Campbell Co.	10.42	18.94	16.00	3.90	3.50	3.80	4.50
8888	Egg-O-Grower	Mystic: The C. W. Campbell Co.	9.86	22.06	20.00	4.99	3.50	4.65	8.00
8871	Egg-O-Laying Mash	Groton: The C. W. Campbell Co.	9.00	21.38	20.00	4.10	3.50	4.51	8.00
1180	Egg-O-Special Broiler	Pawcatuck: The C. W. Campbell Co.	10.77	24.31	20.00	3.82	3.50	3.85	5.00
1182	Egg-O-22% Turkey Finisher	Pawcatuck: The C. W. Campbell Co.	10.16	19.06	22.00	3.08	3.50	5.26	8.00
1183	Egg-O-Turkey Grower	Pawcatuck: The C. W. Campbell Co.	9.80	20.50	20.00	4.89	3.50	5.47	8.00
8869	12% Fitting Ration	Groton: The C. W. Campbell Co.	9.72	13.81	12.00	3.15	3.00	6.62	9.00
8902	Lassagras	Pawcatuck: The C. W. Campbell Co.	8.35	12.06	10.00	3.09	2.00	13.34	16.00
1177	Sheep & Goat Feed	Pawcatuck: The C. W. Campbell Co.	11.80	17.88	15.00	2.94	3.00	6.46	9.00

The Canada Linseed Oil Mills, Ltd.									
Montreal, Quebec, Canada									
1164	Maple Leaf 35% Protein Pure Linseed Oil Cake Meal	Pawcatuck: The C. W. Campbell Co.	11.16	35.25	35.00	5.59	3.50	7.47	9.00
The Canada Starch Co., Ltd.									
Toronto, Canada									
8367	Edwardsburg Brand 23% Corn Gluten Feed	Ansonia: Reliable Grain & Fuel Co.	7.94	27.63	23.00	2.90	2.50	7.45	10.00
The A. B. Caple Co.									
Toledo, Ohio									
1554	Alfalfa Stem Meal	Norwich: The Yantic Grain & Products Co.	11.69	15.25	9.00	2.19	0.80	29.41	40.00
Cargill, Inc.									
Minneapolis, Minn.									
8359	Cargill Incorporated 44% Protein Solvent Extracted Soybean Oil Meal ...	Seymour: Seymour Grain & Coal Co.	8.54	48.25	44.00	1.83	0.50	5.31	7.00
1326	Cargill 34% Protein Solvent Extracted Linseed Oil Meal	Shelton: Wolf Savitsky & Sons, Inc.	10.16	35.06	34.00	1.75	0.50	8.56	9.50
Central Conn. Co-Op Farmers' Assoc., Inc.									
Manchester, Conn.									
8531	Honest Brand Complete Ration High Energy Growing Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	9.41	18.75	15.00	3.89	3.00	3.44	4.00
8544	Honest Brand Complete Ration High Energy Laying Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	10.01	17.75	15.00	4.14	3.00	3.46	4.00
1631	Honest Brand 16% Dairy	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	10.76	16.00	16.00	3.59	3.50	7.34	9.00
868	Honest Brand Growing Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	10.22	19.50	20.00	4.52	3.50	4.47	8.50
1630	Honest Brand Growing Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	9.91	21.25	20.00	3.84	3.50	5.22	8.50
8530	Honest Brand Laying Pellets	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	8.26	20.38	20.00	4.54	3.00	4.05	8.00
1632	Honest Brand Nu Weight Hi Broiler Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	11.40	21.31	20.00	4.29	3.00	3.90	4.00
8525	Honest Brand Nu Weight Hi Starter Mash	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	10.14	22.25	20.00	3.49	3.00	3.74	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	
<p>Central Soya Co., Inc. Fort Wayne, Ind.</p>										
8468	Central Star Brand 44% Protein Solvent Extracted Soybean Oil Meal	Middletown: Meech & Stoddard, Inc.	8.76	48.00	44.00	0.74	0.50	5.12	7.00	
<p>S. J. Cherry & Sons, Ltd. Preston, Canada</p>										
8466	Wheat Bran	Middletown: Meech & Stoddard, Inc.	9.41	15.94	14.00	5.07	3.50	10.05	11.50	
8467	Wheat Shorts	Middletown: Meech & Stoddard, Inc.	9.41	16.69	15.00	5.19	5.00	7.21	8.00	
<p>Citrus Feed Co. Lakeland, Florida</p>										
1563	Fosgate's Ace High All Sweet Dried Citrus Pulp	Plantsville: C. A. Cowles, Inc. ..	10.17	7.19	6.00	3.94	2.50	10.92	11.00	
<p>Clinton Foods, Inc. Florida Products Div. Auburndale, Fla.</p>										
1315	Maxcy Feeds Dried Citrus Pulp	Moosup: Moosup Grain Co.	9.26	6.69	6.00	3.71	2.50	11.20	15.00	
9068	McDonald Brand Dried Citrus Pulp ..	Abington: Abington Grain Co. ..	8.51	6.31	6.00	3.85	2.50	10.05	15.00	
<p>Clinton Foods, Inc. Clinton, Iowa</p>										
845	Clinton Corn Gluten Feed	South Coventry: E. W. Latimer	12.11	23.75	21.00	1.40	2.00	7.31	8.50	
8444	Clinton Corn Gluten Meal	Wallingford: A. E. Hall	7.78	44.94	41.00	2.28	1.00	4.48	6.00	
1334	Clinton 21% Protein Corn Gluten Feed	Shelton: Wolf Savitsky & Sons, Inc.	8.74	21.75	21.00	1.98	2.00	8.91	8.50	

Clinton Foods, Inc. Frestproof, Fla.										
1335	Maxcy Feeds Dried Citrus Meal	Shelton: Wolf Savitsky & Sons, Inc.	9.16	10.88	6.00	2.83	2.50	11.06	15.00	
Clyde Milling Corp. Clyde, N. Y.										
1606	Clyde Dry & Freshening Ration	Manchester: Little & McKinney, Inc.	10.10	15.25	14.00	4.89	3.50	8.74	8.50	
1599	Clyde Horse Feed	Manchester: Little & McKinney, Inc.	10.46	15.13	10.00	3.36	2.50	6.72	10.00	
1595	Clyde M-B-F (Meat Bird Finisher)	Manchester: Little & McKinney, Inc.	10.79	18.31	18.00	4.04	3.50	4.81	6.00	
1074	Clyde Milky-Las 15 Dairy Ration	Eastford: Wm. S. Warren & Sons	10.70	16.50	15.00	3.76	3.50	12.11	13.00	
1594	Clyde Special Complete Growing Mash	Manchester: Little & McKinney, Inc.	10.86	21.00	16.00	3.56	3.50	5.32	6.00	
843	Clyde 16 Test Cow Ration (with Pellets)	South Coventry: E. W. Latimer ..	10.95	16.75	16.00	4.44	4.00	7.48	8.50	
1603	Clyde Turkey Grower	Manchester: Little & McKinney, Inc.	9.97	22.19	22.00	3.94	3.50	4.14	5.50	
846	Cottonseed Meal	South Coventry: E. W. Latimer ..	9.36	42.50	.....	4.84	.....	9.06	.....
1600	Dried Apple Pomace	Manchester: Little & McKinney, Inc.	8.26	7.75	5.00	4.27	3.50	19.21	19.00	
1596	New England 16 Dairy Ration	Manchester: Little & McKinney, Inc.	10.50	17.88	16.00	3.50	3.50	9.26	10.00	
9072	Warren's Dairy Fitting Ration	Eastford: Wm. S. Warren & Sons	10.00	16.00	12.00	4.14	3.00	8.23	10.00	
9073	Warren's 16 Dairy Ration	Eastford: Wm. S. Warren & Sons	10.62	21.38	16.00	3.75	3.00	10.91	11.00	
Coatsworth & Cooper, Ltd. Toronto, Canada										
1337	C & C Wheat Bran	Shelton: Wolf Savitsky & Sons, Inc.	10.76	15.56	15.00	4.73	3.50	9.17	11.50	
1338	C & C Wheat Shorts	Shelton: Wolf Savitsky & Sons, Inc.	10.42	17.25	16.00	5.54	5.00	6.12	8.00	
Cocke & Co. Atlanta, Ga.										
1166	Cocke-Sure Brand Prime Quality 41% Protein Cottonseed Meal	Pawcatuck: The C. W. Campbell Co.	8.81	45.88	41.00	6.50	3.00	7.18	14.00	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Commercial Solvents Corp. Terre Haute, Ind.									
1484	B-Y-500 Dried Grain & Cane Syrup Fermentation Solubles	Norwich: The Yantic Grain & Products Co.	4.36	26.38	25.00	0.54	0.50	0.06	5.00
8545	B-Y-21 Dried Grain & Skimmed Milk Fermentation Solubles	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	4.74	32.13	28.00	8.61	2.00	4.37	5.00
8529	Corn Distillers Dried Solubles	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	7.48	24.25	25.00	5.15	4.00	2.04	6.00
Community Service, Inc. Canaan, Conn.									
1087	Community Complete Pig Feed	Canaan: Community Service, Inc.	10.41	16.00	14.00	3.19	3.50	6.16	8.00
992	Community 16% Dairy Ration	Falls Village: Community Service, Inc.	10.58	16.13	16.00	4.18	3.50	6.86	11.00
1055	Community 18% Dairy Ration	Lakeville: Community Service, Inc.	10.80	18.00	18.00	5.06	4.00	7.42	10.00
1094	Community Fitting Ration	Canaan: Community Service, Inc.	10.26	16.88	14.00	3.69	3.50	6.66	9.00
1093	Community Growing Mash	Canaan: Community Service, Inc.	10.29	18.88	18.00	2.51	4.00	4.47	6.50
1054	Community Laying Mash	Lakeville: Community Service, Inc.	11.11	19.50	18.00	2.76	3.50	4.86	6.50
1056	Community Starter & Grower Mash	Lakeville: Community Service, Inc.	10.61	20.31	17.00	3.71	4.00	4.87	6.50
Consolidated Fisheries Co. Lewes, Del.									
504	Consolidated Fish Meal	Derby: Derby Feed Store	8.96	61.38	60.00	6.59	5.00	0.52	3.00

Consolidated Products Co.									
Danville, Ill.									
1481	"Consolidated's" Dried Whole Whey ..	Norwich: The Yantic Grain & Products Co.	6.01	12.63	12.00	0.30	0.50	0.06	.....
1385	New Kaff-A	Colchester: Einhorn's Grain Store	6.92	23.00	22.00	2.74	4.00	0.91	2.00
Consolidated Rendering Co.									
Boston, Mass.									
1480	Corenco Feeding Bone Meal	Norwich: The Yantic Grain & Products Co.	3.86	14.38	10.00	7.94	.....	0.10	.....
1456	Corenco Feeding Bone Meal	Bloomfield: Bloomfield Farmer's Exchange, Inc.	4.73	13.81	10.00	6.44	.....	0.12	.....
9271	Corenco 47% Meat & Bone Scrap	Derby: Derby Feed Store	6.92	48.69	47.00	7.84	6.00	.....	.....
1483	Corenco 50% Meat & Bone Scrap	Norwich: The Yantic Grain & Products Co.	7.56	49.38	50.00	9.42	6.00	1.41	.....
Continental Distilling Corp.									
Philadelphia, Pa.									
869	Dried Corn Distillers Solubles	Manchester: Central Conn. Co-Op Farmer's Assoc., Inc.	7.44	31.44	28.00	11.06	8.00	3.72	5.00
Co-Op Sugar Factory & Refinery									
Holland									
987	Plain Dried Beetpulp	Winsted: E. Manchester & Sons ..	9.22	9.00	8.00	1.84	0.50	18.23	22.00
Copeland Flour Mills, Ltd.									
Midland, Ont., Canada									
1289	Dandy Wheat Bran	Putnam: Putnam Grain Co.	10.91	17.63	14.00	3.50	3.50	9.65	11.50
8528	Dandy Wheat Shorts	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	9.76	18.38	15.00	4.88	4.50	5.90	8.00
Corn Products Refining Co.									
New York, N. Y.									
9272	Buffalo Brand Corn Gluten Feed	Derby: Derby Feed Store	8.42	27.19	21.00	1.85	1.00	7.62	10.00
9267	Diamond Brand Corn Gluten Meal	Derby: Derby Feed Store	9.08	34.06	41.00	1.88	1.00	6.49	6.00
C. A. Cowles, Inc.									
Plantsville, Conn.									
8831	Blue C 16% Dairy Ration	Plantsville: C. A. Cowles, Inc. ..	11.76	22.38	15.00	4.26	3.00	5.86	8.00
8832	Blue C 20% Dairy Ration	Glastonbury: Melzen Grain Co. ..	9.81	18.06	16.00	4.07	3.00	7.98	9.00
1582	Blue C Feed Complete Laying Mash ..	Glastonbury: Melzen Grain Co. ..	10.97	21.50	20.00	3.62	3.00	7.88	10.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
C. A. Cowles, Inc.—Cont.									
Plantsville, Conn.									
571	Blue C Feed Fitting Ration	Plantsville: C. A. Cowles, Inc.	11.24	18.06	14.00	4.08	3.00	7.56	9.00
573	Blue C Feed Growing Mash	Plantsville: C. A. Cowles, Inc.	11.11	19.63	20.00	3.71	3.00	5.86	7.50
941	Blue C Feed Hog & Pig Feed	Warehouse Point: Gerish Grain Co.	12.20	17.63	16.00	3.97	3.00	8.39	8.00
572	Blue C Feed Laying Mash	Plantsville: C. A. Cowles, Inc.	11.06	21.63	20.00	3.74	3.00	7.36	7.50
1565	Blue C Feed Plantsville Dairy Ration	Plantsville: C. A. Cowles, Inc.	10.81	18.31	18.00	2.18	3.00	4.49	12.00
1587	Blue C Feed Sheep & Goat Ration	Bristol: C. A. Cowles, Inc.	11.81	14.25	15.00	3.71	3.00	5.86	7.00
570	Blue C Feed Turkey Growing Mash	Plantsville: C. A. Cowles, Inc.	11.08	21.88	20.00	3.94	3.00	8.08	7.50
8813	Blue C Horse Feed with Molasses	Hartford: H. L. Solloway	10.01	10.50	10.00	3.98	3.00	6.87	10.00
9260	Blue C Rabbit Pellets	Bristol: C. A. Cowles, Inc.	9.84	18.19	15.00	3.34	3.00	10.22	15.00
9248	Blue C Special Starter & Broiler Feed	Bristol: C. A. Cowles, Inc.	9.76	22.00	21.00	2.69	4.00	3.79	4.00
8830	Blue C Super 16% Coarse Dairy Ration	Glastonbury: Melzen Grain Co.	10.06	16.88	16.00	4.28	3.00	7.31	9.00
9252	Blue C Super 16% Dairy Ration	Bristol: C. A. Cowles, Inc.	9.37	18.00	16.00	4.04	3.50	6.69	7.50
1564	Elco Laying Mash	Plantsville: C. A. Cowles, Inc.	12.72	20.50	20.00	3.40	3.00	4.61	7.20
569	High-Energy Elco Complete Lay	Plantsville: C. A. Cowles, Inc.	11.69	16.75	16.00	4.12	3.50	4.32	4.70
938	Red C Feed 16% Dairy Ration	South Windsor: South Windsor Grain Co.	12.81	13.81	16.00	3.29	3.00	11.11	11.00
1583	Red C Feed Fitting Ration	Plantsville: C. A. Cowles, Inc.	11.91	18.31	14.00	3.53	3.00	7.21	11.00
1580	Red C Feed Starting and Growing Mash	Plantsville: C. A. Cowles, Inc.	11.11	22.06	15.00	3.75	4.00	6.66	8.00
8812	Red C Laying Mash	Hartford: H. L. Solloway	9.47	17.38	16.00	3.58	3.00	7.17	8.50
Chas. M. Cox Co.									
Boston, Mass.									
730	Wirthmore Baby Chick Scratch	Torrington: F. L. Wadhams & Sons	12.06	11.94	10.00	2.78	2.50	1.35	3.50
8911	Wirthmore Breeder Mash	Fitchville: Norwich Grain Co.	10.23	22.06	20.00	3.88	3.00	5.55	5.50
985	Wirthmore Calf Starter Meal	Winsted: E. Manchester & Sons	10.04	23.50	22.00	4.84	3.50	5.16	7.00

8491	Wirthmore	Calving Ration	Kensington: A. S. Labieniec	10.19	15.63	14.00	3.84	3.50	7.68	10.00
706	Wirthmore	Challenger Coarse 12 Dairy Ration	Danbury: Benjamin Grain Co.	10.41	15.81	12.00	3.08	2.00	7.36	12.00
8331	Wirthmore	Challenger Coarse 14 Dairy Ration	Branford: S. V. Osborn, Est.	8.94	17.25	14.00	4.29	3.00	8.90	12.00
861	Wirthmore	Challenger Coarse 16 Dairy Ration	Stafford Springs: Valley Grain Co.	12.90	17.44	16.00	4.46	3.00	7.50	12.00
9285	Wirthmore	Challenger 16 Dairy Ration	Ansonia: Ansonia Feed Co.	9.80	17.69	16.00	3.89	3.00	6.82	10.00
1099	Wirthmore	Complete Breeder Ration	New Milford: Soule Grain Co.	9.93	18.06	15.00	3.29	3.00	4.76	6.00
8304	Wirthmore	Complete Chick Starter	Cheshire: Center Grain Co.	11.12	22.06	20.00	3.33	3.00	3.90	5.00
607	Wirthmore	Complete Egg Ration	New Britain: C. W. Lines Co.	11.21	20.25	15.00	3.70	3.00	3.90	6.00
8840	Wirthmore	Complete Growing Ration	Centerbrook: S. M. Prann, Inc.	9.94	16.50	15.00	4.09	3.00	5.57	6.00
768	Wirthmore	20 Dairy Ration	Torrington: F. L. Wadhams & Sons	11.36	20.31	20.00	3.19	3.50	5.86	9.00
1420	Wirthmore	32 Dairy Supplement	Torrington: Litchfield Co. Co-Op Assoc.	10.11	31.56	32.00	2.24	3.00	6.74	8.00
9040	Wirthmore	Fattening Pellets	Plainfield: Dayville Grain & Feed Co.	12.22	18.75	17.50	3.15	3.00	3.24	4.50
8298	Wirthmore	14% Fitting Ration	New Haven: Westville Grain Co.	10.97	15.00	14.00	3.98	3.50	6.59	9.00
862	Wirthmore	Fodder Greens	Stafford Springs: Valley Grain Co.	13.00	11.50	9.00	3.14	2.00	11.32	18.00
929	Wirthmore	Growing Mash	Middlefield: Middlefield Grain & Coal Co.	12.33	21.88	18.00	2.94	3.00	4.08	5.50
1189	Wirthmore	Hi-Ener-G-Breeder	Clinton: Clinton Grain Co.	10.54	18.75	16.00	4.18	3.00	3.56	4.50
9041	Wirthmore	Hi-Ener-G-Grower	Plainfield: Dayville Grain & Feed Co.	11.97	17.31	16.00	3.51	3.00	3.64	4.50
8910	Wirthmore	Hi-Ener-G-Layer	Fitchville: Norwich Grain Co.	11.06	17.50	16.00	3.32	3.00	3.92	4.50
931	Wirthmore	Hog Grower	Cromwell: F. I. Nordgren	12.44	18.94	15.00	3.81	4.00	4.17	6.00
8834	Wirthmore	Horse Feed	Glastonbury: Sharpwell Implementation Service	11.71	11.31	10.00	3.73	3.25	7.63	9.00
608	Wirthmore	Improved Hi-Ener-G-Starter and Broiler Ration	New Britain: C. W. Lines Co.	11.21	20.81	20.00	3.71	3.00	2.92	4.00
1202	Wirthmore	Intermediate Scratch	Stepney: Wirthmore Grain & Coal Co.	12.22	13.38	9.50	4.23	2.50	4.17	4.00
9286	Wirthmore	Laying Mash	Ansonia: Ansonia Feed Co.	10.87	23.31	20.00	3.20	3.00	5.54	5.50
8305	Wirthmore	Morning Call Scratch	Cheshire: Center Grain Co.	12.12	10.25	9.50	2.93	2.50	4.10	4.00
9066	Wirthmore	Pig & Sow Feed	Danielson: Dayville Grain & Feed Co.	10.56	19.63	18.00	4.07	3.50	6.06	8.00
8835	Wirthmore	Poultry Fitting Ration	Glastonbury: Sharpwell Implementation Service	12.17	16.38	12.00	3.00	3.00	6.58	7.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						Station No.	
		Moisture	Protein (N x 6.25)		Fat		Fiber		
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found		Guaranteed not more than
Chas. M. Cox Co.,—Cont. Boston, Mass.									
707	Wirthmore Poultry Flush	Danbury: Benjamin Grain Co.	8.60	17.19	15.00	3.32	2.50	4.09	6.00
873	Wirthmore Producer 16 Dairy Ration	Willimantic: Willimantic Grain Co.	8.16	19.63	16.00	3.51	3.00	7.00	10.00
9067	Wirthmore Rabbit Pellets	Danielson: Dayville Grain & Feed Co.	9.44	21.88	18.00	3.72	3.50	9.12	12.00
8490	Wirthmore 16 Record Ration	Kensington: A. S. Labieniec	9.81	17.69	16.00	3.84	3.50	6.87	9.00
951	Wirthmore Scratch Feed	Suffield: The Spencer Co.	11.71	11.75	9.50	2.59	2.50	2.60	4.00
725	Wirthmore Sheep and Goat Ration	Bantam: Washington Supply Co., Inc.	10.67	16.75	16.00	5.11	3.50	7.10	9.00
8839	Wirthmore Stock Feed	Centerbrook: S. M. Prann, Inc.	9.60	12.19	10.00	4.10	3.00	8.62	11.00
930	Wirthmore Super Pellets	Middlefield: Middlefield Grain & Coal Co.	10.68	22.75	20.00	2.75	3.00	3.91	5.50
905	Wirthmore Turkey Breeder Ration	New Haven: R. G. Davis & Sons	10.91	26.38	24.00	4.74	3.00	5.04	7.00
986	Wirthmore Turkey Fattening Ration	Winsted: E. Manchester & Sons	10.06	18.00	16.00	4.57	3.00	5.20	6.50
950	Wirthmore Turkey Growing Ration	Suffield: The Spencer Co.	10.16	21.19	20.00	3.24	3.00	4.74	6.50
1190	Wirthmore Turkey Starter Ration	Clinton: Clinton Grain Co.	10.00	28.50	28.00	2.78	3.00	4.21	5.50
539	Wirthmore Twin-Mix Calf Ration	Watertown: The Watertown Co-Op Assoc., Inc.	11.86	18.94	17.00	4.94	3.00	5.54	8.00
Crawford Bros., Inc. Walton, N. Y.									
9240	Complete Chick Starter Mash	Eastford: Wm. S. Warren & Sons	9.22	19.13	20.00	4.28	3.50	6.05	8.50
9242	Complete Egg Mash	Eastford: Wm. S. Warren & Sons	8.36	15.44	15.00	4.07	3.50	8.26	8.50
605	Complete Growing Mash	New Britain: The Hugh Reynolds Grain & Feed	10.65	14.44	15.00	4.06	3.50	7.86	8.50
603	20% Dairy Ration	New Britain: The Hugh Reynolds Grain & Feed	12.21	23.94	20.00	4.31	3.00	7.80	10.00

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910	14% Dry & Freshening	Wallingford: D. W. Ives	11.54	15.50	14.00	3.23	3.50	10.19	10.50
909	14% Fitting Ration	Wallingford: D. W. Ives	10.69	16.38	14.00	4.46	3.50	10.86	11.00
9237	Hi-Energy Starter and Broiler Mash	Eastford: Wm. S. Warren & Sons	9.82	22.31	21.00	4.84	4.00	4.08	5.00
9238	Horse Feed	Eastford: Wm. S. Warren & Sons	10.47	9.94	9.00	3.65	3.50	7.10	9.50
9239	Laying Mash	Eastford: Wm. S. Warren & Sons	7.24	21.88	20.00	4.36	3.50	7.98	8.50
908	16% Milk Flow	Wallingford: D. W. Ives	11.90	17.50	16.00	3.79	3.50	10.31	11.00
1078	Poultry Finishing Feed	Eastford: Wm. S. Warren & Sons	16.00	13.63	12.00	3.54	3.50	5.00	6.50
604	Rabbit Pellets	New Britain: The Hugh Reynolds Grain & Feed	10.86	18.31	16.00	3.94	3.00	11.00	18.50
602	Scratch Grain	New Britain: The Hugh Reynolds Grain & Feed	13.34	11.06	9.00	4.00	2.50	1.97	5.00
9241	Turkey Growing Mash	Eastford: Wm. S. Warren & Sons	8.67	20.50	18.00	3.52	3.50	8.53	8.50
1073	Warren's Milkproducer 16% Dairy Feed	Eastford: Wm. S. Warren & Sons	10.61	17.44	16.00	3.20	3.50	10.73	11.00
P. Cutler, Inc.									
Colchester, Conn.									
691	Prosperity Dairy Ration	Colchester: P. Cutler, Inc.	12.52	19.81	16.00	3.82	3.75	5.51	10.00
1381	Prosperity Laying Mash	Colchester: P. Cutler, Inc.	9.29	20.94	17.00	3.39	3.50	6.74	10.00
Dailey Mills, Inc.									
Olean, N. Y.									
8496	Candy Horse Feed	New Britain: The Hugh Reynolds Grain & Feed	6.66	9.56	11.00	3.34	3.00	8.37	10.50
8497	Double Diamond Baby Chick Grains	New Britain: The Hugh Reynolds Grain & Feed	6.54	11.06	9.00	3.23	3.00	1.15	4.00
8500	Double Diamond Complete Egg Producer	New Britain: The Hugh Reynolds Grain & Feed	7.21	15.06	15.00	3.41	4.00	7.16	8.00
8499	Double Diamond Complete Grower	New Britain: The Hugh Reynolds Grain & Feed	6.82	17.69	15.00	3.76	4.50	7.01	7.00
8458	Double Diamond H1cal 14% Body Builder	Wallingford: D. W. Ives	9.19	15.81	14.00	3.84	3.25	7.05	7.50
8498	Double Diamond H1cal Rabbit Pellets	New Britain: The Hugh Reynolds Grain & Feed	6.54	15.81	12.00	3.77	3.00	9.29	12.00
8495	Double Diamond H1cal Starter Broiler	New Britain: The Hugh Reynolds Grain & Feed	10.25	23.25	20.00	3.59	3.50	3.36	4.00
8450	Double Diamond H1cal 16% Test Ration	Wallingford: D. W. Ives	8.46	18.50	16.00	3.50	3.50	7.43	8.00
8451	Double Diamond 16% Milk Producer	Wallingford: D. W. Ives	8.52	18.75	16.00	4.14	3.50	8.14	9.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist- ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Dailey Mills, Inc.—Cont. Olean, N.Y.									
8492	Double Diamond 20% Milk Producer ..	New Britain: The Hugh Reynolds Grain & Feed	8.44	22.19	20.00	4.68	3.50	8.39	10.00
8501	Double Diamond 14% Pelleted Fitting Ration	New Britain: The Hugh Reynolds Grain & Feed	8.11	16.69	14.00	3.46	3.50	6.28	10.00
8494	Double Diamond Pig & Hog	New Britain: The Hugh Reynolds Grain & Feed	8.54	14.38	13.00	4.79	4.00	7.93	8.00
8493	Egg Producer	New Britain: The Hugh Reynolds Grain & Feed	9.21	23.31	20.00	4.70	3.00	6.62	8.90
Dairymen's League Co-Op Assoc., Inc. Utica, N.Y.									
1410	Dairylea Choice Feed Grade Dried Skin Milk	Middletown: Meech' & Stoddard, Inc.	8.36	32.81	33.00	0.38	0.50	0.22	.....
R. G. Davis & Sons, Inc. New Haven, Conn.									
904	Davis 16% Dairy Feed	New Haven: R. G. Davis & Sons, Inc.	11.57	17.38	16.00	4.83	3.50	8.69	11.00
8303	Davis Egg Mash	Cheshire: Center Grain Co.	9.06	22.06	20.00	3.00	2.50	6.20	7.00
8299	Davis Horse Feed	New Haven: Westville Grain Co.	18.09	9.47	9.00	3.15	2.00	5.89	10.00
902	New England College Conference Grow	New Haven: R. G. Davis & Sons, Inc.	11.88	19.38	17.94	2.37	3.90	4.27	5.90
903	New England College Conference Lay	New Haven: R. G. Davis & Sons, Inc.	12.27	18.94	17.00	3.29	3.00	3.65	6.00
Dawe's Manufacturing Co. Chicago, Ill.									
8472	Flavonne Ribo-D	Middletown: Meech & Stoddard, Inc.	8.91	33.38	31.00	1.34	1.00	7.48	7.00

1127	Flavonne Ribo-D Special Blend No. 660	Guilford: Fred C. Morse & Son	11.11	35.88	31.00	1.25	1.00	4.80	7.00
1409	Special Mix No. 3065, Lot No. 1722	Middletown: Meech & Stoddard, Inc.	10.61	35.13	33.00	2.36	1.00	4.17	7.00
Dawnwood Farms									
Amenia, N. Y.									
9289	Dawnwood Farms Caf-Star - A Formula Feed for Calves	Newtown: Newtown Farm Supply Co.	8.42	30.25	26.00	3.37	3.00	2.11	3.00
Decatur Milling Co., Inc.									
Decatur, Ill.									
1187	Homco Hominy Feed	New London: New London Grain Co.	11.06	12.50	9.00	7.11	5.00	4.20	6.00
Delaware Mills, Inc.									
Deposit, N. Y.									
1562	Delaware Broiler Finisher	North Stonington: Samuel Stewart	11.11	19.06	18.00	4.44	3.00	4.73	5.00
687	Delaware Egg Mash	Colchester: P. Cutler, Inc.	11.01	21.00	20.00	2.68	2.50	5.45	6.00
1560	Delaware Fitting Ration	North Stonington: Samuel Stewart	11.85	15.63	14.00	4.32	3.00	9.31	11.00
688	Delaware Growing Mash	Colchester: P. Cutler, Inc.	11.24	20.63	18.00	3.14	2.50	6.11	6.00
1561	Delaware H-E Layer & Breeder	North Stonington: Samuel Stewart	11.38	16.63	16.50	4.14	3.00	3.71	4.50
686	Delaware Sweet 16% Dairy Feed with Pellets	Colchester: P. Cutler, Inc.	12.16	16.63	16.00	3.91	3.50	8.27	10.00
689	Delaware 18% Test Ration	Colchester: P. Cutler, Inc.	11.31	20.69	18.00	3.93	4.00	7.09	9.00
1559	Delaware Turkey Developer	North Stonington: Samuel Stewart	10.66	19.69	20.00	4.74	2.50	7.22	6.50
Derby Feed Store									
Derby, Conn.									
9275	Litsky's Hi-Energy All Mash Grower	Derby: Derby Feed Store	9.71	18.50	16.00	4.70	3.50	3.80	4.00
9273	Litsky's Hi-Energy All Mash Layer	Derby: Derby Feed Store	8.87	16.75	16.00	5.84	3.50	4.51	4.00
503	Litsky's Hi-Energy Layer	Derby: Derby Feed Store	10.53	21.13	20.00	5.21	3.25	3.62	4.50
9274	Litsky's Sweet 16% Dairy Ration	Derby: Derby Feed Store	9.15	17.88	16.00	3.65	3.50	7.59	12.00
Dewart Milling Co., Ltd.									
Peterborough, Ont., Canada									
1085	Wheat Bran	Canaan: Community Service, Inc.	10.44	15.31	15.00	4.45	3.50	10.77	11.50
870	Wheat Shorts	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	13.09	13.50	15.00	3.86	5.00	2.79	8.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Dietrich & Gambrill, Inc.									
Frederick, Md.									
9071	D & G Calf Grower	Eastford: Wm. S. Warren & Sons	11.20	17.19	13.00	3.69	2.00	4.57	9.00
1077	Gambrill's Chick Grains	Eastford: Wm. S. Warren & Sons	12.15	10.69	9.00	3.12	3.00	1.26	4.00
Distillers Corp., Ltd.									
Montreal, Canada									
8895	Distilco Corn Distillers Dried Grains 25%	Pawcatuck: The C. W. Campbell Co.	4.07	25.19	25.00	9.98	8.00	9.72	12.00
Doughnut Corp. of America									
Ellicott City, Md.									
1207	Domaco Pure Winter Wheat Bran	Norwalk: The Libner Grain Co., Inc.	10.21	15.94	13.50	3.94	3.25	8.39	9.50
8898	Domaco Winter Wheat Standard Mid- dlings	Pawcatuck: The C. W. Campbell Co.	9.47	14.75	14.50	4.65	4.25	6.08	7.50
Dow Brewery, Ltd.									
Montreal 3, Quebec, Canada									
523	Dried Brewers' Grains	Seymour: Seymour Grain & Coal Co.	9.31	22.06	22.00	4.94	7.00	13.08	15.00
Dutton Flour Mills									
Dutton, Ontario, Canada									
1455	Bran	Bloomfield: Bloomfield Farmers Exchange, Inc.	12.38	14.06	14.00	3.65	2.50	8.58	11.00
871	Shorts	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	12.41	13.63	13.50	3.63	4.00	3.59	8.00

Eastern States Farmers' Exchange, Inc.
West Springfield, Mass.

1100	All Mash Breeder	New Milford: Benjamin L. Bar- ringer	9.69	18.06	15.50	3.24	3.00	3.01	4.50
501	All Mash Developer	Norwich: Eastern States Farmers' Exchange, Inc.	12.61	18.25	16.00	3.48	2.50	3.20	4.50
8336	All Mash Producer	North Haven: Eastern States Farmers' Exchange, Inc.	9.70	18.31	15.50	3.54	2.50	3.14	4.50
1447	Breeder Mash	Torrington: Eastern States Farm- ers' Exchange, Inc.	10.50	24.00	22.00	3.37	2.50	3.36	4.50
1098	Calf Starter	New Milford: Paul W. Caldwell	10.43	21.06	20.00	3.69	3.00	5.11	6.00
952	Calving Ration	Granby: Ayer & Simmons, Inc.	9.62	11.25	9.50	1.84	1.50	11.84	15.00
1260	Champion	Willimantic: Eastern States Farm- ers' Exchange, Inc.	12.01	16.44	14.00	2.63	2.50	6.50	7.00
8818	Class Leader	East Hartford: Eastern States Farmers' Exchange Inc.	11.47	15.63	14.00	4.79	4.00	7.25	8.00
717	Developer	Bethel: Eastern States Farmers' Exchange, Inc.	10.36	23.63	22.00	5.51	5.00	4.26	4.50
8338	Finisher	North Haven: Eastern States Farmers' Exchange, Inc.	8.80	18.44	16.50	3.29	2.50	2.91	4.50
876	Fulpail	Willimantic: Eastern States Farm- ers' Exchange, Inc.	12.16	23.31	20.00	4.11	4.00	7.06	9.50
500	Grasslander	Norwich: Eastern States Farmers' Exchange, Inc.	12.71	12.69	10.00	4.43	3.50	5.08	9.00
502	Hog Supplement	Norwich: Eastern States Farmers' Exchange, Inc.	9.56	36.31	36.00	4.82	1.50	6.42	8.50
953	Lay-Mix	Granby: Ayer & Simmons, Inc.	8.15	39.69	36.00	3.21	2.00	5.57	6.50
8819	Milkmore	East Hartford: Eastern States Farmers' Exchange, Inc.	10.16	17.13	16.00	4.54	4.00	7.10	8.50
874	Milksaver	Willimantic: Eastern States Farm- ers' Exchange, Inc.	11.06	26.00	24.00	1.43	1.00	0.19	1.00
718	Pig Primer	Bethel: Eastern States Farmers' Exchange, Inc.	11.21	17.38	16.00	3.74	3.00	5.03	5.50
778	Pork Builder	Torrington: Eastern States Farm- ers' Exchange, Inc.	12.20	15.81	14.00	3.39	3.00	3.75	4.00
8337	Producer	North Haven: Eastern States Farmers' Exchange, Inc.	8.26	23.88	22.00	3.59	2.50	3.43	4.50
716	Rabbittes	Bethel: Eastern States Farmers' Exchange, Inc.	10.71	19.31	18.00	2.85	2.00	13.91	16.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist-ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Eastern States Farmers' Exchange, Inc.—Cont.									
West Springfield, Mass.									
777	36% Supplement	Torrington: Eastern States Farmers' Exchange, Inc.	11.42	37.19	36.00	2.53	1.50	7.46	9.00
8817	Sweepstakes	East Hartford: Eastern States Farmers' Exchange, Inc.	11.10	16.63	16.00	4.00	3.50	6.82	8.00
1448	Turkey Grower	Torrington: Eastern States Farmers' Exchange, Inc.	12.12	22.63	20.00	3.44	3.00	4.19	4.50
Elmore Milling Co., Inc.									
Ononta, N. Y.									
1262	Elmore Breeder Mash	Hampton: Elmore Conn. Stores, Inc.	10.92	21.88	20.00	4.26	3.00	4.19	6.00
1261	Elmore Broiler Finishing Ration	Hampton: Elmore Conn. Stores, Inc.	10.86	21.00	18.00	3.44	3.00	4.06	5.00
1263	Elmore Bull Feed	Hampton: Elmore Conn. Stores, Inc.	12.01	18.38	13.00	3.89	3.00	5.95	9.00
1298	Elmore Chick Feed	Danielson: United Co-Op Farmers, Inc.	11.79	10.50	9.00	3.84	2.50	1.64	5.00
807	Elmore Complete Growing Ration	Cos Cob: Belmont Feed Co.	11.20	19.19	15.00	3.20	3.00	4.64	5.00
591	Elmore Complete Market Egg Mash	Forestville: Elmore Conn. Stores, Inc.	11.51	18.75	15.50	3.54	3.00	4.65	4.50
1264	Elmore Complete Rabbit Ration	Hampton: Elmore Conn. Stores, Inc.	10.62	22.63	16.00	5.31	3.50	7.37	10.00
1123	Elmore Complete Turkey Growing	East Haven: East Haven Hay & Grain Supply	10.24	24.31	17.00	3.82	3.00	4.17	6.00
593	Elmore Dry & Freshening Ration	Forestville: Elmore Conn. Stores, Inc.	12.65	15.63	12.00	3.94	4.00	5.00	9.00
1097	Elmore Egg Mash	Gaylordsville: Elmer E. Carlson	10.22	21.38	20.00	4.13	2.50	4.90	6.00

685	Elmore Fitting Ration	Amston: Elmore Conn. Stores, Inc.	12.41	16.63	14.00	4.94	4.00	5.36	8.00
592	Elmore Flaked Pelleted Calf Starter	Forestville: Elmore Conn. Stores, Inc.	12.35	18.06	18.00	3.29	2.50	5.91	8.00
1591	Elmore Game Bird Grower	Vernon: Farmers' Milling Co., Inc.	10.63	25.56	20.00	3.87	3.50	4.71	8.00
1588	Elmore Goat Ration	Forestville: Elmore Conn. Stores, Inc.	11.69	18.00	16.00	3.19	3.00	5.16	10.00
684	Elmore Grand Champion Ration	Amston: Elmore Conn. Stores, Inc.	12.76	16.69	15.00	4.36	4.00	4.86	9.00
942	Elmore Growing Mash	Hazardville: E. B. Buck	11.46	19.13	18.00	3.19	2.50	5.54	6.00
595	Elmore Hog Ration	Forestville: Elmore Conn. Stores, Inc.	11.60	22.56	15.00	4.03	3.50	4.99	8.00
8335	Elmore Horse Feed	East Haven: East Haven Hay & Grain Supply	9.77	12.06	9.00	3.26	3.00	5.44	11.00
606	Elmore Improved Calf Starter	New Britain: The Hugh Reynolds Grain & Feed	11.48	22.56	20.00	3.39	3.50	3.46	8.00
943	Elmore M. A. C. Laying Mash	Hazardville: E. B. Buck	12.66	21.69	20.00	4.43	2.50	4.78	8.00
944	Elmore Milk Grains 16%	Hazardville: E. B. Buck	15.16	19.38	16.00	5.14	4.00	6.97	9.00
772	Elmore Pacemaker 16% Dairy Ration	Torrington: Litchfield County Co-Op Assoc.	11.00	16.88	16.00	2.99	2.50	10.00	10.00
683	Elmore Pasture Ration	Amston: Elmore Conn. Stores, Inc.	12.67	18.75	14.00	3.90	2.50	9.79	9.00
1444	Elmore Super Silage	Torrington: Litchfield County Co-Op Assoc.	12.46	11.81	11.00	3.06	2.00	17.91	18.00
8334	Elmore Test Ration 16%	East Haven: East Haven Hay & Grain Supply	8.77	16.50	16.00	4.06	4.00	6.85	9.00
1096	Elmore Test Ration 18%	Gaylordsville: Elmer E. Carlson	9.27	19.88	18.00	5.91	4.00	6.47	9.00
1122	Elmore Turkey Finisher (Fattener)	East Haven: East Haven Hay & Grain Supply	10.41	20.06	16.00	4.59	3.00	4.55	8.00
1303	Elmore Turkey Fitting Ration	Plainfield: Elmore Conn. Stores, Inc.	12.01	12.38	12.00	3.39	3.00	5.39	10.00
594	Elmore Turkey Growing Mash (Pelleted)	Forestville: Elmore Conn. Stores, Inc.	11.06	20.81	20.00	3.94	2.50	5.28	6.00
1302	Elmore Turkey Starting Mash (Crumbles)	Plainfield: Elmore Conn. Stores, Inc.	10.31	25.00	27.00	3.88	3.00	4.09	5.00
John W. Eshelman & Sons Lancaster, Pa.									
1622	Conestoga 18 Dairy Feed	Norwich: The A. E. Shedd Co.	10.20	21.25	18.00	3.19	3.00	8.86	11.00
821	Lancaster Scratch Grains	Ridgefield: Young's Feed Store	12.66	11.50	9.00	3.28	2.00	3.06	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
John W. Eshelman & Sons—Cont. Lancaster, Pa.									
907	Pennsy 16 Dairy Feed	Wallingford: A. E. Hall	10.61	18.75	16.00	4.91	3.00	10.21	15.00
1624	Red Rose Breeder Mash	Norwich: The A. E. Shedd Co.	10.57	22.06	20.00	5.26	3.50	5.06	5.50
1188	Red Rose Broiler Finisher	New London: New London Grain Co.	9.81	21.38	18.00	3.59	3.50	5.94	6.50
1185	Red Rose Calf Starter	New London: New London Grain Co.	9.75	18.25	18.00	4.86	3.00	7.01	8.00
804	Red Rose Complete Growing Ration	Gos Cob: Belmont Feed Co.	10.94	20.31	17.00	4.28	3.50	4.82	5.50
802	Red Rose Complete Laying Ration	Southbury: H. H. Stone & Sons	10.63	18.31	16.00	3.85	3.50	5.12	4.50
720	Red Rose 16% Dairy Feed	Bethlehem: Merrill Bros.	11.32	18.75	16.00	4.24	3.50	7.26	9.50
8448	Red Rose 18% Dairy Feed	Wallingford: A. E. Hall	9.50	19.00	18.00	3.51	3.50	7.84	9.50
1626	Red Rose 32% Dairy Supplement	Norwich: The A. E. Shedd Co.	11.36	37.69	32.00	2.69	2.50	6.06	9.00
611	Red Rose Fattening Mash	New Britain: Wm. Cohen, Inc.	11.16	15.81	14.00	4.31	4.00	3.22	5.50
9246	Red Rose Fitting Ration	Thomaston: The Thomaston Supply Co., Inc.	9.54	13.19	12.00	3.87	3.50	7.38	7.00
8856	Red Rose Growing Mash	New London: New London Grain Co.	9.89	18.81	18.00	4.23	3.50	6.25	7.00
542	Red Rose Hog Meal	Thomaston: The Thomaston Supply Co., Inc.	11.17	21.88	16.00	3.78	3.50	5.75	8.00
8445	Red Rose Horse Feed	Wallingford: A. E. Hall	6.89	12.06	9.00	3.20	3.00	6.44	10.00
8294	Red Rose Intermediate Chick Grains	New Haven: T. F. Moran & Son	12.13	11.19	9.00	3.29	2.00	1.78	3.00
1623	Red Rose Intermediate Chick Grains	Norwich: The A. E. Shedd Co.	12.90	10.25	9.00	3.38	2.00	1.36	3.00
8295	Red Rose Laying aMsh	New Haven: T. F. Moran & Son	10.93	22.69	20.00	3.96	3.50	5.38	5.50
1609	Red Rose Milk Replacer	Norwich: The A. E. Shedd Co.	7.36	22.13	22.00	2.11	1.00	0.83	1.00
1610	Red Rose Pigeon Feed	Norwich: The A. E. Shedd Co.	11.31	13.88	12.00	4.41	3.00	2.80	4.00
9251	Red Rose Rabbit Pellets	Thomaston: The Thomaston Supply Co., Inc.	8.90	21.19	18.00	3.79	3.00	8.53	12.00
8296	Red Rose Scratch Grains	New Haven: Frank S. Platt Co.	12.00	9.83	9.00	2.84	2.00	3.12	4.00

1446	Red Rose Steer Feed	Torrington: Litchfield County Co-Op Assoc.	11.86	23.00	18.00	3.81	2.50	10.96	15.00
820	Red Rose Super Dairy Feed	Ridgefield: Young's Feed Store ..	12.16	21.88	18.00	3.98	3.25	6.56	9.00
1445	Red Rose 36% Supplement Mash	Torrington: Litchfield County Co-Op Assoc.	10.26	36.13	36.00	5.04	3.50	7.10	8.00
806	Red Rose T-C Feed	Cos Cob: Belmont Feed Co.	11.06	20.44	18.00	4.44	3.00	4.75	5.00
819	Red Rose 14 Test Cow Ration	Ridgefield: Young's Feed Store ..	11.31	20.94	14.00	4.20	3.50	6.03	8.50
803	Red Rose Turkey Grower	Cos Cob: Belmont Feed Co.	10.61	21.88	20.00	3.78	3.50	5.86	8.00
8293	S-O-S	New Haven: T. F. Moran & Son ..	9.58	15.63	11.00	3.49	2.00	14.17	16.00

**Excelsior Milling Co.
Minneapolis, Minn.**

537	Camel Wheat Mixed Feed with Wheat Screenings	Watertown: Watertown Co-Op Assoc., Inc.	12.11	15.50	15.00	5.07	4.00	7.07	9.50
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**Farm Bureau Association
Waltham, Mass.**

773	Farm Bureau Complete Market Egg Mash	Torrington: Litchfield County Co-Op Assoc.	10.91	16.56	16.00	3.04	3.00	3.99	5.00
769	Farm Bureau 16% Dairy Ration	Torrington: Litchfield County Co-Op Assoc.	11.19	16.50	16.00	3.23	3.50	7.96	8.50
771	Farm Bureau 20% Dairy Ration	Torrington: Litchfield County Co-Op Assoc.	11.41	21.44	20.00	3.03	3.50	6.97	9.00
775	Farm Bureau Developer Mash	Torrington: Litchfield County Co-Op Assoc.	10.56	19.56	19.00	3.91	3.00	4.10	3.50
1443	Farm Bureau Fitting Ration	Torrington: Litchfield County Co-Op Assoc.	13.71	14.06	12.00	4.25	3.50	6.54	9.00
1442	Farm Bureau Market Egg Mash	Torrington: Litchfield County Co-Op Assoc.	11.35	22.31	20.00	4.64	3.00	4.46	6.00
770	Farm Bureau 14% Milking Ration	Torrington: Litchfield County Co-Op Assoc.	11.64	14.75	14.00	4.26	4.00	6.40	8.50
776	Farm Bureau Rabbit Food Pellets ...	Torrington: Litchfield County Co-Op Assoc.	11.62	18.25	18.00	2.44	3.00	11.92	18.00

**Farmers Feed Co.
New York, N. Y.**

8441	"Bull Brand" Brewers Dried Grains ..	Long Hill: Long Hill Feed Store ..	6.89	27.69	26.00	6.53	6.00	12.69	17.00
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TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Feed Products, Inc. Groveland, Fla.									
954	Bestest Brand "Nature Sweet" Dried Citrus Pulp	Granby: Ayer & Simmons, Inc. . . .	8.88	7.06	6.00	3.77	5.00	8.97	12.00
779	Bestest Brand "Nature Sweet" Dried Citrus Pulp (Late Production)	Torrington: Eastern States Farmers' Exchange, Inc.	10.50	6.50	6.00	3.17	2.50	10.40	12.00
Fish Products Co. Tuckerton, N. J.									
9250	Smith's Lifeline Brand Fish Meal	Thomaston: The Thomaston Supply Co., Inc.	6.16	63.13	60.00	4.44	5.00	0.28	3.00
Fishel Products Co. Kingsburg, Calif.									
8356	Amburgo Super-Trate	Seymour: Seymour Grain & Coal Co.	7.26	43.75	40.00	5.64	4.00	4.44	4.00
Florida Citrus Cannery Co-operative Lake Wales, Fla.									
863	Lake Wales Brand Citrus Pulp	Stafford Springs: Valley Grain Co.	9.99	6.13	6.00	5.23	3.00	11.79	16.00
The Fox Co. Newfield, N. J.									
543	Foxco Flavitein	Thomaston: The Thomaston Supply Co., Inc.	7.75	37.69	35.00	6.88	2.00	1.11	2.50
Fruit Industries Bradenton, Fla.									
8438	Tropicana's Sweetest Dried Citrus Pulp	Long Hill: Long Hill Feed Store	8.31	6.38	6.00	6.30	2.75	11.20	15.00

General Foods Corp. Post Cereals Division Battle Creek, Mich.									
519	Burt's Cereal Feed	Bridgeport: Brooklawn Grain & Feed Co.	9.50	17.69	16.00	4.49	3.00	21.04	21.00
General Mills, Inc. Minneapolis, Minn.									
719	Ben Hur Standard Middlings & Ground Wheat Screenings	Bethel: Eastern States Farmers' Exchange, Inc.	11.92	15.63	15.00	4.41	4.00	7.51	9.50
8912	Washburn's Gold Medal Hard Wheat Adrian Red Dog	Norwich: Checkerboard Feed Store	10.56	16.75	16.00	4.17	3.50	2.02	4.00
693	Washburn's Gold Medal Wheat Bran & Ground Wheat Screenings	Colchester: P. Cutler, Inc.	12.16	16.31	14.00	5.44	3.50	9.40	12.00
694	Washburn's Gold Medal Wheat Stand- ard Middlings & Wheat Screenings ..	Colchester: P. Cutler, Inc.	12.17	17.38	15.00	5.56	4.00	7.61	9.50
General Mills, Inc. Larowe Division Detroit, Mich.									
564	Larro Chick Grains	Plantsville: C. A. Cowles, Inc. ...	13.33	9.94	8.00	3.74	2.00	1.60	4.00
708	Larro Scratch Grains	Danbury: Meeker Hardware	11.67	10.94	8.00	4.06	2.00	2.56	5.00
1581	Larro Sure Chick	Plantsville: C. A. Cowles, Inc. ...	10.81	20.44	20.00	3.38	3.00	4.92	6.00
1579	Larro Surelay Complete "Hi-Energy" ..	Plantsville: C. A. Cowles, Inc. ...	9.86	17.06	16.00	3.81	2.50	4.51	5.00
555	Larro Surelay "Hi-Energy" (Pelleted) ..	Plantsville: C. A. Cowles, Inc. ...	11.23	20.25	20.00	3.74	2.50	5.56	7.00
577	Larro Suremash Concentrate	Plantsville: C. A. Cowles, Inc. ...	9.66	36.69	38.00	2.00	1.50	7.27	8.00
886	Larro Suremilk 14	Jewett City: Machnicki's Grain Store	11.77	15.81	14.00	2.54	2.50	7.38	12.00
8829	Larro Suremilk 16	Glastonbury: Melzen Grain Co. ...	10.98	17.38	16.00	3.32	2.50	8.14	12.00
9261	Larro Suremilk 20	Bristol: C. A. Cowles, Inc.	9.60	22.06	20.00	3.00	2.50	7.25	12.00
709	Larro Surepork Complete	Danbury: Meeker Hardware	11.58	16.88	15.00	5.09	3.00	4.24	6.00
566	Larro Surepoult	Plantsville: C. A. Cowles, Inc. ...	11.14	26.81	24.00	3.71	2.50	5.77	6.00
710	Larro Surerabbit	Danbury: Meeker Hardware	9.49	18.75	15.00	3.96	2.00	14.51	19.00
567	Larro Sureturk	Plantsville: C. A. Cowles, Inc. ...	10.76	29.38	27.00	3.94	2.50	7.13	8.50
568	Larro Sureturk Grower Complete (Crum- bled)	Plantsville: C. A. Cowles, Inc. ...	10.04	21.75	20.00	4.41	2.50	6.31	8.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
<p>The Glidden Co. Soya Products Division Chicago, Ill.</p>									
1383	Glidden 44% Protein Solvent Extracted Soybean Oil Meal	Colchester: P. Cutler, Inc.	10.35	47.38	44.00	0.59	0.50	5.42	7.00
<p>Gloucester By-Products, Inc. Gloucester, Mass.</p>									
884	Globpro Brand Fish Meal	Jewett City: Machnicki's Grain Store	7.46	60.63	55.00	14.41	5.00	0.17	2.00
<p>Goldenrod Oil Meal Sales Co. Memphis, Tenn.</p>									
1324	Goldenrod Brand 41% Protein Cottonseed Meal	Seymour: Seymour Grain & Coal Co.	8.61	40.81	41.00	5.64	3.00	10.71	14.00
<p>Gooderham & Worts, Ltd. Toronto, Canada</p>									
1407	Corn Distillers Dried Grains	Middletown: Meech & Stoddard, Inc.	8.06	29.25	26.00	10.81	6.00	11.91	15.00
<p>Gorton-Pew Fisheries Co., Ltd. Gloucester, Mass.</p>									
8449	Gorton's Al-Blend "Junior"	Wallingford: A. E. Hall	8.35	43.31	40.00	7.26	6.00	7.14	8.00
1086	Gorton's Al-Blend "Senior"	Canaan: Community Service	13.84	43.25	40.00	10.18	7.50	5.80	8.00
<p>D. H. Grandin Milling Co. Jamestown, N. Y.</p>									
712	Grandin's Baby Chick Grains	Danbury: Meeker Hardware ...	12.00	9.38	10.00	3.18	2.50	1.25	5.00
1319	Grandin's Baby Chick Grains	Danbury: Meeker Hardware ...	11.87	10.00	10.00	2.79	2.50	1.37	5.00
713	Grandin's Calf Starter	Danbury: Meeker Hardware ...	11.31	18.25	18.00	3.03	3.00	7.29	10.00

1317	Grandin's Calf Starter	Danbury: Meeker Hardware ...	10.42	17.81	18.00	3.01	3.00	7.75	10.00	
1287	Grandin's Complete Growing Mash ..	Putnam: Shepard & Whittemore, Inc.	9.50	18.31	15.00	3.94	2.50	5.50	5.00	
1284	Grandin's Dry & Freshening Ration ..	Putnam: Shepard & Whittemore, Inc.	11.07	15.63	12.00	2.68	3.00	8.62	12.00	
847	Grandin's 14 Fitting Ration	Mansfield: G. Merritt Thompson	11.27	14.75	14.00	3.68	3.00	6.35	10.00	
1118	Grandin's Hi-Nutro Mash	Oneco: L. B. Whitford	10.92	18.63	15.00	4.01	3.00	3.97	4.50	
1318	Grandin's Hi-Pro Pellets	Danbury: Meeker Hardware ...	9.41	22.19	22.00	3.57	3.00	5.02	5.00	
1119	Grandin's Horse Feed	Oneco: L. B. Whitford	12.36	12.00	9.00	2.67	3.00	4.79	11.00	
1115	Grandin's Intermediate Chick Grains ..	Oneco: L. B. Whitford	13.51	12.13	10.00	2.50	2.50	1.30	5.00	
1101	Grandin's Laying Mash	Hawleyville: W. A. Honan, Inc.	9.27	21.50	20.00	4.06	2.00	4.46	4.50	
1102	Grandin's 20 Milk Maker	Hawleyville: W. A. Honan, Inc.	9.52	20.13	20.00	3.74	3.00	7.31	10.00	
1114	Grandin's Pig & Sow Feed	Oneco: L. B. Whitford	11.39	19.00	18.00	3.69	3.50	5.08	10.00	
1117	Grandin's Poultry & Turkey Fitting Ration	Oneco: L. B. Whitford	14.82	11.31	10.00	3.89	3.00	4.84	11.00	
711	Grandin's Rabbit Pellets	Danbury: Meeker Hardware ...	10.09	14.25	14.00	4.10	2.00	11.01	18.00	
1285	Grandin's Start-To-Finish Mash	Putnam: Shepard & Whittemore, Inc.	9.92	24.25	20.00	4.33	2.50	5.67	5.00	
1121	Grandin's 16 Test Ration	Oneco: L. B. Whitford	11.01	17.13	16.00	3.26	3.00	7.76	10.00	
1286	Grandin's 18 Test Ration	Putnam: Shepard & Whittemore, Inc.	11.59	17.81	18.00	3.12	3.00	6.93	10.00	
1120	Grandin's Turkey Fattener	Oneco: L. B. Whitford	10.96	16.75	17.00	3.00	3.00	3.71	4.00	
1288	Grandin's Turkey Grower	Putnam: Shepard & Whittemore, Inc.	9.66	21.88	20.00	4.23	3.00	4.81	4.50	
1108	Grandin's Twin Six Dairy Feed	Oneco: L. B. Whitford	9.49	17.50	16.00	3.04	3.00	6.86	10.00	
The Great Atlantic & Pacific Tea Co. Minneapolis, Minn.										
1636	Daily Egg Laying Mash	East Hartford: A & P Warehouse	10.78	22.75	20.00	2.88	3.00	5.33	7.50	
1637	Daily Growth Growing Mash	East Hartford: A & P Warehouse	10.55	20.00	17.50	3.76	3.00	7.42	7.50	
Great Star Flour Mills, Ltd. St. Marys, Ontario, Canada										
9247	Shorts	Thomaston: The Thomaston Supply Co., Inc.	10.05	17.63	16.00	5.15	5.00	7.65	8.00	
Green Acre Farms Nazareth, Pa.										
1418	Green Acres Brand 17% Dehydrated Alfalfa Meal	Watertown: The Watertown Co-Op Assoc., Inc.	7.95	18.63	17.00	2.50	2.00	19.89	27.00	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Hales & Hunter Co., Chicago, Ill.								
1269	Gold Flake Dairy 16	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	11.89	16.13	16.00	3.19	3.00	6.58	10.00
9051	Gold Flake Dairy 16½	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	9.07	19.13	16.50	3.90	2.00	7.33	15.00
1280	Pioneer Bull Feed	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.67	13.56	12.00	3.82	3.00	6.11	10.00
1281	Pioneer Calf Starter	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.75	19.69	18.00	2.59	2.50	5.18	8.50
1276	Pioneer Creep & Fitting Ration	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	11.41	12.25	12.00	3.23	2.50	4.77	9.00
9053	Pioneer Creep & Fitting Supplement	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	8.91	31.13	28.00	2.79	2.50	7.09	8.00
9052	Pioneer 16 Dairy	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	11.13	20.88	16.00	3.92	3.00	5.47	9.00
1267	Pioneer 18 Dairy	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	12.11	19.50	18.00	3.00	3.00	5.52	9.00
1265	Pioneer Dairy Fitting Feed	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	12.88	17.56	14.00	4.49	3.50	5.65	10.00
1279	Pioneer Dairy Sup-Pel	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	9.66	25.06	18.00	3.34	3.00	5.65	9.00
9054	Pioneer Dry & Freshening	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.23	12.25	12.00	3.15	2.50	6.94	9.00
8522	Pioneer Horse Feed	Manchester: Little & McKinney, Inc.	9.30	11.44	10.00	3.51	2.50	6.20	10.00
1341	Pioneer Pelleted Flaked 15 Dairy	Shelton: Wolf Savitsky & Sons, Inc.	10.06	20.56	15.00	3.86	3.50	5.34	9.00

1268	Pioneer Pelleted Flaked 16 Dairy	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	11.81	18.63	16.00	3.83	3.50	5.26	9.00
1343	Pioneer Rabbit Pellets	Shelton: Wolf Savitsky & Sons, Inc.	9.10	18.75	16.00	2.58	2.00	6.80	15.00
8520	Red Comb All Mash Layer	Manchester: Little & McKinney, Inc.	7.93	17.19	17.00	4.28	3.00	5.42	7.00
1598	Red Comb Balancer	Manchester: Little & McKinney, Inc.	8.99	26.63	26.00	3.54	2.50	6.72	8.00
1601	Red Comb Breeder Mash	Manchester: Little & McKinney, Inc.	9.52	21.88	20.00	3.79	3.00	5.48	7.00
8811	Red Comb Broiler Crate Fattener	Hartford: D. Rudin, Inc.	9.99	15.50	15.00	4.32	3.00	5.63	7.00
1340	Red Comb Broiler Finisher (Pellets)	Shelton: Wolf Savitsky & Sons, Inc.	9.37	22.94	18.00	3.79	3.00	4.80	5.50
1602	Red Comb Broiler Mash	Manchester: Little & McKinney, Inc.	9.81	21.31	20.00	5.12	3.00	4.18	5.00
1256	Red Comb Crate Fattener	Fairfield: Fairfield Grain & Seed Co.	11.48	15.63	13.00	2.63	3.00	5.60	7.00
1149	Red Comb Duck Grower	Newtown: Newtown Farm Supply	10.57	16.75	18.00	2.78	3.00	5.10	7.00
1342	Red Comb Duck Starter	Shelton: Wolf Savitsky & Sons, Inc.	9.00	20.94	18.00	3.64	3.00	6.06	7.00
1274	Red Comb Egg Mash	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	9.69	21.88	20.00	4.11	3.00	6.31	7.00
8521	Red Comb C Flakes	Manchester: Little & McKinney, Inc.	8.65	16.25	15.00	2.60	2.50	2.69	5.00
1605	Red Comb Growing Mash	Manchester: Little & McKinney, Inc.	9.19	18.25	18.00	6.56	3.00	5.31	7.00
1278	Red Comb Poultry Flesher	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.94	17.81	15.00	4.78	3.00	3.48	6.00
1154	Red Comb Turkey Grower (Pellets)	Newtown: Newtown Farm Supply Co.	10.73	20.31	21.00	5.15	3.00	5.29	7.00
1155	Red Comb Turkey Starter	Newtown: Newtown Farm Supply Co.	11.32	24.25	27.00	4.48	3.00	4.68	6.00

Analyses

**A. E. Hall
Wallingford, Conn.**

8446	Hall's Growing Mash	Wallingford: A. E. Hall	10.67	18.44	16.00	4.19	3.50	5.51	7.50
906	Hall's Hi-Lo Starter & Broiler	Wallingford: A. E. Hall	14.81	22.63	20.00	4.82	3.50	3.60	4.50
8447	Hall's Laying Mash	Wallingford: A. E. Hall	9.22	21.06	20.00	3.96	3.50	5.61	7.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	
T. G. Hill & Co. Atlanta, Ga.										
1333	T. G. Hill's 41% Protein Cottonseed Meal	Shelton: Wolf Savitsky & Sons, Inc.	7.90	41.44	41.00	3.84	4.00	11.04	13.00	
W. L. Hogg, Ltd. Montreal, Canada										
8896	Ground Oats	Pawcatuck: The C. W. Campbell Co.	8.91	11.50	.....	3.23	.....	11.88	.....
The Hubinger Co. Keokuk, Iowa										
1167	Ke OK uk Brand 21% Protein Corn Gluten Feed	Pawcatuck: The C. W. Campbell Co.	9.04	28.63	21.00	3.97	1.00	6.65	10.00	
8469	Ke OK uk Corn Gluten Feed	Middletown: Meech & Stoddard, Inc.	7.86	27.63	21.00	1.94	2.00	5.82	8.50	
Illinois Cereal Mills, Inc. Paris, Ill.										
8875	Hominy Feed	Old Mystic: James Baker	9.24	12.06	10.00	4.44	5.00	3.40	5.00	
International Milling Co. Minneapolis, Minn.										
576	Blackhawk Wheat Standard Bran with Ground Mixed Screenings	Plantsville: C. A. Cowles, Inc. ...	11.65	16.50	15.00	4.59	2.50	10.36	12.00	
493	Blackhawk Wheat Standard Middlings with Ground Mixed Screenings	Middletown: Meech & Stoddard, Inc.	13.31	18.63	15.00	5.66	3.00	7.37	9.50	
9249	Target Wheat Red Dog	Thomaston: Thomaston Supply Co., Inc.	9.56	18.75	15.00	3.65	2.00	3.72	4.00	

		Herman Isacs, Inc. Bridgeport, Conn.								
1635	Meat & Bone Scrap	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	6.39	48.13	48.00	10.23	10.00	1.36	.....
		John Jervis Grain Co., Ltd. Toronto, Ontario, Canada								
1633	Jervis Pure Wheat Shorts	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	12.25	15.75	15.00	5.77	5.00	6.46	8.00	
		Kasco Mills, Inc. Waverly, N. Y.								
8333	Kasco All Mash Layer Ration	East Haven: East Haven Hay & Grain Supply	8.85	19.81	16.00	4.56	3.00	3.84	5.50	
852	Kasco Chick Starter	West Willington: Hansen's Store	11.91	24.00	20.00	6.02	4.00	3.28	5.50	
853	Kasco Egg Producer (Pellets)	West Willington: Hansen's Store	10.56	21.19	20.00	5.01	3.50	4.50	7.00	
8332	Kasco Scratch Grains	East Haven: East Haven Hay & Grain Supply	11.17	10.00	9.00	2.33	2.00	2.72	4.00	
859	Kasco Turkey Grower	West Willington: Hansen's Store	12.15	21.88	20.00	3.64	3.00	4.76	7.50	
		Kellogg Sales Co. Battle Creek, Mich.								
8843	Kellogg's Hominy Feed	New London: Harbor Grain Co.	9.37	10.38	9.50	6.59	6.00	3.20	5.00	
		Spencer Kellogg & Sons, Inc. Buffalo, N. Y.								
9295	Spencer Kellogg's 32% Protein Old Pro- cess (Expeller) Linseed Oil Meal ...	Shelton: Wolf Savitsky & Sons, Inc.	8.65	36.31	32.00	1.60	3.50	9.03	10.50	
8368	Spencer Kellogg 44% Protein Toasted Soybean Oil Meal (Solvent Extracted)	Ansonia: Reliable Grain & Fuel Co.	8.56	48.13	44.00	0.63	0.50	5.52	7.00	
		Kentucky By-Products Corp. Louisville, Ky.								
1084	Brewer's Dried Grain (Special Process, Syrup added)	Canaan: Community Service, Inc.	9.24	20.25	24.00	6.66	6.00	15.08	18.00	
		Keystone Dehydrators Nazareth, Pa.								
1413	Keystone Super Green Dehydrated Al- falfa Meal	Watertown: The Watertown Co- Op. Assoc., Inc.	11.72	19.88	17.00	3.99	2.00	22.44	27.00	

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
	Chas. A. Krause Milling Milwaukee, Wis.								
1275	Badger Yellow Hominy Feed	Putnam: Putnam Farmers' Co-Op Assoc., Inc.	9.54	12.00	10.00	6.94	5.00	3.19	6.00
	Kuder Pulp Sales Co. Lake Alfred, Fla.								
8913	Kuder Dried Citrus Pulp High Sugar	Norwich: Checkerboard Feed Store	12.75	6.00	6.00	4.11	5.00	10.06	13.00
1076	Kuder Dried Citrus Pulp High Sugar (Late Production)	Eastford: Wm. S. Warren & Sons	9.76	6.88	6.00	5.11	3.00	9.76	13.00
	E. W. Latimer South Coventry, Conn.								
841	College 18% Dairy Ration	South Coventry: E. W. Latimer	11.00	19.75	18.00	3.82	4.00	7.64	9.00
839	College Fitting Ration	South Coventry: E. W. Latimer	11.11	16.75	14.00	4.08	4.00	6.64	9.00
840	College Mash with Oil	South Coventry: E. W. Latimer	10.83	17.81	17.50	4.94	4.50	6.57	8.00
	Lauhoff Grain Co. Danville, Ill.								
1208	Vermilion Hominy Feed	Norwalk: The Libner Grain Co., Inc.	10.00	12.69	9.00	6.33	5.00	3.86	6.00
	Libby, McNeill & Libby Ocala, Fla.								
1198	Headliner Dried Citrus Pulp	Stepney: Big Y Grain Co.	9.65	6.25	5.00	4.26	2.50	10.84	15.00
	The Libner Grain Co. Norwalk, Conn.								
1206	Libner's Blue Ribbon Conn. Standard Chick Starter Ration	Norwalk: The Libner Grain Co., Inc.	14.21	20.25	20.00	4.21	4.00	5.96	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moist-ure	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than	
Maritime Milling Co., Inc. Buffalo, N. Y.										
8413	B-B Bull Brand "16" Dairy Ration . . .	Bridgeport: Savitt Grain Exchange	9.20	20.00	16.00	3.34	3.00	8.38	9.00	
1419	B-B Bull Brand Dry & Fresh Cow Fitting Ration	Torrington: Stephen Salus Feed Store	12.11	17.81	13.00	2.73	3.00	6.61	10.00	
8412	B-B Bull Brand Fitting Ration	Bridgeport: Savitt Grain Exchange	9.75	18.25	13.00	3.15	3.00	8.01	10.00	
8411	B-B Bull Brand 18% Special Dairy Ra- tion	Bridgeport: Savitt Grain Exchange	8.86	21.88	18.00	2.34	3.00	7.76	10.00	
1259	B-B Horse Feed	Bridgeport: Savitt Grain Exchange	11.80	12.50	9.00	3.04	3.00	4.66	10.00	
983	B-B Ma-Co Beeder Mash	Winsted: C. S. Roberts & Sons . .	10.75	23.94	22.00	2.89	2.50	2.49	4.00	
727	B-B Ma-Co Broiler Ration (Pellets) . . .	Torrington: Stephen Salus Feed Store	10.47	22.19	22.00	4.51	2.50	2.41	3.50	
728	B-B Ma-Co Complete Growing Ration . .	Torrington: Stephen Salus Feed Store	10.83	17.50	16.00	3.35	2.50	1.94	3.50	
726	B-B Ma-Co Complete Laying Ration . .	Torrington: Stephen Salus Feed Store	11.92	18.50	16.00	4.34	2.50	2.44	3.50	
8408	B-B Ma-Co Conditioning Mash	Bridgeport: Savitt Grain Exchange	9.46	13.75	14.00	3.43	3.00	2.65	3.50	
8407	B-B Ma-Co Egg Mash	Bridgeport: Savitt Grain Exchange	9.50	23.19	21.00	3.33	2.50	3.11	4.00	
981	B-B Ma-Co Growing Mash	Winsted: C. S. Roberts & Sons . .	10.70	22.44	21.00	3.21	2.50	2.81	4.00	
8410	B-B Ma-Co Station Fattening Pellets . .	Bridgeport: Savitt Grain Exchange	10.82	17.50	13.00	3.66	3.00	2.38	3.50	
1257	B-B Ma-Co Turkey Fitting Ration (Pel- lets)	Bridgeport: Savitt Grain Exchange	12.90	12.38	11.00	4.16	3.50	3.28	6.00	
1258	Dollar \$ Maker Brand Egg Mash	Bridgeport: Savitt Grain Exchange	10.66	20.00	20.00	3.73	2.50	5.89	8.00	
Maurer Manufacturing Co. Newark 5, N. J.										
1345	Kwality Meat & Bone Scrap 50%	Amston: Elmore Conn. Stores, Inc.	6.75	50.06	50.00	10.10	6.00	2.04	3.00	

**McMillen Feed Mills, Division of Central
Soya Co. & Subsidiaries
Fort Wayne, Ind.**

8325	Master Blend Dairy Concentrate	Guilford: Fred C. Morse & Son	9.70	35.88	33.00	2.15	1.50	6.40	9.00
530	Master Mix Calflac	Seymour: Seymour Grain & Coal Co.	10.24	16.50	17.00	1.69	2.50	0.15	0.50
8347	Master Mix Complete Calf Feed with Methio Vite	Seymour: Seymour Grain & Coal Co.	8.38	21.88	17.50	2.75	3.00	5.63	8.00
8343	Master Mix Complete Rabbit Pellets ..	Seymour: Seymour Grain & Coal Co.	7.59	17.19	15.00	2.54	2.00	11.11	16.00
8323	Master Mix 16% Dairy Feed	Guilford: Fred C. Morse & Son	9.63	18.94	16.00	2.99	2.50	6.47	9.00
8327	Master Mix Egg Lac Pellets with Methio Vite	Guilford: Fred C. Morse & Son	8.78	22.88	20.00	3.14	2.50	5.65	7.00
8345	Master Mix Egg Mash (Pelleted)	Seymour: Seymour Grain & Coal Co.	8.07	21.44	20.00	3.23	2.50	6.74	7.00
8353	Master Mix Fitting Feed	Seymour: Seymour Grain & Coal Co.	8.69	19.25	13.00	3.09	3.00	5.18	9.00
8321	Master Mix Horse Feed	Guilford: Fred C. Morse & Son	10.73	13.25	10.00	3.09	3.00	4.57	9.00
524	Master Mix Layer Concentrate	Seymour: Seymour Grain & Coal Co.	9.96	36.00	34.00	3.54	1.50	6.32	7.50
1125	Master Mix Pig-lets with Methio Vite ..	Guilford: Fred C. Morse & Son	10.70	21.38	18.00	4.49	3.50	2.48	3.50
526	Master Mix Pullet Grower with Methio Vite	Seymour: Seymour Grain & Coal Co.	10.17	19.25	18.00	3.64	2.50	5.50	7.00
1126	Master Mix Sow Concentrate with Methio Vite	Guilford: Fred C. Morse & Son	4.22	34.75	34.00	6.06	1.50	6.60	11.00
1378	Master Mix Station Gain	Colchester: L. B. Broder & Co., Inc.	10.81	16.75	15.00	2.91	4.00	5.00	7.50
8326	Master Mix Turkey Concentrate with Methio Vite	Guilford: Fred C. Morse & Son	9.12	39.38	36.00	2.29	1.50	5.81	7.00
525	Master Mix Turkey Grower with Methio Vite (Pellets)	Seymour: Seymour Grain & Coal Co.	10.70	22.50	20.00	3.29	2.50	5.81	7.00
1323	Master Mix Waylac	Seymour: Seymour Grain & Coal Co.	8.10	18.25	17.00	3.16	2.00	5.03	7.00

**Meech & Stoddard, Inc.
Middletown, Conn.**

1408	M & S Economy Dairy Feed	Middletown: Meech & Stoddard, Inc.	9.87	16.13	16.00	3.89	3.50	10.67	10.00
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Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Meech & Stoddard, Inc.—Cont. Middletown, Conn.									
1386	Red Wing Calf Starter & Grower	Middletown: Meech & Stoddard, Inc.	10.47	15.81	16.00	3.53	3.50	5.76	8.00
8462	Red Wing 15% Dairy Feed	Middletown: Meech & Stoddard, Inc.	9.26	17.19	15.00	3.73	3.80	8.40	9.00
1388	Red Wing Fitting Ration	Middletown: Meech & Stoddard, Inc.	10.76	14.25	14.00	3.81	4.00	8.46	10.00
494	Red Wing Growing Mash	Middletown: Meech & Stoddard, Inc.	11.21	17.25	17.00	3.00	3.00	8.91	8.00
1387	Red Wing Horse Feed	Middletown: Meech & Stoddard, Inc.	11.94	12.50	9.00	3.79	3.50	3.37	8.00
8463	Red Wing Laying Mash	Middletown: Meech & Stoddard, Inc.	9.15	17.06	18.00	3.14	3.20	7.92	8.00
8464	Red Wing Pig & Hog Feed	Middletown: Meech & Stoddard, Inc.	8.41	16.25	17.50	2.84	4.00	7.56	7.90
8465	Red Wing Starting Mash	Middletown: Meech & Stoddard, Inc.	9.06	20.19	18.00	3.08	3.70	7.18	5.30
1390	Red Wing Stock Feed	Middletown: Meech & Stoddard, Inc.	9.75	11.38	10.00	1.73	2.50	11.89	11.00
1405	Special Balance Growing Mash	Middletown: Meech & Stoddard, Inc.	10.49	18.38	18.00	3.44	4.00	7.67	7.50
1389	Special Balance High Antibiotic Laying Mash	Middletown: Meech & Stoddard, Inc.	10.26	17.25	17.00	3.09	3.00	5.11	7.00
495	Special Balance High Efficiency Complete Laying Mash	Middletown: Meech & Stoddard, Inc.	11.71	16.25	16.00	3.81	3.00	4.34	5.50
1406	Special Balance Laying Mash	Middletown: Meech & Stoddard, Inc.	10.99	20.56	20.00	3.40	3.50	7.46	7.50

1391	Special Balance Starting Mash	Middletown: Meech & Stoddard, Inc.	10.00	21.25	20.00	3.26	3.50	5.32	7.00
	George J. Meyer Malt & Grain Corp. Buffalo, N. Y.								
1556	Malt Sprouts	Norwich: The Yantic Grain & Products Co.	10.09	29.06	25.00	1.73	1.40	12.50	14.00
	Miller Alfalfa Co. Defiance, Ohio								
1168	Miller's Choice Brand 17% Dehydrated Alfalfa Meal	Pawcatuck: The C. W. Campbell Co.	7.79	17.31	17.00	3.54	1.50	24.99	27.00
	Miner-Hillard Milling Co. Wilkes Barre, Pa.								
8440	Choice Steam Cooked Hominy Feed ..	Long Hill: Long Hill Feed Store	8.48	10.81	10.00	5.50	5.00	4.27	5.00
1453	18% M-H Dairy Feed	Bloomfield: Bloomfield Farmers Exchange	10.81	21.69	18.00	5.14	3.50	7.16	9.50
	Minute Maid Corp. Leesburg, Fla.								
700	Golden Isle Citrus Pulp	Danbury: Big Y Feed Co.	10.32	6.94	6.00	8.64	2.75	9.69	15.00
	Molson's Brewery, Ltd. Montreal, Canada								
1555	Dried Brewer's Grains	Norwich: The Yantic Grain & Products Co.	9.26	21.75	22.00	5.71	7.00	15.00	15.00
	Montmorency Distillery, Ltd. Beaupre, Quebec, Canada								
8339	Corn Distiller's Dried Grains	Union City: Naugatuck Grain Co.	4.77 ^a	30.94	28.00	8.71	5.00	11.98	14.60
	Geo. Q. Moon & Co., Inc. Binghamton, N. Y.								
1159	Moon Complete Growing Mash (Pellets)	Botsford: Botsford Grain & Sup- ply	10.83	17.31	16.00	3.89	3.50	6.21	7.00
887	Moon Complete Laying Mash	Jewett City: Machnicki's Grain Store	10.56	15.75	16.00	3.54	3.50	7.33	7.00
989	Moon 16% Dairy Ration	Norfolk: Curtis & Collar	10.91	16.63	16.00	4.36	3.50	8.89	10.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Geo. Q. Moon & Co., Inc.—Cont.									
Binghamton, N.Y.									
1161	Moon 20% Dairy Ration	Botsford: Botsford Grain & Supply	10.71	21.06	20.00	5.59	3.50	8.40	10.00
541	Moon Developing Grains	Thomaston: The Thomaston Supply Co., Inc.	13.47	10.44	10.00	2.15	1.50	2.03	5.00
1158	Moon Growing Mash	Botsford: Botsford Grain & Supply	10.65	18.56	18.00	4.02	3.50	6.76	7.00
991	Moon Hog Feed	Norfolk: Curtis & Collar	10.37	14.88	13.00	4.23	3.00	6.74	12.00
990	Moon Horse Feed with Molasses	Norfolk: Curtis & Collar	11.32	11.44	9.00	2.90	1.50	7.20	10.00
888	Moon Laying Mash	Jewett City: Machnicki's Grain Store	10.86	20.25	20.00	3.92	3.50	7.01	7.00
1156	Moon Poultry Fitting Ration	Botsford: Botsford Grain & Supply	12.62	15.31	11.00	3.09	2.50	6.00	11.00
988	Moon Rabbit Pellets	Norfolk: Curtis & Collar	9.50	16.19	15.00	4.24	2.50	11.09	12.00
8873	Moon Scratch Feed	Old Mystic: James Baker	11.39	10.63	10.00	2.74	2.00	2.86	5.00
1160	Moon Super Growing Mash (A High Energy Mash)	Botsford: Botsford Grain & Supply	10.42	16.56	16.00	3.68	2.50	3.59	6.00
1157	Moon Super Laying Mash	Botsford: Botsford Grain & Supply	11.24	15.63	16.00	4.12	2.50	3.36	6.00
1162	Moon Turkey Grower Mash (Pellets)	Botsford: Botsford Grain & Supply	10.40	20.13	20.00	5.07	4.00	6.43	6.50
Fred C. Morse & Son									
Guilford, Conn.									
8317	Old Mill Breeder Mash	Guilford: Fred C. Morse & Son	10.18	22.75	20.00	4.01	3.50	6.51	7.50
8318	Old Mill Complete Laying Mash	Guilford: Fred C. Morse & Son	10.19	16.75	16.00	3.56	3.50	5.57	7.50
8320	Old Mill 16% Dairy Feed	Guilford: Fred C. Morse & Son	11.01	16.00	16.00	3.59	2.50	5.31	8.00
8319	Old Mill Fitting Feed	Guilford: Fred C. Morse & Son	11.63	14.50	14.00	3.56	3.00	5.02	8.00

8316	Old Mill Growing Mash	Guilford: Fred C. Morse & Son	10.72	18.13	18.00	3.90	3.50	5.44	6.50
1124	Old Mill Laying Mash	Guilford: Fred C. Morse & Son	9.94	22.06	20.00	4.66	3.50	6.56	7.50
8322	Old Mill Turkey Grower	Guilford: Fred C. Morse & Son	10.10	21.13	20.00	3.09	3.00	4.48	7.00
Mowat, Wilson & Co.									
Detroit, Mich.									
8919	Dried Beet Pulp	Jewett City: Big Y Feed Co.	8.48	9.38	7.00	0.59	0.30	18.27	22.50
9060	Dried Molasses — Beet Pulp	Danielson: United Co-Op Farmers', Inc.	6.62	10.56	7.00	0.74	0.30	16.24	20.00
Nappanee Milling Co., Inc.									
Nappanee, Ind.									
8870	Hominy Feed	Groton: The C. W. Campbell Co.	10.00	10.88	10.00	8.69	6.50	4.94	7.50
National Alfalfa Dehydrating & Milling Co.									
Lamar, Col.									
882	Jack Rabbit Dehydrated Alfalfa Leaf Granules	Jewett City: Machnicki's Grain Store	9.30	21.38	20.00	4.14	2.50	16.91	18.00
National Biscuit Co.									
Toledo, Ohio									
1566	Namico	Plantsville: C. A. Cowles, Inc. ..	12.36	15.81	14.00	3.53	3.50	6.28	9.00
National Distillers Products Corp.									
New York, N. Y.									
8546	Nadrisol Brand Corn Distillers Dried Solubles	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	9.00	27.63	25.00	6.47	5.00	3.39	4.00
National Foods, Inc.									
Indianapolis, Ind.									
8471	Pulverized Feed Oats	Middletown: Meech & Stoddard, Inc.	8.94	11.25	11.00	2.06	2.00	15.22	15.00
The Neumond Co.									
St. Louis, Mo.									
8893	Neumond's 13% Suncured Alfalfa Meal	Pawcatuck: The C. W. Campbell Co.	9.11	16.94	13.00	2.27	1.00	25.09	33.00

Analyses

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Concluded

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	
Newton Concentrates Ashby, Mass.										
1411	Newton Bovine (Super) Concentrates	Rocky Hill: Veterans' Home & Hospital	10.46	16.69	16.00	5.29	5.00	8.86	9.00	
936	Newton Bovine Sweet Super Concentrates	Middletown: Conn. State Hospital	12.82	18.75	16.00	5.59	5.00	6.16	9.00	
937	Newton Green Roughage Concentrates	Middletown: Conn. State Hospital	13.11	16.63	14.00	4.16	3.00	8.80	12.00	
1412	Newton Green Roughage Concentrates	Rocky Hill: Veterans' Home & Hospital	12.04	15.81	14.00	3.38	3.00	9.31	12.00	
Ogden Grain Co. Utica, N. Y.										
1307	Ogden "Biddy" Mash	Central Store Village: Ogden Grain	10.47	22.50	20.00	2.89	2.50	5.21	7.50	
897	Ogden Complete Starter Grower Layer Breeder	Central Store Village: Ogden Grain	12.51	17.38	16.00	4.44	2.50	5.84	7.50	
891	Ogden Fitting Ration	Central Store Village: Ogden Grain	11.96	15.13	12.00	3.14	3.00	5.85	9.00	
899	Ogden Growing Mash	Central Store Village: Ogden Grain	11.75	21.88	18.00	4.06	3.50	5.97	7.50	
1305	Ogden Hi-Energy Laying Mash	Central Store Village: Ogden Grain	10.41	18.25	15.00	3.69	3.00	3.76	4.00	
1304	Ogden Hi-Energy Starter & Broiler	Central Store Village: Ogden Grain	11.40	22.50	22.00	4.42	3.00	3.69	4.00	
1306	Ogden Laying Mash	Central Store Village: Ogden Grain	10.00	20.13	20.00	3.73	3.50	6.26	7.00	
900	Ogden Poultry & Turkey Fitting Ration	Central Store Village: Ogden Grain	13.39	10.50	10.00	3.54	3.00	3.18	8.00	
898	Ogden Rabbit Pellets	Central Store Village: Ogden Grain	12.36	16.88	16.50	3.75	3.00	9.37	13.00	

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Ogilvie Flour Mills Co., Ltd. Montreal, Canada									
810	Ogilvie Wheat Bran	Glenbrook: Frank Policastro & Sons	12.44	14.25	15.00	4.71	3.50	10.94	11.50
872	Ogilvie Wheat Shorts	Willimantic: Willimantic Grain Co.	11.86	16.63	16.00	5.10	5.00	7.32	8.00
The Park & Pollard Co., Inc. Buffalo 7, N. Y.									
1320	Claco Dairy Ration	Woodbury: C. L. Adams Co.	8.84	22.94	20.00	4.08	3.50	6.49	9.00
782	Hi-Prime Complete Turkey Grower	Waterbury: The Spencer Grain Co., Inc.	10.22	23.94	20.00	3.34	3.50	4.07	5.50
791	Hi-Prime Turkey Grower (Pellets)	Waterbury: H. S. Coe & Co., Inc.	10.54	22.38	22.00	4.31	3.50	4.89	5.50
1067	Lay or Bust All-Mash Grower	Willimantic: W. D. Grant Co.	9.57	17.38	16.00	3.59	3.50	4.93	5.00
1296	Lay or Bust All-Mash Layer	Putnam: Dayville Grain & Feed Co.	10.91	17.50	16.50	3.73	3.50	4.41	5.00
1069	Lay or Bust Broiler Finishing Mash	Willimantic: W. D. Grant Co.	9.36	21.19	18.00	3.29	3.50	4.41	4.00
8307	Lay or Bust Egg Mash	West Cheshire: Cheshire Grain & Coal Co.	9.96	21.06	20.00	3.69	3.50	4.57	5.50
790	Lay or Bust Fleshing Pellets	Waterbury: H. S. Coe & Co., Inc.	10.81	18.00	15.00	4.00	3.00	4.78	5.50
696	Lay or Bust Growing Feed	Colchester: P. Cutler, Inc.	10.90	20.81	18.00	3.58	3.50	4.72	5.50
1072	Lay or Bust Hi-Power 20% Broiler Ration	Willimantic: W. D. Grant Co.	10.61	20.44	20.00	3.79	3.00	3.49	4.00
978	Lay or Bust Hi-Valu Pellets	New Hartford: The Geo. W. Case, Inc.	10.69	17.25	12.00	3.50	3.00	5.01	6.50
794	Lay or Bust Laying Pellets	Woodbury: C. L. Adams Co.	10.71	21.13	20.00	3.90	3.50	4.72	5.50
8308	Milk Maid Bulky Sweet Dairy	West Cheshire: Cheshire Grain & Coal Co.	10.06	16.63	12.00	2.70	2.50	9.86	14.00
1066	Milk Maid Calf Starter Mix	Willimantic: W. D. Grant Co.	10.09	19.38	19.00	3.64	3.50	5.42	8.00
1382	Milk Maid Calf Starter Pellets	Colchester: P. Cutler, Inc.	8.40	24.88	22.00	3.39	4.00	5.46	7.00
8306	Milk Maid 16% Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.	10.03	18.25	16.00	4.13	3.50	6.17	10.00
959	Milk Maid 20% Dairy Ration	New Hartford: The Geo. W. Case, Inc.	10.01	20.88	20.00	4.43	3.50	6.91	10.00
1065	Milk Maid Dri-Fresh Ration	Willimantic: W. D. Grant Co.	9.86	16.38	12.00	3.54	3.00	7.23	10.00
780	Milk Maid Fitting Ration	Waterbury: The Spencer Grain Co., Inc.	11.71	15.81	14.00	3.00	3.00	7.21	9.00
795	Milk Maid Goat Feed	Woodbury: C. L. Adams Co.	11.54	17.13	16.00	4.04	3.00	6.18	9.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
The Park & Pollard Co., Inc.—Cont. Buffalo 7, N.Y.									
1294	Milk Maid Test Cow Ration	Putnam: Dayville Grain & Feed Co.	10.57	20.50	18.00	4.23	4.00	7.91	9.00
8833	Milk Maid 14% Test Ration	Glastonbury: Sharpwell Implement Service	10.31	14.00	14.00	4.19	4.00	8.61	9.00
1380	Park & Pollard Broiler Ration	Colchester: P. Cutler, Inc.	10.41	23.56	22.00	2.64	3.00	4.59	6.00
977	Park & Pollard Complete Grower	New Hartford: The Geo. W. Case, Inc.	10.50	16.19	15.00	3.89	3.00	5.21	6.00
958	Park & Pollard Complete Layer	New Hartford: The Geo. W. Case, Inc.	9.76	15.50	15.00	3.44	3.00	4.96	6.00
697	Park & Pollard Laying Mash	Colchester: P. Cutler, Inc.	10.52	21.50	20.00	3.53	3.00	5.83	6.00
796	Park & Pollard Rabbit Pellets	Southbury: C. L. Adams	10.29	18.75	14.00	3.43	2.50	8.94	12.00
1295	Red Ribbon 16% Dairy Ration	Putnam: Dayville Grain & Feed Co.	10.10	18.75	16.00	5.61	3.50	8.88	11.00
960	Red Ribbon 20% Dairy Ration	New Hartford: The Geo. W. Case, Inc.	9.24	23.25	20.00	3.69	3.50	7.98	11.00
789	Yankee Horse Feed	Waterbury: The Spencer Grain Co., Inc.	12.37	11.81	10.00	3.84	2.50	5.51	10.00
Parrish & Heimbecker, Ltd. Toronto, Canada									
8358	"Parrheim" Pure Wheat Bran	Seymour: Seymour Grain & Coal Co.	9.11	16.25	14.00	4.83	3.50	10.65	11.50
8357	"Parrheim" Pure Wheat Shorts	Seymour: Seymour Grain & Coal Co.	9.75	17.75	14.00	5.80	3.50	7.89	8.00
Pasco Packing Co. Dade City, Fla.									
1297	O-Mi-O Citrus Pulp	Putnam: Dayville Grain & Feed Co.	8.41	6.75	6.00	5.54	2.50	11.16	16.00

8442	Sugar-Sweet Citrus Meal	Long Hill: Long Hill Feed Store	7.81	6.63	6.00	2.03	2.00	13.16	13.50
8820	Sugar Sweet Citrus Pulp	East Hartford: Eastern States Farmers' Exchange, Inc.	7.66	6.50	6.00	4.00	2.50	10.34	13.50
Patent Cereals Co.									
Geneva, N. Y.									
767	Hominy Feed	Torrington: F. L. Wadhams & Sons	11.94	10.63	9.0	5.16	5.00	2.86	5.00
Penick & Ford, Ltd.									
Cedar Rapids, Iowa									
889	Corn Gluten Meal	Jewett City: Machnicki's Grain Store	7.90	40.63	41.00	3.61	1.5	3.93	6.00
1210	Douglas Corn Gluten Feed	Norwalk: The Libner Grain Co., Inc.	10.54	23.13	21.00	1.77	1.00	8.41	8.50
Pet Milk Co.									
St. Louis, Mo.									
1593	Pet Nonfat Dry Milk Solids	Vernon: Farmer's Milling Co., Inc.	5.11	36.56	32.00	0.89	0.50	0.00	0.25
Phenix Milling Co., Ltd.									
Galt, Ontario, Canada									
9270	Phenix Pure Wheat Bran	Derby: Derby Feed Store	9.60	16.13	15.00	4.85	3.50	9.29	11.50
9269	Phenix Wheat Shorts	Derby: Derby Feed Store	11.16	17.50	16.00	5.17	5.00	5.55	8.00
A. D. Pierce									
Brooklyn, Conn.									
880	Pierce Hi-Energy Mash (Pellets)	Brooklyn: A. D. Pierce	11.56	19.81	16.00	3.24	3.00	3.65	4.50
877	Pierce Laying Mash	Brooklyn: A. D. Pierce	11.17	21.88	20.00	3.09	3.00	5.43	7.50
879	Pierce Special Layer	Brooklyn: A. D. Pierce	11.31	18.38	16.00	4.56	3.00	3.81	5.00
Pillsbury Mills, Inc.									
Minneapolis, Minn.									
9268	Pillsbury's XX Daisy	Derby: Derby Feed Store	10.25	17.75	16.00	4.33	4.00	3.81	4.00
792	Pillsbury's Hard Wheat Bran with Ground Wheat Screenings	Waterbury: H. S. Coe & Co., Inc.	11.96	15.38	14.00	4.19	4.00	7.31	12.00
1075	Pillsbury's Hard Wheat Standard B. Mid- dlings with Ground Wheat Screenings	Eastford: Wm. S. Warren & Sons	10.70	18.00	15.00	5.64	4.00	7.86	9.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
R. C. Pratt & Co., Ltd. Toronto, Canada									
8899	Ruler Brand Pure Wheat Shorts	Pawcatuck: The C. W. Campbell Co.	10.97	14.56	15.00	3.99	3.50	4.27	10.50
Publicker Industries, Inc. Philadelphia, Pa.									
508	Paco Molasses Distillers Dried Solubles	Derby: Derby Feed Store	8.69	12.25	10.00	0.63	0.50	0.23	1.00
The Quaker Oats Co. Chicago, Ill.									
8330	Bell Cow Wheat Bran	Branford: S. V. Osborn, Est.	9.94	16.63	15.00	5.17	3.50	11.35	11.50
1165	Bell Cow Wheat Shorts	Pawcatuck: The C. W. Campbell Co.	11.86	21.00	16.00	6.18	4.00	6.62	8.00
1607	Ful-O-Pep Calf Ration	Manchester: Little & McKinney, Inc.	10.17	16.19	16.00	4.66	3.00	6.49	9.00
911	Ful-O-Pep Chick Starter	Wallingford: D. W. Ives	11.80	20.13	20.00	4.10	4.00	6.42	7.00
8461	Ful-O-Pep Egg Breeder Mash	Wallingford: D. W. Ives	9.25	21.25	20.00	4.35	3.50	6.59	8.00
8523	Ful-O-Pep Fitting Feed	Manchester: Little & McKinney, Inc.	8.56	16.13	14.00	3.06	3.00	7.71	10.00
1597	Ful-O-Pep Flock Ration	Manchester: Little & McKinney, Inc.	10.21	21.50	20.00	3.91	2.50	7.06	8.00
8459	Ful-O-Pep Growing Mash	Wallingford: D. W. Ives	9.35	20.81	19.00	3.79	3.50	7.06	8.00
8816	Ful-O-Pep Horse Feed	Hartford: Hartford Poultry Supply	11.30	11.88	12.00	4.04	3.00	7.20	11.00
8460	Ful-O-Pep Laying Mash	Wallingford: D. W. Ives	9.85	20.69	20.00	3.33	3.00	6.38	8.00
1608	Ful-O-Pep Pork Ration (A Complete Hog Feed)	Manchester: Little & McKinney, Inc.	9.60	15.63	14.00	3.91	2.5	7.63	8.00
912	Ful-O-Pep Rabbit Ration	Wallingford: D. W. Ives	11.10	15.88	15.00	3.48	2.5	9.03	18.00
609	Ful-O-Pep Super Greens (Pellets)	New Britain: C. W. Lines Co.	10.58	19.69	19.00	5.64	4.00	5.82	8.00

1604	Ful-O-Pep Turkey Finisher Pellets	Manchester: Little & McKinney, Inc.	9.17	16.81	15.00	4.14	3.00	5.31	9.00
8524	Ful-O-Pep 26% Turkey Grower	Manchester: Little & McKinney, Inc.	8.16	27.25	26.00	3.54	3.00	6.87	8.00
1211	Muffets Shredded Wheat Feed	Norwalk: The Libner Grain Co., Inc.	8.16	10.56	10.00	1.54	1.50	2.68	3.00
8470	Peterborough Oat Huller Feed	Middletown: Meech & Stoddard, Inc.	6.96	3.13	2.50	0.65	1.00	31.28	34.00
610	Quaker Sugared Schumacher Feed	New Britain: C. W. Lines Co.	10.05	12.19	12.00	3.27	2.50	11.16	12.00
Quality Alfalfa Products, Inc.									
Bowling Green, Ohio									
505	Green Gold Brand Dehydrated Alfalfa Meal	Derby: Derby Feed Store	8.50	17.00	17.00	2.91	1.50	20.66	27.00
511	Green Gold Brand Dehydrated Alfalfa Meal	Shelton: Wolf Savitsky & Sons, Inc.	8.52	16.88	17.00	2.49	1.50	26.65	27.00
513	Green Gold Brand Dehydrated Alfalfa Meal	Shelton: Wolf Savitsky & Sons, Inc.	7.76	17.25	17.00	2.54	1.50	23.56	27.00
Ralston-Purina Co.									
St. Louis, Mo.									
1628	Corn & Oat Provender	Norwich: Checkerboard Feed Store	11.50	11.13	10.00	4.09	3.50	4.69	10.00
8864	Northeastern Scratch Feed	New London: New London Grain Co.	11.24	9.88	9.00	2.07	2.00	2.84	5.00
1146	41% Protein Cottonseed Meal	New Milford: Checkerboard Feed Store	11.12	42.44	41.00	1.77	5.00	8.75	13.00
8821	Purina B & M Cow Chow	Glastonbury: Melzen Grain Co.	12.14	16.38	16.00	3.19	3.50	5.62	10.00
1144	Purina Beef Chow (Pellets)	New Milford: Checkerboard Feed Store	9.29	32.00	32.00	1.63	2.50	5.76	8.00
8362	Purina Breeder Lay Chow E	Ansonia: A. Hodos & Sons, Inc.	8.26	25.81	22.00	4.20	2.50	3.84	5.50
1134	Purina Breeder Layena (Complete Ration) E	New Milford: Checkerboard Feed Store	11.79	17.75	16.00	3.96	2.50	3.36	5.00
1062	Purina Bulky Las	Willimantic: Checkerboard Feed Store	9.78	11.75	10.00	2.71	1.50	10.98	15.00
1061	Purina Calf Startena E	Willimantic: Checkerboard Feed Store	9.56	21.44	19.50	3.00	2.50	7.14	9.50
793	Purina Chick Chow (Coarse)	Oakville: Franco-American Coal & Oil Co.	12.85	10.00	9.00	4.36	2.00	1.59	4.00
8814	Purina Chick Chow (Fine)	Hartford: Hartford Poultry Supply	10.92	10.88	10.00	2.87	2.00	1.62	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Ralston-Purina Co.—Cont.									
St. Louis, Mo.									
8363	Purina Chick Growena E	Ansonia: A. Hodos & Sons, Inc.	8.86	19.25	17.00	3.53/	3.00	4.67	7.00
8914	Purina Chick Growing Chow E	Norwich: Checkerboard Feed Store	9.18	23.94	23.00	4.19	3.50	5.60	8.00
1139	Purina Complete Sow & Pig Chow E (Pellets)	New Milford: Checkerboard Feed Store	11.72	17.81	16.00	2.50	2.50	4.25	6.00
8915	Purina Cow Chow 14%	Norwich: Checkerboard Feed Store	11.63	15.38	14.00	3.43	3.00	5.30	10.00
8863	Purina Cow Chow 16%	New London: New London Grain Co.	9.39	16.00	16.00	3.17	3.00	5.33	10.00
8838	Purina Cow Chow 18%	Deep River: Deep River Farm Supply	11.09	18.31	18.00	2.52	3.00	6.02	10.00
7781	Purina Cow Chow Concentrate	New Milford: Checkerboard Feed Store	7.16	36.00	32.00	3.25	1.50	5.46	9.00
7778	Purina Cow Chow Supplement	New Milford: Checkerboard Feed Store	8.13	26.25	24.00	3.23	2.50	6.75	11.00
818	Purina D & F Chow E	New Canaan: Clapboard Hill Feed Co., Inc.	12.96	13.88	12.50	3.66	2.00	6.78	12.00
1064	Purina Dairy Chow 14%	Willimantic: Checkerboard Feed Store	9.75	17.44	14.00	3.28	2.50	10.48	15.00
1058	Purina Dairy Chow 16%	Willimantic: Checkerboard Feed Store	9.79	17.50	16.00	2.98	2.50	9.21	15.00
814	Purina Duck Growena E (Pellets)	New Canaan: Clapboard Hill Feed Co., Inc.	11.64	19.44	18.00	3.50	3.00	3.50	7.00
1143	Purina Duck Startena E (Pellets)	New Milford: Checkerboard Feed Store	10.17	21.25	20.00	4.76	3.00	3.61	6.50
1140	Purina Flock Chow E	New Milford: Checkerboard Feed Store	10.95	19.88	18.00	3.44	2.50	5.22	7.00
1137	Purina Fox Chow	New Milford: Checkerboard Feed Store	10.61	24.88	20.00	5.41	3.00	4.06	6.00

1138	Purina Fox Chow (Without Meat Meal)	New Milford: Checkerboard Feed Store	10.84	18.25	14.00	3.23	2.50	4.41	6.00
817	Purina Gamebird Breeder Layena (Complete Ration) E	New Canaan: Clapboard Hill Feed Co., Inc.	11.57	20.56	16.50	4.59	3.00	5.30	8.00
1141	Purina Gamebird Growena E	New Milford: Checkerboard Feed Store	10.82	20.75	20.00	3.29	3.00	4.86	7.00
8503	Purina Goat Chow E	Forestville: Rudolf Heyne	8.16	16.81	16.00	3.29	3.00	6.22	10.00
8364	Purina Hen Chow	Ansonia: A. Hodos & Sons, Inc.	11.03	9.88	9.00	2.00	2.00	2.23	5.00
815	Purina Hog Fatena E	New Canaan: Clapboard Hill Feed Co., Inc.	11.92	15.50	14.00	4.02	2.50	4.58	7.00
8828	Purina Lay Chow E	Glastonbury: Melzen Grain Co.	10.52	23.25	22.00	4.00	2.50	4.33	5.50
8361	Purina Layena (Complete Ration) E	Ansonia: A. Hodos & Sons, Inc.	9.50	17.75	16.00	3.88	2.50	3.10	5.00
1135	Purina Milk Chow 16%	New Milford: Checkerboard Feed Store	11.67	18.13	16.00	3.03	3.00	6.85	10.00
1060	Purina Mink Chow	Willimantic: Checkerboard Feed Store	9.67	23.19	20.00	3.94	2.00	2.82	5.00
1059	Purina Nursing Chow	Willimantic: Checkerboard Feed Store	7.40	26.44	25.00	1.74	2.50	0.13	3.00
8916	Purina Omolene	Norwich: Checkerboard Feed Store	11.34	11.44	10.00	3.48	3.00	7.44	11.00
1142	Purina Pig Startena E (Pellets)	New Milford: Checkerboard Feed Store	10.31	18.75	18.00	3.91	3.00	4.64	6.00
1136	Purina Poultry Booster Chow E (Pellets)	New Milford: Checkerboard Feed Store	11.19	25.13	24.00	3.73	2.50	5.27	8.00
715	Purina Rabbit Chow Checkers (20%)	Bethel: Marble & Risser	10.06	22.25	20.00	2.14	2.00	15.11	16.00
8808	Purina Rabbit Chow Checkers (Complete Ration) E	Windsor: Robbins Grain & Hardware, Inc.	9.34	16.94	15.00	3.38	2.00	13.15	18.00
1145	Purina Range Checkers E	New Milford: Checkerboard Feed Store	9.82	21.94	20.00	2.64	2.00	7.00	10.00
1629	Purina Roaster Chow E	Norwich: Checkerboard Feed Store	9.91	21.38	17.00	4.26	2.50	4.61	6.50
8502	Purina Turkey Breeder Layena E	Forestville: Rudolf Heyne	8.24	17.94	16.50	3.86	3.00	4.19	8.00
816	Purina Turkey Fatena E (Pellets)	New Canaan: Clapboard Hill Feed Co., Inc.	10.57	18.94	15.50	5.11	2.5	4.84	8.00
8836	Purina Turkey Growena E (Checker-Etts)	Deep River: Deep River Farm Supply	9.75	20.31	20.00	4.27	3.00	5.02	7.00
8837	Purina Turkey Startena E	Deep River: Deep River Farm Supply	9.84	30.38	28.00	3.50	2.50	5.74	7.00
1082	Wheat Standard Middlings	Cornwall Bridge: R. W. Sandmeyer	10.21	16.25	15.00	6.16	4.00	7.95	9.50

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9287	Wolf's Growing Mash	Newtown: Newtown Farm Supply Co.	10.34	20.94	20.00	3.91	3.00	4.24	5.50
9292	Wolf's Horse Feed	Shelton: Wolf Savitsky & Sons, Inc.	11.12	14.38	10.00	3.38	3.00	6.86	12.00
9291	Wolf's Perfor Mo-Las	Shelton: Wolf Savitsky & Sons, Inc.	10.00	12.50	10.00	3.99	2.00	10.98	16.00
1153	Wolf's Pig & Hog Feed	Newtown: Newtown Farm Supply Co.	12.44	18.31	16.00	4.84	3.00	4.21	6.00
1328	Wolf's Stock Feed	Shelton: Wolf Savitsky & Sons, Inc.	8.39	12.19	10.00	3.93	2.50	15.27	15.00
9288	Wolf's Sweetened 14% Dairy Ration ..	Newtown: Newtown Farm Supply Co.	10.17	14.00	14.00	3.28	3.00	7.75	9.00
9293	Wolf's Sweetened 16% Dairy Ration ..	Shelton: Wolf Savitsky & Sons, Inc.	10.33	17.63	16.00	3.68	3.00	8.03	10.00
1147	Wolf's Sweetened 18% Dairy Ration ..	Newtown: Newtown Farm Supply Co.	11.20	19.31	18.00	3.34	3.00	7.10	9.00
1339	Wolf's Sweetened 20% Dairy Ration ..	Shelton: Wolf Savitsky & Sons, Inc.	9.22	22.06	20.00	3.94	3.00	7.34	9.00
Schoeneck Farms, Inc.									
Nazareth, Pa.									
512	Schoeneck 17% Super-Green Dehydrated Alfalfa Meal	Shelton: Wolf Savitsky & Sons, Inc.	8.22	19.44	17.00	3.44	2.00	24.51	27.00
Sea Board Supply Co.									
Philadelphia 46, Pa.									
1414	Crab Meal	Watertown: The Watertown Co-Op. Assoc., Inc.	7.89	31.13	31.00	2.57	1.00	10.65	11.00
1586	Crab Meal	Thomaston: The Thomaston Supply Co., Inc.	7.25	32.63	31.00	1.19	1.00	10.80	11.00
Joseph E. Seagram & Sons, Inc.									
Louisville, Ky.									
518	Seagram's Corn Distiller Dried Grains	Bridgeport: Brooklawn Grain & Feed Co.	8.68	26.50	25.00	10.77	8.00	6.94	11.00
Seymour Grain & Coal Co.									
Seymour, Conn.									
532	Miracle Dairy 16%	Seymour: Seymour Grain & Coal Co.	11.32	17.13	16.00	4.36	2.50	6.34	8.00
8355	Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.	8.98	13.94	14.00	4.50	3.00	7.60	8.00
1325	Miracle Grower	Seymour: Seymour Grain & Coal Co.	8.92	21.56	19.00	4.66	3.00	6.71	8.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moist- ure	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Seymour Grain & Coal Co.—Cont.									
Seymour, Conn.									
8346	Miracle Hi Energy-Starter & Broiler Ration	Seymour: Seymour Grain & Coal Co.	8.98	21.00	20.00	3.37	3.00	3.53	4.50
8354	Miracle Mash	Seymour: Seymour Grain & Coal Co.	9.06	21.44	20.00	4.32	3.00	5.87	8.00
8344	Miracle Scratch Feed	Seymour: Seymour Grain & Coal Co.	10.87	9.88	10.00	3.29	2.50	3.15	6.00
1322	New England Mash	Seymour: Seymour Grain & Coal Co.	9.27	21.00	18.00	4.42	3.00	6.91	8.00
531	See-More Milk Dairy Ration 18%	Seymour: Seymour Grain & Coal Co.	10.97	18.13	18.00	3.69	3.00	8.14	9.50
1321	See-More Milk Dairy Ration 20%	Seymour: Seymour Grain & Coal Co.	8.94	20.75	20.00	4.09	3.00	7.26	9.50
A. E. Shedd Co.									
Norwich, Conn.									
1625	Shedd's Dairy Ration	Norwich: A. E. Shedd Co.	10.45	17.13	16.00	4.88	3.00	8.66	13.00
1627	Shedd's Fitting Ration	Norwich: A. E. Shedd Co.	10.46	14.88	12.00	4.14	3.00	8.26	13.00
Sherwin-Williams Co.									
Cleveland, Ohio									
8894	Sherwin-Williams 34% Linseed Oil Meal	Pawcatuck: The C. W. Campbell Co.	10.41	36.38	34.00	3.68	3.50	7.66	9.50
Sherwood Feed Mills, Inc.									
Baltimore, Md.									
8414	Brewer's Dried Grains	Bridgeport: Brooklawn Grain & Feed Co.	6.66	27.56	24.00	5.20	6.00	12.80	15.00

		J. Howard Smith, Inc. Port Monmouth, N. J.								
1175	Smith's Lifeline Brand Fish Meal	Pawcatuck: The C. W. Campbell Co.	8.24	62.19	60.00	5.24	5.00	0.20	3.00	
		The Smith Meal Co., Inc. Amagansett, N. Y.								
1344	Smith's Life Line Fish Meal	Shelton: Wolf Savitsky & Sons, Inc.	5.54	66.00	55.00	6.34	5.00	0.22	3.00	
		South Windsor Grain Co. South Windsor, Conn.								
939	Valley Laying Mash	South Windsor: South Windsor Grain Co.	11.69	21.13	20.00	3.31	4.00	7.38	8.50	
		Southern Fruit Distributors, Inc. Orlando, Fla.								
934	Bluebird Citrus Pulp	Portland: Anderson Farm Supply, Inc.	10.91	7.56	6.00	3.64	3.50	12.51	17.00	
		A. E. Staley Mfg. Co. Decatur, Ill.								
574	"Staley's" 21% Corn Gluten Feed	Plantsville: C. A. Cowles, Inc.	9.73	23.63	21.00	2.14	1.50	6.35	8.00	
867	Staley's Corn Gluten Meal	Manchester: Central Conn. Co-Op Farmers' Assoc., Inc.	10.32	42.38	41.00	3.69	1.00	1.56	6.00	
8897	Staley's 44% Protein Solvent Extracted Soybean Oil Meal	Pawcatuck: The C. W. Campbell Co.	10.00	46.88	44.00	1.22	0.50	5.96	7.00	
		D. A. Stickell & Sons, Inc. Hagerstown, Md.								
690	Su-Pur Rabbit Pellets	Colchester: P. Cutler, Inc.	11.01	17.94	17.00	4.34	3.00	7.36	10.00	
		Stock-Gro, Inc. Chicago, Ill.								
1068	Simmon's Stock-Mix	Willimantic: W. D. Grant Co.	10.31	31.00	32.00	1.10	1.60	3.87	3.70	
		Suni Citrus Products Co. Haines City, Fla.								
8409	Sweet Suni-Citrus Pulp	Bridgeport: Savitt Grain Exchange	6.12	6.75	6.00	5.70	5.00	12.28	15.00	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	
Sunny Slope Farms, Inc. Nazareth, Pa.										
1128	Sunny Slope Farms Dehydrated Alfalfa Meal	Guilford: Fred C. Morse & Son	7.60	20.88	17.00	2.68	2.00	21.43	27.00	
Sweetall Mfg. Co. Williamstown, N. Y.										
1454	Sweet Colass	Bloomfield: Bloomfield Farmers' Exchange	14.24	11.69	9.00	3.66	2.00	9.46	12.50	
Swift & Co. Chicago, Ill.										
507	Swift 44% Protein Solvent Extracted Soybean Oil Meal	Derby: Derby Feed Store	11.71	48.38	44.00	0.93	0.50	4.62	7.00	
The Thomaston Supply Co., Inc. Thomaston, Conn.										
1585	Thomaston Dairy Ration	Thomaston: The Thomaston Supply Co., Inc.	10.71	20.44	18.00	4.24	4.00	6.30	9.00	
9245	Thomaston 16 Dairy Ration	Thomaston: The Thomaston Supply Co., Inc.	9.66	17.63	16.00	4.18	4.00	7.22	9.00	
1584	Thomaston Dry Stock Feed	Thomaston: The Thomaston Supply Co., Inc.	11.16	16.56	12.00	3.59	3.00	6.96	9.00	
9243	Thomaston Egg Mash	Thomaston: The Thomaston Supply Co., Inc.	8.71	21.88	20.00	5.19	4.00	5.74	8.00	
540	Thomaston Growing Mash	Thomaston: The Thomaston Supply Co., Inc.	11.01	20.38	20.00	5.11	3.50	6.32	6.00	
9244	Thomaston Starter & Broiler Mash	Thomaston: The Thomaston Supply Co., Inc.	9.46	21.63	20.00	3.58	4.00	3.63	4.50	

Trico Feed Mills Minden, Neb.										
842	Dehydrated Alfalfa Meal 17% Protein	South Coventry: E. W. Latimer	8.26	20.69	17.00	3.44	1.50	20.67	27.00	
United Co-Operative Farmers', Inc. Fitchburg, Mass.										
9043	UCF All Mash Grower & Layer	Moosup: United Co-Op Farmers', Inc.	10.77	16.31	15.50	4.37	2.50	3.42	5.00	
9045	UCF Breeder	Moosup: United Co-Op Farmers', Inc.	10.50	22.06	20.00	4.04	2.50	3.94	5.00	
9059	UCF Broiler Mash	Danielson: United Co-Op Farmers', Inc.	10.81	20.56	20.00	4.00	2.50	3.37	4.00	
9065	UCF Calf Meal	Danielson: United Co-Op Farmers', Inc.	7.65	31.44	25.00	1.43	1.00	0.85	2.00	
1300	UCF Calf Starter	Danielson: United Co-Op Farmers', Inc.	11.19	20.25	20.00	4.11	3.00	3.47	6.00	
901	UCF 16% Dairy	Moosup: United Co-Op Farmers', Inc.	11.46	17.13	16.00	4.36	3.50	6.52	9.00	
9042	UCF Fitting Ration	Moosup: United Co-Op Farmers', Inc.	10.27	16.25	14.00	3.93	3.00	7.00	9.00	
9044	UCF Grower	Moosup: United Co-Op Farmers', Inc.	10.22	21.75	20.00	3.77	2.50	3.89	5.50	
1301	UCF Horse Feed	Danielson: United Co-Op Farmers', Inc.	11.35	13.38	9.00	3.34	3.00	4.04	9.00	
9062	UCF Layer	Danielson: United Co-Op Farmers', Inc.	10.41	22.88	20.00	4.52	2.50	4.24	5.00	
9058	UCF Milkmaker	Danielson: United Co-Op Farmers', Inc.	10.51	18.75	18.00	3.94	3.50	7.93	9.00	
9046	UCF Pig & Hog Feed	Moosup: United Co-Op Farmers', Inc.	9.76	21.63	20.00	3.78	3.00	5.58	7.00	
9061	UCF Poultry Fattening Ration (Pelleted)	Danielson: United Co-Op Farmers', Inc.	10.86	16.75	15.00	3.73	3.50	4.61	6.00	
9064	UCF Stock Feed	Danielson: United Co-Op Farmers', Inc.	9.84	10.38	9.00	4.09	3.00	12.02	15.00	
9063	UCF Super Starter	Danielson: United Co-Op Farmers', Inc.	10.71	22.06	20.00	4.07	2.50	3.70	4.00	
1299	UCF Turkey Grower & Fattener	Danielson: United Co-Op Farmers', Inc.	10.16	20.75	20.00	4.34	3.00	3.58	6.00	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	
Unity Feeds, Inc. Boston, Mass.										
860	Middlings	West Willington: Hansen's Store	12.89	17.69	15.00	5.65	3.00	7.59	9.50	
8403	Paycheck 18%	Fairfield: Fairfield Grain & Seed Co.	8.82	19.25	18.00	3.69	3.50	9.24	11.00	
1283	Unity Breeder Mash	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	9.84	21.88	20.00	3.49	3.00	5.06	6.00	
850	Unity Complete Growing Mash (Pellets)	West Willington: Hansen's Store	10.71	18.06	15.00	4.72	3.00	4.20	7.00	
851	Unity Complete Rabbit Pellets	West Willington: Hansen's Store	10.60	19.13	16.00	4.76	3.00	6.96	20.00	
9047	Unity 16% Dairy Ration	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	9.17	18.13	16.00	4.63	3.50	7.97	9.00	
1282	Unity 18% Dairy Ration	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	10.89	21.31	18.00	4.01	3.50	6.21	9.00	
854	Unity 20% Dairy Ration	West Willington: Hansen's Store	13.16	24.25	20.00	4.15	3.50	7.47	9.00	
1266	Unity Dairy & Fitting Ration	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	12.23	14.94	14.00	4.42	3.50	7.37	8.00	
1213	Unity Growing Mash	Fairfield: Fairfield Grain & Seed Co.	9.57	20.31	18.00	4.84	3.00	5.86	7.00	
9050	Unity High Energy Breeder Mash	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	10.79	19.38	16.00	3.94	3.00	3.58	4.00	
1277	Unity High Energy Laying Mash (Pellets)	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	10.11	19.25	15.00	5.11	3.00	3.72	4.50	
1254	Unity Horse Feed	Fairfield: Fairfield Grain & Seed Co.	13.51	10.50	10.00	4.21	3.00	5.61	9.00	
8901	Unity Improved Calf Ration	Pawcatuck: The C. W. Campbell Co.	11.13	23.38	20.00	2.89	3.50	4.92	6.00	
8405	Unity Laying Mash	Fairfield: Fairfield Grain & Seed Co.	9.02	22.81	20.00	3.23	3.00	6.03	7.00	
1590	Unity Milk Replacer	West Willington: Hansen's Store	6.61	32.75	32.00	2.74	2.50	1.57	4.50	

9048	Unity Pig & Hog Ration	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	10.41	19.38	17.00	3.62	3.00	4.83	6.00
9049	Unity Poultry Fitting Ration	Putnam: Putnam Farmers' Co-Op. Assn., Inc.	12.30	13.88	12.00	3.03	3.00	5.25	8.00
8406	Unity Scratch Feed	Fairfield: Fairfield Grain & Seed Co.	10.52	11.06	9.00	3.13	2.50	3.65	5.00
849	Unity Tri-Way Mash	West Willington: Hansen's Store	12.01	18.38	20.00	4.99	3.00	4.46	6.00
1255	Unity Turkey & Game Bird Breeder Mash (Pellets)	Fairfield: Fairfield Grain & Seed Co.	10.34	24.94	24.00	3.34	3.00	4.96	6.00
940	Unity Turkey & Game Bird Growing Mash (Pellets)	South Windsor: South Windsor Grain Co.	11.76	21.38	20.00	3.59	3.00	4.59	5.00
1212	Unity Turkey & Game Bird Super Ration	Fairfield: Fairfield Grain & Seed Co.	9.96	29.69	28.00	3.73	3.00	4.86	4.00
1589	Unity Turkey Finishing Pellets	West Willington: Hansen's Store	10.44	16.63	16.00	3.88	3.00	5.19	7.00
Valier & Spies Milling Co.									
St. Louis, Mo.									
8297	Valier's Wheat Bran	New Haven: Westville Grain Co.	10.89	17.56	14.50	5.00	3.50	7.65	10.50
Victory Mills, Ltd.									
Toronto, Canada									
8527	Veeline Soybean Oil Meal (Hi Protein)	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	8.41	48.75	44.00	1.09	0.50	5.00	7.00
Virginia Carolina Chemical Corp.									
Taftville, Conn.									
1176	Gluten Protein Feed	Pawcatuck: C. W. Campbell Co.	9.44	63.25	63.00	2.21	2.00	1.39	1.50
Hiram Walker & Sons, Ltd.									
Walkerville, Ontario, Canada									
1163	Corn Distillers' Dried Grains Solubles	Pawcatuck: C. W. Campbell Co.	8.65	26.63	24.00	8.31	8.00	7.51	13.00
1558	Walker's Stimuflav Corn Distillers' Dried Solubles	Norwich: The Yantic Grain & Products Co.	7.15	24.13	25.00	2.33	4.00	1.60	1.50
The Watertown Co-Op. Assoc., Inc.									
Watertown, Conn.									
538	Storrs Formula Calf Ration	Watertown: Watertown Co-Op. Assoc., Inc.	11.81	16.88	14.00	4.66	4.00	5.97	9.00
1416	Storrs 16% Pasture Ration	Watertown: Watertown Co-Op. Assoc., Inc.	10.74	18.44	16.00	5.39	4.00	5.76	9.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moist-ure	Protein (N x 6.25)		Fat		Fiber		
				Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than	
The Watertown Co-Op. Assoc., Inc.—Cont.										
Watertown, Conn.										
534	Watertown Co-Op. Broiler Mash	Watertown: Watertown Co-Op. Assoc., Inc.	11.72	23.25	20.00	4.01	4.00	3.34	5.00	
1415	Watertown Co-Op. Growing Mash	Watertown: Watertown Co-Op. Assoc., Inc.	9.94	20.81	18.00	5.26	4.00	6.63	7.00	
535	Watertown Co-Op. Starter Mash	Watertown: Watertown Co-Op. Assoc., Inc.	11.31	21.88	20.00	4.08	4.00	3.59	5.00	
536	Watertown Co-Op. Turkey Growing Mash	Watertown: Watertown Co-Op. Assoc., Inc.	10.38	25.94	21.00	5.19	4.00	6.25	8.00	
1417	Watertown Laying Mash	Watertown: Watertown Co-Op. Assoc., Inc.	10.59	23.06	20.00	4.96	4.00	5.81	7.00	
H. K. Webster & Co.										
Lawrence, Mass.										
1095	Blue Seal Calf Starter	Canaan: Community Service, Inc.	10.11	20.50	19.00	4.08	3.50	7.15	7.50	
682	Blue Seal Chick Feed	Colchester: Einhorn's Grain Store	13.39	12.38	10.00	2.33	2.50	1.56	4.00	
8921	Blue Seal Coarse "16" Dairy Ration	Jewett City: Jewett City Farmers' Co-Op.	9.86	18.00	16.00	4.79	3.50	8.70	9.00	
600	Blue Seal Coarse "20" Dairy Ration	Meriden: Reliable Grain & Feed Store	11.06	21.69	20.00	3.50	3.50	7.20	9.00	
8922	Blue Seal Economizer "16" Dairy Ration	Jewett City: Jewett City Farmers' Co-Op.	9.70	18.13	16.00	3.59	2.50	11.18	15.00	
8401	Blue Seal Egg Mash	Fairfield: Brookside Feed Co.	8.42	23.56	20.00	3.64	3.50	6.58	7.00	
8815	Blue Seal Fattening Pellets	Hartford: Hartford Poultry Supply	9.54	16.44	14.00	4.65	3.50	5.46	5.50	
599	Blue Seal Fine "16" Dairy Ration	Meriden: Reliable Grain & Feed Store	11.30	19.00	16.00	4.98	3.50	7.01	9.00	
702	Blue Seal Fine "20" Dairy Ration	Danbury: Barnum's Feed Store	10.67	22.06	20.00	3.56	3.50	7.40	9.00	

8920	Blue Seal Fitting Ration with Vitamin D Yeast	Jewett City: Jewett City Farmers' Co-Op.	10.64	16.38	14.00	3.75	3.50	8.15	9.00
1471	Blue Seal Goat Feed	Unionville: Lawton-Miner Co.	11.72	20.63	16.00	3.72	3.50	7.17	9.00
615	Blue Seal Growing Mash	Colchester: Einhorn's Grain Store	11.14	20.06	18.00	3.83	3.50	5.76	7.00
601	Blue Seal Horse Feed	Meriden: Reliable Grain & Feed Store	13.10	13.63	10.00	3.14	3.00	4.69	9.00
729	Blue Seal Pig Feed	Torrington: Stephen Salus Feed Store	11.10	16.25	15.00	4.83	3.00	5.09	6.00
878	Blue Seal Poultry & Turkey Fitting	Brooklyn: A. D. Pierce	8.61	13.52	12.00	2.43	2.50	3.92	6.00
8928	Blue Seal Rabbit Pellets	Branford: S. V. Osborn, Est.	9.89	21.38	20.00	3.64	3.00	8.18	12.00
1384	Blue Seal Standard "16" Dairy Ration	Colchester: Einhorn's Grain Store	9.75	17.88	16.00	3.21	3.00	8.05	9.00
844	Blue Seal Succulent & Calving Ration	South Coventry: E. W. Latimer	10.21	14.88	12.00	3.66	2.00	12.76	16.00
8402	Blue Seal Super All Mash Egg Ration (Pellets)	Fairfield: Brookside Feed Co.	9.41	18.75	16.00	3.80	3.00	3.74	4.00
1203	Blue Seal Super All Mash Growing Ration (Pellets)	South Norwalk: The Roodner Feed Co., Inc.	9.92	18.75	16.00	3.69	3.00	3.56	4.00
881	Blue Seal Super Mash	Brooklyn: A. D. Pierce	10.80	21.44	20.00	4.34	3.50	3.67	4.00
616	Blue Seal Super Starter & Broiler	Colchester: Einhorn's Grain Store	16.58	20.19	20.00	3.98	3.00	3.11	4.00
8874	Blue Seal Test Ration	Old Mystic: James Baker	9.50	19.44	18.00	3.53	3.50	6.75	9.00
1083	Blue Seal Turkey Growing (Pellets)	Canaan: Community Service, Inc.	10.00	23.56	20.00	4.44	3.50	6.39	7.00
West-Nesbitt, Inc. Oneonta, New York									
9263	All Pure Milk Ration	Bristol: Farmers Feed & Supply Co.	8.89	22.06	20.00	3.35	3.50	6.61	10.00
1479	Pure Feed Calf Meal	Bristol: Farmers Feed & Supply Co.	11.36	22.88	22.00	4.11	3.50	6.41	8.00
1478	Pure Feed Chick Grains	Bristol: Farmers Feed & Supply Co.	13.11	10.00	9.00	3.69	2.50	1.52	3.00
9264	Pure Feed Complete Rabbit Pellets	Bristol: Farmers Feed & Supply Co.	9.24	17.38	16.00	3.32	3.00	11.77	15.00
1472	Pure Feed Dairy Ration	Bristol: Farmers Feed & Supply Co.	10.60	21.56	20.00	2.74	3.50	7.51	10.00
1473	Pure Feed 16% Dairy Ration	Bristol: Farmers Feed & Supply Co.	12.11	17.31	16.00	3.73	3.50	7.86	10.00
9265	Pure Feed Dairy Test Ration	Bristol: Farmers Feed & Supply Co.	9.71	20.13	18.00	3.74	3.50	6.69	8.50
596	Pure Feed Egg & Breeder Mash	Southington: Louis Perillo Coal Co.	11.46	22.06	20.00	3.99	3.00	5.38	7.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
West-Nesbitt, Inc.—Cont. Oneonta, New York									
9266	Pure Feed Egg Maker	Bristol: Farmers Feed & Supply Co.	9.34	22.69	20.00	4.24	3.00	6.78	7.50
598	Pure Feed 14% Fitting Ration	Southington: Louis Perillo Coal Co.	10.82	15.06	14.00	3.69	3.50	6.51	8.50
597	Pure Feed Growing Mash	Southington: Louis Perillo Coal Co.	11.47	20.50	18.00	4.71	3.00	4.81	7.00
1477	Pure Feed High Energy Layer	Bristol: Farmers Feed & Supply Co.	11.57	17.75	16.00	4.79	3.00	4.61	5.00
9262	Pure Feed Horse Ration	Bristol: Farmers Feed & Supply Co.	10.62	12.31	9.00	3.06	3.00	7.88	11.00
1474	Pure Feed Sweet "20"	Bristol: Farmers Feed & Supply Co.	11.88	23.25	20.00	4.01	3.50	8.37	10.00
848	Pure Feed Swine Ration	Mansfield: G. Merritt Thompson	10.50	18.38	16.00	4.23	3.00	6.31	8.00
1476	Pure Feed Turkey Finisher (Pellets) ...	Bristol: Farmers Feed & Supply Co.	12.88	18.94	16.00	3.64	3.00	4.41	7.00
1475	Pure Feed Turkey Grower (Pellets) ...	Bristol: Farmers Feed & Supply Co.	12.14	20.38	20.00	3.73	3.00	5.87	7.00
Western Condensing Co. Appleton, Wis.									
864	Peebles M-N-C	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	10.01	14.25	14.00	0.84	1.00	0.15	.....
A. C. Wetherell Suffield, Conn.									
946	Special Dairy Mixture No. 3	Suffield: A. C. Wetherell	10.66	17.13	16.00	3.29	3.50	6.32	9.00

Whitmoyer Laboratories, Inc.
Myerstown, Pa.

8437	Clo-Meal	Bridgeport: Brooklawn Grain & Feed Co.	6.71	43.75	40.00	15.35	10.00	1.36	3.75
885	Flav-A-Dee	Jewett City: Machnicki's Grain Store	11.06	28.00	26.00	12.59	14.00	5.43	9.00
1592	Whitmoyer Quality 57% Fish Meal	Vernon: Farmers' Milling Co., Inc.	8.71	59.56	57.00	10.41	5.00	0.26	2.00

Wilkins Rogers Milling Co., Inc.
Washington, D. C.

8810	Washington Coarse Scratch Feed	Hartford: D. Rudin, Inc.	11.54	10.38	10.00	3.17	2.50	2.38	4.00
8809	Washington Laying Mash	Hartford: D. Rudin, Inc.	9.68	21.63	20.00	4.17	3.00	5.99	8.00

The Yantic Grain & Products Co.
Norwich, Conn.

8341	Big Y All-In-All Egg Ration	Union City: Naugatuck Grain Co.	8.31	17.00	15.00	4.00	3.00	6.42	7.00
8300	Big Y All-In-All Growing Ration	Mt. Carmel: Hamden Grain Co.	10.15	18.13	16.00	3.84	3.00	6.11	7.00
1482	Big Y Breeder Mash	Norwich: The Yantic Grain & Products Co.	11.01	21.44	20.00	3.19	3.00	5.91	7.00
956	Big Y Calf Starter & Builder	Torrington: Big Y Feed Co.	10.52	23.38	17.50	3.09	2.50	4.85	7.50
1551	Big Y Calving Ration	Norwich: The Yantic Grain & Products Co.	11.50	16.88	14.00	4.44	3.50	10.00	11.00
957	Big Y Confinement Growing Mash	Torrington: Big Y Feed Co.	10.81	18.00	15.00	4.52	3.00	4.11	5.00
8923	Big Y Dairy & Fitting Ration	Packer: Packer Grain Co.	10.36	15.50	14.00	3.90	3.50	7.30	9.00
8340	Big Y Dairy & Fitting Ration	Union City: Naugatuck Grain Co.	8.05	16.50	14.00	4.23	3.50	8.29	9.00
8302	Big Y 16% Dairy Ration	Mt. Carmel: Hamden Grain Co.	10.11	20.75	16.00	3.64	3.50	7.02	8.50
1486	Big Y 18% Dairy Ration	Norwich: The Yantic Grain & Products Co.	11.68	21.88	18.00	3.59	3.00	7.49	8.50
1104	Big Y 20% Dairy Ration	Willimantic: Boston Grain Co.	9.37	21.75	20.00	4.79	3.50	7.76	8.00
1485	Big Y Egg Maker	Norwich: The Yantic Grain & Products Co.	10.21	21.63	20.00	3.42	3.00	6.26	7.50
8860	Big Y Fattening Pellets	New London: Harbor Grain Co.	11.75	11.88	10.00	3.65	3.50	2.19	3.00
698	Big Y Fitting Ration	Danbury: Big Y Feed Co.	11.21	13.50	12.00	3.84	3.00	7.99	10.00
8917	Big Y High Efficiency Breeder Ration	Jewett City: Big Y Feed Co.	10.76	16.00	15.00	4.12	3.00	3.49	4.00
1457	Big Y High Efficiency Grower	Simsbury: Big Y Feed Co.	12.44	15.19	15.00	3.28	3.00	4.29	5.00
8301	Big Y High Efficiency Laying Mash	Mt. Carmel: Hamden Grain Co.	11.61	16.94	15.00	3.75	3.00	3.04	4.00
9039	Big Y Hi-G Dairy Ration	Packer: Packer Grain Co.	10.01	18.75	16.00	3.34	3.00	9.37	14.00
9069	Big Y Hi-G Scratch Feed	Abington: Abington Grain Co.	11.88	10.63	10.00	2.84	2.00	3.93	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1954—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
The Yantic Grain & Products Co.—Cont.									
Norwich, Conn.									
1293	Big Y Hog & Pig Ration	Putnam: Putnam Grain Co.	10.01	20.13	17.00	3.69	3.50	7.04	8.00
8908	Big Y Horse Feed	Yantic: Yantic Grain & Products Co.	11.15	10.63	9.00	3.29	2.00	6.34	9.00
1292	Big Y Improved Al-Mo	Putnam: Putnam Grain Co.	10.51	16.00	10.00	3.41	1.50	12.71	16.00
8342	Big Y Improved Broiler Finisher	Union City: Naugatuck Grain Co.	9.86	17.56	16.00	3.79	3.00	3.32	4.00
1316	Big Y Improved Complete Broiler & Starter Ration	Moosup: Moosup Grain Co.	10.09	22.56	21.00	4.19	3.00	3.89	4.00
1199	Big Y Improved Turkey Starter & Game Bird Feed	Stepney: Big Y Grain Co.	9.92	27.75	28.00	3.49	3.00	4.11	5.00
1201	Big Y Intermediate Chick Grain	Stepney: Big Y Grain Co.	11.84	12.31	10.00	4.23	2.50	3.21	5.00
8842	Big Y 20% Laying Mash	New London: Harbor Grain Co.	9.42	20.88	20.00	3.50	3.00	5.56	7.00
612	Big Y M & O Growing Feed	East Haddam: East Haddam Grain Co.	7.60	18.75	18.00	3.94	3.00	5.32	6.00
1553	Big Y M & O Laying Mash	Norwich: The Yantic Grain & Products Co.	10.49	18.50	18.00	4.71	3.00	7.00	7.00
613	Big Y Meat Pullet & Capon Ration	East Haddam: East Haddam Grain Co.	11.99	19.75	20.00	4.51	3.00	4.17	5.00
1313	Big Y Poultry Fitting Ration	Moosup: Moosup Grain Co.	11.72	13.38	10.00	3.06	3.00	4.31	8.00
1552	Big Y Progressive Growing Feed	Norwich: The Yantic Grain & Products Co.	11.57	18.25	17.00	4.20	3.00	6.72	7.00
699	Big Y Purity Dairy Ration	Danbury: Big Y Feed Co.	11.65	18.63	16.00	3.66	3.50	8.71	9.00
9070	Big Y Rabbit Pellets	Abington: Abington Grain Co.	9.90	17.44	16.00	3.35	3.00	9.66	10.00
8909	Big Y Scratch Feed	Yantic: Yantic Grain & Products Co.	12.26	10.00	9.00	2.80	2.00	3.02	5.00
1200	Big Y Sheep & Goat Feed	Stepney: Big Y Grain Co.	10.65	18.56	16.00	3.78	3.50	7.92	8.50
1314	Big Y Station Fattener Pellets	Moosup: Moosup Grain Co.	10.82	13.75	12.00	4.00	3.50	5.04	6.00

8841	Big Y Stock Feed	New London: Harbor Grain Co.	9.86	12.00	9.00	3.24	2.50	10.08	15.00
8918	Big Y Super Starter & Broiler Ration	Jewett City: Big Y Feed Co.	10.29	20.81	20.00	3.90	3.00	3.94	4.00
955	Big Y Test Cow Ration	Torrington: Big Y Feed Co.	10.28	19.88	16.00	3.13	3.00	5.66	8.50
614	Big Y Turkey Fattener (Pellets)	East Haddam: East Haddam Grain Co.	11.49	22.06	17.00	3.24	3.50	5.18	7.00
1103	Big Y Turkey Growing Feed	Willimantic: Boston Grain Co. ...	9.66	18.94	20.00	3.88	3.00	5.23	7.00

TABLE 2. VITAMIN D CARRIERS

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Sat. factory	Passed	Below guaranty
Astrol Products, Inc. Brooklyn, N. Y.	Dry D	15,000	Manchester, 9/27, 5965	1	1	....	....
Dawe's Laboratories, Inc. Chicago, Ill.	Dawe's Sterol-D ³	681,000	Manchester, 11/16, 7186 ...	1	1	....	....
	Flavonne Ribo-D	18,160	Middletown, 8/19, 20860, 20805, 20856, 20777, 20862; Guilford, 10/15, 22642, 22630, 22853, 22659	2	....	....	2
	Flavonne Ribo-D Special Blend No. 660	18,160	Guilford, 10/15, 1962	1	1	....	....
	Special Mix No. 5025	360,000	Plantsville, 9/2, 1943	1	....	....	1
E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.	DuPont Delsterol 1500-D	681,000	Derby, 12/28, none	1	....	1	....
	DuPont Delsterol 3000-D	1,362,000	Norwich, 11/9, none	1	1	....	....
Eastern States Farmers' Exchange, Inc., W. Springfield, Mass.	Calfsaver Tablets	400 ¹	North Haven, 8/25, 9950-007- 102	1	1	....	....
	Vitamin A & D Feeding Oil ...	136,000	Willimantic 9/27, FO-12523, FO-11531	1	1	....	....
The Fox Company Newfield, N. J.	Foxco Dependable Dry D ³	681,000	Seymour, 10/28, 93045	1	1	....	....
	Foxco Qualadee A & D Feeding Oil	136,200	Watertown, 8/25, 62754; Thomaston, 8/25, 61654; New Haven, 9/29, 71554; Watertown, 11/4, 82854 ..	4	4	....	....

¹U.S.P. units per gram; assayed by feeding to rats.

Gorton-Pew Fisheries Co., Ltd. Gloucester, Mass.	Gorton's Al-Blend "Junior"	8,000	Wallingford, 9/29, none	1	1	....	....
	Gorton's Al-Blend "Senior"	16,000	Canaan, 10/13, 4372, 4393, 3529, 4392, 4394	1	1	....	....
Marden-Wild Corporation Somerville, Mass.	Marden's Poultry Feeding Cod Liver Oil	136,200	North Franklin, 8/19, 444/345	1	1	....	....
	Marden's Vitamin A & D Feeding Oil	136,200	Derby, 12/28, 458, 351	1	1	....	....
Marine Products Co. Boston, Mass.	Cod Liver Oil, Feeding Grade ..	136,200	Baltic, 9/28, 5408	1	1	....	....
	Cod Liver Oil, Poultry Feeding Grade	136,200	Norwich, 8/19, 54-319	1	1	....	....
Nopco Chemical Co. Harrison, N. J.	Nopco Custom Mix Hi-Lay Premix	400,000	Norwich, 8/19, None	1	1	....	....
	Nopdex "3000"	1,360,800	Norwich, 8/19, None; Nor- wich, 11/9, None	2	2	....	....
Silmo Chemical Corporation Vineland, N. J.	Silmo A & D Feeding Oil	45,400	South Coventry, 9/22, 1-6HA8	1	1	....	....
	Silmo XX Vitamin Oil	136,200	Shelton, 8/23, 33BA24	1	1	....	....
	Vit-Ad 1500	136,200	Seymour, 8/25, 236	1	1	....	....
	Vit-D-150M	68,100,000	Manchester, 9/27, None	1	1	....	....
Whitmoyer Laboratories, Inc. Myerstown, Pa.	Vit-D-1500	681,000	Seymour, 8/25, 2062	1	1	....	....
	Dri-Col	681,000	Bridgeport, 8/23, 22454; Pawcatuck, 10/19, 51254 ..	2	1	....	1
	Flav-A-Dec	54,480	Jewett City, 9/28, None	1	1	....	....
	Whitcod 300D-1500A	136,000	Central Village, 9/28, 101253	1	1	....	....
	Whitcod Pure Cod Liver Oil U.S.P.	68,000	Danielson, 10/27, 22053	1	1	....	....
	Whitmoyer 300-D-1500-A Quality Vitamin A & D Feeding Oil ..	136,000	Derby, 8/23, 52754	1	1	....	....
The Yantic Grain & Products Co. Norwich, Conn.	Big Y Vitamin A & D Feeding Oil	136,200	Willimantic, 10/14, Lot-7 ..	1	1	....	....

Analyses

TABLE 3. ANALYSES OF FEEDS CONTAINING SULFAQUINOXALINE AND ARSENICALS, 1954

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent		Sodium arsenilate, per cent	
			Guaranteed	Found	Guaranteed	Found
Allied Mills, Inc. Chicago, Ill.						
980	3-Nitro-4-Hydroxyphenylarsonic Acid and Sulfaquinoxaline Mixture Incorporated in Wayne Feeds Broiler Finisher	Winsted: C. S. Roberts & Sons	0.0175	0.0143	.....	.....
The Beacon Milling Co., Inc. Cayuga, N. Y.						
438	Beacon Starter-Broiler Feed	Storrs: University of Connecticut	0.0175	0.0120	.....	.....
Chas. M. Cox Co. Boston, Mass.						
W.S.-430	Wirthmore Sulfaquinoxaline Mixture Incorporated in Hi-Ener-G Grower	Stepney: Wirthmore Grain & Coal Co.	0.0125	0.0125	.....	.....
W.S.-460	Same brand	Milford: Milford Grain Co.	0.0125	0.0123	.....	.....
W.S.-492	Same brand	Milford: Milford Grain Co.	0.0125	0.0104	.....	.....
W.S.-495	Same brand	Stepney: Wirthmore Grain & Coal Co.	0.0125	0.0154	.....	.....
W.S.-507	Same brand	Danbury: Benjamin Grain Co.	0.0125	0.0123	.....	.....
W.S.-437	Wirthmore Sulfaquinoxaline Mixture Incorporated in Poultry Mash Base	New Haven: R. G. Davis & Sons	0.100	0.092	.....	.....
W.S.-454	Same Brand	Middlefield: Middlefield Grain & Coal Co.	0.100	0.099	.....	.....
W.S.-467	Same brand	Danbury: Benjamin Grain Co.	0.100	0.101	.....	.....
W.S.-491	Wirthmore Sulfaquinoxaline Mixture Incorporated in Turkey Starter	Milford: Milford Grain Co.	0.0175	0.0163	.....	.....
W.S.-515	Same brand	Ansonia: Ansonia Feed Co.	0.0175	0.0158	.....	.....
W.S.-493	Wirthmore Sulfaquinoxaline Sodium Arsanilate Mixture Incorporated in Complete Chick Starter	Milford: Milford Grain Co.	0.0175	0.0146	0.0088	0.0098
W.S.-496	Same Brand	Stepney: Wirthmore Grain & Coal Co.	0.0175	0.0157	0.0088	0.0101
W.S.-505	Same Brand	Danbury: Benjamin Grain Co.	0.0175	0.0142	0.0088	0.0083
W.S.-535	Same brand	New Haven: R. G. Davis & Sons	0.0175	0.0150	0.0088	0.0082
W.S.-540	Same brand	Branford: Osborn Grain Co.	0.0175	0.0165	0.0088	0.0130
W.S.-494	Wirthmore Sulfaquinoxaline Sodium Arsanilate Mixture Incorporated in Improved Hi-Ener-G Starter and Broiler	Milford: Milford Grain Co.	0.0175	0.0153	0.0088	0.0102

W.S.-497	Same brand	Stepney: Wirthmore Grain & Coal Co.	0.0175	0.0155	0.0088	0.0101
W.S.-506	Same brand	Danbury: Benjamin Grain Co.	0.0175	0.0159	0.0088	0.0074
W.S.-514	Same brand	Ansonia: Ansonia Feed Co.	0.0175	0.0143	0.0088	0.0089
W.S.-518	Same brand	Middlefield: Middlefield Grain & Coal Co.	0.0175	0.0159	0.0088	0.0087
W.S.-524	Same brand	Meriden: H. Grulich	0.0175	0.0152	0.0088	0.0055
W.S.-539	Same brand	Branford: Osborn Grain Co.	0.0175	0.0174	0.0088	0.0100

**Delaware Mills, Inc.
Deposit, N. Y.**

W.S.-474	Delaware Sulfaquinoxaline Coccidiosis Preventative Broiler Mash	Colchester: P. Cutler, Inc.	0.0175	0.0191	.....	.....
W.S.-476	Delaware Sulfaquinoxaline Mixture in Delaware Growing Mash	Colchester: P. Cutler, Inc.	0.0125	0.0118	.....	.....

**Derby Feed Store
Derby, Conn.**

W.S.-443	Litsky's Sulfaquinoxaline Mixture Starter and Broiler	Derby: Derby Feed Store	0.0125	0.0117	.....	.....
W.S.-488	Same brand	Derby: Derby Feed Store	0.0125	0.0148	.....	.....

**John W. Eshelman & Sons
Lancaster, Pa.**

W.S.-445	Eshelman's Sulfaquinoxaline Arsonic Acid Mixture in Red Rose Hi-Lo Broiler	Meriden: Meriden Grain & Coal Co.	0.0125	0.0097	.....	.....
W.S.-456	Same brand	Meriden: Meriden Grain & Coal Co.	0.0150	0.0100	.....	.....
W.S.-447	Eshelman Sulfaquinoxaline Mixture in Red Rose Starter and Grower	Cos Cob: Belmont Feed Co.	0.0150	0.0123	.....	.....
W.S.-457	Same brand	Meriden: Meriden Grain & Coal Co.	0.0150	0.0125	.....	.....
W.S.-526	Same brand	Cos Cob: Belmont Feed Co.	0.0150	0.0108	.....	.....
W.S.-449	Eshelman Sulfaquinoxaline Mixture in Red Rose Turkey Starter	Cos Cob: Belmont Feed Co.	0.0175	0.0230	.....	.....
W.S.-450	Eshelman Sulfaquinoxaline & 3 Nitro Mixture in Red Rose Chick Starter	Cos Cob: Belmont Feed Co.	0.0150	0.0130	.....	.....
W.S.-528	Red Rose Sulfaquinoxaline Coccidiosis Control Mix	Cos Cob: Belmont Feed Co.	0.0500	0.0194	.....	.....

**Meech & Stoddard, Inc.
Middletown, Conn.**

W.S.-452	Special Balance Sulfaquinoxaline High Efficiency Starter and Broiler	Middletown: Meech & Stoddard, Inc.	0.0175	0.0237
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Analyses

TABLE 3. ANALYSES OF FEEDS CONTAINING SULFAQUINOXALINE AND ARSENICALS, 1954—Concluded

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent		Sodium arsenilate, per cent	
			Guar-anteed	Found	Guar-anteed	Found
Meech & Stoddard, Inc. Middletown, Conn.						
W.S.-516	Same brand	Middletown: Meech & Stoddard, Inc.	0.0175	0.0263	.....	.....
W.S.-451	Special Balance Sulfaquinoxaline Starting Mash	Middletown: Meech & Stoddard, Inc.	0.0175	0.0168	.....	.....
W.S.-517	Same brand	Middletown: Meech & Stoddard, Inc.	0.0175	0.0198	.....	.....
Park & Pollard Co., Inc. Buffalo, N. Y.						
W.S.-548	Park & Pollard Sulfaquinoxaline Control of Cecal Coccidiosis	Colchester: P. Cutler, Inc.	0.1000	0.0845	.....	.....
W.S.-470	Park & Pollard Sulfaquinoxaline Hi Power Broiler Ration	Waterbury: The Spencer Grain Co.	0.0175	0.0241	.....	.....
W.S.-530	Same brand	Waterbury: The Spencer Grain Co.	0.0175	0.0172	.....	.....
W.S.-531	Park & Pollard Sulfaquinoxaline Hi-Prime Turkey Starter	Waterbury: The Spencer Grain Co.	0.0175	0.0136	.....	.....
W.S.-469	Park & Pollard Sulfaquinoxaline Lay or Bust Chick Starter	Waterbury: The Spencer Grain Co.	0.0175	0.0156	.....	.....
W.S.-532	Same brand	Waterbury: The Spencer Grain Co.	0.0175	0.0148	.....	.....
W.S.-475	Park & Pollard Sulfaquinoxaline Mixture in Park & Pollard Broiler Ration	Colchester: P. Cutler, Inc.	0.0175	0.0163	.....	.....
W.S.-546	Same brand	Colchester: P. Cutler, Inc.	0.0175	0.0162	.....	.....
Wolf Savitsky & Sons, Inc. Shelton, Conn.						
W.S.-442	Wolf's Sulfaquinoxaline Mixture in Hi Speed Starter and Broiler	Shelton: Wolf Savitsky & Sons, Inc.	0.0175	0.0180	.....	.....
W.S.-486	Same brand	Shelton: Wolf Savitsky & Sons, Inc.	0.0175	0.0180	.....	.....
W.S.-487	Wolf's Sulfaquinoxaline Arsanilic Acid Super "Hi-Eff" Starter and Broiler	Shelton: Wolf Savitsky & Sons, Inc.	0.0175	0.0178	0.0090*	0.0095*
Watertown Co-Op. Assoc., Inc. Watertown, Conn.						
W.S.-472	Watertown Co-Op Sulfaquinoxaline Broiler Mash	Watertown: Watertown Co-Op Assoc., Inc.	0.0125	0.0105	.....	.....

* Arsanilic acid

W.S.-533	Same brand	Watertown: Watertown Co-Op Assoc., Inc.	0.0125	0.0108	.....	.....
W.S.-534	Watertown Co-Op Sulfaquinoxaline Starting Mash	Watertown: Watertown Co-Op Assoc., Inc.	0.0125	0.0116	.....	.....
W.S.-473	Watertown Co-Op Sulfaquinoxaline with Aureomycin Broiler Mash	Watertown: Watertown Co-Op Assoc., Inc.	0.0125	0.0098	.....	.....
W.S.-471	Watertown Co-Op Sulfaquinoxaline with Aureomycin Starting Mash	Watertown: Watertown Co-Op Assoc., Inc.	0.0125	0.0099	.....	.....

**H. K. Webster Co.
Lawrence, Mass.**

W.S.-499	Blue Seal Sulfaquinoxaline Advance Broiler	South Norwalk: The Roodner Feed Co., Inc.	0.0175	0.0208	.....	.....
W.S.-549	Same brand	Colchester: Einhorn's Grain Store ...	0.0175	0.0195	.....	.....
W.S.-477	Blue Seal Sulfaquinoxaline Super Starter and Broiler	Colchester: Einhorn's Grain Store ...	0.0175	0.0169	.....	.....
W.S.-500	Same brand	South Norwalk: The Roodner Feed Co., Inc.	0.0175	0.0200	.....	.....
W.S.-550	Blue Seal Sulfaquinoxaline Treatment of Cecal and Intestinal Coccidiosis	Colchester: Einhorn's Grain Store ...	0.1000	0.0775	.....	.....

**Yantic Grain & Products Co.
Norwich, Conn.**

W.S.-464	Big Y Sulfaquinoxaline Coccidiosis Control Mix ..	Danbury: Big Y Feed Co.	0.100	0.095	.....	.....
W.S.-501	Same brand	Stepney: Big Y Feed Store	0.100	0.098	.....	.....
W.S.-509	Same brand	Danbury: Big Y Feed Co.	0.100	0.102	.....	.....
W.S.-466	Big Y Sulfaquinoxaline Confinement Growing Mash ..	Danbury: Big Y Feed Co.	no guaranty	0.0166	.....	.....
W.S.-502	Big Y Sulfaquinoxaline Hi-Efficiency Growing Mash ..	Stepney: Big Y Feed Store	0.0175	0.0150	.....	.....
W.S.-436	Big Y Sulfaquinoxaline Mixture in Improved Broiler and Starter	Stepney: Big Y Feed Store	0.0175	0.0170	.....	.....
W.S.-504	Same brand	Stepney: Big Y Feed Store	0.0175	0.0178	.....	.....
W.S.-508	Same brand	Danbury: Big Y Feed Co.	0.0175	0.0156	.....	.....
W.S.-435	Big Y Sulfaquinoxaline Mixture in Improved Broiler Finisher	Stepney: Big Y Feed Store	0.0125	0.0167	.....	.....
W.S.-463	Big Y Sulfaquinoxaline Mixture in Improved Broiler Ration	Danbury: Big Y Feed Co.	0.0175	0.0188	.....	.....
W.S.-433	Big Y Sulfaquinoxaline Mixture in Super Starter and Broiler	Stepney: Big Y Feed Store	0.0175	0.0163	.....	.....

TABLE 4. ANALYSES OF FEEDS CONTAINING NITROPHENIDE AND ARSENICALS, 1954

No.	Manufacturer and brand	Retail Dealer	Nitrophenide, per cent		Arsanilic acid, per cent	
			Guar- anteed	Found	Guar- anteed	Found
The Beacon Milling Co., Inc.						
Cayuga, N. Y.						
W.S.-525	Beacon Nitrophenide Arsanilic Acid Starter and Broiler	Glenbrook: Frank Policastro & Sons ..	0.0250	0.0191	0.0090	0.0078
439	Beacon Nitrophenide Mix mixed with Beacon Starter Broiler Feed	Storrs: University of Connecticut	0.0250	0.0252	.....	.....
Chas. M. Cox Co.						
Boston, Mass.						
W.S.-438	Wirthmore Nitrophenide Plus 2M Broiler Feed ...	New Haven: R. G. Davis & Sons	0.0200	0.0190	.....	.....
W.S.-440	Wirthmore Nitrophenide Sodium Arsanilate Mixture in Plus 2M Broiler Feed	New Haven: R. G. Davis & Sons ...	0.0200	0.0182	0.0088*	0.0081*
Maritime Milling Co., Inc.						
Buffalo, N. Y.						
W.S.-461	Ma-Co Nitrophenide Arsanilic Acid Broiler Ration	Bridgeport: Savitt Grain Exchange ..	0.0187	0.0202	0.0100	0.0135
W.S.-490	Same brand	Bridgeport: Savitt Grain Exchange ..	0.0187	0.0160	0.0100	0.0090
Fred C. Morse & Son						
Guilford, Conn.						
W.S.-541	Old Mill Nitrophenide Growing Mash	Guilford: Fred C. Morse & Son	0.0220	0.0055	.....	.....
W.S.-545	Old Mill Nitrophenide Starting Mash	Guilford: Fred C. Morse & Son	0.0220	0.0158	.....	.....
W.S.-479	Same brand	Guilford: Fred C. Morse & Son	0.0220	0.0218	.....	.....
Ralston Purina Co.						
St. Louis, Mo.						
W.S.-445	Purina Nitrophenide Chick Growena	Ansonia: A. Hodos & Sons, Inc.	0.0188	0.0176	.....	.....
W.S.-444	Ralston Nitrophenide-3-Nitro-4-Hydroxyphenylarsonic Acid MG-N Broiler Mash	Ansonia: A. Hodos & Sons, Inc.	0.0200	0.0218	.....	.....

*Sodium arsanilate.

**Yantic Grain & Products Co.
Norwich, Conn.**

W.S.-434	Big Y Nitrophenide Arsanilic Acid Mix in Improved Broiler and Starter	Stepney: Big Y Feed Store	0.0250	0.0238	0.0095	0.0090
W.S.-503	Same brand	Stepney: Big Y Feed Store	0.0250	0.0200	0.0095	0.0095
W.S.-465	Big Y Nitrophenide Arsanilic Acid Mix in Improved Broiler Ration	Danbury: Big Y Feed Co.	0.0250	0.0240	0.0095	0.0102

TABLE 5. ANALYSES OF MISCELLANEOUS MEDICATED FEEDS, 1954

No.	Manufacturer and brand	Retail dealer	Arsanilic acid, per cent		Enheptin, per cent		4-Nitrophenylarsonic acid, per cent		Phenothiazine, per cent	
			Guar- anteed	Found	Guar- anteed	Found	Guar- anteed	Found	Guar- anteed	Found
Chas. M. Cox Co.										
Boston, Mass.										
W.S.-439	Wirthmore Enheptin Tur- key Growing Ration ..	New Haven: R. G. Davis & Sons .....	.....	.....	0.0500	0.0130	.....	.....	.....	.....
W.S.-498	Wirthmore PM Mix	Stepney: Wirthmore Grain & Coal Co. ....	.....	.....	.....	.....	.....	.....	0.45	0.45
Maritime Milling Co., Inc.										
Buffalo, N. Y.										
590	B-B Ma-Co Arsanilic Acid Mixture Incorporated in B-B Ma-Co Broiler Fin- ishing Ration	Winsted: C. S. Roberts & Sons	0.0100	0.0097	.....	.....	.....	.....	.....	.....
W.S.-462	Same Brand	Bridgeport: Savitt Grain Exchange	0.0100	0.0112	.....	.....	.....	.....	.....	.....
W.S.-489	Same Brand	Bridgeport: Savitt Grain Exchange	0.0100	0.0100	.....	.....	.....	.....	.....	.....
Ogden Grain Co.										
Utica, N. Y.										
W.S.-478	Ogden Arsanilic Acid Hi- Ener-G Growing Mash	Central Village: Ogden Feed Co.	0.004	0.002	.....	.....	.....	.....	.....	.....
Park & Pollard Co., Inc.										
Buffalo, N. Y.										
W.S.-482	Park & Pollard Histostat Prime Turkey Grower	Colchester: P. Cutler, Inc.	.....	.....	.....	.....	0.0375	0.0249	.....	.....
W.S.-547	Park & Pollard Lay or Bust D-Wormer	Colchester: P. Cutler, Inc.	.....	.....	.....	.....	.....	.....	0.60	0.34