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REPORT ON INSPECTION
COMMERCIAL FEEDING STUFFS
1956



H. J. Fisher
Chief Chemist

**THE CONNECTICUT AGRICULTURAL EXPERIMENT
STATION, NEW HAVEN, CONNECTICUT**

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COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1956

H. J. FISHER¹

THE FEED LAW

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

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

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

REGULATIONS

REGULATION 1. FEEDS NOT 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.

¹ Analyses are by Mr. O. L. Nolan, Miss Helen Kocaba, Mrs. Norma Spencer, Miss Sunrae Agostini and Mrs. Joan Curtiss; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Janetha Shepard; and sampling by Mr. R. 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, 1956 to December 31, 1956, 227 firms registered 1,363 brands of feeding stuffs, and 25 firms registered 57 brands of vitamin D carriers.

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

Acme Hominy
Acme Wheat Bran
Acme Wheat Standard Middlings with Screenings

Adams Packing Association, Inc., Auburndale, Fla.

Adams Dried Citrus Pulp

Agri-Tech, Inc., Board of Trade Bldg., Kansas City, Mo.

Specules Alfalfa

The Agro Company of Canada Limited, P. O. Box 96, Place D'Armes, Montreal 1, Canada

Agro Bran

Albers Milling Co., 5045 Wilshire Blvd., Los Angeles 36, Calif.

Albers Calf Manna
Albers Rabbit Breeder Ration
Albers Rabbit Family Ration
Albers Suckle

Allied Chemical & Dye Corp., Nitrogen Division, P. O. Drawer 61, Hopewell, Va.
"PROCADIAN" Urea Feed Mixture

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

Sugarine 16% Dairy "E"
Wayne Breeder Mash
Wayne Calfnip
Wayne Calf Starter
Wayne Calf Starter "A"
Wayne Calf Supplement
Wayne Chick Feed
Wayne 16% Dairy
Wayne 20% Dairy
Wayne 24% Dairy "E"
Wayne Dairy Mixer "E"
Wayne 22% Egg and Breeder
Wayne 26% Egg and Breeder Supplement
Wayne Egg Mash
Wayne Emergency 16% Dairy Mixed Feed "A"
Wayne Fitting Ration
Wayne Growing Mash
Wayne Horse Feed
Wayne Mash Layer
Wayne Mink Meal
Wayne Pork Maker
Wayne Rabbit Ration
Wayne Sugarine 16% Dairy
Wayne Sweet Bulky Feed
Wayne Tail Curler
Wayne Test Cow Ration
Wayne Turkey Breeder
Wayne Turkey Finisher

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

Wayne Turkey Grower
Wayne Universal Breeder
Wayne Universal Dairy Feed
Wayne Universal Egg
Wayne Universal Grower
Wayne Universal Mixer
Wayne Universal Turkey Breeder
Wayne Universal Turkey Grower

American Crystal Sugar Co., 600 Boston Bldg., Denver, Colorado

Molasses Dried Beet Pulp
Plain Dried Beet Pulp

American Maize-Products Co., 250 Park Ave., New York 17, N. Y.

Amaizo Corn Oil Meal
Amaizo Gluten Meal
Cream of Corn Gluten Feed

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

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

Atlantic Processing Co., Amagansett, N. Y.

Smith's Life Line Fish Meal

B & W Canning Co., Inc., Groveland, Fla.

"B'n W"

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

Bailey's Laying Mash

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

(See also Vitamin D Carriers)

Auburn "14"
Auburn "16"
Auburn "20"
Beacon "15"
Beacon "16"
Beacon "20"
Beacon "24"
Beacon "32"
Beacon Balancer Pellets
Beacon Breeder All-Mash
Beacon Breeders Mash
Beacon Broiler Finisher
Beacon Calf Grower
Beacon Calf Starter
Beacon Chick Grains
Beacon Complete Rabbit Pellets
Beacon Complete Starter
Beacon Dairy Breeder Pellets
Beacon Dairy Fitting
Beacon Duck Breeder
Beacon Duck Breeder Developer
Beacon Duck Fitting
Beacon Duck Grower-Finisher
Beacon Duck Starter

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

Beacon "22" Egg Mash
Beacon Goat Ration
Beacon Grower All-Mash
Beacon "18" Growing Mash
Beacon High Vitamin D₂ Mix Incorporated in BE-CO-D
Beacon Hog Supplement
Beacon Horse Feed
Beacon Keep Sweet Silage Preservative
Beacon Market Egg All-Mash
Beacon Pig Grower
Beacon Pig Starter
Beacon Poultry Fitting
Beacon Sow Feed
Beacon Starter-Broiler
Beacon "14" Test Cow Ration
Beacon "16" Test Cow Ration
Beacon "18" Test Cow Ration
Beacon Turkey and Game Bird Breeder
Beacon Turkey and Game Bird Fitting
Beacon Turkey and Game Bird Grower
Beacon Turkey and Game Bird Starter
Beacon Turkey Finisher All-Mash
Beacon "20" Turkey Grower
Be-Co-Lass
Be-Co-Nurse Milk Replacer
Flood Emergency Mixed Feed Type A

The Berkman Grain Co., North Franklin, Conn.

Nibco Chick Starter
Nibco Crate Fattener
Nibco 14% Dairy Ration
Nibco 16% Dairy Ration
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 with Fortified Cod Liver Oil
Nibco Nine Week Broiler Mash
Nibco One Day Station Fattener Feed
Nibco Scratch Feed

The Bloomfield Farmers' Exchange Inc., Bloomfield, Conn.

Bloomfield 16% Dairy Ration

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

(See also Vitamin D Carriers)

Borden's Dry D
Flaydry-Fermacto Poultry Feed Supplement
Flaydry Poultry Feed Supplement

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

Borden's 44% Protein Solvent Extracted Soybean Oil Meal

Bremco Alfalfa Mills, Inc., New Bremen, Ohio

Alfalass

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

L. B. 16% Dairy Ration

Brooklawn Grain & Feed Co., 321 Sylvan Ave., Bridgeport, Conn.Brooklawn Dehydrated [Dried] White Bread Meal
Brooklawn Egg Mash
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 Cellulose Corp., Cincinnati, Ohio**Buckeye 41% Protein Cottonseed Meal, Prime Quality
Buckeye 41% Protein Solvent Extracted Cottonseed Meal with added Hydrolyzed Cottonseed Oil
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal**Buckeye Sugars, Inc., Ottawa, Ohio**Registered by The Park & Pollard Co., Buffalo, N. Y.
Dried Beet Pulp**Calvert Distillers Limited, Amherstburg, Canada**

Corn Distiller's Dried Grains

Calvert Milling Co., Hoytville, Ohio

15% Dehydrated Alfalfa Meal

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

Camden Brand Dried Brewers Grain

Camp Milling Co., Inc., Walton, N. Y.Warren's Calf Starter (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Complete Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Complete Laying Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Laying Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's 16% Milk Flow (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Milkproducer 16% Dairy Feed (Mfr'd. for William S. Warren & Son, Eastford, Conn.)**The C. W. Campbell Co., 27 West Broad St., Westerly, R. I.**Alfalass
Best Pig and Hog Ration
Camco Horse Feed
16% Coarse Dairy Ration
14% Dairy Ration
16% Dairy Ration
Economical Stock Feed
Egg-O Chick Starter and Broiler Ration
Egg-O Complete Layer
Egg-O Grower
Egg-O Laying Mash
Egg-O Special Broiler
12% Fitting Ration
Milk Replacer
Sheep and Goat Feed**The A. B. Caple Co., Toledo, Ohio**

Alfalfa Stem Meal

Cargill, Incorporated, 200 Grain Exchange, Minneapolis, Minn.36% Protein Solvent Extracted Linseed Oil Meal
44% Protein Solvent Extracted Soybean Oil Meal**Carling Brewing Co., 9400 Quincy Ave., Cleveland 6, Ohio**

Carling Dried Brewers Grains

Central Conn. Co-operative Farmers' Ass'n. Inc., 10 Apel Place, Manchester, Conn.

(See also Vitamin D Carriers)

Honest Brand Aureomycin Mix 100 grams
Honest Brand Aureomycin Mix 200 grams
Honest Brand Breeder Mash
Honest Brand Complete Ration High Energy Growing Mash
Honest Brand Complete Ration High Energy Laying Mash
Honest Brand 16% Dairy
Honest Brand Growing Mash
Honest Brand Nu Weigh Hi Broiler Finisher Mash
Honest Brand Nu Weigh Hi Laying Mash**Central Soya Co., Inc., 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind.**Central 4-44 Soybean Oil Meal
Central 50% Solvent Extracted Soybean Oil Meal
Central Star Brand Solvent Extracted Soybean Oil Meal**S. J. Cherry & Sons Ltd., Preston, Canada**Wheat Bran
Wheat Shorts**Citrus Feed Co., P. O. Box 513, Lakeland, Fla.**FLORIDA CREST All Sweet Dried Citrus Pulp
FOSGATE'S ACE HIGH All Sweet Dried Citrus Pulp**Clinton Corn Processing Co., Clinton, Iowa**Clinton 21% Protein Corn Gluten Feed
Clinton 41% Protein Corn Gluten Meal
Clinton 16% Protein Sweetened Corn Gluten Feed**Clyde Milling Corp., 15 Sodus St., Clyde, N. Y.**Clyde C-M-C 30 Dairy Mixing Ration
Clyde C-M-C 40 Dairy Mixing Ration
Clyde C-M-C 36 Mixing Ration
Clyde Booster 16 Dairy Ration
Clyde Calving Ration
Clyde Chick Starting Mash
Clyde Complete Calf Starter
Clyde Complete Growing Mash
Clyde Complete Laying Mash
Clyde Complete Rabbit Pellets
Clyde Complete Turkey Grower Mash
Clyde Crate Fattener Pellets
Clyde Dry & Freshening Ration
Clyde Fitting Ration
Clyde Growing Mash
Clyde H-E Broiler Mash
Clyde H-E Complete Breeder Mash

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

Clyde H-E Complete Growing Mash
 Clyde H-E Complete Laying Mash
 Clyde Hi-Po (High Potency Pellets)
 Clyde Hog Supplement
 Clyde Horse Feed
 Clyde Life Span 15
 Clyde Market Egg Mash
 Clyde Meat Bird Finisher
 Clyde Milk Las 15 Dairy Ration (Coarse)
 Clyde Pig and Sow Ration
 Clyde Poultry Mixing Ration
 Clyde Super Egg Mash
 Clyde Taste Station Pellets
 Clyde Test Cow 16
 Clyde Test Cow 20
 Clyde Turkey Grower Mash
 Connecticut Flood Emergency Mixed Feed A
 Corn Distillers Dried Grains
 Corn Gluten Feed
 Dried Apple Pomace
 Hominy Feed
 Linseed Oil Meal (Solvent Extracted)
 Little & McKinney Egg Mash (Mfr'd. for Little & McKinney Grain Co., Manchester, Conn.)
 Nate's Complete Laying & Growing Mash (Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.)
 Nate's Life Span 15 (Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.)
 Nate's Meat Bird Finisher (Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.)
 New England 12 Dairy Ration
 New England 16 Dairy Ration
 Soybean Oil Meal
 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.)
 Warren's Laying Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Wheat Bran
 Wheat Standard Middlings

Coatsworth & Cooper Ltd., 67½ Yonge St., Toronto, Canada

C & C Wheat Bran
 C & C Wheat Shorts

Cocke and Co., 208 William-Oliver Bldg., Atlanta 3, Ga.

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

Colby Cooperative Starch Co., Box 163, Caribou, Maine

Co-Star Brand Dried Potato Pulp

Commercial Solvents Corp., 1331 South 1st. St., Terre Haute, Ind.

B.Y.-Basic Dried Grain & Cane Syrup Fermentation Solubles (Butyl)
 B.Y.-100 Dried Grain & Cane Syrup Fermentation Solubles
 B.Y.-500 Dried Grain & Cane Syrup Fermentation Solubles

Community Service, Inc., Canaan, Conn.

Community Service 16% Dairy Ration
 Community Service 18% Dairy Ration
 Community Service Fitting Ration
 Community Service Laying Mash

Consolidated Products Co., Danville, Ill.

(See also Vitamin D Carriers)
 "Consolidated's" Dried Whole Whey
 Kalf-A
 Pex for Broilers
 Pex for Layers—Breeders
 Pex for Poultry
 Pex Whey Block

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

Corenco Feeding Bone Meal
 Corenco 47% Meat & Bone Scrap

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

Buffalo Brand 21% Protein Corn Gluten Feed
 Buffalo Brand 16% Protein Corn Gluten Feed Sweetened
 Diamond Brand Corn Gluten Meal

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

Blue C. Complete Growing Mash
 Blue C Complete Laying Mash
 Blue C 16% Dairy Ration
 Blue C 20% Dairy Ration
 Blue C Fitting Ration
 Blue C Growing Mash
 Blue C Hog & Pig Feed
 Blue C Horse Feed with Molasses
 Blue C Laying Mash
 Blue C Plantsville Dairy Ration
 Blue C Rabbit Pellets
 Blue C Sheep & Goat Ration
 Blue C Special Starter & Broiler
 Blue C Starting Mash
 Blue C Super 16% Coarse Dairy Ration
 Blue C Super 16% Dairy
 Blue C Turkey Finishing Mash
 Blue C Turkey Growing Mash
 Blue C Turkey Starting Mash
 Champ 16% Dairy Ration
 Red C 16% Dairy Ration
 Red C Fitting Ration
 Red C Laying Mash
 Red C Starting & Growing Mash

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

Connecticut Flood Emergency Mixed Feed A
 Connecticut Flood Emergency Mixed Feed B
 Maple Leaf Shorts (Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada)
 Rex Wheat Bran (Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada)
 Rex Wheat Middlings (Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada)
 Wirthmore Baby Chick Scratch
 Wirthmore Big W 16% Dairy
 Wirthmore Breeder Mash
 Wirthmore 38% Broiler Concentrate
 Wirthmore Broiler Finisher
 Wirthmore Calf Starter Meal
 Wirthmore Calving Feed
 Wirthmore Challenger Coarse 14 Dairy Ration
 Wirthmore Challenger Coarse 16 Dairy Ration
 Wirthmore Challenger 16 Dairy Ration
 Wirthmore Challenger 18 Dairy Ration
 Wirthmore Challenger 20 Dairy Ration
 Wirthmore Coarse Test Dairy Ration
 Wirthmore Complete Breeder Ration
 Wirthmore Complete Chick Starter

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

Wirthmore Complete Egg Ration
 Wirthmore Complete Growing Ration
 Wirthmore Complete Turkey Breeder Ration
 Wirthmore Complete Turkey Fattening Ration
 Wirthmore Complete Turkey Growing Ration
 Wirthmore 14 Dairy Fitting Feed
 Wirthmore 36% Dairy Mixing Feed
 Wirthmore 36% Dairy Mixing Ration
 Wirthmore 14 Dairy Ration
 Wirthmore 16 Dairy Ration
 Wirthmore 20 Dairy Ration
 Wirthmore 16 Dairy Record Feed
 Wirthmore 18 Dairy Record Ration
 Wirthmore 32 Dairy Supplement
 Wirthmore Fattening Pellets
 Wirthmore Fodder Greens
 Wirthmore Game Bird Starter Pellets
 Wirthmore Mornin' Call Complete Grower-Layer
 Wirthmore Mornin' Call Growing-Laying
 Wirthmore Green Mountain 14
 Wirthmore Green Mountain 16
 Wirthmore Green Mountain 20
 Wirthmore Green Mountain 16 Dairy Ration
 Wirthmore Grow & Egg Mash
 Wirthmore Growing Scratch
 Wirthmore Hi-Ener-G Breeder
 Wirthmore Hi-Ener-G 16 Pellets
 Wirthmore Hog Grower
 Wirthmore Horse Feed
 Wirthmore Improved Hi-Ener-G Starter & Broiler Ration
 Wirthmore Pig & Sow Feed
 Wirthmore 36% Poultry Concentrate
 Wirthmore Poultry Fitting
 Wirthmore Poultry Flush
 Wirthmore Production Scratch
 Wirthmore Rabbit Pellets
 Wirthmore Sheep & Goat Ration
 Wirthmore Special Scratch Feed with Cracked Corn
 Wirthmore Special Scratch Feed with Whole Corn
 Wirthmore Stock Feed
 Wirthmore Super Pellets
 Wirthmore Turkey Breeder Ration
 Wirthmore Turkey Growing Ration
 Wirthmore Twin-Mix Calf Feed

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

Complete Breeder Mash or Pellets
 Complete Chick Starter Mash or Pellets
 Complete Egg Mash or Pellets
 Complete Grow Mash or Pellets
 16% Dairy Ration
 20% Dairy Ration
 32% Dairy Supplement
 14% Dry & Freshening
 14% Fitting Ration
 Grow Mash or Pellets
 16% Hi-Energy Lay Mash or Pellets
 Horse Feed
 Lay Mash or Pellets
 16% Milk Flow
 Pig Grower-Fattener
 Poultry Finishing Feed or Pellets
 Rabbit Pellets
 Warren's Milkproducer 16% Dairy Feed (Mfr'd. for William S. Warren & Son, Eastford, Conn.)

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
 Prosperity Laying Mash
 Prosperity Pig Feed
 Prosperity Sweet Beetus Mix

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

Dairyalea Choice Feed Grade Dried Skim Milk

Dairy Service Corp., P. O. Box 615, Brooksville, Fla.

Dairy Grove Citrus Pulp¹

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

Davis 16% Dairy Feed
 Davis Egg Mash
 Davis Horse Feed
 New England College Conference Grow
 New England College Conference Lay

Dawe's Laboratories Inc., 4800 So. Richmond St., Chicago, Ill.

(See also Vitamin D Carriers)
 Dawe's Fermentation Flavonne
 Dawe's Fermentation Supplement 100
 Dawe's Vitamelk—Ruminant Type
 Flavonne Ribo-D
 Flavonne Ribo-D Special Blend No. 660

Dawnwood Farms, Smithfield Rd., Amenia, N. Y.

(See also Vitamin D Carriers)
 Dawnwood Farms CAF-STAR Formula Feed for Calves

Decatur Milling Co. Inc., 717 North Union St., Decatur, Ill.

Homco Hominy Feed

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

Delaware Broiler Mash
 Delaware Fitting Ration
 Delaware Horse Feed
 Delaware Scratch Grains
 Delaware Sweet 16% Dairy Feed
 Warren's Broiler Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Chick Starter (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Complete Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Complete Layer (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Fitting Ration (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's H-E Grower (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's H-E Layer (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Indian 16% Dairy (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's Laying Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
 Warren's 16% Test Ration (Mfr'd. for William S. Warren & Son, Eastford, Conn.)

The Delphos Grain & Soya Products Co., Delphos, Ohio

44% Protein Soybean Oil Meal (Solvent Extracted)

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

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

Dewart Milling Co., Ltd., Peterborough, Canada

Wheat Shorts

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

D & G Calf Meal

Distillers Corporation Limited, Ville LaSalle, Montreal 32, Canada

Distilco Corn Distiller's Dried Grains

Dominion Malting (Ontario) Ltd., 307 Fleet St. E., Toronto, Canada

Dried Brewer's Grains

Doughnut Corporation of America, Ellicott City, Md.

Domaco Pure Winter Wheat Bran
Domaco Winter Wheat Standard Middlings

The Dover Milling Co., Dover, Ohio

Wheat Middlings with Mill Run Ground Wheat Screenings

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

Drackett 44% Protein Soybean Oil Meal

Duffy-Mott Co., Inc., 370 Lexington Ave., New York 17, N. Y.

Dried Apple Pomace Feed

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

(See also Vitamin D Carriers)

DU PONT-TWO-SIXTY-TWO Feed Compound

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

(See also Vitamin D Carriers)

All-Mash Breeder
Breeder Mash
Calf Starter
Calving Ration
Cash maker
Champion
Class Leader
Darimore
Fulpail
Gee-Mix
Goalmaker
Lay-Mix
Matchmaker
Milkmore
Milksaver
Mixed Feed A
Pig Primer
Pork Builder
Porklets
Porkmix

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

Rabbettes
Supmix
Sweepstakes
Turkey Breeder Pellets
Turkey Finisher Pellets
Turkey Grower

Eckhart Milling Co., 1300 W. Carroll Ave., Chicago, Ill.

Ecko Pure Wheat Bran
Standard Wheat Middlings with Ground Recleaned Wheat Screenings

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

Elmore Booster Pellets
Elmore Breeder Mash
Elmore Bull Feed
Elmore Calf Grain Ration
Elmore Chick Feed
Elmore Complete Breeder Ration
Elmore Complete Growing Ration
Elmore Complete Market Egg Ration
Elmore Complete Rabbit Ration Pellets
Elmore Complete Turkey Breeder Ration
Elmore Complete Turkey Growing Ration
Elmore Dry & Freshening Ration
Elmore Egg Mash
Elmore Fitting Ration 14%
Elmore Flaked Pelleted Calf Starter
Elmore Fleshing Pellets
Elmore Game Bird Grower
Elmore Goat Ration
Elmore Grand Champion Ration
Elmore Growing Mash
Elmore Hog Ration
Elmore Horse Crunchies
Elmore Horse Feed
Elmore M.A.C. Laying Mash
Elmore Makingrow Little Pig Ration
Elmore Milk Grains "Sixteen"
Elmore Milk Grains "Twenty"
Elmore Mixed Feed "A"
Elmore Pacemaker 16% Dairy Ration
Elmore Pacemaker 18% Dairy Ration
Elmore Pacemaker Fitting Ration 14%
Elmore Poultry & Turkey Fitting Ration
Elmore Super Silage
Elmore 30% Supplemental Dairy Ration
Elmore Test Ration 16%
Elmore Test Ration 18%
Elmore Turkey Breeder Mash
Elmore Turkey Finisher (Fattener)
Elmore Turkey Growing Mash

John W. Eshelman & Sons, Lancaster, Pa.

Conestoga 18 Dairy Feed
Lancaster Scratch Grains
Penny 16 Dairy Feed
Penny Laying Mash
Red Rose Breeder Mash
Red Rose Broiler Finisher
Red Rose Calf Grower
Red Rose Calf Starter
Red Rose Chick Grains

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

Red Rose Complete Breeder Ration
 Red Rose Complete Growing Ration
 Red Rose Complete Laying Ration
 Red Rose Complete Turkey Finisher
 Red Rose Complete Turkey Grower
 Red Rose 16 Dairy Feed
 Red Rose 18 Dairy Feed
 Red Rose 24 Dairy Feed
 Red Rose 32% Dairy Supplement
 Red Rose Duck Grower & Breeder
 Red Rose Fattening Mash
 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 & Sow Meal
 Red Rose Pigeon Feed
 Red Rose 36% Poultry Supplement
 Red Rose Rabbit Pellets
 Red Rose Scratch Grains
 Red Rose Starter & Grower
 Red Rose Steer Feed
 Red Rose Super Dairy Feed
 Red Rose 14 Test Cow Ration
 Red Rose Turkey & Broiler Fitting Feed
 Red Rose Turkey Grower
 Red Rose Turkey Starter
 Red Rose Wheat & Cracked Corn
 S-O-S

Evans Milling Co., 1730 W. Michigan St., Indianapolis, Ind.
 Emco Hominy Feed

FMS Incorporated, 5903 Northwest Highway, Chicago 31, Ill.
 FMS—A food for baby animals to be used in place of milk

Fairmont Foods Co. Inc., 197 Scott St., Buffalo 4, N. Y.
 Fairmont's Better Brand Condensed Buttermilk

Farm Bureau Association, 155 Lexington St., Waltham, Mass.
 Farm Bureau Complete Market Egg Mash or Pellets
 Farm Bureau 16% Dairy Ration
 Farm Bureau 20% Dairy Ration
 Farm Bureau Fitting Ration
 Farm Bureau Market Egg Mash or Pellets
 Farm Bureau 14% Milking Ration
 Special 14 Dairy (Flood Emergency Mixed Feed) Type B

Farm Bureau Cooperative Ass'n., 245 No. High St., Columbus 16, Ohio
 Dehydrated Alfalfa Meal

Farmers Feed Co., 375 Johnson Ave., Brooklyn 6, N. Y.
 "Bull Brand" Brewers Dried Grains

Fish Products Co., Lewes, Del.
 Smith's Lifeline Brand Fish Meal

Fishel Products Co., P. O. Box 66, Kingsburg, Calif.
 Amburgo Supertrate

Fishery Products, Inc., 1200 W. Ninth St., Cleveland, Ohio
 Monroe Brand Fish Meal

Florida Citrus Canners Cooperative, Lake Wales, Fla.
 Lake Wales Brand Citrus Pulp

Flory Milling Co., Bangor, Pa.
 Flory 32% Dairy Mixing Feed
 Flory Superior 16% Dairy Feed

The Fox Co., Newfield, N. J.
 (See also Vitamin D Carriers)
 Foxco Flavitein

Fruit Industries, Bradenton, Fla.
 Tropicana's Sweetest Dried Citrus Pulp

General Foods Corp., Corn Mill Div., 180 So. Dearborn Ave., Kankakee, Ill.
 Burt's Hominy Feed

General Mills, Inc., 400 Second Ave. So., Minneapolis, Minn.
 Arlington Wheat Second Clear
 Ben Hur Wheat Bran & Ground Wheat Screenings
 Ben Hur Wheat Standard Middlings & Ground Wheat Screenings
 General Mills 44% Protein Solvent (Hexane) Extracted Soybean Oil Meal
 Gold Medal Wheat Germ Meal Type A
 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 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., Larro Region, 15800 W. McNichols Rd., Detroit 35, Mich.
 Larro Chick Grains
 Larro Poultry SureHatch 38
 Larro Poultry SureHatch Complete "H-E"
 Larro Poultry SureHatch "H-E"
 Larro Scratch Grains
 Larro SureBeef 50
 Larro SureBroiler 38
 Larro SureBroiler 42
 Larro SureBroiler Finisher
 Larro SureBroiler Finisher 23
 Larro SureBroiler Finisher 23-X
 Larro SureCalf
 Larro SureCalf Mixer
 Larro SureCattle 32
 Larro SureChick

General Mills, Inc., Larro Region, 15800 W. McNichols Rd., Detroit 35, Mich.—Cont.

Larro SureFat 1
 Larro SureGrow Complete "H-E"
 Larro SureLay 26
 Larro SureLay 38
 Larro SureLay Cage
 Larro SureLay Complete "H-E"
 Larro SureLay "H-E"
 Larro SureMilk 14
 Larro SureMilk 16
 Larro SureMilk 20
 Larro SureMilk 32
 Larro SureMilk 33
 Larro SureMilk 50
 Larro SurePasture Balancer
 Larro SurePork 35
 Larro SurePork 40
 Larro SurePork Complete
 Larro SurePoult
 Larro SurePoult 38
 Larro SureRabbit
 Larro SureRaise
 Larro SureStart
 Larro SureTurk
 Larro SureTurk 38
 Larro SureTurk Finisher Complete
 Larro SureTurk Fryer Complete
 Larro SureTurk Grower Complete
 Larro Turkey SureHatch
 Larro Turkey SureHatch Complete

The Glidden Co., Chemurgy Div., 1825 N. Laramie Ave., Chicago, Ill.
Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal**Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.**

Globpro Brand Fish Meal 55%
 Globpro Brand Fish Meal 60%

Goldenrod Oil Meal Sales Co., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal-Prime Quality

Gooderham & Worts Ltd., Toronto, Canada

Registered by *Riverside Elevator Co., Detroit, Mich.*
 Corn Distillers' Dried Grains

Gorton-Pew Fisheries Co. Ltd., 327 Main St., Gloucester, Mass.

(See also *Vitamin D Carriers*)
 Gorton's A1-Blend "Junior"
 Gorton's A1-Blend "Senior"
 Gorton's Mar-Vi-Tic Blend

Grace Chemical Co., Div. of W. R. Grace & Co., Box 4906, Memphis, Tenn.
Nurea Feed Compound**Grandin Brothers Corporation, Jamestown, N. Y.**

Golden Harvest Complete Egg Mash
 Golden Harvest 14% Fitting Ration
 Golden Harvest Growing Mash
 Golden Harvest Laying Mash

Grandin Brothers Corporation, Jamestown, N. Y.—Cont.

Golden Harvest Pasture Ration
 Golden Harvest 16% Test Ration
 Golden Harvest 18% Test Ration
 Grandin's Baby Chick Grains
 Grandin's Calf Starter
 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 Peerless 14 Fitting Ration
 Grandin's Pig & Sow Feed
 Grandin's Pork Maker
 Grandin's Rabbit Pellets
 Grandin's Short Station Feed
 Grandin's Start-To-Finish Mash
 Grandin's Succulent 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

The 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, Canada

Wheat Shorts

Green Acre Farms, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal

Pablo Hadra & Cia. S.A., Buenos Aires, Argentina

Registered by *Inter-State Commodities Inc., Albany 1, N. Y.*
 Corn Distillers Grains (Dark)

Haffenreffer & Co., Inc., 30 Germania St., Boston 30, Mass.

Haffenreffer & Company's Brewers' Dried Yeast

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

Gold Flake 16 Dairy
 Pioneer Beef Fitting Ration
 Pioneer Bull Feed
 Pioneer Calf Starter
 Pioneer Dairy Fitting Feed
 Pioneer Dairy Production 16
 Pioneer Dairy Production 18
 Pioneer Dry & Freshening
 Pioneer Greeno

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

Pioneer Horse Feed
 Pioneer Milk Replacer
 Pioneer Pelleted Flaked 15 Dairy
 Pioneer Pelleted Flaked 18 Dairy
 Pioneer Rabbit Pellets
 Pioneer Sup-Pel Pellets
 Red Comb All Mash Grower
 Red Comb All Mash Layer
 Red Comb Breeder Mash
 Red Comb Broiler Finisher
 Red Comb Broiler Mash
 Red Comb Broiler Station Fattener
 Red Comb C Flakes
 Red Comb Chick Starter
 Red Comb Crate Fattener
 Red Comb 1-Day Station Pellets
 Red Comb Duck Grower
 Red Comb Duck Starter
 Red Comb Egg Mash
 Red Comb Fine Chick
 Red Comb Growing Mash
 Red Comb Poultry Flesher
 Red Comb Scratch Feed
 Red Comb Turkey Finisher
 Red Comb Turkey Grower
 Red Comb Turkey Starter

A. E. Hall, Wallingford, Conn.

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

Harper Feed Mills, Inc., Washington, Pa.

Harco Short Feed Station Fattener Pellets
 Harco Station Fattener Pellets

A. Hodos & Sons, Inc., Ansonia, Conn.

Registered by Clyde Milling Corp.
 Nate's Complete Laying & Growing Mash
 Nate's Life Span 15
 Nate's Meat Bird Finisher

Hoham Laboratories, Inc., Auburn, Ind.

(See also Vitamin D₃ Carriers)
 Fashion Club "Formula 29" Horse & Pony Supplement

Honeggers' & Co., Inc., Fairbury, Ill.

Big "H" Quality All-Mash Breeder Ration

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

Dried Skimmed Milk
 Hood's Calf Starter
 Powdered Skim Milk

The Hubinger Co., Keokuk, Iowa

Ke OK uk 21% Protein Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Dixie Brand 41% Cottonseed Meal

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

Hominy Feed

J. F. Imbs Milling Co., 420 Merchants Exchange Bldg., St. Louis 2, Mo.

Charm Pure Winter Wheat Bran

Industrial Molasses Corp., 3033 Excelsior Blvd., Minneapolis 16, Minn.

Dried Molasses-Beet Pulp

Inland Mills, Inc., 1925 E. Grand Ave., Des Moines, Iowa

Certainty Hard Wheat Standard Middlings with Fine Ground Screenings not Exceeding Mill Run

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
 Target Wheat Reddog

Inter-State Commodities Inc., Box 7213, Albany 1, N. Y.

Corn Distillers Grains (Dark) (*Mfr'd by Pablo Hadra & Cia. S. A., Buenos Aires, Argentina*)

Iowa Milling Co., 411 Sixth St. N.E., Cedar Rapids, Iowa

Hygrade 44% Protein Solvent Extracted Soybean Oil Meal

Herman Isacs, Inc., Bridgeport, Conn.

Hi Test Meat & Bone Scrap

Mead Johnson & Co., Evansville, Ind.

XT-No. 58

Kellogg Company, Battle Creek, Mich.

Kellogg's Hominy Feed
 Kellogg's No. 1007 Mink Mix
 Kellogg's No. 1001 Mink Ration

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

Spencer Kellogg's 34% 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 Oil Meal-Solvent Extracted

Kennel Food Supply, 63 Mill Hill Terrace, Fairfield, Conn.

KFS Rabbit Pellets

Kentucky By-Products Corp., 2928 Garland Ave., Louisville, Ky.

Brewer's Dried Grain

Keystone Dehydrators, Box 204, Nazareth, Pa.

Keystone Super-Green Dehydrated Alfalfa Meal

Kraft Foods Co., 99 Park Ave., New York, N.Y.

Kraco Dried Whole Whey
 Kraylets
 Kraylets Plus 2

Chas. A. Krause Milling Co., 404 E. State St., Milwaukee 1, Wis.
Badger Yellow Hominy Feed

Kuder Pulp Sales Co., Lake Alfred, Florida
Kuder Dried Citrus Pulp, High Sugar
Kuder Dried Citrus Pulp, High Sugar, Late Production

John Labatt Ltd., Ville LaSalle, Quebec, Canada
Registered by Toronto Elevators Ltd., Montreal, Canada
Labatt's Dried Brewers Grains

L. C. Latimer, South Coventry, Conn.
College 18% Dairy Ration
College Growing Mash
College Mash with Oil

Lauhoff Grain Co., 321 E. North St., Danville, Ill.
Vermilion Hominy Feed

Lauhoff Soya Co., Danville, Ill.
44% Protein Solvent Extracted Soybean Oil Meal

Libby, McNeill & Libby, 4134 S. Packers Ave., Chicago, Ill.
Headliner Brand Dried Citrus Pulp

The Libner Grain Co., 25 Commerce St., Norwalk, Conn.
Libner's Blue Ribbon Conn. Standard Chick Starter
Libner's Blue Ribbon 16% Dairy Ration
Libner's Blue Ribbon 12% Fitting Ration
Libner's Blue Ribbon Growing Mash
Libner's Blue Ribbon Horse & Calf Ration
Libner's Blue Ribbon Milk Egg Mash
Libner's Blue Ribbon Turkey Starter & Grower
Libner's 20% Milkflow Dairy Ration
Non-Fat Dried Milk Solids (*Mfr'd. by New England Milk Producers' Ass'n., West Springfield, Mass.*)

Lincoln Mills, Inc., 1203 West 23rd St., Indianapolis, Ind.
Pulverized Lincoln Oats Containing Wheat and Barley

Litchfield County Co-Operative Ass'n., Inc., 132 Railroad Ave., Torrington, Conn.
"Common Sense" Laying Mash

Little & McKinney Grain Co., Manchester, Conn.
Registered by Clyde Milling Corp., Clyde, N. Y.
Little & McKinney Egg Mash

Locust Grove Hatchery, Plainfield, Conn.
Registered by Yieldmor Feeds, Inc., Piqua, Ohio
Locust Grove Breeder Mash

L. B. Lovitt & Co., 314 Cotton Exchange Bldg., Memphis, Tenn.
"LOVIT BRAND" 41% Protein Cottonseed Meal

McCabe Grain Co. Limited, 409 Grain Exchange, Winnipeg, Canada
Ground Grain Screenings

McMillen Feed Mills, Div. of Central Soya Co. Inc., 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind.

Master Blend Dairy Concentrate
Master Mix All Mash Layer
Master Mix All Mash Pullet Grower
Master Mix Beef Concentrate
Master Mix Broiler Finisher
Master Mix Bulky Feed
Master Mix Calflac
Master Mix Calf-Mixer
Master Mix Chick Concentrate
Master Mix Complete Calf-Mix
Master Mix Complete Rabbit Pellets
Master Mix Complete Turkey Finisher
Master Mix 16% Dairy Feed
Master Mix 20% Dairy Feed
Master Mix Egg Concentrate
Master Mix Egg Formula
Master Mix Egglac Pellets
Master Mix Egg Mash
Master Mix Fitting Feed
Master Mix Hi-Calorie Broiler Concentrate
Master Mix Hi-Calorie Egglac Pellets
Master Mix Hi-Calorie Finisher Concentrate
Master Mix Hi-Calorie Poulter Concentrate
Master Mix Hi-Calorie Turkey Grower Concentrate
Master Mix 35% Hog Concentrate
Master Mix Horse Feed
Master Mix Layer Concentrate
Master Mix Pig Concentrate
Master Mix Pig-Ets
Master Mix Poulter Concentrate
Master Mix Poulter Starter
Master Mix Pullet Grower
Master Mix Sow Concentrate
Master Mix Sow & Pig Concentrate
Master Mix Sweet 14% Dairy
Master Mix Sweet 16% Dairy
Master Mix Sweets
Master Mix Turkey Breeder Pellets
Master Mix Turkey Grower
Master Mix Turkey Grower Concentrate
Master Mix Waylac

A. S. MacDonald Commission Co., 106 Grain & Flour Exchange, Boston 9, Mass.
Parrheim Brewers Dried Grains (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Canada*)
Parrheim Pure Wheat Bran (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Canada*)
Brewer's Dried Grains (*Mfr'd. by Sherwood Feed Mills, Inc., Baltimore, Md.*)

Machnicki's Grain Store, Canal St., Jewett City, Conn.
Machnicki's Hi-Energy All-Mash Layer

The Manitoba Sugar Co. Ltd., Winnipeg, Canada
Registered by Mowat, Wilson & Co., Detroit, Mich.
Dried Molasses-Beet Pulp

Maple Leaf Milling Co., Ltd., Toronto, Canada*Registered by Chas. M. Cox Co., Boston, Mass.*

Maple Leaf Shorts
 Rex Wheat Bran
 Rex Wheat Middlings

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

B-B Bull Brand "16" Dairy Ration
 B-B Bull Brand Fitting Ration
 B-B Bull Brand 16% Special Dairy Ration
 B-B Bull Brand 18% Special Dairy Ration
 B-B Complete Growing Ration
 B-B Complete Laying Ration
 B-B Horse Feed
 B-B Laboratory Rabbit Diet
 B-B Maco Breeder Mash
 B-B Maco Complete Breeder Ration
 B-B Maco Complete Growing Ration
 B-B Maco Complete Laying Ration
 B-B Maco Conditioning Mash
 B-B Maco Egg Mash
 B-B Maco Growing Mash
 B-B Maco Turkey Fitting Ration
 B-B Scratch Feed
 Marmico 16% Protein Dairy Feed

Meadow Brook Farms, Nazareth, Pa.

Meadow Brook Farms Dehydrated Alfalfa Meal

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 Wing Laying Mash
 Red Wing Pig & Hog Feed
 Red Wing Starting Mash
 Red Wing Stock Feed
 Special Balance Growing Mash
 Special Balance High Efficiency Complete Growing Mash
 Special Balance High Efficiency Complete Laying Mash
 Special Balance Laying Mash
 Special Balance Needy-Pen Antibiotic Laying Mash
 Special Balance Starting Mash

The Mennel Milling Co., 1712 Toledo Trust Bldg., Toledo, Ohio

Memo Wheat Flour Middlings with Mill Run Screenings

Menominee Sugar Co., Green Bay, Wis.

Registered by H. K. Webster Co., Lawrence, Mass.
 Dried Beet Pulp

The Merchants Creamery Co., 536 Livingston St., Cincinnati, Ohio

(See also Vitamin D Carriers)
 Blue Ribbon "E"ulsion
 Blue Ribbon Special

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

Malt Sprouts

Miller Alfalfa Co., Jackson & Gorman Sts., Defiance, Ohio

Miller's Choice Brand Dehydrated Alfalfa Meal 17%

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

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

Minnesota Linseed Oil Co., 25 44th Ave. N. E., Minneapolis 21, Minn.

Minnesota 36% Protein Solvent Extracted Linseed Oil Meal

Minute Maid Corporation, Leesburg, Fla.

Golden Isle Citrus Pulp
 Sunfilled Brand Citrus Pulp

Molson's Brewery, Ltd., Montreal, Canada

Registered by The Yantic Grain & Products Co., Norwich, Conn.
 Brewers Dried Grains

Montmorency Distillery Ltd., Beaupre, Canada

Corn Distillers Dried Grains

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

Moon Baby Chick Grains
 Moon Complete Growing Mash
 Moon Complete Laying Mash
 Moon Complete Starter & Broiler Mash
 Moon Dairy Fitting Ration
 Moon 16% Dairy Ration
 Moon Growing Mash
 Moon Hog Feed
 Moon Horse Feed
 Moon Laying Mash
 Moon N. E. Complete Laying Mash
 Moon Poultry Fitting Ration
 Moon Rabbit Pellets
 Moon Scratch Feed
 Moon Starter Mash
 Moon Super Laying Mash
 Moon 16% Test Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill Chick Starter
 Old Mill Complete Pullet Grower
 Old Mill 16% Dairy Feed
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Hi-Calorie Broiler Finisher
 Old Mill Hi-Calorie Broiler Mash
 Old Mill Hi-Calorie Complete Layer
 Old Mill Hi-Calorie Prime Finisher
 Old Mill High-Energy Laying Mash
 Old Mill Laying Mash
 Old Mill Rabbit Pellets
 Old Mill Starting Mash

Mowat, Wilson & Co., 18675 James Couzens Highway, Detroit 35, Mich.
Dried Beet Pulp
Dried Molasses-Beet Pulp (Mfr'd. by The Manitoba Sugar Co. Ltd., Winnipeg, Canada)

Nappanee Milling Co., Inc., Nappanee, Ind.
Hominy Feed

National Alfalfa Dehydrating & Milling Co., Lamar, Colo.
Jack Rabbit 17% Protein Dehydrated Alfalfa Meal

National Biscuit Co., Toledo Mill, 2221 Front St., Toledo, Ohio
Namico
Pure Wheat Bran

National Distillers Products Corp., 99 Park Ave., New York 16, N. Y.
Corn Distillers Dried Grains
Nadrisol Brand Corn Distillers Dried Solubles
Produlac Brand Corn Distillers Dried Grains with Solubles

National Foods, Inc., 1224 W. 23rd St., Indianapolis, Ind.
Pulverized Feed Oats

National Fruit Product Co., Inc., Winchester, Va.
White House Dehydrated Apple Pulp

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis 6, Minn.
(See also Vitamin D Carriers)
Calvita (Trade Mark Reg.) Calf Formula

Neumond, Inc., 300 Merchants Exchange, St. Louis, Mo.
Standard's 13% Suncured Steamed Dairy Cut Alfalfa

New England Milk Producers' Assn'n., West Springfield, Mass.
Registered by Libner Grain Co., Norwalk, Conn.
Non-Fat Dried Milk Solids

New Jersey Menhaden Products Inc., Rio Grande Blvd., Wildwood, N. J.
Hi-Seas Menhaden Fish Meal

Newton Concentrates, P. O. Box 430, Albany 1, N. Y.
Newton Bovine Concentrate (Sweet Fourteen)
Newton Bovine Concentrates (Sweet Super)
Newton Bovine Fitting & Fattening Concentrates
Newton Bovine (Super) Concentrates
Newton Green Roughage Concentrates

Nopco Chemical Co., Harrison, N. J.
(See also Vitamin D Carriers)
Nopcay "10" Type IV
Nopdex "3000"
Quadrex "20" Type IV

Northern Ohio Sugar Co., 1530 Sixteenth St., Denver, Colo.
GW Dried Beet Pulp

Odgen Grain Co., Utica, N. Y.

Ogden Breeder Mash
Ogden Chick Feed
Ogden Complete Chick Starter
Ogden Complete Starter Grower Layer Breeder
Ogden 16% Dairy Feed
Ogden Developer Feed
Ogden Fitting Ration
Ogden Growing Mash
Ogden Hi-Energy Laying Mash
Ogden Horse Feed
Ogden Laying Mash
Ogden Rabbit Pellets
Ogden Scratch Grains
Ogden Super Hi-Energy Laying Mash
Ogden U-T-K Fitting Ration
Ogden U-T-K Sweet 16%
Ogden U-T-K Sweet 18%

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

Pabst Brewing Co., 221 N. LaSalle St., Chicago, Ill.
Pabst Yellow Hominy Feed

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

Dried Beet Pulp (Mfr'd. by Buckeye Sugars Inc., Ottawa, Ohio)
Emergency Ration 16A
Green Acres 14%
Hi-Prime Complete Turkey Finisher
Hi-Prime Complete Turkey Grower
Hi-Prime Turkey Fitting Ration
Hi-Prime Turkey Grower
Hi-Prime Turkey Starter
Lay or Bust All Mash Grower
Lay or Bust All Mash Layer
Lay or Bust Egg Mash
Lay or Bust Fleshing Pellets
Lay or Bust Growing Feed
Lay or Bust Hi-Power Broiler Finisher
Lay or Bust Hi-Power 20% Broiler Ration
Lay or Bust Hi-Power 22% Broiler Ration
Lay or Bust Hi-Valu Pellets
Lay or Bust Poultry Fitting Ration
Milk Maid Bulky Sweet Dairy
Milk Maid Calf Starter
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 Milk Replacer
Milk Maid Sheep & Goat Feed
Milk Maid 14% Test Ration
Milk Maid 18% Test Ration
Park & Pollard Complete Chick Starter
Park & Pollard Complete Grower
Park & Pollard Complete Layer
Park & Pollard 16% Dairy
Park & Pollard Fitting Ration
Park & Pollard Go-Tu-It Pig Grower
Park & Pollard Go-Tu-It Pig Starter
Park & Pollard Growing Feed

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

Park & Pollard Hi-Speed Horse Feed
 Park & Pollard Laying Mash
 Park & Pollard Power Pakt Horse Feed
 Park & Pollard Rabbit Pellets
 Park & Pollard Stock Feed
 Red Ribbon 16% Dairy Ration
 Red Ribbon 20% Dairy Ration

Parrish & Heimbecker Ltd., Toronto, Canada

Registered by A. S. MacDonald Commission Co. Inc., Boston, Mass.
 Parrheim Brewers Dried Grains
 Parrheim Pure Wheat Bran

Pasco Packing Co., Dade City, Fla.

Sugar Sweet Citrus Meal
 Sugar Sweet Citrus Pulp

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

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

21% Protein Douglas Corn Gluten Feed

Pet Milk Co., 1401 Arcade Bldg., St. Louis, Mo.

Pet Brand Dry Skimmed Milk

Pierce Feed Co., Inc., Brooklyn, Conn.

Pierce Complete Breeder
 Pierce Complete Gro-N-Lay
 Pierce Special Breeder
 Pierce Special Broiler
 Pierce Special Gro-N-Lay
 Pierce 20% Starter Mash

Pillsbury Mills, Inc., Minneapolis, 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 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

Pillsbury of Canada Ltd., Midland, Canada

Dandy Wheat Bran
 Dandy Wheat Shorts

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

Ruler Brand Pure Wheat Shorts

The Quaker Oats Co., Merchandise Mart Plaza, Chicago, 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 Bulky Boss
 Ful-O-Pep Cage Layer
 Ful-O-Pep Calf Starter
 Ful-O-Pep Chick Starter
 Ful-O-Pep Crate Fattener
 Ful-O-Pep 32% Dairy Concentrate
 Ful-O-Pep 40% Dairy Concentrate
 Ful-O-Pep Derwood Horse Crunch
 Ful-O-Pep Egg-Breeder Mash
 Ful-O-Pep Egg-Breeder Ration
 Ful-O-Pep Egg Mash
 Ful-O-Pep Egg Ration
 Ful-O-Pep Fattening Feed Pellets (Special)
 Ful-O-Pep Fine Chick Grains
 Ful-O-Pep Fitting Feed
 Ful-O-Pep 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 Laying Ration
 Ful-O-Pep Milking Feed
 Ful-O-Pep Pig-N-Sow Ration
 Ful-O-Pep Pig Starter
 Ful-O-Pep Pork Ration (A Complete Hog Feed)
 Ful-O-Pep 36% Poultry Concentrate
 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 Pellets
 Ful-O-Pep Sweet 16 Dairy Feed
 Ful-O-Pep Turkey Breeder
 Ful-O-Pep 17% Turkey (Broiler) Finisher Ration
 Ful-O-Pep Turkey Finisher Pellets
 Ful-O-Pep 26% Turkey Grower
 Ful-O-Pep 20% Turkey Grower Ration
 Ful-O-Pep Turkey Starter
 Muffets Shredded Wheat Feed
 Peterborough Oat Mill By-Product
 Quaker Sugared Schumacher Feed
 Screened Cracked Corn
 Sugared Vim Feed
 Vim Oat Meal By-Product
 Yellow Hominy Feed

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.

Corn & Oat Provender
 Dairy Premix
 Emergency Mixed Feed A (E)
 Emergency Mixed Feed B (E)
 Northeastern Scratch Feed
 Northeastern Scratch Feed (For Pullets)
 41% Protein Cottonseed Meal
 41% Protein Solvent Extracted Cottonseed Meal
 Purina B & M Cow Chow

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.—Cont.

Purina B & M Cow Chow D
 Purina Beef Chow
 Purina Breeder Lay Chow E
 Purina Breeder Lay Chow S
 Purina Breeder Layena (Complete Ration) E
 Purina Broiler Chow E
 Purina Broiler Chow Finisher E
 Purina Broiler Fattener E
 Purina Bulky Las
 Purina Calf Startena E
 Purina Chick Chow (Coarse)
 Purina Chick Chow (Fine)
 Purina Chick Growena E
 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 16% (Coarse)
 Purina Cow Chow Concentrate
 Purina Cow Chow 18% D
 Purina Cow Chow E 16%
 Purina Cow Chow 16% (Fine)
 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 Egg Chow E
 Purina Eggena E
 Purina Flock Chow E
 Purina Fox Chow
 Purina Fox Chow (Without Meat Meal)
 Purina Game Bird Breeder Layena (Complete Ration)
 Purina Game Bird Growena E
 Purina Game Bird Startena
 Purina Goat Chow E
 Purina Hog Chow Supplement
 Purina Hog Fatena E
 Purina Lay Chow E
 Purina Lay Chow S
 Purina Layena (Complete Ration) E
 Purina Milk Chow E 16%
 Purina Mink Chow
 Purina Mink Chow E
 Purina Nursing Chow
 Purina Omolene
 Purina Pigeon Chow Checkers E
 Purina Pig Startena E
 Purina Poultry Booster Chow E
 Purina Pullet Developer E
 Purina Rabbit Chow Checkers (20%)
 Purina Rabbit Chow Checkers (Complete Ration) E
 Purina Rabbit Chow Checkers WO (E)
 Purina Range Checkers
 Purina Roaster Chow E
 Purina Sow & Pig Chow (Supplement)
 Purina Special Steer Fatena
 Purina Steer Fatena 65%
 Purina Super Breeder Lay Chow
 Purina Super Breeder Layena (Complete Ration)

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.—Cont.

Purina Super Lay Chow E
 Purina Super Layena (Complete Ration) E
 Purina Turkey Breeder Developer E
 Purina Turkey Breeder Layena E
 Purina Turkey Fatena E
 Purina Turkey Growena E
 Purina Turkey Pre-Starter E
 Purina Turkey Startena E

Reading Milling Co., Inc., Reading, Pa.

Customer's Turkey Grower (Pellets)
 Faramel Rabbit Food Pellets

Red Star Yeast and Products Co., 221 E. Buffalo St., Milwaukee, Wis.

Torafed Brand Dried Torula Yeast

Reliable Grain & Fuel Co., 176 Westfield Ave., Ansonia, Conn.

Reliable 16% Dairy Feed

James Richardson & Sons, Ltd., 2 King St. East, Ontario, Canada

Topnotch Wheat Bran (Mfr'd. by Topnotch Flour Mills, Seaforth, Canada)
 Topnotch Wheat Shorts (Mfr'd. by Topnotch Flour Mills, Seaforth, Canada)

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

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

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

50% Rubco Meat & Bone Meal
 55% Rubco Meat & Bone Meal

Russell-Miller Milling Co., 860 Grain Exchange, Minneapolis 15, Minn.

Occident Wheat Bran
 Occident Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill Run or 8%
 Occident Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run or 8%
 Wheat Germ
 Wheat Red Dog

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

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 Hi-Speed Starter & Broiler Ration
 Wolf's Horse Feed
 Wolf's Performo-Las
 Wolf's Pig & Hog 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

- Schenley Distillers, Inc., 350 Fifth Ave., New York 1, N. Y.**
Schenley Mark of Merit Corn Distillers Dried Grain with Solubles
Schenley Soludri Corn Distillers Dried Solubles
- Schoeneck Farms, Inc., R. D. No. 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., Seventh Street Rd., Louisville, Ky.**
Seagram's Corn Distillers Dried Grains 24%
Seagram's Corn Distillers Dried Grains 26%
Seagram's Corn Distillers Dried Solubles
- Seymour Grain & Coal Co., 100 Main St., Seymour, Conn.**
Miracle All-Mash Layer
Miracle Dairy
Miracle Fitting Ration
Miracle Grower
Miracle 20% Grower
Miracle Laying Mash
Miracle Scratch Feed
New England Mash
See-More Milk Dairy Ration 18%
See-More Milk Dairy Ration 20%
- The Sherwin-Williams Co., 101 Prospect Ave. N.W., Cleveland, Ohio**
Sherwin-Williams 34% Linseed Oil Meal (A Blend of Expeller and Solvent Extracted Meals)
- Sherwood Feed Mills, Inc., 500 President St., Baltimore, Md.**
Registered by A. S. MacDonald Commission Co., Boston, Mass.
Brewer's Dried Grains
- Sherriff-Horsey Corporation Ltd., Plant City, Fla.**
J. William Horsey Brand Dried Citrus Pulp
- Silmo Laboratories, Vineland, N. J.**
(See also Vitamin D Carriers)
Vit-ad 1500
Vitay 3000
Vitay 5000
Vit-D-1500
- David Small, East Hartford, Conn.**
Registered by Yieldmor Feeds, Inc., Piqua, Ohio
David Small High Efficiency All Mash Breeder
- The W. J. Small Co., Div. Archer-Daniels-Midland Co., 1200 Oak St., Kansas City, Mo.**
Small's 17% Dehydrated Alfalfa Meal
Small's 20% Dehydrated Alfalfa Meal
- Allen V. Smith Inc., Marcellus Falls, N. Y.**
Smith's Barley Feed (Red Tag Brand)

- B. T. Smith Concentrates, Inc., P. O. Box 398, Lakeland, Fla.**
B. T. Smith Brand Dried Citrus Pulp
- 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
- Southern Fruit Distributors Inc., Orlando, Fla.**
Bluebird Citrus Pulp
- South Windsor Grain Co., South Windsor, Conn.**
Valley Laying Mash
- A. E. Staley Manufacturing Co., Decatur, Ill.**
Staley's 21% Corn Gluten Feed
Staley's 41% Corn Gluten Meal
Staley's HI-PRO-CON 50% Protein Dehulled Solvent Extracted Soybean Oil Meal
Staley's 44% Protein Solvent Extracted Soybean Oil Meal
- Standard Brands Inc., 595 Madison Ave., New York 22, N. Y.**
(See also Vitcn. in D Carriers)
Fleischmann's FIDY Type 36-F Irradiated Dry Yeast
- D. A. Stickell & Sons, Inc., 67 West Baltimore St., Hagerstown, Md.**
Su-Pur Rabbit Pellets¹
- Suni-Citrus Products Co., Haines City, Fla.**
Registered by Cocke & Co., Atlanta, Ga.
Suni-Citrus Meal
Sweet Suni-Citrus Pulp
- Sunny Slope Farms, Inc., Nazareth, Pa.**
Sunny Slope Farms Brand Dehydrated Alfalfa Meal
- Sunshine Biscuits, Inc., Milling Div., Grafton, Ohio**
UMC Wheat Bran-Pure Wheat Bran²
UMC Wheat Middlings (with Ground Screenings not Exceeding Mill Run)
- Sunshine Biscuits, Inc., Milling Div., Kansas City, Kansas³**
U.M.C. Wheat Bran-Pure Wheat Bran
- Swift & Company, Box 110, 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 18% Dairy Ration
Thomaston Dry Stock Feed
- Topnotch Flour Mills, Seaforth, Canada**
Registered by James Richardson & Sons, Ltd., Ontario, Canada
Topnotch Wheat Bran
Topnotch Wheat Shorts

Toronto Elevators Limited, 206 Board of Trade Bldg., Montreal, Canada
Labatt's Dried Brewers Grains (Mfr'd. by John Labatt Ltd., Ville LaSalle, Quebec, Canada)

Trexler Springwood Farms Division, 1227 Hamilton St., Allentown, Pa.
17% "Buffalo Brand" Dehydrated Alfalfa Meal

Tri Associates, Inc., 8500 Pillsbury Ave. South, Minneapolis, Minn.
(See also Vitamin D Carriers)
Tri's Grade A Calf Milk-Replacer

Trico Feed Mills, Inc., Minden, Nebr.
Dehydrated Alfalfa Meal

Ultra-Life Laboratories, Inc., 35th & Walnut Sts., East St. Louis, Ill.
Ultra Brand Poul-Centrate
Ultra-Life Beef-Gro
Ultra-Life Calf Food Pellets
Ultra-Life High Energy Poultry
Ultra-Life Livestock
Ultra-Life New Turkey-Gro
Ultra-Life Pig-Gro

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

United Co-operative Farmers, Inc., 339 Broad St., Fitchburg, Mass.
UCF All Mash Breeder
UCF All Mash Grower & Layer
UCF Breeder
UCF Broiler Mash
UCF Calf Meal
UCF Calf Starter
UCF 16% Dairy
UCF 20% Dairy
UCF Dry & Freshening Ration
UCF Egg Mash
UCF Fitting Ration
UCF Grower
UCF Hi NRG All Mash
UCF Hi NRG All Mash Grower & Layer
UCF Hi NRG Poultry Finishing Ration
UCF Horse Feed
UCF Layer
UCF Milkmaker
UCF Mix Feed
UCF Pig & Hog Feed
UCF Poultry Fattening Ration
UCF Poultry Fitting Ration
UCF Stock Feed
UCF Super Broiler Mash
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
Unity Bulky Mix Ration

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

Unity Calving Ration
Unity Complete Rabbit Pellets
Unity Dairy & Fitting Ration
Unity 16% Dairy Ration
Unity 20% Dairy Ration
Unity Growing & Laying Mash
Unity High Energy Breeder Mash
Unity High Energy Growing & Laying Mash
Unity Horse Feed
Unity Improved Calf Ration
Unity Pig & Hog Ration
Unity Scratch Feed
Unity Turkey Finishing Pellets
Unity Turkey & Game Bird Growing Mash

Universal Grain Co. of New Jersey, 425 South St., Newark, N. J.
Superior Cow Brand Dried Brewers Grains

Hiram Walker & Sons, Inc., Foot of Edmund St., Peoria, Ill.
Corn Distillers' Dried Grains with Solubles

Hiram Walker & Sons Ltd., Walkerville, Ontario, Canada
Registered by Riverside Elevator Co., Detroit, Mich.
Corn Distillers' Dried Grains
Walker's Stimuflav (Corn Distillers' Dried Solubles)

Wm. S. Warren & Son, Eastford, Conn.

Registered by Camp Milling Co., Inc., Walton, New York
Registered by Clyde Milling Corp., Clyde, N. Y.
Registered by Crawford Brothers, Inc., Walton, N. Y.
Registered by Delaware Mills, Inc., Deposit, N. Y.
Warren's Broiler Mash (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Calf Starter (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Chick Starter (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Complete Growing Mash (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Complete Growing Mash (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Complete Layer (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Complete Laying Mash (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Dairy Fitting Ration (Mfr'd. by Clyde Milling Corp., Clyde, N. Y.)
Warren's 16 Dairy Ration (Mfr'd. by Clyde Milling Corp., Clyde, N. Y.)
Warren's Fitting Ration (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Growing Mash (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Growing Mash (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's H-E Grower (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's H-E Layer (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Indian 16% Dairy (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's Laying Mash (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Laying Mash (Mfr'd. by Clyde Milling Corp., Clyde, N. Y.)
Warren's Laying Mash (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)
Warren's 16% Milk Flow (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Milkproducer 16% Dairy Feed (Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.)
Warren's Milkproducer 16% Dairy Feed (Mfr'd. by Crawford Brothers, Inc., Walton, N. Y.)
Warren's 16% Test Ration (Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.)

The Watertown Co-operative Ass'n., Inc., 27 Depot St., Watertown, Conn.
Watertown Co-op 16% Dairy Feed

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

Blue Seal 16 "A" Dairy Ration
 Blue Seal 16 "B" Dairy Ration
 Blue Seal Advance Broiler
 Blue Seal All-Mash Breeder's Ration
 Blue Seal All-Mash Egg Ration
 Blue Seal All-Mash Growing Ration
 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 Fat & Finish Ration
 Blue Seal Fine "16" Dairy Ration
 Blue Seal Fine "20" Dairy Ration
 Blue Seal Fitting Ration
 Blue Seal Goat Feed
 Blue Seal Growing Mash
 Blue Seal Horse Feed
 Blue Seal Pig Feed
 Blue Seal Poultry & Turkey Fitting
 Blue Seal Rabbit Pellets
 Blue Seal Standard "16" Dairy Ration
 Blue Seal Standard 20 Dairy Ration
 Blue Seal Succulent Feed & Calving Ration
 Blue Seal Super Breeder's Mash
 Blue Seal Test Ration
 Blue Seal Turkey Growing
 Dried Beet Pulp (*Mfr'd. by Menominee Sugar Co., Green Bay, Wis.*)

Western Condensing Co., Box 739, Appleton, Wis.

(*See also Vitamin D Carriers*)

Peebles' Free Choice Feed
 Peebles' Poultry Fare
 Peebles' Poultry Premix
 Peebles' Super Calf-Kit

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

All Pure Milk Ration
 Cream-Line 16% Dairy Ration
 Cream-Line Dairy Test Ration
 Cream-Line Fitting Ration 14%
 Pure Feed Chick Grains
 Pure Feed Complete Grower
 Pure Feed Complete Layer-Breeder
 Pure Feed Complete Rabbit Pellets
 Pure Feed 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 Horse Ration
 Pure Feed Starting Mash
 Pure Feed Swine Ration
 Pure Feed Turkey Finisher
 Pure Feed Turkey Grower
 Pure Feed Turkey Starter
 Surplus Grain Ration Mixed Feed A

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 60% Fish Meal

Wilbur-Ellis Co., 40 Worth St., New York, N. Y.

Norwegian Herring Meal

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

Washington Coarse Scratch Feed
 Washington Horse Feed
 Washington Laying Mash

Wyatt Alfalfa Mill, Wyatt, Mo.

W.A.M. 17% Dehydrated Alfalfa Meal

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

Brewers Dried Grains (*Mfr'd. by Molson's Brewery, Ltd., Montreal, Canada*)
 Big Y All in All Egg Ration
 Big Y All in All Growing Ration
 Big Y Breeder Mash
 Big Y Calving Ration
 Big Y Chick Scratch Grain
 Big Y Complete Calf Starter & Builder
 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 32% Dairy Supplement Feed
 Big Y Egg Maker
 Big Y Fattening Pellets
 Big Y Fitting Ration
 Big Y Hi-Efficiency Breeder Ration
 Big Y Hi-Efficiency Grower
 Big Y Hi-Efficiency Laying Mash
 Big Y Hi-G Dairy Ration
 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 18%
 Big Y Meat Pullet & Caponette Ration
 Big Y Peerless Broiler & Starter Ration
 Big Y Poultry Fitting Ration
 Big Y Progressive Growing Feed
 Big Y Purity Dairy Ration 16%
 Big Y Rabbit Pellets
 Big Y Sheep & Goat Feed
 Big Y Six-Week Broiler Pellets
 Big Y Stock Feed
 Big Y Super Starter-Broiler Ration
 Big Y Supreme Laying Mash
 Big Y Test Cow Ration
 Big Y Turkey Fattener
 Big Y Turkey Growing Feed
 Connecticut Flood Emergency Mixed Feed A

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

Locust Grove Breeder Mash (*Mfr'd. for Locust Grove Hatchery, Plainfield, Conn.*)
David Small High Efficiency All Mash Breeder (*Mfr'd. for David Small, East Hartford, Conn.*)

Yieldmor 14% Dairy Fitting Ration
Yieldmor 16% Dairy Feed
Yieldmor High Efficiency All Mash Breeder
Yieldmor Hi-Energy Layer-Grower Mash
Yieldmor 14% Hog Fattener
Yieldmor Horse Feed
Yieldmor One Day Station Fattener Pellets
Yieldmor Poultry Fitting Ration
Yieldmor Rabbit Pellets
Yieldmor Station Fattener Pellets
Yieldmor Sweet Feed

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.**

C.C.C.F. Pre Mix

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

(*See also Feeds*)

Beacon High Vitamin D₂ Mix

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

(*See also Feeds*)

Borden's Dry D

Central Conn. Co-operative Farmers' Ass'n., Inc., 10 Apel Place, Manchester, Conn.

(*See also Feeds*)

Honest Brand Aureomycin Mix 100 Grams
Honest Brand Aureomycin Mix 200 Grams

Consolidated Products Co., Danville, Ill.

(*See also Feeds*)

Kaff-A
Pex for Broilers
Pex for Layers-Breeders
Pex for Poultry

Dawe's Laboratories, Inc., 4800 So. Richmond St., Chicago, Ill.

(*See also Feeds*)

Dawe's Fermentation Flavonne
Flavonne Ribo-D
Flavonne Ribo-D Special Blend No. 660

Dawnwood Farms, Smithfield Rd., Amenia, N. Y.

(*See also Feeds*)

Dawnwood Farms CAF-STAR Formula Feed for Calves

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

(*See also Feeds*)

DU PONT DELSTEROL 1500-D, "D" Activated Animal Sterol (Vitamin D₃) in Corn Meal
DU PONT DELSTEROL 3000-D, "D" Activated Animal Sterol (Vitamin D₃) in Corn Meal

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

(*See also Feeds*)

Calfsaver Tablets

The Fox Co., Newfield, N. J.

(*See also Feeds*)

Foxco Dependable Dry 1500D
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 A1-Blend "Junior"
Gorton's A1-Blend "Senior"
Gorton's Mar-Vi-Tic Blend

Hoham Laboratories, Inc., Auburn, Ind.

(*See also Feeds*)

Fashion Club "Formula 29" Horse & Pony Supplement

McKesson & Robbins, Inc., 225 Fourth Ave., New York 3, N. Y.

Cod Liver Oil USP Medicinal-High Potency

Marine Products Co., 339-349 W. First St., Boston 27, Mass.

Veterinary Cod Liver Oil

The Merchants Creamery Co., 536 Livingston St., Cincinnati, Ohio

(*See also Feeds*)

Blue Ribbon "E" mulsion

Merck & Co., Inc., Rahway, N. J.

No. 288 Vitamin Mixture

Myzon, Inc., 3129 W. 47th St., Chicago, Ill.

Myzon Formula 62 Poultry Builder
Myzon Poultry Bracer
Myzon Poultry Builder
Myzon Swine Builder

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis 6, Minn.

(*See also Feeds*)

Calvita (Trade Mark Reg.) Calf Formula

Nopco Chemical Co., Harrison, N. J.

(*See also Feeds*)

Nopco XXX
Nopdex "3000"
Quadrex "20" Type IV

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

Liverol
 Silmo X
 Silmo XX
 Vit-ad 1500
 Vit-D-150 M
 Vit-D-1500

Stabilized Vitamins, Inc., 57 Commerce St., Brooklyn 31, N. Y.

Perma-Mix
 Perma-Mix C.C.C. No. 1
 Perma-Mix C.C.C. No. 2
 Perma-Mix C.C.C. No. 3
 Perma-Mix C.C.C. No. 4

Standard Brands, Inc., 595 Madison Ave., New York 22, N. Y.*(See also Feeds)*

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

Tri Associates, Inc., 8500 Pillsbury Ave. South, Minneapolis, Minn.*(See also Feeds)*

Tri's Grade A Calf Milk-Replacer

Western Condensing Co., Box 739, Appleton, Wis.*(See also Feeds)*

Peebles' Free Choice Feed
 Peebles' Poultry Fare
 Peebles' Super Calf-Kit

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

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

SUMMARY OF INSPECTION

In the calendar year 1956, a total of 1,897 samples was examined. This total included official samples of commercial feeds, carriers of vitamin D and other vitamins, medicated feeds, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	172
Check feeds, A.A.F.C.O., etc.	17
Commercial feeding stuffs, official samples	938
Medicated feeds	64
Miscellaneous feeds, etc., analyzed for purchasers	92
Niacin and riboflavin carriers	12
Oat products	11
Pasture grass, etc., samples for Storrs Station	507
Vitamin D carriers, official samples	84
	<hr/>
	1,897

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 analyses of official inspection samples, other than vitamin D carriers, are summarized as follows:

Total number of samples	938
Samples deficient in:	
one item	89
two items	7
Percentage of samples meeting guaranties	96
Total guaranties made	2,806 ¹
Guaranties not met:	
protein	25
fat	63
fiber	15
Percentage of guaranties met	96

Thirty-two more samples were analyzed in 1956 than 1955, yet 13 fewer samples failed to meet all guaranties; the percentage of samples meeting all claims rose from 87 to 90. As has been the case for the past eight years, deficiencies in fat exceeded those for protein and fiber combined.

Despite this not-too-satisfactory situation with regard to fat guaranties, overall compliance with labelled claims must be considered very good, since 96 per cent of all guaranties were met. (This is the same percentage found in 1955.)

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

Vitamin D Carriers

Eighty-four samples of vitamin D carriers were examined during the year—over two-and-one half times as many as were tested in 1955. Results of biological assays are summarized in Table 2; assays of poultry feed supplements were made by the official A.O.A.C. Method 38.77 using day-old chicks, while the U.S.P. method using rats was employed for feed supplements for four-footed animals. Seventy-nine samples, or 94 per cent, met their guaranteed potencies or were sufficiently close thereto to be passed; this is a much better showing than the 78 per cent of last year.

During the entire 20-year period from 1937 to 1956 inclusive, 1,043 samples have been examined, of which 939, or 90 per cent, have been passed.

Twelve of this year's samples bore guaranties of niacin and riboflavin as well as of vitamin D, and one other sample guaranteed niacin

¹ Two samples with two guaranties and three with only one guaranty.

and vitamin D but not riboflavin. All were assayed for these other vitamins by official microbiological methods, with results as shown in footnotes 3 to 15 of Table 2. Nine samples, or 69 per cent, came within ± 20 per cent of the claimed amounts of both niacin and riboflavin as well as assaying satisfactorily for vitamin D; two were more than 20 per cent over guaranty in both niacin and riboflavin; one was too low in riboflavin and too high in niacin; and one passed its riboflavin guaranty but contained an excess of niacin.

Niacin and Riboflavin Carriers

While vitamin D supplements have been required to be registered in this State since 1937, and have been sampled and assayed during all of that period, sources of other vitamins have been exempted from registration because laboratory facilities to check their guaranties were not available. In 1954, however, a start was made in setting up a microbiological laboratory under Dr. Lester Hankin (who had succeeded Dr. Hubbell when she retired) for the purpose of expanding the number of vitamins that could be tested for. While the registration policy still remained unchanged in 1956, this year 12 samples of materials sold as sources of niacin and riboflavin but not vitamin D were picked up and assayed in addition to the 13 vitamin D-niacin-riboflavin samples listed in Table 2. Results on these samples are given in Table 3; ten, or 83 per cent, came within ± 20 per cent of all guaranties, and one each contained respectively excessive niacin and a slight excess of riboflavin.

Medicated Feeds

Medicated feeds were still not required to be registered in 1956, but 64 samples were taken (mostly by Food and Drug Commission Inspector William Stroffolino) and analyzed for their drug contents. Twenty-nine of these, or 45 per cent, met all guaranties, while 35 were deficient in one or more respects. Twenty-four samples contained sulfaquinoxaline (of which two also contained arsanilic acid); 37 contained nicarbazin (22 of these also contained arsanilic acid, and three others contained 3-nitro-4-hydroxyphenylarsonic acid); and one each contained furazolidone, 4-nitrophenylarsonic acid ("Histostat"), 3-nitro-4-hydroxyphenylarsonic acid and phenothiazine. Analyses of the sulfaquinoxaline feeds are given in Table 4; of the nicarbazin feeds in Table 5; and of the four feeds containing miscellaneous drugs in Table 6.

"Nicarbazin" is the trade name for an equimolecular mixture (or molecular compound) of 4,4'-dinitrocarbanilide (4,4'-dinitrodiphenyl urea) and 2-hydroxy-4,6-dimethylpyrimidine which has been introduced recently as a coccidiostat. It is apparently a more effective drug for this purpose than sulfaquinoxaline or nitrophenide, but cannot be given to laying hens because of its adverse effects on the hatchability and shell color of their eggs. (Extremely small proportions of nicarbazin in the feed cause hens to lay mottled eggs.) Feeds medicated with nicarbazin appeared on the market for the first time in 1956, and the fact that nicarbazin was a new drug may account in part for the

large proportion of these feeds which were found deficient; delays between sampling and analysis may also have played a part, although feeds sampled and analyzed side-by-side with deficient feeds were found to be satisfactory. In any case, 22 of the 37 nicarbazin feeds, or 60 per cent, failed to meet their guaranties for this drug when analyzed, whereas the percentage of sulfaquinoxaline feeds falling below guaranty was only 21.

Oat Products

Feed Regulation 1 exempts from registration "meals made from whole grains when not mixed with other materials or with each other". For this reason this Station rarely sampled ground oats in the past. However, last year¹, because of the fact that microscopic examination of mixed feeds declaring "ground oats" as an ingredient had frequently shown the presence of oat hulls only, a number of market oat products were sampled and analyzed. This survey was repeated in 1956; analyses are given in Table 7.

Of the 11 samples, only seven were actually labelled as "oats", "ground oats" or "pulverized oats"; five of these met all their guaranties and showed analyses that were normal for whole oats². Of the other four samples, three were tagged "Oat Mill By-Product" and one was labelled "Oat Huller Feed". According to Official Definition 159 of the Association of American Feed Control Officials³, "Oat Mill By-Product is the entire by-product obtained in the manufacture of oat groats and consists of oat hulls, and particles of the groat. It shall contain not more than 32 per cent crude fiber." The three samples bearing this name complied with this definition, and no exception can be taken to them as sold; if they showed up in mixed feeds whose tags declared "ground oats", however, such feeds would be in violation of the law. "Oat Huller Feed" is not a recognized name, and the one feed so labelled (Peterborough Oat Huller Feed, Sample 9305) bore a fiber guaranty in excess of 32 per cent. Anything containing as much fiber as this should be labelled simply "Oat Hulls"; however, the actual fiber content of the sample was considerably lower than the guaranty, being only 28.82 per cent, so this brand could have met the standard for "Oat Mill By-Product".

Miscellaneous Feeds

Ninety-two unofficial samples of feed and fodder materials were examined. This total included commercial feeds carried over from stock purchased by dealers prior to 1956, other mixed feeds and feed ingredients analyzed at the request of purchasers and dealers, and samples of hay and silage submitted by farmers. Nine samples were examined for the Federal Correctional Institution at Danbury for compliance with their purchasing specifications; four of these were analyzed for sulfaquinoxaline as well as for protein, fat and fiber, and in two cases no drug was found where 0.0175 per cent was claimed by the manufacturer to have been added.

¹ Conn. Agr. Expt. Sta. Bul. 598, 41 (1956).

² Frank B. Morrison, "Feeds and Feeding", 21st Ed., p. 1124 (1948).

³ Official Publication, Association of American Feed Control Officials, Incorporated, 1957, p. 40.

Results from microscopic examination of the following samples may prove of interest:

6775. *Breeder Mash*. Yantic Grain & Products Co., Norwich, Conn. This sample and one from another manufacturer were custom mixes put up on orders from the Locust Grove Hatchery, Plainfield, Conn., which specified that they should contain (besides other ingredients) 100 pounds of 60% protein fish meal per ton. Microscopic examination of Sample 6775 failed at first to reveal any fish meal at all; when the manufacturer questioned our findings we did eventually find a trace of fish meal, but comparison with authentic mixtures prepared according to the Locust Grove Hatchery formula using varying proportions of the manufacturer's own fish meal proved that Sample 6775 contained less than one per cent of this ingredient instead of the five per cent called for.

6492. *Eastern States All-Mash Breeder Mash*. Eastern States Farmers' Exchange, Inc., West Springfield, Mass. Microscopic examination confirmed the declared presence of dehydrated alfalfa leaf meal, yellow corn meal, corn gluten meal, fish meal, meat and bone scrap, molasses, soybean oil meal, calcium carbonate, dicalcium phosphate and salt, but the feed was badly stratified into dark green layers (predominantly alfalfa) and lighter-colored layers (composed primarily of corn).

As usual, a number of materials were submitted because they were suspected of having caused the illness or death of animals. In only three cases was anything found that could conceivably bear any causative relation to such illnesses: A sample of alfalfa hay (8531) from a field adjoining a tobacco crop that was known to have been sprayed with various pesticides was shown to contain some unidentified steam-distillable material which was toxic to goldfish and mosquitoes; some corn silage (6822) was contaminated with silt from floods; and a sample of dog food claimed to have been baited with Warfarin to kill rats (6315) was proved to contain 250 parts per million of barium. (This last sample may actually have caused a dog's death; there were no known casualties from the other two.)

In addition to the three contaminated feeds listed above, five samples were analyzed for nicarbazin because of complaints that eggs from hens normally laying brown eggs were turning white. It is known that as little as 0.001 per cent of nicarbazin can affect egg hatchability, and apparently even lesser proportions of this drug may produce shell pigment changes. The A.O.A.C. first action method¹ is not sufficiently sensitive to detect quantities of this magnitude, but a method recently published by Porter² permits determination of less than 0.0001 per cent of nicarbazin. Application of this method to the five samples in question showed that three of these feeds (8422, 8638 and 8639, all of which were supposed to be free of the drug) contained between 0.00040 and 0.00068 per cent of nicarbazin.

Nicarbazin was determined in one other sample (8115) because the feed failed to control coccidiosis; the quantity found (0.0088 per cent) was only 70 per cent of guaranty.

Biological Specimens Examined for Poisons

One hundred and seventy-two biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 71 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

¹ *J. Assoc. Official Agr. Chem.*, 39, 106 (1956).

² *Ibid.*, 39, 860 (1956).

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Alpha naphthyl thiourea ("ANTU") (1), antimony (2), antimony with arsenic (1), antimony with lead (1), arsenic (1), barium (2), beryllium (3), cadmium (1), cadmium with lead (1), cyanide (1), cyanide with strychnine (1), lead (19), lead with zinc (1), mercury (3), mercury with zinc (1), road tar (1), strychnine (1), thallium (4) and zinc (26). The predominant poison was zinc, with 28 cases; there were 22 cases in all where lead poisoning was involved, followed by much smaller numbers of all other types of poisoning.

The three samples containing beryllium did not represent actual cases of poisoning by this element, but were filters from an air-sampling apparatus employed by the State Department of Health to test the atmosphere of a factory machining beryllium alloys; the quantities of beryllium found ranged from 0.9 to 2.0 micrograms. The one case of "ANTU" poisoning was that of a dog; the four mercury cases involved two cats and two dogs. Both cases of strychnine poisoning also involved dogs; 270 milligrams of strychnine were isolated from the stomach of one of these dogs, and the stomach of the other was found not only to contain 0.015 per cent of this alkaloid but to give a positive test for cyanide. Of the four thallium cases, three were dogs; the fourth sample was the urine of a small girl (aged 4) who had eaten one or more thallium-sulphate-coated blue-dyed whole Spanish peanuts which were sold under the name of "Mo-Go" for the purpose of killing moles. Only 0.4 part per million of thallium was found in the urine, and the child suffered no ill effect—probably because her mother discovered the accident almost as soon as it happened and forced the little girl to vomit.

The case of straight arsenic poisoning is of interest because death of the cat involved followed injection of an organic arsenical (probably nearsphenamine), and more arsenic was found in the hair (7.6 p.p.m.) than in the liver (1.5 p.p.m.). The material containing both antimony and arsenic was a meat bait thrown to dogs; the arsenic was present as Paris Green (copper acetoarsenite), and the antimony had presumably been added as tartar emetic (potassium antimonyl tartrate).

Check Feeds

Twelve feeds were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and five samples of alfalfa were assayed for carotene in a program also sponsored by that association.

NEW ENGLAND COLLEGE CONFERENCE POULTRY RATIOS

Because of occasional inquiries about the New England College Conference poultry rations, last year we obtained the formulas for the 1955 version of these rations through the courtesy of Dr. E. P. Singen of the Department of Poultry Science of the State University at Storrs and reproduced them in our annual Report¹.

¹ *Conn. Agr. Expt. Sta. Bul.* 598, 43-46 (1956).

Shortly thereafter the U. S. Food and Drug Administration announced that because pharmacological studies had shown that diphenylparaphenylenediamine ("DPPD") caused pronounced toxic effects when fed to pregnant rats this chemical should not be used in poultry feeds. All of the 1955 New England College Conference poultry rations contained "DPPD", added thereto as an antioxidant to protect the vitamin E content and thereby prevent development of encephalomalacia ("crazy chick disease") in the flocks fed these rations. In the new 1956 rations another antioxidant, "BHT" ("butylated hydroxytoluene", 2,6-di-tertiarybutyl-paracresol) was substituted for "DPPD". Composition of the 1956 rations was as follows:

All-Mash Chicken Rations

Mash Ingredients	Starting lbs.	Grower lbs.	Layer lbs.	Breeder lbs.
Ground yellow corn ¹	1150	1050	1175	1185
Ground barley or pulverized oats ²	..	200	100	100
Standard wheat middlings	100	300	200	200
Soybean oil meal (44%)	550	250	250	175
Fish meal (60%) ¹⁰	50	50	25	75
Meat and bone scrap (50%)	..	..	50	50
Alfalfa meal (17%) (100,000 A/lb.)	50	75	75	75
Butyl fermentation product ⁸	40	20	7	40
Dicalcium phosphate or equivalent ⁴	32	36	32	32
Ground limestone (feeding grade)	24	20	75	75
Dry vitamin D (1500D/gm.)	0.5	0.5	1.0	1.0
Iodized salt	10	10	10	10
Manganous sulfate or equivalent ⁵	0.25	0.25	0.25	0.25
Antibiotic supplement	6	..	..	..
Vitamin B ₁₂ supplement (6 mg./lb. or equiv.)	1.0	1.0	1.0	2.0
Niacin	20 gm.	20 gm.	20 gm.	20 gm.
Choline chloride (dry, 25%)	2.5	..	..	..
BHT (butylated hydroxytoluene)	0.25	..	..	..
Coccidiostat	8	8	..	..

All-Mash Broiler Starting and Finishing Ration

Mash Ingredients	Starter ⁹ , lbs.	Finisher, lbs.
Ground yellow corn	1060	1240
Stabilized animal fat	80	80
Soybean oil meal (50%)	500	320
Corn gluten meal	100	100
Fish meal ¹⁰	100	100
Butyl fermentation product ⁸	40	40
Alfalfa meal (17%) (100,000 A/lb.)	50	50
Dicalcium phosphate or equivalent ⁴	28	28
Ground limestone (feeding grade)	20	20
Dry vitamin A (5,000 I.U./gm.)	0.5	0.5
Dry vitamin D (1,500 I.C.U./gm.)	1	1
Iodized salt	10	10
Manganous sulphate or equivalent ⁵	0.5	0.5
dl-Methionine (feed grade)	0.5	0.5
Antibiotic supplement	6	6
Vitamin B ₁₂ supplement (6 mg./lb.) or equiv.	2	4
Niacin	20 gm.	20 gm.
Choline chloride (dry, 25%)	2.5	2.5
BHT (butylated hydroxytoluene)	0.25	0.25
Riboflavin concentrate (8 mg./gm.) or equiv.	0.25	..
Coccidiostat	8	8
Organic arsenical concentrate	45 gm. ¹¹	45 gm. ¹¹
Pantothenic acid	1 gm.	1 gm.

Mash and Grain Rations

Feeding Ratio-Mash to Grain ¹⁷ Mash Ingredients	Grower 2:1	Layer 2:1	Breeder 2:1
Ground yellow corn ¹	900	1000	1000
Ground barley or pulverized oats ²	100	100	100
Standard wheat middlings	300	200	200
Soybean oil meal (44%)	430	350	250
Fish meal (60%) ⁹	50	40	100
Meat and bone scrap (50%)	..	75	75
Alfalfa meal (17%) (100,000 A/lb.)	100	100	100
Butyl fermentation product ⁸	30	20	60
Dicalcium phosphate or equivalent ⁴	54	40	24
Ground limestone (feeding grade)	34	65	65
Iodized salt	15	15	15
Dry vitamin D (1,500 D/gm.)	0.7	1.5	1.5
Manganous sulfate or equivalent ⁵	0.4	0.4	0.4
Vitamin B ₁₂ supplement (6 mg./lb.) or equiv.	1.5	1.5	3.0
Niacin	30 gm.	30 gm.	30 gm.
BHT (butylated hydroxytoluene)	7	7	7
Coccidiostat	8	..	..

Turkey Rations

Mash Ingredients	Starter ^{8, 12} lbs.	Grower ¹³ lbs.	Grower ^{13, 14} lbs.	Breeder ¹³ lbs.
Soybean oil meal (44%)	650	580	680	200
Ground yellow corn	800	950	800	1000
Standard wheat middlings	100	200	200	300
Ground oats	..	..	..	150
Fish meal (60%) ¹⁰	200	50	50	100
Meat scrap (50%)	100	..	50	50
Alfalfa meal (17%) (100,000 A/lb.)	60	60	60	60
Butyl fermentation product ¹⁵	40	40	50	40
Dicalcium phosphate or equivalent ⁴	8	52	40	32
Ground limestone (feeding grade)	30	40	55	55
Iodized salt	5	10	10	10
Antibiotic supplement	6	..	..	..
Vitamin B ₁₂ supplement (6 mg./lb. or equiv.)	1	16	16	2
Niacin	45 gm.	45 gm.	45 gm.	45 gm.
Choline chloride (dry, 25%)	4.0	2.0	2.0	2.0
Dry vitamin D (1,500 D/gm.)	1.0	1.0	1.0	1.0
Dry vitamin A (5,000 A/gm.)	1.8	1.8	1.8	1.8
Manganous sulfate or equivalent ⁵	0.25	0.25	0.25	0.25
Vitamin E concentrate (20,000 I.U./lb.)	0.4	0.2	0.2	0.4
Pantothenic acid	..	..	..	5 gm.

Notes

- (1) Two to four hundred pounds of coarsely ground wheat or yellow hominy may be used to replace an equal quantity of corn. If wheat is used, add 0.4 lb. of vitamin A & D oil for each 100 lb. of corn removed.
- (2) On a nutrient content basis, barley is preferred to oats. Barley and oats or middlings, or all three, may be replaced by corn, depending upon the increase in energy level desired. Animal fat at 1, 2 or 3 per cent levels may replace equal quantities of cereal grains in the layer and breeder to provide a still higher energy level. To add fat, proper equipment must be available.
- (3) Based on a butyl fermentation product containing 100 micrograms of riboflavin per gram or 45.4 milligrams per pound. A vitamin concentrate containing not less than 1 gram of riboflavin and 4 grams of pantothenic acid and possibly other vitamins may be used to replace part or all of the fermentation products, and the total weight made up by adding corn meal.

- (4) Steamed bone meal or defluorinated rock phosphate may replace the dicalcium phosphate on a phosphorus basis. Raw rock phosphate containing not more than 3.5 per cent fluorine may replace a portion of the dicalcium phosphate—one-half (equivalent phosphorus basis) in the grower and one-fourth in the layer and breeder rations.
- (5) Manganese sulphate (70% feeding grade) or equivalent quantity of manganese from other sources.
- (6) Use one to five pounds per ton, depending on product used. Suggested levels are aureomycin, bacitracin or terramycin, 9 grams, or procaine penicillin, 2 to 4 grams, per ton of finished ration or equivalent. For the broiler rations increase the above level by 50 per cent.
- (7) If desired, butylated hydroxytoluene may also be added at the 0.0125 per cent level (one-quarter pound per ton) to help prevent destruction of fat-soluble vitamins.
- (8) A coccidiosis-controlling drug may be used in these rations at the level recommended by the manufacturer.
- (9) To be fed as *all mash rations*. Feed starting ration until birds are 7 weeks old.
- (10) If a high-salt fish meal is used, reduce the added salt by quantity contributed by the fish meal.
- (11) This is the level for 3-nitro-4-hydroxyphenylarsonic acid; other compounds that may be used at a level recommended by the manufacturer are arsanilic acid and its sodium salt.
- (12) To be fed as *all mash rations*. Feed starting ration until birds are 10 weeks old.
- (13) To be fed with grain after the birds are at least 12 weeks old (60–80% mash and 20–40% grain).
- (14) May be converted to a finishing ration by reducing soybean oil meal by 200 pounds and adding a like quantity of ground yellow corn.
- (15) Based on a product containing 250 micrograms of riboflavin per gram. Three per cent corn distillers' dried solubles may be used if the ration is fortified to contain not less than 2 milligrams of riboflavin and 6 milligrams of pantothenic acid per pound of ration.
- (16) Twelve milligrams of vitamin B₁₂ per ton may be added to promote finish.
- (17) Based on a mixture containing 50 parts of corn, 25 parts of wheat and 25 parts of oats.

DETERMINING GUARANTIES

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

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

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

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

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

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

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

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Acme-Evans Co., Inc., Indianapolis, Ind.									
9301	Acme Hominy	C. W. Campbell Co., Pawcatuck	10.17	10.75	9.00	6.59	7.00	3.53	6.00
9266	Acme Wheat Bran	Meech & Stoddard, Middletown	10.39	15.81	14.00	3.90	3.00	7.87	9.50
7013	Acme Wheat Standard Middlings	Yantic Grain & Prod., Norwich	11.37	16.13	14.00	4.09	3.00	7.05	9.50
Agri-Tech., Inc., Kansas City, Mo.									
7541	Specules Alfalfa	A. E. Hall, Wallingford	12.90	18.75	17.00	3.44	1.50	23.27	27.00
The Agro Company of Canada Ltd., Montreal, Canada									
8837	Agro Bran	Wolf Savitsky & Sons, Shelton	11.26	16.38	14.00	4.74	3.50	8.41	11.50
Albers Milling Co., Los Angeles, Calif.									
9182	Albers Calf Manna	Community Service, Lakeville	9.75	27.25	25.00	3.65	3.50	4.91	5.50
9037	Albers Rabbit Breeder Ration	Newtown Farm Supply Co., New- town	8.82	16.44	15.00	2.11	2.00	19.15	22.00
9463	Albers Rabbit Family Ration	Wolf Savitsky & Sons, Shelton	8.56	16.38	16.00	2.30	2.50	15.10	18.00
8842	Albers Suckle	Wolf Savitsky & Sons, Shelton	7.06	25.88	24.00	3.35	3.00	0.78	1.50
Allied Mills, Inc., Chicago, Ill.									
9570	Wayne Calfnip	Sunshine Feed Store, Plainville	5.81	23.44	23.00	2.16	0.50	0.16	0.25
9568	Wayne Calf Starter	Sunshine Feed Store, Plainville	9.84	18.75	16.00	2.74	3.00	6.30	9.00
9569	Wayne Chick Feed	Sunshine Feed Store, Plainville	11.31	10.50	9.00	5.35	2.00	2.05	4.00
7166	Wayne 16% Dairy	Sunshine Feed Store, Plainville	11.09	18.63	16.00	3.34	3.00	8.10	9.00
7490	Wayne 22% Egg & Breeder	C. S. Roberts & Sons, Winsted	9.46	24.63	22.00	3.04	3.00	3.90	4.50
7167	Wayne 26% Egg & Breeder Supple- ment	Sunshine Feed Store, Plainville	10.37	26.06	26.00	4.82	2.50	4.82	7.00
9177	Wayne Egg Mash	R. W. Sandmeyer, Cornwall Bridge	11.01	22.06	20.00	3.39	3.00	4.28	4.50
9564	Wayne Egg Mash	Sunshine Feed Store, Plainville	10.29	23.88	22.00	4.19	4.00	4.22	4.50
9178 Wayne Emergency 16% Dairy Mixed Feed "A"									
		R. W. Sandmeyer, Cornwall Bridge	10.27	19.38	16.00	3.01	3.00	5.27	5.50
7165	Wayne Fitting Ration	Sunshine Feed Store, Plainville	11.40	18.63	13.00	4.44	3.00	6.75	8.50
9566	Wayne Horse Feed	Sunshine Feed Store, Plainville	10.76	12.81	9.00	3.44	2.50	7.74	12.00
9567	Wayne Mink Meal	Sunshine Feed Store, Plainville	8.85	22.69	20.00	4.09	2.00	3.60	5.00
7162	Wayne Pork Maker	Sunshine Feed Store, Plainville	10.01	16.75	14.00	3.98	3.00	5.70	8.00
9505	Wayne Rabbit Ration	A. C. Wetherell, Suffield	8.73	18.94	17.00	2.52	2.00	11.33	15.00
9176	Wayne Test Cow Ration	R. W. Sandmeyer, Cornwall Bridge	10.54	18.94	16.00	4.44	4.00	7.43	9.00
9565	Wayne Turkey Finisher	Sunshine Feed Store, Plainville	10.11	18.75	16.00	3.44	3.00	4.18	5.00
9175	Wayne Universal Breeder	R. W. Sandmeyer, Cornwall Bridge	10.86	18.00	18.00	5.24	4.00	3.47	4.00
7164	Wayne Universal Egg	Sunshine Feed Store, Plainville	11.94	17.75	16.00	3.64	3.00	3.62	4.00
7163	Wayne Universal Grower	Sunshine Feed Store, Plainville	11.31	19.50	16.00	3.90	2.50	3.87	4.50
American Maize-Products Co., New York, N. Y.									
8861	Amaizo Corn Gluten Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	10.53	44.13	41.00	1.59	1.00	2.63	6.00
7516	Cream of Corn Gluten Feed	P. Cutler, Inc., Colchester	9.34	22.75	21.00	3.74	2.00	6.80	9.50
Archer-Daniels-Midland Co., Minneapolis, Minn.									
9269	Archer Quality 34% Protein Fat- Fortified Linseed Oil Meal	Middlefield Grain & Supply Co., Middlefield	11.25	36.88	34.00	3.64	3.50	7.93	10.00
8832	Archer Quality 36% Protein Sol. Ext. Linseed Oil Meal	Wolf Savitsky & Sons, Shelton	9.22	36.00	36.00	0.79	0.50	4.42	10.00
8864	Archer Quality 44% Protein Sol. Ext. Soybean Oil Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	11.59	46.88	44.00	0.54	0.50	5.48	7.00
B & W Canning Co., Inc., Groveland, Fla.									
6759	B'n W Brand Dried Citrus Pulp	Eastern States Farmers' Exch. Inc., Willimantic	7.88	6.06	6.00	3.10	3.00	9.82	12.00
E. W. Bailey & Co. Inc., Montpelier, Vt.									
6260	Bailey's Laying Mash	A. E. Hall, Wallingford	9.97	21.38	20.00	3.55	3.50	6.20	7.00
The Beacon Milling Co. Inc., Cayuga, N. Y.									
8946	Auburn "16"	Anderson Farm Supply, Portland	13.58	17.63	16.00	3.28	3.00	6.15	10.00
8949	Auburn "20"	Anderson Farm Supply, Portland	14.11	20.50	20.00	2.54	3.00	6.23	10.00
9499	Beacon "15"	Beacon Grain Store, Willimantic	10.07	17.00	15.00	4.50	4.00	6.59	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
The Beacon Milling Co. Inc., Cayuga, N. Y.—Cont.									
9359	Beacon "16"	L. B. Whitford, Oneco	10.92	19.44	16.00	3.74	3.50	6.76	9.00
6765	Beacon "20"	Beacon Grain Store, Willimantic	10.69	21.63	20.00	3.36	3.25	7.07	9.00
9164	Beacon Balancer Pellets	Bantam Supply Co., Bantam	10.86	22.94	20.00	4.21	3.00	4.81	6.00
9387	Beacon Broiler Finisher	H. H. Stone & Sons, Southbury	11.23	21.38	18.00	5.65	4.50	2.90	4.50
9385	Beacon Calf Grower	H. H. Stone & Sons, Southbury	10.33	19.25	14.00	3.70	3.50	7.28	9.00
9384	Beacon Calf Starter	H. H. Stone & Sons, Southbury	11.06	20.69	19.00	3.90	3.50	5.60	7.00
9291	Beacon Chick Grains	F. Policastro & Sons, Glenbrook	11.61	11.56	10.00	3.26	3.00	1.51	2.50
9292	Beacon Complete Rabbit Pellets	F. Policastro & Sons, Glenbrook	9.66	18.75	17.00	3.63	3.50	9.95	13.00
6744	Beacon Complete Starter	H. H. Stone & Sons, Southbury	11.67	23.31	22.00	5.54	4.00	5.15	5.50
9386	Beacon Dairy Breeder Pellets	H. H. Stone & Sons, Southbury	9.25	23.06	20.00	5.76	3.00	10.20	14.00
6731	Beacon Dairy Fitting	H. H. Stone & Sons, Southbury	8.01	16.50	14.00	3.99	3.25	7.27	9.00
9288	Beacon Duck Grower-Finisher	F. Policastro & Sons, Glenbrook	9.46	17.50	16.00	3.89	3.50	5.61	7.50
9043	Beacon "22" Egg Mash	Barnum Feed Store, Danbury	9.69	22.88	22.00	5.09	4.75	3.86	5.50
9046	Beacon Goat Ration	Barnum Feed Store, Danbury	10.39	18.94	16.00	3.18	3.00	7.47	10.00
6767	Beacon Grower All-Mash	Beacon Grain Store, Willimantic	10.16	17.63	16.00	5.51	4.50	4.35	6.00
9496	Beacon "18" Growing Mash	Beacon Grain Store, Willimantic	10.66	19.94	18.00	4.64	4.50	4.59	6.25
9495	Beacon High Vitamin D ₂ Mix	Beacon Grain Store, Willimantic	9.81	14.19	10.00	2.64	2.00	10.16	12.00
9286	Beacon Horse Feed	F. Policastro & Sons, Glenbrook	10.06	14.31	13.00	3.56	3.00	7.57	9.00
9024	Beacon Market Egg All-Mash	New London Grain, New London	12.01	19.38	17.00	4.75	4.75	3.28	4.75
9361	Beacon Pig Grower	L. B. Whitford, Oneco	11.26	15.63	14.00	4.44	3.00	4.49	6.00
7480	Beacon Poultry Fitting	Machnicki's Grain, Jewett City	10.83	13.25	11.00	3.12	3.00	4.20	7.50
9287	Beacon Sow Feed	F. Policastro & Sons, Glenbrook	9.85	16.50	14.00	3.70	3.00	7.12	8.00
6732	Beacon Starter-Broiler	H. H. Stone & Sons, Southbury	8.67	25.00	23.00	6.34	5.00	2.77	4.50
8948	Beacon "14" Test Cow Ration	Anderson Farm Supply, Portland	12.41	15.50	14.00	4.37	4.00	5.91	9.00
9500	Beacon "16" Test Cow Ration	Beacon Grain Store, Willimantic	11.48	18.25	16.00	4.25	4.00	7.64	9.00
6730	Beacon "18" Test Cow Ration	H. H. Stone & Sons, Southbury	7.17	21.63	18.00	4.04	4.00	6.77	9.00
6763	Beacon Turkey & Game Bird Breeder	Beacon Grain Store, Willimantic	10.36	25.25	24.00	4.86	4.00	4.80	6.50
9025	Beacon Turkey & Game Bird Fitting	New London Grain, New London	11.84	11.38	10.00	3.11	3.00	4.91	9.00
9174	Beacon Turkey & Game Bird Grower	Bantam Supply Co., Bantam	10.67	24.50	24.00	4.39	3.50	3.20	5.75
9497	Beacon "20" Turkey Grower	Beacon Grain Store, Willimantic	10.00	20.94	20.00	4.19	3.50	3.48	5.50
6766	Be-Co-Lass	Beacon Grain Store, Willimantic	10.41	12.38	11.00	2.94	2.00	10.07	13.00
9498	Be-Co-Nurse Milk Replacer	Beacon Grain Store, Willimantic	4.62	24.63	24.00	9.94	10.00	0.15	0.25
The Berkman Grain Co., North Franklin, Conn.									
7464	Nibco Crate Fattener	Berkman Grain Co., No. Franklin	9.68	15.00	14.00	3.39	3.50	6.22	4.00
7469	Nibco 18% Dairy Ration	Berkman Grain Co., No. Franklin	9.96	19.00	18.00	3.74	4.00	5.55	8.00
7468	Nibco Fitting Ration	Berkman Grain Co., No. Franklin	10.81	14.13	14.00	3.40	4.00	4.55	8.00
7467	Nibco High Energy Growing Mash	Berkman Grain Co., No. Franklin	9.81	17.50	16.00	4.00	3.00	3.57	4.00
7466	Nibco High Energy Laying Mash	Berkman Grain Co., No. Franklin	9.71	18.88	16.00	4.03	3.00	3.32	4.00
7465	Nibco Nine Week Broiler Mash	Berkman Grain Co., No. Franklin	10.51	19.38	18.00	4.01	4.00	2.40	3.50
9071	Nibco One Day Station Fattener Feed	Berkman Grain Co., No. Franklin	9.81	11.38	10.00	3.26	2.00	9.15	14.00
9068	Nibco Scratch Feed	Berkman Grain Co., No. Franklin	12.19	10.19	10.00	3.44	3.00	4.11	6.50
The Bloomfield Farmers' Exchange Inc., Bloomfield, Conn.									
9075	Bloomfield 16% Dairy Ration	Bloomfield Farmers' Exchange Inc., Bloomfield	10.81	17.38	16.00	3.04	3.50	5.33	8.00
9965	Bloomfield 16% Dairy Ration	Bloomfield Farmers' Exchange Inc., Bloomfield	12.83	16.69	16.00	4.14	3.50	5.77	8.00
The Borden Co., Special Products Div., New York, N. Y.									
6887	Borden's Dry D	C. W. Campbell Co., Pawcatuck	10.49	42.50	35.00	4.36	2.00	5.50	6.50
6886	Flaydry Poultry Feed Supplement	C. W. Campbell Co., Pawcatuck	9.84	30.63	24.00	2.53	1.50	5.35	6.50
Bremco Alfalfa Mills, Inc., New Bremen, Ohio									
9501	Alfalfa	W. D. Grant Co., Willimantic	6.50	11.77	11.00	1.72	1.50	19.18	30.00
Brooklawn Grain & Feed Co., Bridgeport, Conn.									
8860	Brooklawn Dehydrated Dried White Bread Meal	Brooklawn Grain & Feed, Bridgeport	10.80	14.56	14.00	3.14	3.00	0.54	1.00
7528	Brooklawn Egg Mash	Brooklawn Grain & Feed, Bridgeport	11.06	17.56	18.00	3.72	4.00	4.47	6.00
8857	Brooklawn Sweet Mix	Brooklawn Grain & Feed, Bridgeport	12.50	16.06	16.00	3.56	3.50	5.49	9.00
Brown-Forman Distillers Corp., Louisville, Ky.									
9548	B-F Corn Distillers Solubles	Yantic Grain & Prod., Norwich	8.70	30.19	24.00	6.09	8.00	3.78	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
The Buckeye Cellulose Corp., Cincinnati, Ohio									
9543	Buckeye 41% Protein Solvent Ext. Cottonseed Meal with added Hydrolyzed Cottonseed Oil.....	Seymour Grain & Coal, Seymour.	8.17	41.38	41.00	2.38	2.00	12.23	14.00
Buckeye Sugars Inc., Ottawa, Ohio									
6728	Dried Beet Pulp.....	C. L. Adams Co., Southbury ..	7.35	8.81	7.00	0.43	0.30	18.52	22.50
Calvert Distillers Limited, Amherstburg, Canada									
8971	Corn Distillers Dried Grains.....	Yantic Grain & Prod., Norwich..	6.61	30.88	25.00	9.45	8.00	10.87	13.00
9299	Corn Distillers Dried Grains.....	C. W. Campbell Co., Pawcatuck..	5.91	27.63	22.00	10.94	8.00	7.77	13.00
Calvert Milling Co., Hoytville, Ohio									
8858	15% Dehydrated Alfalfa Meal.....	Brooklawn Grain & Feed, Bridge- port.....	6.76	16.63	15.00	2.64	1.50	25.89	30.00
Camden Grain Co., Camden, N. J.									
8829	Camden Brand Dried Brewers Grains.....	Derby Feed Store, Derby	8.47	22.31	24.00	4.31	6.00	14.62	17.00
Camp Milling Co., Inc., Walton, N. Y.									
9579	Warren's Calf Starter.....	Wm. S. Warren & Son, Eastford..	10.69	18.00	18.00	3.53	3.00	7.00	8.00
9141	Warren's Complete Growing Mash..	Wm. S. Warren & Son, Eastford..	9.91	16.50	15.00	4.19	3.00	4.87	6.00
9138	Warren's Complete Laying Mash....	Wm. S. Warren & Son, Eastford..	10.22	16.38	15.00	4.64	3.00	4.63	6.00
9577	Warren's Laying Mash.....	Wm. S. Warren & Son, Eastford..	9.93	21.38	20.00	3.58	3.00	6.67	7.50
The C. W. Campbell Co., Westerly, R. I.									
9321	Alfalfa.....	C. W. Campbell Co., Pawcatuck..	11.23	12.00	10.00	2.49	2.00	11.62	16.00
7002	Best Pig & Hog Ration.....	C. W. Campbell Co., Mystic.....	10.39	21.13	15.00	4.18	4.00	6.82	8.00
7001	Camco Horse Feed.....	C. W. Campbell Co., Mystic.....	13.53	12.50	10.00	3.54	3.00	5.17	10.00
9318	16% Coarse Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	11.51	18.31	16.00	3.52	3.00	5.38	8.00
9317	14% Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	11.59	17.31	14.00	4.54	4.00	5.64	9.00
6894	16% Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	12.81	18.25	16.00	3.69	3.00	5.80	8.00
9017	Egg-O Complete Layer.....	C. W. Campbell Co., Groton.....	11.31	16.75	16.00	4.56	3.50	3.93	4.50
9320	Egg-O Grower.....	C. W. Campbell Co., Pawcatuck..	10.75	21.88	20.00	4.59	3.50	4.83	6.00
6998	Egg-O Laying Mash.....	C. W. Campbell Co., Pawcatuck..	11.34	21.88	20.00	4.09	3.50	3.91	6.00
9019	Egg-O Special Broiler.....	C. W. Campbell Co., Groton.....	12.24	19.25	20.00	3.81	3.50	3.53	5.00
9316	12% Fitting Ration.....	C. W. Campbell Co., Pawcatuck..	11.21	14.38	12.00	3.49	3.00	5.75	9.00
6888	Milk Replacer.....	C. W. Campbell Co., Pawcatuck..	7.57	33.31	32.00	3.64	2.50	2.06	4.50
9319	Sheep & Goat Feed.....	C. W. Campbell Co., Pawcatuck..	12.65	19.75	15.00	2.48	3.00	5.42	9.00
The A. B. Caple Co., Toledo, Ohio									
8966	Alfalfa Stem Meal.....	Yantic Grain & Prod., Norwich...	10.81	15.50	9.00	1.49	0.80	28.89	40.00
Cargill, Incorporated, Minneapolis, Minn.									
9536	36% Protein Solvent Extracted Lin- seed Oil Meal.....	Seymour Grain & Coal, Seymour.	11.23	36.31	36.00	1.14	0.50	8.51	9.50
9593	44% Protein Solvent Extracted Soy- bean Oil Meal.....	Meech & Stoddard, Middletown.	10.60	46.69	44.00	0.53	0.50	4.86	7.00
Carling Brewing Co., Cleveland, Ohio									
9077	Carling Dried Brewers Grains.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	8.39	29.13	26.00	6.19	5.00	11.83	15.00
Central Conn. Co-operative Farmers' Ass'n. Inc., Manchester, Conn.									
6817	Honest Brand Aureomycin Mix 100 Grams.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.75	20.50	18.00	3.74	3.00	3.97	4.00
9519	Honest Brand Aureomycin Mix 200 Grams.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.85	19.00	18.00	3.65	3.00	4.50	4.00
6815	Honest Brand Breeder Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	9.61	20.63	20.00	3.93	4.00	3.32	7.50
7585	Honest Brand Complete Ration High Energy Growing Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	14.00	16.25	15.00	3.06	3.00	3.42	4.00
9518	Honest Brand Complete Ration High Energy Growing Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.86	16.69	15.00	3.71	3.00	3.42	4.00
7584	Honest Brand Complete Ration High Energy Laying Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	13.12	16.25	15.00	3.08	3.00	3.10	6.00
8862	Honest Brand Complete Ration High Energy Laying Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	11.41	17.19	15.00	3.15	3.00	2.90	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25) Found	Guaranteed not less than	Fat Found	Guaranteed not less than	Fiber Found	Guaranteed not more than
Central Conn. Co-operative Farmer' Ass'n. Inc., Manchester, Conn.—Cont.									
6814	Honest Brand 16% Dairy	Central Conn. Co-op Farmers' Ass'n., Manchester	9.01	18.06	16.00	3.16	3.50	7.07	9.00
8866	Honest Brand Nu Weigh Hi Broiler Finisher	Central Conn. Co-op Farmers' Ass'n., Manchester	11.75	24.75	18.00	4.30	2.00	2.32	6.50
6816	Honest Brand Nu Weigh Hi Laying Mash	Central Conn. Co-op Farmers' Ass'n., Manchester	9.56	21.63	20.00	3.35	3.00	3.78	8.00
9517	Honest Brand Nu Weigh Hi Laying Mash	Central Conn. Co-op Farmers' Ass'n., Manchester	10.46	20.00	20.00	3.25	3.00	3.46	8.00
Central Soya Co., Inc., Ft. Wayne, Ind.									
7498	Central 4-44 Soybean Oil Meal	Community Service Inc., Canaan	8.76	44.06	44.00	4.38	4.00	5.80	6.50
6756	Central 50% Solvent Extracted Soybean Oil Meal	Checkerboard Feed Store, Willimantic	11.38	50.88	50.00	0.44	0.50	2.80	3.00
8815	Central Star Brand Solvent Extracted Soybean Oil Meal	Derby Feed Store, Derby	9.94	45.25	44.00	1.66	0.50	4.85	7.00
9460	Central Star Brand Solvent Extracted Soybean Oil Meal	Wolf Savitsky & Sons, Shelton	9.81	48.00	44.00	0.85	0.50	3.93	7.00
S. J. Cherry & Sons Ltd., Preston, Canada									
7085	Wheat Bran	Meech & Stoddard, Middletown	11.10	15.63	14.00	4.36	3.50	9.05	11.50
9547	Wheat Bran	Seymour Grain & Coal, Seymour	10.31	14.69	12.50	3.99	3.50	10.34	11.50
7084	Wheat Shorts	Meech & Stoddard, Middletown	11.50	16.75	15.00	4.69	5.00	6.67	8.00
Citrus Feed Co., Lakeland, Fla.									
8889	Florida Crest All Sweet Dried Citrus Pulp	Conn. State Hospital, Middletown	11.25	7.00	6.00	2.51	3.00	9.41	11.00
Clinton Corn Processing Co., Clinton, Iowa									
9453	Clinton 21% Protein Corn Gluten Feed	Derby Feed Store, Derby	8.87	21.13	21.00	1.84	1.00	9.18	10.00
Clyde Milling Corp., Clyde, N. Y.									
9509	Clyde C-M-C 36 Mixing Ration	Conn. Valley Gristmill, Suffield	9.11	34.56	36.00	2.26	2.50	7.30	11.00
6884	Clyde Booster 16 Dairy Ration	Little & McKinney, Manchester	11.59	16.94	16.00	2.83	3.50	11.27	9.50
8945	Clyde Complete Growing Mash	Clyde Bulk Feed Service, Inc., South Coventry	13.04	16.19	16.00	3.49	3.00	6.27	5.00
9161	Clyde Complete Growing Mash	Hugh Reynolds Grain, New Britain	10.84	17.19	16.00	3.52	3.00	4.75	5.00
6882	Clyde Complete Laying Mash	Little & McKinney, Manchester	12.28	16.94	16.00	3.79	3.00	4.91	5.00
8939	Clyde Complete Rabbit Pellets	L. C. Latimer, South Coventry	12.37	16.69	15.00	3.29	3.00	9.41	12.00
7589	Clyde Crate Fattener Pellets	L. C. Latimer, South Coventry	13.16	12.31	10.00	3.36	3.00	6.22	8.00
7594	Clyde Dry & Freshening Ration	L. C. Latimer, South Coventry	13.09	14.63	14.00	3.64	3.50	7.52	8.50
9162	Clyde Fitting Ration	Hugh Reynolds Grain, New Britain	10.51	13.44	12.00	3.60	3.50	8.46	8.50
7588	Clyde H-E Broiler Mash	L. C. Latimer, South Coventry	12.46	21.81	21.50	3.64	3.50	3.50	3.50
7587	Clyde H-E Complete Breeder Mash	L. C. Latimer, South Coventry	12.91	17.88	16.50	4.06	3.50	3.97	4.50
8944	Clyde H-E Complete Breeder Mash	Clyde Bulk Feed Service, Inc., South Coventry	11.49	17.88	16.50	3.26	3.50	3.94	4.50
8943	Clyde H-E Complete Laying Mash	Clyde Bulk Feed Service, Inc., South Coventry	12.26	14.75	16.50	4.39	3.50	4.73	4.50
9512	Clyde Hog Supplement	Conn. Valley Gristmill, Suffield	8.78	33.69	34.00	2.84	2.50	6.98	7.00
7099	Clyde Horse Feed	L. C. Latimer, South Coventry	12.44	12.25	10.00	2.94	2.50	6.60	10.00
8940	Clyde Life Span 15	L. C. Latimer, South Coventry	13.29	15.00	15.00	4.01	4.00	6.71	8.00
7100	Clyde Market Egg Mash	L. C. Latimer, South Coventry	12.00	21.00	20.00	3.49	3.00	4.90	6.00
7586	Clyde Milk Las 15 Dairy Ration (Coarse)	L. C. Latimer, South Coventry	12.89	16.69	15.00	3.04	3.50	10.02	12.00
9571	Clyde Pig & Sow Ration	L. C. Latimer, South Coventry	9.80	20.06	18.00	3.50	3.00	5.18	6.00
9511	Clyde Poultry Mixing Ration	Conn. Valley Gristmill, Suffield	9.01	32.44	32.00	2.69	2.50	6.67	6.00
9163	Clyde Tastee Station Pellets	Hugh Reynolds Grain, New Britain	9.81	16.00	14.00	3.26	3.50	4.74	4.50
8942	Clyde Test Cow 16	L. C. Latimer, South Coventry	13.15	18.13	16.00	3.99	4.00	7.50	8.50
9103	Clyde Test Cow 20	Hugh Reynolds Grain, New Britain	10.50	21.88	20.00	3.79	4.00	7.84	8.50
9144	Clyde Turkey Grower Mash	Wm. S. Warren & Son, Eastford	9.66	21.63	22.00	4.68	3.50	4.46	5.50
9507	Corn Distillers Dried Grains	Conn. Valley Gristmill, Suffield	7.57	26.75	26.00	8.32	7.00	8.84	8.00
9510	Corn Gluten Feed	Conn. Valley Gristmill, Suffield	9.71	24.06	21.00	2.04	1.00	7.96	10.00
7591	Hominy Feed	L. C. Latimer, South Coventry	12.11	11.06	11.00	5.50	5.00	3.70	6.00
8938	Linseed Oil Meal (Solvent Ext.)	L. C. Latimer, South Coventry	13.68	37.75	34.00	0.82	2.50	7.96	9.00
9447	Nate's Complete Laying & Growing Mash	A. Hodoss & Sons, Inc., Ansonia	10.28	17.13	16.00	2.85	3.00	5.58	5.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Clyde Milling Corp., Clyde, N. Y.—Cont.									
9449	Nate's Life Span 15	A. Hodos & Sons, Inc., Ansonia	10.59	16.19	15.00	2.31	4.00	7.21	8.00
9448	Nate's Meat Bird Finisher	A. Hodos & Sons, Inc., Ansonia	10.57	19.75	18.00	3.69	3.50	4.17	4.00
9146	New England 16 Dairy Ration	Hansen's Store, West Willington	10.17	18.94	16.00	3.06	3.50	8.39	10.00
7590	Soybean Oil Meal	L. C. Latimer, South Coventry	13.15	44.31	44.00	1.53	0.50	4.90	7.00
9102	Warren's Dairy Fitting Ration	Wm. S. Warren & Son, Eastford	11.91	15.06	12.00	3.56	3.00	8.49	10.00
9135	Warren's 16 Dairy Ration	Wm. S. Warren & Son, Eastford	11.50	18.19	16.00	3.51	3.00	9.44	11.00
9574	Warren's Laying Mash	Wm. S. Warren & Son, Eastford	9.57	21.06	20.00	2.89	3.00	6.55	7.00
7592	Wheat Bran	L. C. Latimer, South Coventry	13.15	17.94	15.00	4.14	3.50	8.12	10.00
7593	Wheat Standard Middlings	L. C. Latimer, South Coventry	12.89	16.88	16.00	4.24	4.00	6.55	8.00
Coatsworth & Cooper Ltd., Toronto, Canada									
7055	C & C Wheat Bran	Wolf Savitsky & Sons, Shelton	11.46	16.63	15.00	4.34	3.50	8.40	11.50
7049	C & C Wheat Shorts	Wolf Savitsky & Sons, Shelton	12.22	16.00	16.00	4.39	5.00	5.45	8.00
Cocke and Co., Atlanta, Ga.									
9738	Cocke-Sure Brand Prime Quality 36% Protein Cottonseed Meal	Derby Feed Store, Derby	9.25	33.38	36.00	4.71	3.00	16.58	17.00
Commercial Solvents Corp., Terre Haute, Ind.									
7010	B-Y-Basic Dried Grain & Cane Syrup Fermentation Solubles (Butyl)	Yantic Grain & Prod., Norwich	4.06	25.00	25.00	2.00	1.00	5.27	10.00
6809	B-Y-100 Dried Grain & Cane Syrup Fermentation Solubles	Central Conn. Co-op. Farmers' Ass'n., Manchester	4.26	25.44	25.00	1.73	1.00	6.21	10.00
Community Service, Inc., Canaan, Conn.									
7502	Community 16% Dairy Ration	Community Service, Canaan	9.12	16.56	16.00	3.99	3.50	6.32	10.00
9216	Community 18% Dairy Ration	Community Service, Canaan	11.39	19.88	18.00	4.44	4.00	6.00	10.00
9215	Community Fitting Ration	Community Service, Canaan	12.21	15.63	14.00	3.78	3.50	6.04	9.00
7501	Community Laying Mash	Community Service, Canaan	10.24	21.88	18.00	4.14	3.50	5.12	6.50
Consolidated Products Co., Danville, Ill.									
7009	"Consolidated's" Dried Whole Whey	Yantic Grain & Prod., Norwich	7.30	12.06	12.00	0.56	0.50	....	....
7505	Pex for Broilers	Machnicki's Grain, Jewett City	56.53	9.50	9.50	1.74	2.00	0.18	0.70
7504	Pex for Layers-Breeders	Machnicki's Grain, Jewett City	53.09	9.50	9.00	1.93	2.00	0.15	0.50
Consolidated Rendering Co., Boston, Mass.									
7006	Corenco Feeding Bone Meal	Yantic Grain & Prod., Norwich	3.80	15.06	10.00	....	....	....	....
7106	Corenco 47% Meat & Bone Scrap	University of Conn., Storrs	6.54	50.19	47.00	7.81	6.00	....	....
Corn Products Refining Co., New York, N. Y.									
6721	Buffalo Brand 21% Corn Gluten Feed	R. G. Davis & Sons, New Haven	5.72	24.19	21.00	1.34	1.00	9.15	10.00
C. A. Cowles, Inc., Plantsville, Conn.									
9015	Blue C Complete Laying Mash	C. A. Cowles, Inc., Bristol	10.63	18.19	15.00	2.84	3.00	5.78	8.00
7526	Blue C 16% Dairy Ration	Melzen Grain Co., Glastonbury	11.66	18.94	16.00	4.29	3.00	8.00	9.00
9242	Blue C 20% Dairy Ration	C. A. Cowles, Inc., Plantsville	10.36	20.63	20.00	3.49	3.00	7.05	10.00
9014	Blue C Fitting Ration	C. A. Cowles, Inc., Bristol	10.42	16.81	14.00	4.37	3.00	8.42	9.00
9013	Blue C Growing Mash	C. A. Cowles, Inc., Bristol	11.26	16.88	20.00	3.49	3.50	4.97	7.50
9016	Blue C Hog & Pig Feed	C. A. Cowles, Inc., Bristol	10.56	18.50	16.00	3.15	3.00	6.25	8.00
9241	Blue C Horse Feed with Molasses	C. A. Cowles, Inc., Plantsville	11.27	12.38	10.00	3.04	3.00	6.10	10.00
7031	Blue C Laying Mash	C. A. Cowles, Inc., Plantsville	11.49	21.06	20.00	3.81	3.00	1.20	7.50
7037	Blue C Plantsville Dairy Ration	C. A. Cowles, Inc., Plantsville	10.46	17.38	18.00	3.69	3.00	10.80	12.00
9228	Blue C Rabbit Pellets	C. A. Cowles, Inc., Plantsville	6.36	15.06	15.00	3.86	3.00	11.03	15.00
9243	Blue C Super 16% Coarse Dairy Ration	C. A. Cowles, Inc., Plantsville	11.02	15.19	16.00	3.09	3.00	7.92	9.00
9012	Blue C Super 16% Dairy Ration	C. A. Cowles, Inc., Bristol	11.63	18.13	16.00	3.53	3.50	5.62	7.50
9229	Blue C Turkey Finishing Mash	C. A. Cowles, Inc., Plantsville	11.18	17.31	16.00	3.94	3.75	6.40	7.00
8952	Blue C Turkey Growing Mash	A. E. Hall, Wallingford	11.43	21.88	20.00	3.64	3.00	5.70	7.50
7035	Champ 16% Dairy Ration	C. A. Cowles, Inc., Plantsville	11.65	16.38	16.00	3.85	3.50	6.30	8.00
7036	Red C Laying Mash	C. A. Cowles, Inc., Plantsville	10.76	17.75	16.00	3.34	3.00	6.18	8.50
Chas. M. Cox Co., Boston, Mass.									
7051	Connecticut Flood Emergency Mixed Feed A	Watertown Co-op. Ass'n., Inc., Watertown	12.51	16.75	16.00	3.14	3.00	4.20	8.50
7353	Connecticut Flood Emergency Feed A	Litchfield County Co-op. Ass'n. Torrington	11.36	16.56	16.00	2.94	3.00	4.65	8.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moisture	Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Chas. M. Cox Co., Boston, Mass.—Cont									
Pounds per hundred (or per cent)									
7389	Connecticut Flood Emergency Mixed Feed A	John Bennett, Putnam	10.49	22.19	16.00	3.29	3.00	4.85	8.50
7595	Connecticut Flood Emergency Mixed Feed B	Wirthmore Feed Co., Fitchville	12.84	18.94	16.00	3.07	3.00	3.62	8.50
9393	Wirthmore Baby Chick Scratch	S. V. Osborn, Est., Branford	12.03	10.94	9.50	2.60	2.50	1.68	4.00
9274	Wirthmore Breeder Mash	Middlefield Grain, Middlefield	10.11	21.88	20.00	4.53	3.50	3.80	5.50
9503	Wirthmore Calf Starter Meal	Willimantic Grain, Willimantic	9.55	23.25	22.00	3.96	3.50	6.42	7.00
9078	Wirthmore Calving Ration	Bloomfield Farmers' Exchange Inc., Bloomfield	10.40	16.50	14.00	4.01	3.50	8.20	10.00
7373	Wirthmore Challenger Coarse 14 Dairy Ration	A. D. Bridges Sons, Hazardville	10.11	15.81	14.00	4.22	3.25	7.85	10.00
9268	Wirthmore Coarse Test Dairy Ration	Middlefield Grain, Middlefield	10.34	18.94	16.00	4.70	4.00	7.49	9.00
7346	Wirthmore Complete Breeder Ration	F. L. Wadham & Sons, Torrington	10.61	17.25	15.00	4.16	3.50	4.35	6.00
9051	Wirthmore Complete Chick Starter	Benjamin Grain Co., Danbury	9.65	22.94	20.00	4.66	3.50	4.02	5.00
6712	Wirthmore Complete Egg Ration	Westville Grain Co., Westville	10.85	16.81	15.00	4.93	3.50	4.25	6.00
6722	Wirthmore Complete Growing Ration	R. G. Davis & Sons, New Haven	7.64	16.88	15.00	5.23	3.50	4.25	6.00
6719	Wirthmore Complete Turkey Breeder Ration	R. G. Davis & Sons, New Haven	8.20	19.88	18.00	5.38	3.50	4.27	6.00
9328	Wirthmore Complete Turkey Fattening Ration	Wirthmore Grain Co., Stepney	10.61	20.63	16.00	4.50	4.00	4.11	5.00
8995	Wirthmore Complete Turkey Growing Ration	Western Grain Co., Baltic	10.41	19.63	18.00	5.01	4.00	3.85	5.50
7024	Wirthmore 14 Dairy Fitting Feed	Wirthmore Feed Co., Fitchville	11.96	17.75	14.00	4.14	3.50	6.16	8.50
7375	Wirthmore 14 Dairy Fitting Feed	A. D. Bridges Sons, Hazardville	9.87	16.69	14.00	3.69	3.50	6.61	8.50
7597	Wirthmore 14 Dairy Fitting Feed	Wirthmore Feed Co., Fitchville	13.41	17.38	14.00	3.73	3.50	6.22	8.50
9351	Wirthmore 16 Dairy Ration	Dayville Grain & Feed, Plainfield	10.96	18.75	16.00	3.51	3.50	8.36	9.00
9391	Wirthmore Big W 16% Dairy	S. V. Osborn, Est., Branford	10.40	15.50	16.00	2.79	3.00	14.77	14.00
9508	Wirthmore 36% Dairy Mixing Ration	Conn. Valley Gristmill, Suffield	9.70	37.69	36.00	2.59	2.50	8.30	8.00
7356	Wirthmore 16 Dairy Record Ration	Litchfield County Co-op. Ass'n., Torrington	11.30	18.75	16.00	3.67	3.50	7.32	8.50
7596	Wirthmore 16 Dairy Record Ration	Wirthmore Feed Co., Fitchville	13.11	18.06	16.00	3.54	3.50	6.61	8.50
9173	Wirthmore 18 Dairy Record Ration	Bantam Supply Co., Bantam	11.57	21.06	18.00	3.35	3.50	7.22	8.50
8994	Wirthmore Fattening Pellets	Western Grain Co., Baltic	9.72	18.75	17.50	4.75	4.00	3.77	4.50
9267	Wirthmore Fodder Greens	Middlefield Grain, Middlefield	9.36	13.00	9.00	2.00	2.00	18.71	18.00
9364	Wirthmore Green Mountain 14	Soule Grain Co., New Milford	10.76	16.38	14.00	3.85	3.25	8.48	10.00
9160	Wirthmore Green Mountain 16	A. S. Labieniec, Kensington	11.84	18.75	16.00	3.35	3.25	8.61	10.00
8878	Wirthmore Green Mountain 20	Center Grain Co., Cheshire	11.91	25.00	20.00	3.30	3.25	8.73	10.00
8879	Wirthmore Grow & Egg Mash	Center Grain Co., Cheshire	11.06	20.88	20.00	4.79	3.50	4.23	5.50
7025	Wirthmore Hi-Ener-G 16	Wirthmore Feed Co., Fitchville	11.31	18.50	16.00	3.98	3.50	3.15	4.50
7027	Wirthmore Hi-Ener-G 16	Wirthmore Feed Co., Fitchville	11.73	18.75	16.00	3.84	3.50	3.27	4.50
9050	Wirthmore Hi-Ener-G 16	Benjamin Grain Co., Danbury	9.78	18.63	16.00	4.20	3.50	3.48	4.50
7026	Wirthmore Hi-Ener-G Breeder	Wirthmore Feed Co., Fitchville	11.99	18.75	16.00	4.84	3.50	3.12	4.50
9392	Wirthmore Hi-Ener-G Breeder	S. V. Osborn, Est., Branford	10.86	18.13	16.00	4.08	3.50	3.20	4.50
7348	Wirthmore Hi-Gro-Lay	F. L. Wadham & Sons, Torrington	10.59	22.19	20.00	3.86	3.50	4.07	5.50
9159	Wirthmore Hog Grower	A. S. Labieniec, Kensington	12.00	18.44	15.00	4.08	4.00	4.61	6.00
8951	Wirthmore Horse Feed	Anderson Farm Supply, Portland	14.06	11.63	10.00	3.71	3.25	4.56	9.00
7028	Wirthmore Improved Hi-Ener-G Starter & Broiler Ration	Wirthmore Feed Co., Fitchville	11.85	23.88	20.00	4.98	4.50	3.02	4.00
9353	Wirthmore Mornin' Call Growing-Laying Mash	Dayville Grain & Feed, Plainfield	9.74	25.81	20.00	3.85	3.50	5.61	7.00
7390	Wirthmore Pig & Sow Feed	Dayville Grain & Feed, Dayville	9.54	21.19	17.00	3.97	3.50	5.42	8.00
9172	Wirthmore Poultry Fitting	Bantam Supply Co., Bantam	12.66	13.75	11.50	2.91	2.50	4.69	6.50
9052	Wirthmore Poultry Flush	Benjamin Grain Co., Danbury	8.33	18.06	15.00	4.44	2.50	4.71	6.00
7347	Wirthmore Production Scratch	F. L. Wadham & Sons, Torrington	12.31	11.50	9.50	3.24	2.50	3.82	4.00
9086	Wirthmore Rabbit Pellets	The Spencer Co., Suffield	8.60	18.94	17.00	4.79	3.00	10.38	12.00
9329	Wirthmore Sheep & Goat Ration	Wirthmore Grain Co., Stepney	9.78	19.63	16.00	3.81	3.50	7.80	9.00
9365	Wirthmore Stock Feed	Soule Grain Co., New Milford	10.20	11.38	10.00	3.70	3.00	9.83	11.00
9352	Wirthmore Super Pellets	Dayville Grain & Feed, Plainfield	10.23	25.31	23.00	5.10	3.50	5.15	5.50
9473	Wirthmore Turkey Growing Ration	Litchfield County Co-op. Ass'n., Torrington	10.21	24.19	23.00	5.09	3.50	5.43	6.00
9383	Wirthmore Twin-Mix Calf Ration	Washington Supply, Washington Depot	11.55	19.19	18.00	4.00	3.00	5.96	8.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist-ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Crawford Brothers, Inc., Walton, N. Y.									
6704	14% Dry & Freshening	Riotte Grain, East Wallingford	10.55	17.06	14.00	3.31	3.50	8.25	10.00
6703	14% Fitting Ration	Riotte Grain, East Wallingford	10.47	18.63	14.00	4.73	3.50	9.27	11.00
6702	16% Milk Flow	Riotte Grain, East Wallingford	10.59	20.31	16.00	3.79	3.75	8.47	10.00
P. Cutler, Inc., Colchester, Conn.									
9062	Prosperity Dairy Ration	P. Cutler, Inc., Colchester	11.75	17.88	16.00	2.89	3.50	6.87	10.00
9061	Prosperity Laying Mash	P. Cutler, Inc., Colchester	10.30	19.50	17.00	5.09	3.50	6.35	10.00
7519	Prosperity Pig Feed	P. Cutler, Inc., Colchester	11.02	12.69	10.00	4.94	3.00	4.72	12.00
7518	Prosperity Sweet Beetus Mix	P. Cutler, Inc., Colchester	10.06	7.19	6.00	2.76	1.50	12.35	22.00
Dairy Service Corp., Brookville, Fla.									
8967	Dairy Grove Citrus Pulp	Yantic Grain & Prod., Norwich	10.42	6.75	6.00	2.54	3.00	8.89	18.00
R. G. Davis & Sons, Inc., New Haven, Conn.									
6720	Davis 16% Dairy Feed	R. G. Davis & Sons, New Haven	7.51	17.81	16.00	4.04	3.50	6.75	11.00
6724	Davis Egg Mash	R. G. Davis & Sons, New Haven	7.36	22.75	20.00	3.54	2.50	6.02	7.00
6713	Davis Horse Feed	Westville Grain Co., Westville	10.44	10.69	9.00	3.90	2.00	6.37	10.00
6723	New England College Conference Grow	R. G. Davis & Sons, New Haven	7.56	23.50	17.90	3.86	3.90	5.75	5.90
Dawe's Laboratories Inc., Chicago, Ill.									
7088	Dawe's Fermentation Flavonne	Meech & Stoddard, Middletown	6.99	34.25	30.00	5.84	3.00	8.42	9.50
6808	Dawe's Fermentation Supplement 100	Central Conn. Co-op. Farmers' Ass'n., Manchester	11.21	31.25	27.00	9.99	5.00	10.77	14.00
9513	Dawe's Fermentation Supplement 100	Central Conn. Co-op. Farmers' Ass'n., Manchester	9.19	36.38	27.00	5.04	5.00	5.86	14.00
9244	Dawe's Vitamelk (Ruminant Type)	C. A. Cowles, Inc., Plantsville	10.16	35.94	34.00	1.64	1.00	6.48	7.00
Delaware Mills, Inc., Deposit, N. Y.									
7175	Delaware Broiler Mash	Locust Grove Hatchery, Plainfield	10.34	24.13	21.00	3.54	3.00	3.45	4.00
7521	Delaware Fitting Ration	P. Cutler, Inc., Colchester	10.74	17.38	14.00	3.99	3.00	9.90	11.00
9060	Delaware Horse Feed	P. Cutler, Inc., Colchester	11.88	11.75	9.00	3.06	2.50	6.32	10.00
7520	Delaware Sweet 16% Dairy Feed	P. Cutler, Inc., Colchester	10.41	16.75	16.00	3.54	3.50	9.50	11.00
9140	Warren's Complete Grower	Wm. S. Warren & Son, Eastford	9.16	17.13	15.50	6.94	3.50	8.01	7.50
9139	Warren's Complete Layer	Wm. S. Warren & Son, Eastford	9.43	18.38	15.50	6.19	3.50	6.80	7.50
9101	Warren's Fitting Ration	Wm. S. Warren & Son, Eastford	11.17	14.06	14.00	4.00	3.00	9.13	11.00
9137	Warren's Indian 16% Dairy	Wm. S. Warren & Son, Eastford	10.90	17.31	16.00	3.84	3.00	9.13	11.00
9578	Warren's Laying Mash	Wm. S. Warren & Son, Eastford	10.58	20.44	20.00	4.77	3.50	4.52	7.50
9136	Warren's 16% Test Ration	Wm. S. Warren & Son, Eastford	11.45	16.69	16.00	3.24	3.00	8.45	11.00
The Delphos Grain & Soya Products Co., Delphos, Ohio									
6889	44% Protein Soybean Oil Meal (Solvent Extracted)	C. W. Campbell Co., Pawcatuck	11.56	46.88	44.00	0.86	0.50	5.40	7.00
Derby Feed Store, Derby, Conn.									
8816	Litsky's Hi-Energy All Mash Grower	Derby Feed Store, Derby	9.64	17.38	16.00	4.74	3.50	4.20	4.00
7463	Litsky's Hi-Energy All Mash Layer	Derby Feed Store, Derby	11.20	18.25	16.00	3.86	3.50	4.00	4.00
8812	Litsky's Hi-Energy Layer	Derby Feed Store, Derby	10.29	21.88	20.00	4.32	3.25	3.22	4.50
8813	Litsky's Sweet 16% Dairy Ration	Derby Feed Store, Derby	10.61	19.88	16.00	2.99	3.50	6.06	10.00
Dewart Milling Co., Ltd., Peterborough, Canada									
6811	Wheat Shorts	Central Conn. Co-op. Farmers' Ass'n., Manchester	10.02	16.38	14.00	4.74	5.00	7.32	8.00
Distillers Corporation Limited, Montreal, Canada									
6890	Distilco Corn Distillers' Dried Grains	C. W. Campbell Co., Pawcatuck	6.87	29.88	25.00	9.84	8.00	8.50	12.00
Dominion Malting (Ontario) Ltd., Toronto, Canada									
7515	Dried Brewer's Grains	P. Cutler, Inc., Colchester	9.74	20.13	22.00	7.49	6.00	15.72	20.00
Doughnut Corporation of America, Ellicott City, Md.									
9342	Domaco Pure Winter Wheat Bran	Libner Grain Co., Norwalk	11.23	14.94	13.50	3.79	3.25	8.79	9.50
9516	Domaco Winter Wheat Standard Middlings	Central Conn. Co-op. Farmers' Ass'n., Manchester	11.38	14.94	14.50	4.14	4.25	7.08	7.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
The Dover Milling Co., Dover, Ohio									
7461	Wheat Middlings with Mill Run Scr.	Derby Feed Store, Derby.....	11.78	14.56	14.75	3.51	3.18	5.30	6.75
Duffy-Mott Co., Inc., New York, N. Y.									
7603	Dried Apple Pomace Feed.....	L. C. Latimer, South Coventry...	9.97	5.50	5.00	4.76	3.00	16.98	25.00
E. I. du Pont de Nemours and Co., Wilmington, Del.									
8839	DU PONT TWO-SIXTY-TWO Feed Compound.....	Wolf Savitsky & Sons, Shelton...	1.93	262.19	262.00	0.15	0.10	0.35	0.60
Eastern States Farmers' Exchange, Inc., West Springfield, Mass.									
6761	All Mash Breeder.....	Eastern States Farmers' Exch., Inc., Willimantic.....	10.36	19.44	16.00	4.44	4.00	3.07	4.00
9367	Calf Starter.....	Paul W. Caldwell, New Milford...	11.01	23.13	20.00	3.45	3.00	3.51	6.00
9474	Calving Ration.....	Eastern States Farmers' Exch., Inc., Torrington.....	9.76	12.69	9.50	1.64	1.50	12.41	15.00
9082	Champion.....	Ayer & Simmons, Inc., Granby...	11.21	17.25	14.00	3.07	2.50	5.09	7.00
9038	Class Leader.....	Eastern States Farmers' Exch., Inc., Bethel.....	10.67	15.81	14.00	4.58	3.50	6.71	9.00
8993	Darimore.....	Eastern States Farmers' Exch., Inc., Norwich.....	9.72	18.75	16.00	3.44	2.00	9.31	12.00
7366	Fulpail.....	Eastern States Farmers' Exch., Inc., Torrington.....	9.79	21.75	20.00	4.14	3.00	6.39	9.00
7365	Goalmaker.....	Eastern States Farmers' Exch., Inc., Torrington.....	10.46	18.25	16.00	4.31	4.00	3.37	4.00
9083	Lay-Mix.....	Ayer & Simmons, Inc., Granby...	7.52	36.31	36.00	2.29	2.00	5.83	6.50
8990	Milkmore.....	Eastern States Farmers' Exch., Inc., Norwich.....	10.34	18.75	16.00	4.13	3.50	7.07	9.00
9247	Milksaver.....	Eastern States Farmers' Exch., Inc., North Haven.....	6.35	26.19	24.00	1.38	1.00	0.74	1.50
Eastern States Farmers' Exchange, Inc., Torrington.....									
7363	Mixed Feed A.....	Eastern States Farmers' Exch., Inc., Torrington.....	11.46	16.75	16.00	3.21	2.50	3.95	6.00
6760	Pig Primer.....	Eastern States Farmers' Exch., Inc., Willimantic.....	10.26	18.19	16.00	3.74	3.00	4.32	5.50
9040	Pork Builder.....	Eastern States Farmers' Exch., Inc., Bethel.....	11.17	15.81	14.00	3.64	3.00	3.09	4.00
9245	Porkmix.....	Eastern States Farmers' Exch., Inc., North Haven.....	7.66	37.13	36.00	3.99	3.50	6.91	8.00
9084	Rabbettes.....	Ayer & Simmons, Inc., Granby...	8.60	19.94	18.00	3.20	2.00	11.65	16.00
7364	Supmix.....	Eastern States Farmers' Exch., Inc., Torrington.....	9.82	37.69	36.00	2.49	1.50	6.00	8.00
6762	Sweepstakes.....	Eastern States Farmers' Exch., Inc., Willimantic.....	10.86	18.38	16.00	3.19	3.00	5.27	8.00
8992	Turkey Finisher Pellets.....	Eastern States Farmers' Exch., Inc., Norwich.....	10.31	18.75	16.50	4.47	4.00	3.06	4.00
9039	Turkey Grower.....	Eastern States Farmers' Exch., Inc., Bethel.....	10.09	21.88	20.00	3.64	3.00	4.16	4.50
Eckhart Milling Co., Chicago, Ill.									
7376	Ecko Pure Wheat Bran.....	A. D. Bridges Sons, Hazardville...	11.16	16.75	14.00	4.33	3.50	9.02	12.00
9273	Standard Wheat Middlings with Ground Recleaned Wheat Scr....	Middlefield Grain, Middlefield...	9.70	16.69	15.00	4.19	4.00	5.86	9.50
Elmore Milling Co., Inc., Oneonta, N. Y.									
9489	Elmore Booster Pellets.....	Elmore Conn. Stores, Hampton...	10.36	24.25	25.00	3.93	3.00	4.28	6.00
9346	Elmore Breeder Mash.....	Elmore Conn. Stores, Plainfield...	10.24	21.88	20.00	3.49	3.00	5.30	6.00
9492	Elmore Calf Grain Ration.....	Elmore Conn. Stores, Hampton...	11.32	13.69	13.00	3.69	2.50	7.01	9.00
9440	Elmore Chick Feed.....	United Co-op. Farmers, Danielson...	12.03	10.25	9.00	1.84	2.50	1.42	5.00
9488	Elmore Complete Breeder Ration...	Elmore Conn. Stores, Hampton...	10.85	17.50	16.00	3.81	3.00	3.67	5.00
9067	Elmore Complete Growing Ration..	Elmore Conn. Stores, Amston...	11.39	16.19	15.00	3.86	3.00	4.96	5.00
6715	Elmore Complete Market Egg Ration.....	East Haven Hay & Grain, East Haven.....	10.15	18.94	16.00	4.09	3.00	5.00	5.00
9490	Elmore Complete Rabbit Ration Pellets.....	Elmore Conn. Stores, Hampton...	10.56	18.75	16.00	4.57	2.50	8.16	10.00
7160	Elmore Complete Turkey Breeder Ration.....	Elmore Conn. Stores, Forestville...	10.21	23.25	15.00	3.79	3.00	4.17	6.00
6718	Elmore Dry & Freshening Ration...	East Haven Hay & Grain, East Haven.....	8.87	17.63	12.00	4.24	3.50	6.65	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Elmore Milling Co., Inc., Oneonta, N. Y.—Cont.									
9347	Elmore Egg Mash	Elmore Conn. Stores, Plainfield	10.86	23.13	22.00	5.20	3.50	4.28	6.00
9064	Elmore Fitting Ration 14%	Elmore Conn. Stores, Amston	10.94	15.81	14.00	4.32	3.50	6.12	8.00
7159	Elmore Flaked Pelleted Calf Starter	Elmore Conn. Stores, Forestville	10.46	19.63	18.00	3.06	2.50	5.62	8.00
9484	Elmore Game Bird Grower	Elmore Conn. Stores, Hampton	10.09	20.38	20.00	3.63	3.00	5.57	8.00
7157	Elmore Goat Ration	Elmore Conn. Stores, Forestville	11.77	15.69	16.00	3.71	3.00	5.25	10.00
9092	Elmore Grand Champion Ration	Belmont Feed Co., Cos-Cob	12.57	15.63	15.00	4.04	3.50	5.81	9.00
9344	Elmore Growing Mash	Elmore Conn. Stores, Plainfield	10.69	17.75	18.00	3.65	2.50	5.92	6.00
9563	Elmore Hog Ration	Elmore Conn. Stores, Plainfield	10.19	16.06	15.00	4.24	3.50	5.26	8.00
7158	Elmore Horse Crunchies	Elmore Conn. Stores, Forestville	10.21	20.13	15.00	3.94	4.00	6.85	10.00
9562	Elmore Horse Feed	Elmore Conn. Stores, Thomaston	11.50	11.88	9.00	3.23	3.00	4.78	11.00
7372	Elmore M.A.C. Laying Mash	E. B. Buck, Hazardville	10.24	21.69	20.00	3.34	3.00	5.50	6.00
7161	Elmore Milk Grains "Sixteen"	Elmore Conn. Stores, Forestville	10.64	18.38	16.00	3.86	3.50	6.77	9.00
7156	Elmore Mixed Feed "A"	Elmore Conn. Stores, Forestville	11.46	16.31	16.00	3.83	3.00	7.14	12.00
7370	Elmore Pacemaker 16% Dairy Ration	E. B. Buck, Hazardville	9.79	18.06	16.00	2.99	2.50	9.62	10.00
9561	Elmore Pacemaker Fitting Ration	Elmore Conn. Stores, Thomaston	10.85	17.75	14.00	3.28	3.00	7.56	9.00
9491	Elmore Poultry & Turkey Fitting Ration	Elmore Conn. Stores, Hampton	11.96	11.38	12.00	3.18	3.00	5.77	10.00
7371	Elmore 30% Supplemental Dairy Ration	E. B. Buck, Hazardville	9.29	30.06	30.00	2.99	2.00	8.17	10.00
9066	Elmore Test Ration 16%	Elmore Conn. Stores, Amston	10.21	17.00	16.00	4.00	4.00	6.75	9.00
9091	Elmore Test Ration 18%	Belmont Feed Co., Cos-Cob	11.73	20.38	18.00	4.04	4.00	6.37	9.00
9345	Elmore Turkey Finisher (Fattener)	Elmore Conn. Stores, Plainfield	10.04	21.88	16.00	5.19	3.50	5.11	6.00
9065	Elmore Turkey Growing Mash	Elmore Conn. Stores, Amston	10.71	20.50	20.00	3.34	3.00	5.55	6.00
John W. Eshelman & Sons, Lancaster, Pa.									
6710	Conestoga 18 Dairy Feed	Thos. F. Moran & Son, New Haven	9.91	20.63	18.00	3.74	3.00	8.45	11.00
9021	Lancaster Scratch Grains	New London Grain, New London	14.00	11.13	9.00	2.29	2.00	3.68	4.00
6709 Pennsy 16 Dairy Feed									
8982	Pennsy Laying Mash	Thos. F. Moran & Son, New Haven	9.65	20.25	16.00	3.46	2.50	8.52	15.00
7387	Red Rose Breeder Mash	The A. E. Shedd Co., Norwich	11.31	18.25	20.00	3.73	3.50	5.59	8.00
9023	Red Rose Broiler Finisher	Shepard & Whittemore, Putnam	9.51	20.06	20.00	4.94	3.50	4.60	5.50
9388	Red Rose Chick Grains	New London Grain, New London	11.30	20.19	18.00	4.69	3.50	4.22	5.00
9026	Red Rose Complete Growing Ration	H. H. Stone & Sons, Southbury	12.67	11.25	9.00	3.54	2.00	1.84	3.00
6742	Red Rose Complete Laying Ration	New London Grain, New London	11.12	18.75	16.00	4.46	3.50	4.61	6.00
9437	Red Rose Complete Turkey Grower	H. H. Stone & Sons, Southbury	10.74	18.50	16.00	4.94	3.50	4.32	4.50
7355	Red Rose 16 Dairy Feed	Shepard & Whittemore, Putnam	10.11	20.56	18.00	4.99	3.50	5.05	6.00
7050	Red Rose 18 Dairy Feed	Litchfield County Co-op. Ass'n., Torrington	10.00	18.38	16.00	3.69	3.50	6.10	8.50
9150B	Red Rose 32% Dairy Supplement	Thomaston Supply Co., Thomaston	10.55	20.50	18.00	3.86	3.50	7.22	9.50
9278	Red Rose Duck Grower & Breeder	South Windsor Grain, So. Windsor	10.36	36.63	32.00	3.01	2.50	7.40	9.00
7544	Red Rose Fitting Ration	Young's Feed Store, Ridgefield	9.86	20.44	18.00	4.79	3.50	4.27	6.50
9276	Red Rose Goat Ration	A. E. Hall, Wallingford	11.01	14.00	12.00	3.23	3.50	6.77	7.00
8981	Red Rose Growing Mash	Young's Feed Store, Ridgefield	10.26	19.06	15.00	3.53	3.00	6.44	9.00
6743	Red Rose Hog Meal	The A. E. Shedd Co., Norwich	10.96	18.25	20.00	3.96	3.50	5.12	7.00
6708	Red Rose Horse Feed	H. H. Stone & Sons, Southbury	10.82	22.44	16.00	4.38	3.50	3.35	8.00
9277	Red Rose Intermediate Chick Grains	Thos. F. Moran & Son, New Haven	11.10	12.50	9.00	4.23	3.00	5.92	10.00
8973	Red Rose Laying Mash	Young's Feed Store, Ridgefield	11.81	11.69	9.00	3.84	2.00	1.71	3.00
8984	Red Rose Milk Replacer	The A. E. Shedd Co., Norwich	10.75	18.75	20.00	4.58	3.50	4.93	5.50
9041	Red Rose Pig & Sow Meal	The A. E. Shedd Co., Norwich	8.39	23.56	22.00	1.14	1.00	1.06	1.00
8983	Red Rose Pigeon Feed	Marble & Risser, Bethel	10.21	18.25	16.00	4.29	3.50	4.92	6.00
8961	Red Rose Rabbit Pellets	The A. E. Shedd Co., Norwich	12.52	15.63	12.00	3.04	3.00	3.11	4.00
6733	Red Rose Scratch Grains	A. E. Hall, Wallingford	9.58	19.38	18.00	3.54	3.00	9.03	12.00
6711	Red Rose Starter & Grower	H. H. Stone & Sons, Southbury	10.17	9.88	9.00	3.77	2.00	2.20	4.00
8985	Red Rose 14 Test Cow Ration	Thos. F. Moran & Son, New Haven	10.14	20.00	18.00	5.21	3.50	4.45	6.50
9042	S-O-S	The A. E. Shedd Co., Norwich	11.50	17.06	14.00	3.54	3.50	6.38	8.50
		Marble & Risser, Bethel	9.43	14.56	11.00	2.89	2.00	14.36	16.00
Evans Milling Co., Indianapolis, Ind.									
8986	Emco Hominy Feed	The A. E. Shedd Co., Norwich	12.04	11.25	10.00	4.86	5.00	3.86	7.00
FMS Incorporated, Chicago, Ill.									
9573	FMS	L. C. Latimer, South Coventry	5.50	23.13	23.00	1.00	0.50	0.20	0.25

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Farm Bureau Association, Waltham, Mass.									
7350	Farm Bureau Complete Market Egg Mash	Litchfield County Co-op. Ass'n., Torrington	10.30	16.50	16.00	4.41	3.50	3.57	4.50
7354	Farm Bureau 16% Dairy Ration	Litchfield County Co-op. Ass'n., Torrington	10.36	17.56	16.00	3.85	3.50	6.10	8.50
7351	Farm Bureau 20% Dairy Ration	Litchfield County Co-op. Ass'n., Torrington	10.46	21.88	20.00	3.28	3.50	6.20	8.00
9464	Farm Bureau Market Egg Mash	Litchfield County Co-op. Ass'n., Torrington	10.16	21.88	20.00	5.04	3.50	4.41	5.00
9470	Farm Bureau 14% Milking Ration	Litchfield County Co-op. Ass'n., Torrington	10.44	15.63	14.00	3.98	3.50	6.33	8.00
7349	Special 14 Dairy (Flood Emergency Mixed Feed) Type B	Litchfield County Co-op. Ass'n., Torrington	10.69	16.81	....	3.59	....	4.50	....
Farm Bureau Cooperative Ass'n., Columbus, Ohio									
8836	Dehydrated Alfalfa Meal	Wolf Savitsky & Sons, Shelton	6.81	18.75	17.00	2.86	1.50	23.49	27.00
9306	Dehydrated Alfalfa Meal	C. W. Campbell Co., Pawcatuck	6.71	17.75	17.00	2.74	1.50	24.01	27.00
Farmers Feed Co., Brooklyn, N. Y.									
9327	"Bull Brand" Brewers Dried Grains	Long Hill Feed Store, Long Hill	8.44	26.94	26.00	6.65	6.00	11.73	17.00
Fish Products Co., Lewes, Del.									
7107	Smith's Lifeline Brand Fish Meal	University of Conn., Storrs	7.08	65.50	60.00	10.64	5.00	0.12	3.00
Florida Citrus Cannery Cooperative, Lake Wales, Fla.									
6764	Lake Wales Brand Citrus Pulp	W. D. Grant Co., Willimantic	8.20	7.00	6.00	6.13	2.00	11.52	16.00
The Fox Company, Newfield, N. J.									
7456	Foxco Flavitein	Libner Grain Co., Norwalk	8.55	39.13	35.00	7.19	2.00	1.50	2.50
Fruit Industries, Bradenton, Fla.									
8950	Tropicana's Sweetest Dried Citrus Pulp	Anderson Farm Supply, Portland	11.89	6.75	6.00	2.50	3.00	9.78	12.00
General Foods Corp., Kankakee, Ill.									
7433	Burt's Hominy Feed	United Co-op. Farmers, Danielson	11.56	12.69	9.00	6.81	5.00	4.30	6.00
General Mills, Inc., Minneapolis, Minn.									
7183	Ben Hur Wheat Bran & Ground Wheat Screenings	United Co-op. Farmers, Moosup	10.11	14.69	14.00	4.04	3.00	9.17	12.00
8991	Ben Hur Wheat Standard Middlings & Ground Wheat Screenings	Eastern States Farmers' Exch., Inc., Norwich	11.77	15.75	15.00	4.00	4.00	7.62	9.50
9151	Washburn's Gold Medal Wheat Adrian Red Dog	South Windsor Grain, So. Windsor	12.44	18.94	16.00	3.63	3.50	2.66	4.00
9011	Washburn's Gold Medal Wheat Bran & Ground Wheat Screenings	Thomaston Supply Co., Thomaston	11.01	15.63	14.00	4.44	3.50	9.29	12.00
General Mills, Inc., Larowe Region, Detroit, Mich.									
7034	Larro Poultry SureHatch Complete "H-E"	C. A. Cowles, Inc., Plantsville	11.06	17.00	16.00	3.98	2.50	3.79	5.00
7557	Larro Scratch Grains	Meeker Hardware, Danbury	13.01	11.06	9.00	2.86	2.00	3.40	5.00
9586	Larro SureBroiler 38	C. A. Cowles, Inc., Plantsville	8.66	40.38	38.00	3.60	3.50	5.37	4.00
9585	Larro SureBroiler Finisher 23	C. A. Cowles, Inc., Plantsville	9.80	23.81	23.00	7.24	6.50	2.27	2.50
9238	Larro SureLay Complete "H-E"	C. A. Cowles, Inc., Plantsville	9.19	16.13	16.00	2.61	2.50	4.50	5.00
7033	Larro SureLay "H-E"	C. A. Cowles, Inc., Plantsville	11.51	21.50	20.00	4.16	2.50	4.10	5.50
7032	Larro SureMilk 14	C. A. Cowles, Inc., Plantsville	10.61	14.88	14.00	3.04	3.00	8.60	9.00
7029	Larro SureMilk 16	C. A. Cowles, Inc., Plantsville	11.50	16.44	16.00	3.15	3.00	7.30	9.00
7369	Larro SureMilk 16	E. B. Buck, Hazardville	10.25	18.75	16.00	3.60	3.00	7.55	9.00
9587	Larro SurePork 35	C. A. Cowles, Inc., Plantsville	9.15	37.50	35.00	2.15	2.00	6.08	10.00
7556	Larro SurePork Complete	Meeker Hardware, Danbury	12.76	17.38	15.00	3.74	3.00	4.08	6.00
9239	Larro SurePoult	C. A. Cowles, Inc., Plantsville	9.52	24.94	24.00	2.73	2.50	6.05	6.50
7038	Larro SureRabbit	C. A. Cowles, Inc., Plantsville	8.99	19.69	15.00	3.94	2.00	13.57	19.00
9240	Larro SureTurk	C. A. Cowles, Inc., Plantsville	9.01	28.94	27.00	2.73	2.50	7.30	8.50
The Glidden Co., Chemurgy Div., Chicago, Ill.									
8863	Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	12.01	44.13	44.00	0.96	0.50	5.75	7.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Pounds per hundred (or per cent)									
Gloucester By-Products, Inc., Gloucester, Mass.									
8865	Globpro Brand Fish Meal 60%.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	8.36	64.63	60.00	12.73	8.00	0.21	1.00
Goldenrod Oil Meal Sales Co., Memphis, Tenn.									
7078	Goldenrod Brand 41% Protein Cottonseed Meal—Prime Quality.....	Wolf Savitsky & Sons, Shelton...	8.14	43.19	41.00	3.89	3.00	9.15	14.00
Gorton-Pew Fisheries Co. Ltd., Gloucester, Mass.									
7542	Gorton's Al-Blend "Junior".....	A. E. Hall, Wallingford.....	8.32	44.88	40.00	8.04	6.00	6.10	8.00
7500	Gorton's Al-Blend "Senior".....	Community Service, Canaan.....	8.00	43.75	40.00	10.04	7.50	5.47	8.00
6891	Gorton's Mar-Vi-Tic Blend.....	C. W. Campbell Co., Pawcatuck..	9.18	42.88	40.00	8.56	8.00	1.09	2.00
Grandin Brothers Corporation, Jamestown, N. Y.									
8869	Golden Harvest Complete Egg Mash	G. Merritt Thompson, Mansfield Depot.....	11.64	16.38	16.00	3.06	2.50	4.02	4.50
8871	Golden Harvest 14% Fitting Ration	G. Merritt Thompson, Mansfield Depot.....	11.84	19.50	14.00	3.94	3.00	8.18	11.00
9360	Golden Harvest Pasture Ration....	L. B. Whitford, Oneco.....	10.94	17.25	14.00	3.29	3.00	6.90	11.00
8867	Golden Harvest 16% Test Ration..	G. Merritt Thompson, Mansfield Depot.....	11.43	21.38	16.00	3.77	3.00	7.63	11.00
7180	Grandin's Baby Chick Grains.....	L. B. Whitford, Oneco.....	12.86	9.63	10.00	2.61	2.50	1.27	5.00
7553	Grandin's Calf Starter.....	Meeker Hardware, Danbury.....	11.74	16.81	18.00	2.86	3.00	7.30	10.00
9436	Grandin's Dry & Freshening Ration	Shepard & Whittemore, Putnam..	12.00	13.38	12.00	3.33	3.00	5.37	12.00
9048	Grandin's 14 Fitting Ration.....	Meeker Hardware, Danbury.....	11.07	16.31	14.00	3.07	3.00	6.22	10.00
7552	Grandin's Hi-Pro Pellets.....	Meeker Hardware, Danbury.....	13.16	20.44	22.00	3.19	3.00	4.75	5.00
7176	Grandin's Horse Feed.....	L. B. Whitford, Oneco.....	10.75	11.00	9.00	3.33	3.00	5.75	11.00
9049	Grandin's Intermediate Chick Grain	Meeker Hardware, Danbury.....	11.25	10.75	10.00	2.78	2.50	1.61	5.00
7554	Grandin's Laying Mash.....	Meeker Hardware, Danbury.....	13.38	21.38	20.00	2.98	2.00	4.64	4.50
7179	Grandin's 20 Milk Maker.....	L. B. Whitford, Oneco.....	9.50	19.88	20.00	2.63	3.00	7.47	10.00
7177	Grandin's Peerless 14 Fitting Ration	L. B. Whitford, Oneco.....	9.64	14.88	14.00	3.44	3.00	8.97	11.00
9047	Grandin's Rabbit Pellets.....	Meeker Hardware, Danbury.....	9.36	18.75	17.00	2.87	3.00	12.88	18.00
7385	Grandin's Start-To-Finish Mash....	Shepard & Whittemore, Putnam..	10.36	22.06	20.00	3.18	2.50	4.67	5.00
7178	Grandin's 16 Test Ration.....	L. B. Whitford, Oneco.....	10.14	16.75	16.00	2.83	3.00	6.75	10.00
7386	Grandin's 18 Test Ration.....	Shepard & Whittemore, Putnam..	10.36	20.69	18.00	3.40	3.00	5.27	10.00
The Great Atlantic & Pacific Tea Co., Minneapolis, Minn.									
9595	Daily Egg Laying Mash.....	A & P Warehouse, East Hartford..	8.58	20.31	20.00	4.58	3.00	7.97	7.50
Great Star Flour Mills Ltd., St. Marys, Canada									
7524	Wheat Shorts.....	P. Cutler, Inc., Colchester.....	11.06	14.88	14.00	5.00	5.00	6.67	8.00
Pablo Hadra & Cia. S. A., Buenos Aires, Argentina									
6607	Corn Distillers Grains (Dark).....	Meech & Stoddard, Middletown..	5.51	45.94	30.00	8.91	8.00	21.21	20.00
Haffenreffer & Co., Inc., Boston, Mass.									
7038	Haffenreffer & Co.'s Brewers' Dried Yeast.....	Yantic Grain & Prod., Norwich...	8.01	39.13	41.00	0.76	0.80	2.02	5.50
Hales & Hunter Co., Chicago, Ill.									
7378	Pioneer Beef Fitting Ration.....	Putnam Farmers' Co-op. Ass'n., Inc., Putnam.....	10.70	13.13	12.00	3.09	3.00	5.35	6.02
9089	Pioneer Bull Feed.....	Belmont Feed Co., Cos-Cob.....	11.46	13.94	12.00	3.13	3.00	7.19	9.00
7380	Pioneer Calf Starter.....	Putnam Farmers' Co-op. Ass'n., Inc., Putnam.....	9.42	20.00	18.00	3.06	2.50	5.22	7.00
9402	Pioneer Dairy Fitting Feed.....	Putnam Farmers' Co-op. Ass'n., Inc., Putnam.....	12.16	15.25	14.00	3.25	3.00	7.10	9.00
7080	Pioneer Dairy Production 18.....	Wolf Savitsky & Sons, Shelton...	11.91	19.81	18.00	2.73	3.00	5.90	8.00
6883	Pioneer Dry & Freshening.....	Little & McKinney, Manchester..	12.79	14.50	12.00	3.68	2.50	6.70	8.00
7377	Pioneer Dry & Freshening.....	Putnam Farmers' Co-op. Ass'n., Inc., Putnam.....	11.23	14.56	12.00	3.44	2.50	7.12	8.00
9403	Pioneer Greeno.....	Putnam Farmers' Co-op., Ass'n., Inc., Putnam.....	12.86	14.38	12.00	1.80	2.50	14.65	15.00
6820	Pioneer Horse Feed.....	Little & McKinney, Manchester..	9.36	13.50	12.00	3.97	2.50	7.45	8.00
7082	Pioneer Pelleted Flaked 15 Dairy..	Wolf Savitsky & Sons, Shelton...	11.09	17.69	15.00	3.54	3.00	5.60	7.00
9090	Pioneer Pelleted Flaked 18 Dairy..	Belmont Feed Co., Cos-Cob.....	10.66	20.56	18.00	2.89	3.00	6.38	7.00
9435	Pioneer Rabbit Pellets.....	Putnam Farmers' Co-op. Ass'n., Inc., Putnam.....	9.00	18.44	16.00	3.32	2.00	8.19	15.00
7081	Red Comb All Mash Layer.....	Wolf Savitsky & Sons, Shelton...	10.21	19.63	17.00	3.76	3.50	4.55	5.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moisture	Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Pounds per hundred (or per cent)									
Hales & Hunter Co., Chicago, Ill.—Cont.									
9582	Red Comb Breeder Mash	Little & McKinney, Manchester	9.15	20.00	20.00	7.21	3.50	5.71	6.50
9581	Red Comb Broiler Finisher	Little & McKinney, Manchester	11.19	21.13	19.00	5.64	4.00	3.06	4.00
6818	Red Comb Broiler Mash	Little & McKinney, Manchester	9.71	23.13	22.00	5.24	4.00	3.20	4.00
9404	Red Comb C Flakes	Putnam Farmers' Co-op. Ass'n., Inc., Putnam	10.86	15.69	15.00	3.66	2.50	2.54	5.00
6714	Red Comb Crate Fattener	Westville Grain Co., Westville	10.00	17.06	13.00	3.14	3.00	5.85	7.00
7079	Red Comb Duck Grower	Wolf Savitsky & Sons, Shelton	10.56	16.13	16.00	3.19	3.00	4.42	6.00
7083	Red Comb Duck Starter	Wolf Savitsky & Sons, Shelton	9.25	19.25	18.00	3.71	3.00	5.49	6.50
9433	Red Comb Egg Mash	Putnam Farmers' Co-op. Ass'n., Inc., Putnam	10.14	21.63	20.00	4.26	3.50	5.30	6.50
6819	Red Comb Growing Mash	Little & McKinney, Manchester	9.48	24.56	18.00	4.69	3.00	4.60	7.00
7381	Red Comb Poultry Flesher	Putnam Farmers' Co-op. Ass'n., Inc., Putnam	10.70	16.00	15.00	4.86	3.00	3.50	5.00
9580	Red Comb Turkey Finisher	Little & McKinney, Manchester	10.64	17.38	16.00	3.54	3.00	4.42	5.50
9576	Red Comb Turkey Grower	Little & McKinney, Manchester	10.21	23.81	23.00	4.01	3.00	5.61	6.00
A. E. Hall, Wallingford, Conn.									
7550	Hall's Growing Mash	A. E. Hall, Wallingford	11.00	18.00	16.00	3.89	3.50	7.05	7.50
8959	Hall's Hi-Lo Starter & Broiler	A. E. Hall, Wallingford	10.71	20.00	20.00	4.75	3.50	3.31	4.50
8960	Hall's Laying Mash	A. E. Hall, Wallingford	10.07	21.63	20.00	4.64	3.50	5.63	7.50
The Hubinger Co., Keokuk, Iowa									
8882	KeOKuk 21% Protein Corn Gluten Feed	Meech & Stoddard, Middletown	10.68	31.81	21.00	1.61	1.00	6.37	10.00
9554	KeOKuk 21% Protein Corn Gluten Feed	Yantic Grain & Prod., Norwich	9.28	26.63	21.00	1.84	1.00	7.58	10.00
Humphreys-Godwin Co., Memphis, Tenn.									
8831	Dixie Brand 41% Cottonseed Meal	Wolf Savitsky & Sons, Shelton	8.36	43.75	41.00	4.79	3.00	8.07	12.00
Illinois Cereal Mills, Inc., Paris, Ill.									
7352	Hominy Feed	Litchfield County Co-op. Ass'n., Torrington	10.26	11.94	10.00	6.90	5.00	4.67	6.00
J. F. Imbs Milling Co., St. Louis, Mo.									
7443	Charm Pure Winter Wheat Bran	Libner Grain Co., Norwalk	13.96	17.06	14.00	4.22	3.50	8.72	11.00
Industrial Molasses Corp., Minneapolis, Minn.									
9095	Dried Molasses-Beet Pulp	Reliable Grain & Feed, Meriden	10.41	9.88	7.00	0.74	0.30	15.16	20.00
International Milling Co., Minneapolis, Minn.									
6779	Blackhawk Wheat Bran with Ground Mixed Screenings	Boston Grain Co., Willimantic	10.91	15.50	13.50	3.54	2.50	11.87	12.00
9302	Blackhawk Wheat Standard Midlings with Ground Mixed Screenings	C. W. Campbell Co., Pawcatuck	11.00	15.13	14.00	5.15	3.00	6.99	9.50
6727	Target Wheat Reddog	C. L. Adams Co., Southbury	9.37	17.50	15.00	3.96	2.00	2.82	4.00
Iowa Milling Co., Cedar Rapids, Iowa									
6892	Hygrade 44% Protein Solvent Extracted Soybean Oil Meal	C. W. Campbell Co., Pawcatuck	13.22	44.50	44.00	0.63	0.50	6.55	7.00
Herman Isacs, Inc., Bridgeport, Conn.									
6810	Hi-Test Meat & Bone Scrap	Central Conn. Co-op. Farmers' Ass'n., Manchester	6.82	51.63	50.00	3.86	2.00	1.75	3.00
6813	Hi-Test Meat & Bone Scrap	Central Conn. Co-op. Farmers' Ass'n., Manchester	5.61	51.75	50.00	3.89	2.00	1.80	3.00
Kellogg Company, Battle Creek, Mich.									
8963	Kellogg's Hominy Feed	Yantic Grain & Prod., Norwich	10.59	10.06	9.50	7.19	5.00	2.95	5.00
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.									
9550	Spencer Kellogg's 34% Old Process (Expeller) Linseed Oil Meal	Yantic Grain & Prod., Norwich	10.57	33.63	34.00	2.54	3.50	10.38	10.00
7442	Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted	Libner Grain Co., Norwalk	12.06	48.00	44.00	0.99	0.50	5.30	7.00
Kentucky By-Products Corp., Louisville, Ky.									
6787	Brewer's Dried Grain	Seymour Grain & Coal, Seymour	7.30	23.19	22.00	6.14	6.00	14.10	18.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Keystone Dehydrators, Nazareth, Pa.									
8838	Keystone Super-Green Dehydrated Alfalfa Meal	Wolf Savitsky & Sons, Shelton	7.02	18.75	17.00	2.18	2.00	28.30	27.00
Chas. A. Krause Milling Co., Milwaukee, Wis.									
9382	Badger Yellow Hominy Feed	Checkerboard Feed, New Milford	10.65	11.56	10.00	5.54	5.00	3.75	6.00
Kuder Pulp Sales Co., Lake Alfred, Fla.									
9560	Kuder Dried Citrus Pulp High Sugar	Elmore Conn. Store, Thomaston	8.47	7.25	6.00	5.00	5.00	10.93	13.00
9357	Kuder Dried Citrus Pulp High Sugar Late Production	United Co-op. Farmers, Moosup	9.54	6.88	6.00	3.92	3.00	9.30	13.00
L. C. Latimer, South Coventry, Conn.									
7103	College 18% Dairy Ration	L. C. Latimer, South Coventry	11.04	18.06	18.00	3.71	4.00	8.90	9.00
8937	College Growing Mash	L. C. Latimer, South Coventry	14.18	16.56	17.50	4.42	3.50	6.98	6.00
7102	College Mash with Oil	L. C. Latimer, South Coventry	11.61	21.06	17.50	3.84	4.50	6.20	8.00
Lauhoff Grain Co., Danville, Ill.									
7089	Vermilion Hominy Feed	Meech & Stoddard, Middletown	10.11	12.50	9.00	6.59	5.00	4.95	6.00
Lauhoff Soya Co., Danville, Ill.									
7551	44% Protein Solvent Extracted Soybean Oil Meal	A. E. Hall, Wallingford	12.26	47.06	44.00	0.73	0.50	5.57	7.00
Libby, McNeill & Libby, Chicago, Ill.									
9348	Headliner Brand Dried Citrus Pulp	Elmore Conn. Store, Plainfield	10.56	6.25	5.00	1.75	2.50	8.89	15.00
The Libner Grain Co., Norwalk, Conn.									
7441	Libner's Blue Ribbon 16% Dairy Ration	Libner Grain Co., Norwalk	13.46	18.75	16.00	3.44	5.00	6.68	8.00
Libner's Blue Ribbon Growing Mash									
9340	Libner's Blue Ribbon Growing Mash	Libner Grain Co., Norwalk	10.05	24.38	18.00	5.18	4.00	5.37	6.00
Libner's Blue Ribbon Horse & Calf Ration									
7459	Libner's Blue Ribbon Horse & Calf Ration	Libner Grain Co., Norwalk	12.81	11.31	10.50	3.69	3.50	6.20	7.00
Libner's Blue Ribbon Milk Egg Mash									
9339	Libner's Blue Ribbon Milk Egg Mash	Libner Grain Co., Norwalk	10.26	23.25	20.00	4.42	3.00	5.22	6.50
Libner's 20% Milk@ow Dairy Ration									
9343	Libner's 20% Milk@ow Dairy Ration	Libner Grain Co., Norwalk	10.71	21.19	20.00	3.34	4.00	6.97	9.00
Litchfield County Co-operative Ass'n., Inc., Torrington, Conn.									
7358	"Common Sense" Laying Mash	Litchfield County Co-op. Ass'n., Torrington	10.37	17.63	18.00	3.29	3.50	4.42	7.00
McMillen Feed Mills, Fort Wayne, Ind.									
7114	Master Blend Dairy Concentrate	Fred C. Morse & Son, Guilford	9.69	33.69	33.00	1.22	0.50	6.40	9.00
9542	Master Mix Beef Concentrate	Seymour Grain & Coal, Seymour	9.78	33.56	32.00	1.16	1.00	8.57	9.50
9534	Master Mix Broiler Finisher	Seymour Grain & Coal, Seymour	10.82	18.88	18.50	4.91	4.00	3.47	4.00
6783	Master Mix Bulky Feed	Seymour Grain & Coal, Seymour	8.56	10.75	10.00	1.58	1.50	11.15	15.00
9535	Master Mix Callac	Seymour Grain & Coal, Seymour	4.68	18.75	18.00	10.74	11.00	0.13	0.50
9399	Master Mix Chick Concentrate	Fred C. Morse & Sons, Guilford	9.35	36.88	36.00	3.96	4.00	5.11	5.50
6785	Master Mix Complete Calf Mix	Seymour Grain & Coal, Seymour	9.96	20.75	17.50	3.44	3.00	6.50	8.00
9530	Master Mix Complete Rabbit Pellets	Seymour Grain & Coal, Seymour	9.14	15.88	15.00	2.54	2.00	12.62	16.00
9323	Master Mix Complete Turkey Finisher	C. W. Campbell Co., Pawcatuck	9.98	18.00	16.00	3.24	3.50	5.14	6.00
6788	Master Mix Egg Concentrate	Seymour Grain & Coal, Seymour	8.59	43.75	42.00	6.26	6.00	4.00	4.00
8809	Master Mix Egg Mash	Seymour Grain & Coal, Seymour	10.87	23.31	20.00	2.79	2.50	4.79	7.00
6793	Master Mix Fitting Feed	Seymour Grain & Coal, Seymour	9.41	15.19	12.00	3.04	3.00	7.05	9.00
9557	Master Mix Hi-Calorie Broiler Concentrate	Machnicki's Grain, Jewett City	9.87	43.69	44.00	4.89	4.50	2.99	3.00
9324	Master Mix Hi-Calorie Eggglac Pellets	C. W. Campbell Co., Pawcatuck	10.11	23.75	22.00	4.99	4.50	2.85	3.50
9556	Master Mix Hi-Calorie Finisher Concentrate	Machnicki's Grain, Jewett City	9.96	42.50	42.00	5.40	5.00	2.87	3.00
6897	Master Mix 35% Hog Concentrate	C. W. Campbell Co., Pawcatuck	10.76	35.50	35.00	1.77	1.50	6.82	9.00
7113	Master Mix Horse Feed	Fred C. Morse & Son, Guilford	12.06	13.63	10.00	3.09	3.00	6.42	9.00
6789	Master Mix Layer Concentrate	Seymour Grain & Coal, Seymour	8.24	37.69	34.00	4.18	2.50	6.26	7.50
6896	Master Mix Pig Concentrate	C. W. Campbell Co., Pawcatuck	11.52	40.31	38.00	1.54	1.50	5.97	8.00
9325	Master Mix Pig-Ets	C. W. Campbell Co., Pawcatuck	10.70	18.25	18.00	3.74	3.50	2.67	3.50
9322	Master Mix Sow Concentrate	C. W. Campbell Co., Pawcatuck	9.91	36.88	34.00	1.89	1.50	7.22	9.00
6790	Master Mix Sow & Pig Concentrate	Seymour Grain & Coal, Seymour	8.20	38.63	36.00	1.90	1.50	5.85	9.00
6895	Master Mix Turkey Breeder Pellets	C. W. Campbell Co., Pawcatuck	11.59	25.44	25.00	2.74	2.50	5.95	7.50
8808	Master Mix Turkey Grower	Seymour Grain & Coal, Seymour	9.67	22.25	20.00	4.11	3.50	3.49	5.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	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
Pounds per hundred (or per cent)									
Machnicki's Grain Store, Jewett City, Conn.									
7479	Machnicki's Hi-Energy All-Mash Layer.....	Machnicki's Grain, Jewett City .	10.00	18.19	15.50	3.84	3.50	3.32	4.50
The Manitoba Sugar Co. Ltd., Winnipeg, Canada									
9187	Dried Molasses-Beet Pulp.....	Community Service, Inc., Canaan	9.68	10.06	7.00	0.84	0.30	15.08	20.00
Maple Leaf Milling Co., Ltd., Toronto, Canada									
9366	Rex Wheat Bran.....	Soule Grain Co., New Milford....	10.12	15.00	14.00	4.31	3.50	10.35	12.00
Maritime Milling Co., Inc., Buffalo, N. Y.									
9476	B-B Bull Brand "16" Dairy Ration .	Stephen Salus Feed, Winsted....	10.56	19.25	16.00	5.14	4.00	8.33	10.00
9073	B-B Complete Growing Ration....	Savitt Grain Exch., Colchester...	10.61	20.25	16.00	3.99	3.00	4.89	6.50
9475	B-B Horse Feed.....	Stephen Salus Feed, Winsted....	11.33	14.25	9.00	3.39	3.00	6.20	10.00
7483	B-B Maco Breeder Mash.....	Stephen Salus Feed, Winsted....	9.85	22.00	22.00	3.68	3.50	1.22	3.00
9072	B-B Maco Complete Growing Ration	Savitt Grain Exch., Colchester...	10.69	21.06	18.00	3.28	3.00	2.03	3.00
7484	B-B Maco Complete Laying Ration	Stephen Salus Feed, Winsted....	10.89	20.50	18.00	4.00	3.00	1.35	3.00
9478	B-B Maco Egg Mash.....	Stephen Salus Feed, Winsted....	10.61	24.25	21.00	2.59	3.00	2.15	3.00
9477	B-B Scratch Feed.....	Stephen Salus Feed, Winsted....	12.14	9.50	9.00	3.39	2.50	3.65	5.00
Meadow Brook Farms, Nazareth, Pa.									
9455	Meadow Brook Farms Dehydrated Alfalfa Meal.....	Derby Feed Store, Derby.....	7.26	17.13	17.00	2.64	2.00	22.78	27.00
Meech & Stoddard, Inc., Middletown, Conn.									
9261	M & S Economy Dairy Feed ...	Meech & Stoddard, Middletown..	9.11	17.81	16.00	3.64	3.50	9.65	10.00
9264	Red Wing Calf Starter & Grower .	Meech & Stoddard, Middletown..	10.50	18.05	16.00	3.60	3.50	5.91	8.00
7580	Red Wing 15% Dairy Feed	Meech & Stoddard, Middletown..	14.15	16.69	15.00	3.74	3.80	6.12	9.00
9262	Red Wing Fitting Ration	Meech & Stoddard, Middletown..	9.86	14.75	14.00	4.09	4.00	9.24	10.00
9263	Red Wing Growing Mash.....	Meech & Stoddard, Middletown..	9.61	18.75	17.00	2.90	3.00	8.77	8.00
7091	Red Wing Horse Feed	Meech & Stoddard, Middletown..	11.79	11.13	9.00	4.02	3.50	4.55	8.00
8884	Red Wing Laying Mash	Meech & Stoddard, Middletown..	10.86	16.19	18.00	3.49	3.20	8.80	8.00
9588	Red Wing Laying Mash	Meech & Stoddard, Middletown..	9.81	17.50	18.00	3.15	3.20	7.77	8.00
8887	Red Wing Pig & Hog Feed.....	Meech & Stoddard, Middletown..	13.54	12.88	17.50	2.69	4.00	7.20	7.90
9589	Red Wing Pig & Hog Feed.....	Meech & Stoddard, Middletown..	10.96	14.19	17.50	2.71	4.00	7.14	7.90
7581	Red Wing Starting Mash	Meech & Stoddard, Middletown..	12.46	20.75	18.00	3.96	3.70	1.57	6.30
7582	Red Wing Stock Feed	Meech & Stoddard, Middletown..	12.44	10.00	10.00	1.94	2.50	11.47	11.00
9591	Special Balance Growing Mash...	Meech & Stoddard, Middletown..	9.87	18.38	18.00	3.24	3.50	6.59	6.00
9265	Special Balance High Efficiency Complete Growing Mash.....	Meech & Stoddard, Middletown..	10.49	23.13	14.00	3.26	3.50	3.79	5.00
8886	Special Balance High Efficiency Complete Laying Mash.....	Meech & Stoddard, Middletown..	10.50	18.06	16.00	3.50	3.00	7.50	5.00
9592	Special Balance High Efficiency Complete Laying Mash.....	Meech & Stoddard, Middletown..	9.82	17.63	16.00	3.53	3.00	5.00	5.00
8885	Special Balance Laying Mash.....	Meech & Stoddard, Middletown..	10.65	19.31	20.00	3.62	3.00	6.60	6.00
9590	Special Balance Needy-Pen Anti-biotic Laying Mash	Meech & Stoddard, Middletown..	10.87	17.50	20.00	2.73	3.00	5.99	6.00
7583	Special Balance Starting Mash.....	Meech & Stoddard, Middletown..	12.44	20.50	20.00	3.15	3.50	4.95	6.00
The Mennel Milling Co., Toledo, Ohio									
9594	Memo Wheat Flour Middlings with Mill Run Screenings.....	L. Broder & Co., Colchester.....	10.71	17.38	14.00	3.92	3.50	6.48	6.00
Menominee Sugar Co., Green Bay, Wis.									
7562	Dried Beet Pulp.....	Stephen Salus Feed, Winsted....	12.14	9.13	7.00	0.50	0.30	18.92	22.50
George J. Meyer Malt & Grain Corp., Buffalo, N. Y.									
8968	Malt Sprouts.....	Yantic Grain & Prod., Norwich..	10.67	30.44	25.00	1.25	1.40	10.13	14.00
Miller Alfalfa Co., Defiance, Ohio									
9454	Miller's Choice Brand Dehydrated Alfalfa Meal 17%.....	Derby Feed Store, Derby.....	8.08	17.25	17.00	2.39	1.50	25.36	27.00
Miner-Hillard Milling Co., Wilkes-Barre, Pa.									
8962	Choice Steam Cooked Hominy Feed	A. E. Hall, Wallingford	11.41	11.00	10.00	5.29	5.00	2.67	5.00
9074	M-H Dairy Feed 18%.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	9.04	21.31	18.00	4.59	3.50	7.81	9.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—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		
Minnesota Linseed Oil Co., Minneapolis, Minn.										
7460	Minnesota 36% Protein Solvent Extracted Linseed Oil Meal.....	Derby Feed Store, Derby.....	10.30	37.69	36.00	1.73	0.50	7.95	9.50	
Minute Maid Corporation, Leesburg, Fla.										
6757	Golden Isle Citrus Pulp.....	Checkerboard Feed, Willimantic..	8.79	6.13	5.50	3.87	2.75	10.60	15.00	
9451	Sunfilled Brand Citrus Pulp.....	Derby Feed Store, Derby.....	8.65	6.25	5.50	2.22	2.75	12.03	15.00	
Montmorency Distillery Ltd., Beaupre, Canada										
8969	Corn Distillers Dried Grains.....	Yantic Grain & Prod., Norwich..	7.57	32.25	27.00	7.17	5.00	10.86	14.60	
Geo. Q. Moon & Co. Inc., Binghamton, N. Y.										
7457	Moon Complete Laying Mash.....	Libner Grain Co., Norwalk.....	10.71	16.50	16.00	4.16	4.50	5.90	6.50	
9217	Moon Dairy Fitting Ration.....	Curtis & Collar, Norfolk.....	13.31	14.63	14.00	4.14	4.00	9.25	9.00	
9218	Moon 16% Dairy Ration.....	Curtis & Collar, Norfolk.....	13.38	18.75	16.00	3.37	4.00	8.34	10.00	
7495	Moon Growing Mash.....	Curtis & Collar, Norfolk.....	8.86	20.00	18.00	3.96	4.00	6.35	6.50	
7491	Moon Hog Feed.....	Curtis & Collar, Norfolk.....	9.46	15.63	15.00	4.04	3.00	5.90	7.50	
7492	Moon Horse Feed.....	Curtis & Collar, Norfolk.....	10.04	11.25	9.00	3.43	1.50	6.42	10.00	
7494	Moon Laying Mash.....	Curtis & Collar, Norfolk.....	9.25	20.25	20.00	4.84	4.00	5.42	6.50	
8856	Moon N. E. Complete Laying Mash..	Brooklawn Grain, Bridgeport....	10.46	21.25	16.00	4.11	3.00	6.05	9.00	
7440	Moon Rabbit Pellets.....	Libner Grain Co., Norwalk.....	12.05	16.44	15.00	3.44	2.50	9.60	12.00	
7493	Moon Scratch Feed.....	Curtis & Collar, Norfolk.....	12.29	10.13	10.00	2.36	2.00	2.22	5.00	
Fred C. Morse & Son, Guilford, Conn.										
9398	Old Mill Complete Pullet Grower..	Fred C. Morse & Son, Guilford..	10.86	16.50	16.00	4.29	3.00	4.26	5.00	
7111	Old Mill 16% Dairy Feed.....	Fred C. Morse & Son, Guilford..	12.09	15.75	16.00	3.24	2.50	5.25	8.00	
7112	Old Mill Fitting Feed.....	Fred C. Morse & Son, Guilford..	12.09	14.13	14.00	3.74	3.00	4.75	8.00	
7109	Old Mill Growing Mash.....	Fred C. Morse & Son, Guilford..	10.59	19.44	18.00	4.03	3.50	5.85	6.50	
9396	Old Mill Hi-Calorie Broiler Finisher	Fred C. Morse & Son, Guilford..	11.61	18.88	20.00	4.29	4.00	1.91	2.75	
9395	Old Mill Hi-Calorie Broiler Mash..	Fred C. Morse & Son, Guilford..	11.36	23.25	23.00	4.54	4.00	2.16	2.75	
Mowat, Wilson & Co., Detroit, Mich.										
7182	Dried Beet Pulp.....	United Co-op. Farmers, Moosup..	8.26	9.06	7.00	0.31	0.30	19.36	22.50	
9227	Dried Beet Pulp.....	Farmers Feed & Supply, Bristol..	10.67	8.81	7.00	0.80	0.30	19.53	22.50	
Nappanee Milling Co., Inc., Nappanee, Ind.										
9450	Hominy Feed.....	Derby Feed Store, Derby.....	10.98	10.81	10.00	7.03	6.50	3.53	6.00	
National Alfalfa Dehydrating & Milling Co., Lamar, Colo.										
9555	Jack Rabbit 17% Protein Dehy- drated Alfalfa Meal.....	Yantic Grain & Prod., Norwich..	6.01	18.75	17.00	3.11	1.50	21.42	27.00	
National Biscuit Co., Toledo, Ohio										
7503	Namico.....	Community Service, Inc., Canaan	10.31	15.44	14.00	3.92	3.50	5.52	9.00	
7496	Pure Wheat Bran.....	Community Service, Inc., Canaan	9.90	13.81	13.00	3.99	3.00	9.70	10.00	
National Distillers Products Corp., New York, N. Y.										
7077	Corn Distillers Dried Grains.....	Wolf Savitsky & Sons, Shelton..	4.64	29.00	25.00	6.03	6.00	12.02	15.00	
8807	Produlac Brand Corn Distillers Dried Grains with Solubles.....	Seymour Grain & Coal, Seymour..	8.71	27.75	25.00	8.44	6.00	6.44	9.00	
National Foods, Inc., Indianapolis, Ind.										
7090	Pulverized Feed Oats.....	Meech & Stoddard, Middletown..	9.22	11.88	11.00	2.24	2.00	14.17	15.00	
Neumond, Inc., St. Louis, Mo.										
9204	Standard's 13% Suncured Steamed Dairy Cut Alfalfa.....	C. W. Campbell, Co., Pawcatuck..	6.51	13.94	13.00	2.26	1.00	27.39	33.00	
New England Milk Producers' Ass'n., West Springfield, Mass.										
7458	Non-Fat Dried Milk Solids.....	Libner Grain Co., Norwalk.....	7.86	34.38	.....	0.59	.....	0.00	.....
New Jersey Menhaden Products Inc., Wildwood, N. J.										
9461	Hi-Seas Menhaden Fish Meal.....	Wolf Savitsky & Sons, Shelton..	7.68	62.69	60.00	9.70	6.00	0.43	2.00	
Northern Ohio Sugar Co., Denver, Colo.										
6805	GW Dried Beet Pulp.....	Naugatuck Grain, Union City....	8.34	8.63	7.00	0.44	0.30	18.57	22.50	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein N x 6.25	Guaranteed not less than	Fat Found	Guaranteed not less than	Fiber Found	Guaranteed not more than
Ogden Grain Co., Utica, N. Y.									
7046	Ogden Breeder Mash	Thomaston Supply Co., Thomaston	10.44	20.94	20.00	4.04	4.50	3.87	5.00
7188	Ogden Complete Chick Starter	Ogden Feed, Central Village	10.01	21.56	20.00	4.74	4.00	5.37	6.00
7190	Ogden 16% Dairy Feed	Ogden Feed, Central Village	9.96	18.63	16.00	3.28	3.50	6.90	9.00
9007	Ogden Developer Feed	Thomaston Supply Co., Thomaston	12.71	11.50	8.50	3.04	3.00	1.80	3.50
9479	Ogden Fitting Ration	Stephen Salus Feed, Winsted	10.36	14.94	14.00	3.30	3.00	6.54	9.00
7047	Ogden Growing Mash	Thomaston Supply Co., Thomaston	10.70	19.06	18.00	3.69	3.00	5.80	6.50
9005	Ogden Hi-Energy Laying Mash	Thomaston Supply Co., Thomaston	11.50	20.63	16.00	4.74	4.00	4.26	4.50
7481	Ogden Horse Feed	Stephen Salus Feed, Winsted	10.00	11.63	10.00	4.04	3.00	6.62	9.00
9006	Ogden Laying Mash	Thomaston Supply Co., Thomaston	11.20	17.50	20.00	3.69	3.00	7.00	6.00
7341	Ogden Rabbit Pellets	Ogden Feed, Central Village	10.42	19.50	18.00	3.34	3.00	9.05	12.00
7189	Ogden Scratch Grains	Ogden Feed, Central Village	11.66	10.81	9.00	3.64	3.00	2.65	6.00
7045	Ogden Super Hi-Energy Laying Mash	Thomaston Supply Co., Thomaston	10.79	21.63	20.00	4.50	4.50	4.70	5.00
7482	Ogden U-T-K Fitting Ration	Stephen Salus Feed, Winsted	9.63	15.81	14.00	3.66	3.00	8.57	12.00
9480	Ogden U-T-K Sweet 16%	Stephen Salus Feed, Winsted	10.74	18.75	16.00	3.40	3.00	8.92	12.00
9010	Ogden U-T-K Sweet 18%	Thomaston Supply Co., Thomaston	11.01	20.25	18.00	3.41	3.00	8.34	12.00
Ogilvie Flour Mills Co. Ltd., Montreal, Canada									
9085	Ogilvie Wheat Bran	The Spencer Co., Suffield	9.97	14.38	14.00	4.91	3.50	11.14	11.50
The Park & Pollard Co., Buffalo, N. Y.									
7388	Emergency Ration 16A	John Bennett, Putnam	10.46	17.19	16.00	4.09	3.00	5.15	9.00
9059	Green Acres 14%	P. Cutler, Inc., Colchester	10.39	15.88	14.00	3.54	3.00	9.86	11.00
6772	Hi-Prime Complete Turkey Grower	W. D. Grant Co., Willimantic	10.56	21.44	20.00	3.69	3.50	4.72	5.50
9053	Hi-Prime Turkey Fitting Ration	P. Cutler, Inc., Colchester	12.65	13.44	12.00	3.46	3.00	3.87	8.50
6770	Lay or Bust All Mash Layer	W. D. Grant Co., Willimantic	10.24	17.94	16.00	3.69	3.50	4.90	5.00
6725	Lay or Bust Egg Mash	C. L. Adams Co., Southbury	7.46	21.25	20.00	3.96	3.50	5.10	6.00
9054	Lay or Bust Fleshing Pellets	P. Cutler, Inc., Colchester	10.71	17.50	16.00	3.59	3.50	3.80	5.00
6729	Lay or Bust Growing Feed	C. L. Adams Co., Southbury	7.96	20.81	18.00	4.00	3.50	5.20	6.00
8880	Lay or Bust Hi-Power 20% Broiler Ration	Cheshire Grain, West Cheshire	12.07	21.88	20.00	3.89	3.50	2.90	4.00
9520	Lay or Bust Hi Valu Pellets	Spencer Grain Co., Waterbury	9.46	16.13	12.00	3.74	3.00	5.07	6.50
8596	Milk Maid Bulky Sweet Dairy	H. S. Coe & Co., Waterbury	10.73	14.88	12.00	3.54	2.50	8.20	14.00
6771	Milk Maid Calf Starter	W. D. Grant Co., Willimantic	10.80	18.63	19.00	4.14	3.00	5.32	8.00
6726	Milk Maid 16% Dairy Ration	C. L. Adams Co., Southbury	6.63	19.06	16.00	4.14	3.50	8.52	9.00
6745	Milk Maid 20% Dairy Ration	C. L. Adams Co., Southbury	11.17	21.63	20.00	3.99	3.50	7.45	9.00
9057	Milk Maid Dri-Fresh Ration	P. Cutler, Inc., Colchester	10.07	17.25	12.00	3.84	3.00	9.40	10.00
6746	Milk Maid Fitting Ration	C. L. Adams Co., Woodbury	10.86	16.75	14.00	3.83	3.00	8.02	9.00
9004	Milk Maid Sheep & Goat Feed	H. S. Coe & Co., Waterbury	11.41	18.00	16.00	3.13	3.00	4.75	9.00
9056	Milk Maid 14% Test Ration	P. Cutler, Inc., Colchester	11.10	18.44	14.00	4.09	4.00	7.08	9.00
6750	Milk Maid 18% Test Ration	Spencer Grain Co., Waterbury	11.12	17.94	18.00	4.44	4.00	6.37	9.00
9521	Park & Pollard Complete Chick Starter	Spencer Grain Co., Waterbury	9.10	21.75	20.00	3.59	3.00	4.18	6.00
9055	Park & Pollard Complete Grower	P. Cutler, Inc., Colchester	10.84	16.25	15.00	3.89	3.00	4.72	6.00
6769	Park & Pollard Complete Layer	W. D. Grant Co., Willimantic	9.75	18.06	15.00	3.40	3.00	5.87	6.00
6752	Park & Pollard 16% Dairy	Spencer Grain Co., Waterbury	10.85	18.94	16.00	3.48	3.00	8.30	10.00
9063	Park & Pollard Go-Tu-It Pig Grower	P. Cutler, Inc., Colchester	9.62	15.31	14.00	3.50	3.50	4.12	7.00
9058	Park & Pollard Go-Tu-It Pig Starter	P. Cutler, Inc., Colchester	9.99	17.50	16.00	3.94	3.00	3.70	6.00
7522	Park & Pollard Hi-Speed Horse Feed	P. Cutler, Inc., Colchester	11.56	13.88	12.00	3.51	3.00	6.72	9.00
7523	Park & Pollard Laying Mash	P. Cutler, Inc., Colchester	9.67	20.88	20.00	3.73	3.00	6.12	7.00
6751	Park & Pollard Rabbit Pellets	Spencer Grain Co., Waterbury	9.30	19.88	17.00	3.46	3.00	10.05	12.00
9502	Park & Pollard Stock Feed	W. D. Grant Co., Willimantic	11.36	14.94	10.00	2.85	2.00	6.65	12.00
9482	Red Ribbon 16% Dairy Ration	Geo. W. Case Inc., New Hartford	10.63	18.75	16.00	3.61	3.00	8.26	11.00
Parrish & Heimbecker Ltd., Toronto, Canada									
9583	Parrheim Brewers Dried Grains	C. A. Cowles, Inc., Plantsville	6.01	25.88	24.00	6.70	7.00	13.64	18.00
9458	Parrheim Pure Wheat Bran	Welf Savitsky & Sons, Shelton	10.56	14.25	14.00	3.57	3.50	7.76	11.50
Pasco Packing Co., Dade City, Fla.									
9076	Sugar Sweet Citrus Pulp	Bloomfield Farmers' Exch., Inc., Bloomfield	8.52	6.00	6.00	4.54	3.00	9.98	13.50

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Penick & Ford Ltd., Inc., Cedar Rapids, Iowa									
9341	21% Protein Douglas Corn Gluten Feed	Libner Grain Co., Norwalk	9.56	23.63	21.00	1.34	1.00	7.66	10.00
Pierce Feed Co., Inc., Brooklyn, Conn.									
7438	Pierce Complete Breeder	Pierce Feed Co., Inc., Brooklyn	12.64	18.75	17.00	4.88	3.50	4.35	5.00
9494	Pierce Complete Gro-N-Lay	Pierce Feed Co., Inc., Brooklyn	11.56	18.75	17.00	4.14	3.00	5.25	6.00
7437	Pierce Special Breeder	Pierce Feed Co., Inc., Brooklyn	12.07	21.69	20.00	3.86	3.00	5.40	6.00
7436	Pierce Special Gro-N-Lay	Pierce Feed Co., Inc., Brooklyn	12.56	22.06	20.00	3.99	3.00	5.25	6.50
Pillsbury Mills, Inc., Minneapolis, Minn.									
9214	Pillsbury's XX Daisy	Community Service, Canaan	11.65	18.75	16.00	4.11	4.00	2.84	4.00
9179	Pillsbury's Hard Wheat Bran with Ground Wheat Screenings	R. W. Sandmeyer, Cornwall Bridge	10.63	16.25	14.00	4.41	4.00	10.20	12.00
9158	Pillsbury's Wheat Germ Meal	A. S. Labieniec, Kensington	11.15	26.75	25.00	9.54	9.00	3.46	4.00
9522	Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings	Watertown Co-op. Ass'n., Inc., Watertown	11.26	18.00	15.00	4.63	4.00	8.07	9.50
Pillsbury of Canada Ltd., Midland, Canada									
8881	Dandy Wheat Bran	Meech & Stoddard, Middletown	12.31	15.13	14.00	3.89	3.50	9.21	11.50
8835	Dandy Wheat Shorts	Wolf Savitsky & Sons, Shelton	11.59	17.88	15.00	4.59	4.50	5.31	8.00
R. C. Pratt & Co. Ltd., Toronto, Canada									
7086	Ruler Brand Pure Wheat Shorts	Meech & Stoddard, Middletown	10.86	14.69	15.00	5.18	3.50	5.25	10.50
The Quaker Oats Co., Chicago, Ill.									
8814	Bell Cow Wheat Bran	Derby Feed Store, Derby	10.11	17.63	15.00	4.65	3.50	9.26	11.50
9515	Bell Cow Wheat Shorts	Central Conn. Co-op. Farmers' Ass'n., Manchester	10.66	18.63	15.00	5.70	4.00	8.19	8.00
5088 Ful-O-Pep Derwood Horse Crunch									
7535	Ful-O-Pep Egg-Breeder Mash	Belmont Feed Co., Cos-Cob	10.69	16.69	15.00	2.59	4.00	8.67	10.00
9250	Ful-O-Pep Fine Chick Grains	Riotte Grain, East Wallingford	9.69	19.56	20.00	4.78	4.00	6.25	8.00
6885	Ful-O-Pep Fitting Feed	Riotte Grain, East Wallingford	11.09	10.88	9.00	2.09	2.00	1.82	3.50
9251	Ful-O-Pep Fitting Feed	Little & McKinney, Manchester	13.86	15.81	14.00	3.21	3.00	7.20	10.00
9254	Ful-O-Pep Growing Mash	Riotte Grain, East Wallingford	10.24	14.75	14.00	2.90	3.00	8.17	9.00
7540	Ful-O-Pep High Sweet Blend	Riotte Grain, East Wallingford	9.88	20.00	19.00	3.35	3.50	5.83	8.00
9155	Ful-O-Pep Laying Mash	Riotte Grain, East Wallingford	10.00	4.31	4.00	0.50	0.50	18.60	20.00
9252	Ful-O-Pep Laying Ration	Hartford Pet & Poultry, Hartford	11.55	23.50	23.00	3.94	4.00	4.48	5.00
7537	Ful-O-Pep Milking Feed	Riotte Grain, East Wallingford	9.51	16.69	16.00	4.66	4.00	4.39	5.00
9255	Ful-O-Pep Milking Feed	Riotte Grain, East Wallingford	11.06	17.19	16.00	2.64	2.50	6.63	11.00
9253	Ful-O-Pep Pig-N-Sow Ration	Riotte Grain, East Wallingford	11.15	16.50	16.00	2.65	2.50	7.73	8.50
7539	Ful-O-Pep Pig Starter	Riotte Grain, East Wallingford	9.56	17.31	16.00	3.94	3.50	5.57	6.00
9249	Ful-O-Pep Sow Supplement	Riotte Grain, East Wallingford	10.54	18.94	18.00	4.08	3.00	4.62	5.00
9154	Ful-O-Pep Super Greens Pellets	Hartford Pet & Poultry, Hartford	8.11	35.31	35.00	2.24	2.50	9.57	10.00
7536	Ful-O-Pep Sweet 16 Dairy Feed	Riotte Grain, East Wallingford	11.13	19.00	19.00	4.29	4.00	5.28	8.00
9248	Ful-O-Pep 20% Turkey Grower Ration	Riotte Grain, East Wallingford	10.26	17.94	16.00	2.48	2.50	10.82	12.00
7534	Ful-O-Pep Turkey Starter	Riotte Grain, East Wallingford	9.71	20.19	20.00	3.10	2.50	4.64	5.00
7533	Quaker Sugared Schumacher Feed	Riotte Grain, East Wallingford	11.01	26.75	26.00	3.09	3.00	5.92	6.50
7538	Screened Cracked Corn	Riotte Grain, East Wallingford	10.64	13.00	12.00	2.42	2.50	12.00	12.00
7011	Vim Oat Meal By-Product	Yantic Grain & Prod., Norwich	13.19	9.13	8.00	4.01	3.50	1.70	2.50
			6.64	3.19	2.50	1.14	1.00	28.10	32.00
Ralston Purina Co., St. Louis, Mo.									
7439	Emergency Mixed Feed A (E)	Checkerboard Feed, Willimantic	13.15	19.31	16.00	1.80	2.00	5.17	8.00
7362	Northeastern Scratch Feed	Checkerboard Dist. Warehouse, Torrington	12.66	10.56	9.00	1.93	2.00	2.82	5.00
9281	41% Protein Solvent Extracted Cottonseed Meal	Clapboard Hill Feed, New Canaan	9.41	42.63	41.00	2.14	1.00	11.11	14.00
9381	41% Protein Solvent Extracted Cottonseed Meal	Checkerboard Feed, New Milford	10.85	42.75	41.00	1.99	1.00	9.51	14.00
7527	Purina B & M Cow Chow	Melzen Grain Co., Glastonbury	10.91	16.25	16.00	3.24	3.50	5.47	10.00
9373	Purina Breeder Lay Chow E	Checkerboard Feed, New Milford	10.49	23.00	23.00	5.57	4.00	4.52	5.00
7470	Purina Breeder Layena (Complete Ration) E	Checkerboard Feed, Norwich	9.25	18.19	16.00	5.74	3.50	3.62	4.50
9028	Purina Broiler Chow Finisher E	Deep River Farm Sup., Deep River	11.42	22.19	20.00	6.28	4.50	2.25	3.00
7361	Purina Bulky Las	Checkerboard Dist. Warehouse, Torrington	9.42	11.13	10.00	1.84	1.50	11.07	15.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
Ralston Purina Co., St. Louis, Mo.—Cont.									
6754	Purina Calf Startena E.....	Checkerboard Feed, Willimantic..	10.89	20.50	19.50	3.34	2.50	6.22	8.50
7473	Purina Chick Chow (Coarse).....	Checkerboard Feed, Norwich....	11.39	10.13	9.00	4.09	2.00	1.52	4.00
6755	Purina Chick Chow (Fine).....	Checkerboard Feed, Willimantic..	13.16	11.00	10.00	3.19	2.00	1.20	4.00
6707	Purina Chick Growena E.....	A. Hodos & Sons, Ansonia.....	10.55	19.50	17.00	5.06	3.00	4.82	7.00
9181	Purina Complete Sow & Pig Chow E	R. W. Sandmeyer, Cornwall Bridge.....	9.74	17.63	16.00	2.83	2.50	5.30	6.00
9283	Purina Cow Chow 14%.....	Clapboard Hill Feed, New Canaan	11.04	15.38	14.00	2.64	3.00	5.26	10.00
7471	Purina Cow Chow 18%.....	Checkerboard Feed, Norwich....	10.31	19.25	18.00	2.64	3.00	5.05	10.00
9022	Purina Cow Chow 16% (Coarse)...	New London Grain, New London	12.97	16.69	16.00	2.54	2.50	5.80	10.00
9376	Purina Cow Chow Concentrate.....	Checkerboard Feed, New Milford.	9.71	33.13	32.00	2.98	1.50	5.90	10.00
6705	Purina Cow Chow E 16%.....	A. Hodos & Sons, Ansonia.....	10.99	16.81	16.00	2.89	3.00	5.70	10.00
9285	Purina Cow Chow E 16%.....	Clapboard Hill Feed, New Canaan	9.82	19.06	16.00	2.93	3.00	5.83	10.00
9368	Purina Cow Chow Supplement.....	Checkerboard Feed, New Milford	10.91	25.19	24.00	3.15	2.50	5.39	11.00
6747	Purina D & F Chow.....	Franco-American Coal, Oakville.	11.12	15.31	12.50	2.76	2.50	7.13	11.00
7428	Purina 14% Dairy Chow.....	Checkerboard Dist. Warehouse, Danielson.....	11.86	15.81	14.00	2.95	2.50	7.57	13.00
9282	Purina Duck Growena E.....	Clapboard Hill Feed, New Canaan	9.93	19.94	18.00	3.74	3.00	4.02	7.00
9027	Purina Egg Chow E.....	Deep River Farm Sup., Deep River.....	11.08	22.19	20.00	3.74	3.00	5.88	7.00
9380	Purina Eggena E.....	Checkerboard Feed, New Milford	11.01	17.19	16.00	4.84	3.00	5.35	7.00
9375	Purina Fox Chow.....	Checkerboard Feed, New Milford	9.89	25.50	20.00	4.67	3.00	5.00	6.00
7525	Purina Game Bird Breeder Layena (Complete Ration).....	Melzen Grain Co., Glastonbury..	10.84	18.75	16.50	4.29	3.00	4.30	8.00
8988	Purina Game Bird Growena E.....	Checkerboard Feed, Norwich....	10.33	22.06	20.00	3.51	3.00	4.53	7.00
5284	Purina Game Bird Startena.....	Clapboard Hill Feed, New Canaan	9.61	30.88	28.00	3.50	3.00	4.67	7.00
6753	Purina Goat Chow E.....	Checkerboard Feed, Willimantic..	11.56	17.88	16.00	3.60	3.00	5.67	10.00
9180	Purina Hog Fatena E.....	R. W. Sandmeyer, Cornwall Bridge.....	11.42	14.88	14.00	3.86	2.50	4.58	7.00
9279	Purina Lay Chow E.....	Clapboard Hill Feed, New Canaan	8.96	24.69	23.00	5.14	3.50	4.86	5.00
6706	Purina Layena (Complete Ration) E	A. Hodos & Sons, Ansonia.....	10.26	17.69	16.50	5.33	3.50	3.17	4.50
7360	Purina Milk Chow E 16%.....	Checkerboard Dist. Warehouse, Torrington.....	9.85	16.94	16.00	3.09	3.00	5.90	10.00
8989	Purina Mink Chow.....	Checkerboard Feed, Norwich....	10.38	23.75	20.00	4.59	2.00	3.26	5.00
7475	Purina Nursing Chow.....	Checkerboard Feed, Norwich....	6.21	27.50	25.00	2.29	2.50	0.42	1.50
6717	Purina Omolene.....	East Haven Hay & Grain, East Haven.....	9.65	11.88	10.00	4.07	3.00	7.12	11.00
9280	Purina Pigeon Chow Checkers E...	Clapboard Hill Feed, New Canaan	9.56	16.19	15.00	3.84	2.50	2.88	4.00
9379	Purina Pig Startena E.....	Checkerboard Feed, New Milford	9.53	20.31	18.00	5.04	4.00	4.37	6.00
7430	Purina Poultry Booster Chow E...	Checkerboard Dist. Warehouse Danielson.....	11.31	25.00	24.00	4.04	2.50	5.35	4.00
6758	Purina Pullet Developer E.....	Checkerboard Feed, Willimantic..	10.88	14.81	13.00	4.19	2.50	6.02	8.00
6749	Purina Rabbit Chow Checkers 20%	Franco-American Coal, Oakville.	14.02	21.88	20.00	2.41	2.00	12.55	16.00
7474	Purina Rabbit Chow Checkers (Complete Ration) E.....	Checkerboard Feed, Norwich....	8.36	16.81	15.00	2.73	2.00	12.80	18.00
9377	Purina Range Checkers.....	Checkerboard Feed, New Milford	8.58	21.31	20.00	2.99	2.00	7.03	10.00
9378	Purina Roaster Chow E.....	Checkerboard Feed, New Milford	9.98	18.75	17.00	5.32	4.00	4.55	6.50
6748	Purina Special Steer Fatena.....	Franco-American Coal, Oakville.	10.31	33.88	32.00	2.84	2.00	7.65	12.00
7429	Purina Super Layena (Complete Ration) E.....	Checkerboard Dist. Warehouse, Danielson.....	10.70	18.31	17.00	7.83	7.00	3.00	4.50
9483	Purina Turkey Breeder Developer E	Checkerboard Dist. Warehouse, Torrington.....	9.31	14.94	14.00	3.45	3.00	6.31	8.50
9374	Purina Turkey Fatena E.....	Checkerboard Feed, New Milford	10.54	16.50	15.50	5.14	3.50	5.40	8.00
8987	Purina Turkey Growena E.....	Checkerboard Feed, Norwich....	15.00	21.13	20.00	4.64	3.50	5.12	7.00
7359	Purina Turkey Startena E.....	Checkerboard Dist. Warehouse, Torrington.....	9.04	29.13	28.00	5.18	2.50	5.17	6.00
Reading Milling Co., Inc., Reading Pa.									
9452	Customer's Turkey Grower (Pellets)	Derby Feed Store, Derby.....	9.91	21.38	21.00	2.68	2.50	8.45	6.00
8830	Faramel Rabbit Food Pellets.....	Derby Feed Store, Derby.....	9.74	15.81	13.00	3.38	3.00	13.06	15.00
Reliable Grain & Fuel Co., Ansonia, Conn.									
6794	Reliable 16% Dairy Feed.....	Seymour Grain & Coal, Seymour.	10.51	17.44	16.00	3.12	3.50	6.60	9.00
H. M. Rubin Co., Inc., Long Island City, N. Y.									
7153	55% Rubco Meat Bone Meal.....	Fred C. Morse & Sons, Guilford..	7.70	54.69	55.00	3.88	2.00	2.35	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Founds per hundred (or per cent)									
Russell-Miller Milling Co., Minneapolis, Minn.									
7543	Occident Wheat Bran.....	A. E. Hall, Wallingford.....	11.00	18.06	14.50	4.19	4.00	9.55	11.00
9003	Occident Wheat Bran.....	H. S. Coe & Co., Waterbury.....	11.16	17.38	14.50	4.26	4.00	10.11	11.00
6768	Occident Wheat Standard Middlings	W. D. Grant Co., Willimantic....	10.21	16.63	15.00	5.18	4.00	8.42	9.50
9008	Wheat Red Dog.....	Thomaston Supply Co., Thomaston.....	12.36	19.56	16.50	4.89	3.50	3.30	4.00
Wolf Savitsky & Sons, Inc., Shelton, Conn.									
7054	Wolf's Calf Ration.....	Wolf Savitsky & Sons, Shelton...	10.80	21.88	18.00	2.59	3.00	6.42	8.50
7052	Wolf's Complete Hi-Eff Egg Breeder Mash.....	Wolf Savitsky & Sons, Shelton...	11.07	18.50	15.50	3.75	3.00	3.05	4.50
9033	Wolf's Complete Hi-Eff Egg Breeder Mash.....	Newtown Farm Supply, Newtown	11.29	16.75	15.50	4.51	3.00	2.96	4.50
8834	Wolf's Complete Hi-Eff Growing Mash.....	Wolf Savitsky & Sons, Shelton...	11.24	17.38	15.50	3.14	3.00	2.92	4.50
7056	Wolf's Egg Mash.....	Wolf Savitsky & Sons, Shelton...	10.80	21.63	20.00	3.97	3.00	3.32	5.00
8801	Wolf's Horse Feed.....	Newtown Farm Supply, Newtown	11.77	13.75	10.00	3.61	3.00	6.80	12.00
7076	Wolf's Performo-Las.....	Wolf Savitsky & Sons, Shelton...	10.92	10.44	10.00	2.69	2.00	10.42	16.00
8833	Wolf's Sweetened 14% Dairy Ration	Wolf Savitsky & Sons, Shelton...	10.91	15.81	14.00	3.79	3.00	6.69	9.00
9032	Wolf's Sweetened 16% Dairy Ration	Newtown Farm Supply, Newtown	11.55	18.75	16.00	3.30	3.00	6.70	10.00
7053	Wolf's Sweetened 18% Dairy Ration	Wolf Savitsky & Sons, Shelton...	10.58	20.50	18.00	3.89	3.00	7.10	9.00
9457	Wolf's Sweetened 20% Dairy Ration	Wolf Savitsky & Sons, Shelton...	4.80	21.75	20.00	3.64	3.00	6.89	9.00
Schenley Distillers, Inc., New York, N. Y.									
9456	Schenley Mark of Merit Corn Distillers Dried Grains.....	Wolf Savitsky & Sons, Shelton...	8.04	26.50	24.00	8.04	5.00	9.06	13.00
9459	Schenley Soludri Corn Distillers Dried Solubles.....	Wolf Savitsky & Sons, Shelton...	8.51	27.50	22.00	11.15	3.00	2.42	4.00
Schoeneck Farms, Inc., Nazareth, Pa.									
7108	Schoeneck Super-Green Dehydrated Alfalfa Meal.....	University of Conn., Storrs.....	7.81	21.06	17.00	2.86	2.00	22.15	27.00
Sea Board Supply Co., Philadelphia, Pa.									
9524	Crab Meal.....	Watertown Co-op. Ass'n. Inc., Watertown.....	8.22	26.38	31.00	1.01	1.00	10.46	14.00
9326	Dried Tomato Pomace.....	C. W. Campbell Co., Pawcatuck...	6.51	20.44	20.00	12.15	10.50	25.94	31.00
Seymour Grain & Coal Co., Seymour, Conn.									
6792	Miracle All-Mash Layer.....	Seymour Grain & Coal, Seymour.	10.01	15.50	15.00	4.24	3.00	5.77	6.50
8806	Miracle Dairy.....	Seymour Grain & Coal, Seymour.	10.66	18.94	16.00	3.34	3.00	6.06	9.00
6786	Miracle Fitting Ration.....	Seymour Grain & Coal, Seymour.	9.61	12.88	14.00	3.36	3.00	7.45	8.00
9532	Miracle 20% Grower.....	Seymour Grain & Coal, Seymour.	9.80	21.88	20.00	3.75	3.00	6.06	6.50
6784	Miracle Laying Mash.....	Seymour Grain & Coal, Seymour.	9.76	20.81	20.00	3.96	2.50	5.62	6.50
9533	Miracle Laying Mash.....	Seymour Grain & Coal, Seymour.	9.95	20.13	20.00	3.60	3.00	5.15	6.50
9529	Miracle Scratch Feed.....	Seymour Grain & Coal, Seymour.	12.38	10.88	10.00	3.04	2.50	2.45	6.00
9531	New England Mash.....	Seymour Grain & Coal, Seymour.	9.67	21.56	18.00	3.60	3.00	7.11	8.00
6782	See-More Milk Dairy Ration 18%	Seymour Grain & Coal, Seymour.	9.42	17.06	18.00	3.06	3.00	7.30	9.50
6791	See-More Milk Dairy Ration 20%	Seymour Grain & Coal, Seymour.	9.97	18.75	20.00	3.02	3.00	7.37	9.50
The Sherwin-Williams Co., Cleveland, Ohio									
9034	Sherwin-Williams 34% Linseed Oil Meal.....	Wolf Savitsky & Sons, Shelton...	12.39	33.81	34.00	4.69	3.50	8.69	10.00
Sherwood Feed Mills, Inc., Baltimore, Md.									
9184	Brewer's Dried Grains.....	Community Service, Inc., Canaan	9.39	25.38	26.00	5.79	6.00	11.50	15.00
Shirriff-Horsey Corp. Ltd., Plant City, Fla.									
7012	J. William Horsey Brand Dried Citrus Pulp.....	Yantic Grain & Prod., Norwich...	8.50	7.19	6.00	7.71	3.00	12.37	15.00
Allen V. Smith Inc., Marcellus Falls, N. Y.									
7462	Smith's Barley Feed.....	Derby Feed Store, Derby.....	10.56	15.25	13.00	4.34	2.00	9.67	15.00
B. T. Smith Concentrates, Inc., Lakeland, Fla.									
7030	B. T. Smith Brand Dried Citrus Pulp	C. A. Cowles, Inc., Plantsville....	8.17	6.13	5.00	3.29	3.00	9.62	16.00
The Smith Meal Co. Inc., Amagansett, N. Y.									
9462	Smith's Life Line Fish Meal.....	Wolf Savitsky & Sons, Shelton...	7.85	66.25	55.00	7.01	5.00	0.36	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moisture	Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Pounds per hundred (or per cent)									
Southern Fruit Distributors Inc., Orlando, Fla.									
8972	Bluebird Citrus Pulp	The A. E. Shedd Co., Norwich	10.11	6.38	6.00	2.41	3.50	13.64	17.00
South Windsor Grain Co., South Windsor, Conn.									
9150A	Valley Laying Mash	So. Windsor Grain, So. Windsor	9.40	21.00	20.00	3.94	4.00	6.74	8.50
A. E. Staley Manufacturing Co., Decatur, Ill.									
6261	Staley's 21% Corn Gluten Feed	Riotte Grain, East Wallingford	8.66	23.13	21.00	3.21	1.50	6.35	8.00
8859	Staley's 21% Corn Gluten Feed	Brooklawn Grain, Bridgeport	11.31	23.00	21.00	4.64	1.50	6.40	8.00
6812	Staley's 44% Protein Solvent Ext. Soybean Oil Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	9.46	47.63	44.00	1.16	0.50	5.80	7.00
D. A. Stickell & Sons, Inc., Hagerstown, Md.									
7517	Su-Pur Rabbit Pellets	P. Cutler, Inc., Colchester	11.16	18.44	17.00	4.08	3.00	6.67	10.00
Suni-Citrus Products Co., Haines City, Fla.									
9246	Sweet Suni-Citrus Pulp	Eastern States Farmers' Exch., Inc., North Haven	8.22	6.50	6.00	5.39	3.50	13.63	15.00
Sunny Slope Farms, Inc., Nazareth, Pa.									
7154	Sunny Slope Farms Brand Dehydrated Alfalfa Meal	Fred C. Morse & Son, Guilford	7.20	18.75	17.00	2.54	2.00	23.00	27.00
Swift & Co., Fostoria, Ohio									
9186	Swift's 44% Protein Solvent Ext. Soybean Oil Meal	Community Service, Inc., Canaan	10.46	47.63	44.00	1.46	0.50	5.72	7.00
The Thomaston Supply Co., Inc., Thomaston, Conn.									
9009	Thomaston 18% Dairy Ration	Thomaston Supply Co., Thomaston	11.51	20.06	18.00	3.00	4.00	6.36	9.00
Topnotch Flour Mills, Seaforth, Canada									
7155	Topnotch Wheat Bran	Fred C. Morse & Son, Guilford	12.06	16.06	15.00	4.39	3.50	9.27	11.50
7152	Topnotch Wheat Shorts	Fred C. Morse & Son, Guilford	12.20	16.19	14.00	3.79	3.50	5.52	8.00
Trexler Springwood Farms Division, Allentown, Pa.									
9298	17% Buffalo Brand Dehydrated Alfalfa Meal	C. W. Campbell Co., Pawcatuck	5.50	18.50	17.00	2.24	2.00	26.02	27.00
Ultra-Life Laboratories, Inc., East St. Louis, Ill.									
9544	Ultra-Life Beef-Gro	Seymour Grain & Coal, Seymour	8.80	29.94	24.00	5.07	3.50	5.71	7.00
8804	Ultra-Life Calf Food Pellets	Seymour Grain & Coal, Seymour	10.58	23.88	21.00	3.00	2.50	4.97	7.00
8803	Ultra-Life High Energy Poultry	Seymour Grain & Coal, Seymour	9.89	21.88	17.00	5.71	4.50	3.69	4.00
8805	Ultra-Life Livestock	Seymour Grain & Coal, Seymour	7.71	27.13	23.00	1.99	1.50	2.91	4.50
9545	Ultra-Life New Turkey-Gro	Seymour Grain & Coal, Seymour	10.96	27.19	24.00	4.48	3.50	4.05	6.00
9546	Ultra-Life Pig-Gro	Seymour Grain & Coal, Seymour	8.71	21.88	19.00	5.29	4.00	4.40	6.00
United Co-operative Farmers, Inc., Fitchburg, Mass.									
7434	UCF All Mash Grower & Layer	United Co-op. Farmers, Danielson	13.41	15.44	15.00	5.19	4.00	2.95	5.00
7186	UCF Broiler Mash	United Co-op. Farmers, Moosup	9.86	21.13	20.00	5.70	4.00	3.32	4.00
9445	UCF Calf Meal	United Co-op. Farmers, Danielson	7.57	30.75	25.00	7.30	1.00	1.04	2.00
9356	UCF Calf Starter	United Co-op. Farmers, Moosup	11.63	20.13	20.00	3.38	3.00	5.11	6.00
7185	UCF 16% Dairy	United Co-op. Farmers, Moosup	9.77	17.94	16.00	4.28	3.50	7.07	9.00
7435	UCF Fitting Ration	United Co-op. Farmers, Danielson	12.14	14.88	14.00	3.56	3.50	6.82	9.00
7181	UCF Grower	United Co-op. Farmers, Moosup	9.86	20.94	20.00	4.89	4.00	4.45	5.00
9441	UCF Hi NRG All Mash	United Co-op. Farmers, Danielson	10.66	16.00	15.50	5.54	4.50	3.51	5.00
9355	UCF Hi NRG All Mash Grower & Layer	United Co-op. Farmers, Moosup	11.14	15.50	15.50	5.57	4.00	3.57	5.00
9358	UCF Hi NRG Poultry Finishing Ration	United Co-op. Farmers, Moosup	10.23	20.88	20.00	5.39	5.00	3.20	4.00
9446	UCF Horse Feed	United Co-op. Farmers, Danielson	10.46	11.38	9.00	4.11	3.00	5.23	9.00
7184	UCF Layer	United Co-op. Farmers, Moosup	9.73	21.25	20.00	5.96	4.50	3.47	5.00
7432	UCF Milkmaker	United Co-op. Farmers, Danielson	11.86	18.94	18.00	3.68	3.50	6.84	9.00
9442	UCF Pig & Hog Feed	United Co-op. Farmers, Danielson	10.91	21.69	20.00	3.89	3.00	6.20	7.00
7187	UCF Poultry Fattening Ration	United Co-op. Farmers, Moosup	9.61	16.19	15.00	4.14	3.50	4.10	6.00
9444	UCF Poultry Fitting Ration	United Co-op. Farmers, Danielson	11.91	17.50	12.00	3.00	2.50	6.02	7.00
9354	UCF Super Broiler Mash	United Co-op. Farmers, Moosup	10.21	23.81	22.00	5.64	5.00	2.60	3.50
7431	UCF Super Starter	United Co-op. Farmers, Danielson	11.66	21.38	20.00	5.94	4.00	3.20	4.00
9443	UCF Turkey Grower & Fattener	United Co-op. Farmers, Danielson	10.11	20.81	20.00	4.85	3.00	3.78	6.00

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moisture	Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
Pounds per hundred (or per cent)									
Unity Feeds Inc., Boston, Mass.									
7532	Paycheck 18% Dairy Ration.....	Fairfield Grain, Fairfield.....	11.26	21.63	18.00	3.54	3.50	8.00	11.00
9406	Unity Bulky Mix Ration.....	Putnam Farmers' Co-op., Putnam	11.74	11.25	11.00	2.19	2.00	9.28	18.00
9405	Unity Calving Ration.....	Putnam Farmers' Co-op., Putnam	11.84	12.75	12.00	2.60	2.00	7.17	12.00
9018	Unity Complete Rabbit Pellets....	C. W. Campbell Co., Groton.....	10.41	20.50	16.00	5.64	3.00	8.07	20.00
9148	Unity Dairy & Fitting Ration.....	Hansen's Store, West Willington.	11.12	15.63	14.00	3.30	3.50	6.93	9.00
9147	Unity 16% Dairy Ration.....	Hansen's Store, West Willington.	10.71	17.44	16.00	3.24	3.50	7.24	9.00
9149	Unity 20% Dairy Ration.....	Hansen's Store, West Willington.	10.08	20.06	20.00	3.36	3.50	6.61	9.00
7531	Unity Growing & Laying Mash....	Fairfield Grain, Fairfield.....	9.71	22.06	20.00	3.39	3.00	5.97	6.00
9434	Unity High Energy Breeder Mash...	Putnam Farmers' Co-op., Putnam	10.66	18.25	16.00	4.13	3.00	3.60	4.00
7382	Unity High Energy Growing & Laying Mash.....	Putnam Farmers' Co-op., Putnam	10.74	16.50	15.00	4.21	4.00	3.50	4.00
7530	Unity Horse Feed.....	Fairfield Grain, Fairfield.....	11.46	12.06	10.00	3.73	3.00	7.83	9.00
6893	Unity Improved Calf Ration.....	C. W. Campbell Co., Pawcatuck...	14.91	22.69	20.00	3.10	3.50	5.05	6.00
7379	Unity Pig & Hog Ration.....	Putnam Farmers' Co-op., Putnam	10.59	18.06	17.00	3.93	3.00	4.67	6.00
7383	Unity Scratch Feed.....	Putnam Farmers' Co-op., Putnam	11.85	10.69	9.00	3.44	2.50	3.32	5.00
8841	Unity Turkey & Game Bird Growing Mash.....	Wolf Savitsky & Sons, Shelton...	10.91	21.00	20.00	3.19	3.00	3.69	5.00
Universal Grain Co. of New Jersey, Newark, N. J.									
8840	Superior Cow Brand Dried Brewers Grains.....	Wolf Savitsky & Sons, Shelton...	7.25	26.19	26.00	5.42	6.00	11.96	17.00
The Watertown Co-operative Ass'n., Inc., Watertown, Conn.									
9523	Watertown Co-op. 16% Dairy Feed	Watertown Co-op. Ass'n., Inc., Watertown.....	10.56	18.75	16.00	4.52	4.00	7.11	9.00
H. K. Webster Co., Lawrence, Mass.									
7499	Blue Seal 16 "A" Dairy Ration....	Community Service, Inc., Canaan	10.41	17.38	16.00	3.30	3.00	6.72	9.00
7514	Blue Seal All-Mash Breeder's Ration	Einhorn's Grain, Colchester.....	12.01	17.50	16.00	4.58	3.50	2.92	4.00
Analyses									
7489	Blue Seal All-Mash Egg Ration....	Stephen Salus Feed, Winsted....	10.12	17.94	16.00	3.38	3.00	2.77	4.00
7602	Blue Seal All-Mash Egg Ration....	Einhorn's Grain, Colchester.....	14.06	16.56	16.00	3.34	3.00	3.42	4.00
9156	Blue Seal All-Mash Growing Ration	Hartford Pet & Poultry, Hartford	11.29	16.94	16.00	3.29	3.00	3.26	4.00
7497	Blue Seal Calf Starter.....	Community Service, Inc., Canaan	8.49	20.81	19.00	3.86	3.50	6.12	7.50
7478	Blue Seal Coarse "16" Dairy Ration	Jewett City Farmers' Co-op., Jewett City.....	11.36	17.06	16.00	3.86	3.50	8.12	9.00
7476	Blue Seal Coarse "20" Dairy Ration	Jewett City Farmers' Co-op., Jewett City.....	8.60	20.50	20.00	3.74	3.50	7.62	9.00
9094	Blue Seal Economizer "16" Dairy Ration.....	Reliable Grain & Feed, Meriden...	10.14	17.50	16.00	2.50	2.50	12.54	15.00
9157	Blue Seal Egg Mash.....	Hartford Pet & Poultry, Hartford	10.52	21.50	20.00	4.06	3.50	5.51	7.00
7513	Blue Seal Fat & Finish Ration.....	Einhorn's Grain, Colchester.....	10.62	19.56	18.00	4.59	4.00	3.20	4.00
7601	Blue Seal Fat & Finish Ration.....	Einhorn's Grain, Colchester.....	13.59	19.13	18.00	4.11	4.00	3.35	4.00
9044	Blue Seal Fine "16" Dairy Ration...	Barnum Feed Store, Danbury....	9.93	18.75	16.00	3.96	3.50	7.29	9.00
7488	Blue Seal Fine "20" Dairy Ration...	Stephen Salus Feed, Winsted....	8.79	21.88	20.00	3.84	3.50	7.27	9.00
7000	Blue Seal Fitting Ration.....	James Baker, Old Mystic.....	11.67	15.81	14.00	3.79	3.50	7.55	9.00
9294	Blue Seal Goat Feed.....	Roodner Feed Co., South Norwalk	10.26	18.56	16.00	3.74	3.50	7.50	9.00
9293	Blue Seal Growing Mash.....	Roodner Feed Co., South Norwalk	10.71	20.44	18.00	3.72	3.50	4.95	6.50
9183	Blue Seal Horse Feed.....	Community Service, Lakeville....	11.75	12.50	10.00	3.92	3.00	5.57	9.00
9362	Blue Seal Pig Feed.....	L. B. Whitford, Oneco.....	10.88	17.00	15.00	5.04	4.00	4.28	6.00
9493	Blue Seal Poultry & Turkey Fitting.	Pierce Feed Co., Brooklyn.....	11.56	13.10	12.00	2.68	2.50	4.61	6.00
9363	Blue Seal Rabbit Pellets.....	L. B. Whitford, Oneco.....	10.21	21.50	20.00	3.50	3.00	9.00	12.00
6999	Blue Seal Standard "16" Dairy Ration.....	James Baker, Old Mystic.....	11.61	17.13	16.00	3.38	3.00	7.10	9.00
9481	Blue Seal Standard 20 Dairy Ration	Stephen Salus Feed, Winsted....	9.99	22.06	20.00	4.30	3.50	7.35	9.00
9093	Blue Seal Super Breeder's Mash....	Reliable Grain & Feed, Meriden...	11.04	20.00	20.00	4.18	4.00	3.51	4.00
9185	Blue Seal Test Ration.....	Community Service, Inc., Canaan	10.65	20.00	18.00	4.00	3.50	7.31	9.00
9045	Blue Seal Turkey Growing.....	Barnum Feed Store, Danbury....	9.66	21.88	20.00	4.34	4.00	3.63	4.50
9096	Blue Seal Turkey Growing.....	Reliable Grain & Feed, Meriden...	10.44	22.50	20.00	4.49	4.00	4.11	4.50
West-Nesbitt Inc., Oneonta, N. Y.									
9219	All Pure Milk Ration.....	L. Perillo Coal, Southington....	10.78	22.06	20.00	3.95	3.50	6.52	10.00
9221	Cream Line 16% Dairy Ration.....	Farmers Feed & Supply, Bristol...	11.36	17.63	16.00	3.18	3.50	7.12	10.00
7042	Cream Line Dairy Test Ration.....	Farmers Feed & Supply, Bristol...	11.06	18.88	18.00	3.63	3.50	7.15	8.50
9226	Pure Feed Chick Grains.....	Farmers Feed & Supply, Bristol...	12.66	10.88	9.00	3.17	2.50	1.72	3.00
9223	Pure Feed Complete Grower.....	Farmers Feed & Supply, Bristol...	11.36	18.75	16.00	4.28	3.50	3.82	5.00
6716	Pure Feed Complete Layer-Breeder	East Haven Hay & Grain, East Haven.....	9.87	20.75	17.00	4.79	3.50	4.19	5.00

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber	
			Moist-ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
West-Nesbitt Inc., Oneonta, N. Y.—Cont.									
9165	Pure Feed Complete Rabbit Pellets.	Bantam Supply Co., Bantam	10.91	18.00	16.00	4.79	3.00	9.61	15.00
9222	Pure Feed Dairy Ration	Farmers Feed & Supply, Bristol . .	9.91	21.13	20.00	4.14	3.50	7.55	10.00
8868	Pure Feed Egg & Breeder Mash	G. Merritt Thompson, Mansfield Depot	11.43	22.50	20.00	5.44	3.00	4.52	7.00
7043	Pure Feed Egg Maker	Farmers Feed & Supply, Bristol . .	10.59	22.06	20.00	3.64	3.00	5.62	7.50
8870	Pure Feed 14% Fitting Ration	G. Merritt Thompson, Mansfield Depot	12.39	15.19	14.00	3.65	3.50	5.52	8.50
9220	Pure Feed Growing Mash	L. Perillo Coal, Southington	10.69	18.25	18.00	4.24	3.00	3.93	7.00
7044	Pure Feed Horse Ration	Farmers Feed & Supply, Bristol . .	11.86	11.00	9.00	3.03	3.00	7.55	11.00
9225	Pure Feed Swine Ration	Farmers Feed & Supply, Bristol . .	10.53	18.13	16.00	4.87	3.50	5.87	8.00
9224	Pure Feed Turkey Finisher	Farmers Feed & Supply, Bristol . .	11.18	17.75	16.00	3.75	3.00	4.28	6.00
7039	Surplus Grain Ration Mixed Feed A	Farmers Feed & Supply, Bristol . .	12.09	17.31	16.00	3.37	3.00	5.25	2.00
A. C. Wetherell, Suffield, Conn.									
9506	Special Dairy Mixture No. 3	A. C. Wetherell, Suffield	10.32	17.31	16.00	3.35	3.50	6.78	9.00
Whitmoyer Laboratories, Inc., Myerstown, Pa.									
7529	Clo-Meal	Brooklawn Grain & Feed, Bridge- port	9.59	42.13	40.00	13.38	10.00	2.54	3.75
7087	Whitmoyer Quality 60% Fish Meal	Meech & Stoddard, Middletown . .	6.22	61.31	60.00	14.23	7.00	0.15	3.00
Wilbur-Ellis Co., New York, N. Y.									
9559	Norwegian Herring Meal	Machnick's Grain, Jewett City . .	9.21	72.63	70.00	4.59	5.00	0.20	2.00
Wilkins-Rogers Milling Co., Inc., Washington, D. C.									
9153	Washington Coarse Scratch Feed . . .	D. Rudin, Inc., Hartford	13.77	12.13	10.00	3.24	2.50	2.29	4.00
9152	Washington Laying Mash	D. Rudin, Inc., Hartford	11.04	18.75	20.00	5.34	3.00	5.26	8.00
Wyatt Alfalfa Mill, Wyatt, Mo.									
9303	W.A.M. 17% Dehydrated Alfalfa Meal	C. W. Campbell Co., Pawcatuck . .	7.46	18.75	17.00	2.80	1.50	23.87	27.00
The Yantic Grain & Products Co., Norwich, Conn.									
9080	Big Y All in All Egg Ration	Big Y Feed, Simsbury	9.46	16.19	15.00	4.58	3.50	6.57	7.00
9297	Big Y All in All Egg Ration	Conn. Farm for Women, Niantic. Southbury Training School, Southbury	9.66	15.81	15.00	3.59	3.50	6.73	7.00
9526	Big Y All in All Egg Ration	Big Y Feed, Simsbury	10.26	16.31	15.00	3.54	3.50	6.95	7.00
9081	Big Y All in All Growing Ration . . .	Yantic Grain & Prod., Norwich . .	9.93	17.81	16.00	4.00	3.00	6.86	7.00
8964	Big Y Breeder Mash	Yantic Grain & Prod., Norwich . .	9.10	20.88	20.00	4.74	3.50	5.10	7.00
9552	Big Y Calving Ration	Big Y Grain, Stepney	9.89	14.75	14.00	3.65	3.50	9.65	11.00
9337	Big Y Chick Scratch Grain	University of Conn., Storrs	13.06	10.88	10.00	2.16	2.00	1.17	4.00
7105	Big Y Complete Calf Starter & Builder	Conn. Reformatory, Cheshire	9.67	20.44	17.50	3.24	2.50	6.77	7.50
8844	Big Y Complete Calf Starter & Builder	Conn. State Hospital, Middletown Southbury Training School, Southbury	10.75	19.25	17.50	3.39	2.50	5.42	7.50
8890	Big Y Complete Calf Starter & Builder	East Haddam Grain, East Had- dam	12.43	18.50	17.50	3.44	2.50	5.36	7.50
9528	Big Y Complete Calf Starter & Builder	Big Y Feed, Torrington	11.19	16.75	17.50	2.69	2.50	5.50	7.50
9030	Big Y Confinement Growing Mash.	Big Y Feed, Torrington	11.65	17.63	15.00	4.97	3.50	4.96	5.00
7367	Big Y Dairy & Fitting Ration	Boston Grain Co., Willimantic . . .	10.04	15.44	14.00	4.06	3.50	7.52	9.00
6780	Big Y 16% Dairy Ration	University of Conn., Storrs	9.42	18.38	16.00	3.68	3.50	8.33	8.50
7104	Big Y 16% Dairy Ration	Big Y Feed, Danbury	10.34	18.75	16.00	4.36	3.50	7.37	8.50
7559	Big Y 18% Dairy Ration	Big Y Feed, Simsbury	12.43	20.00	18.00	3.26	3.20	7.37	8.50
9079	Big Y 20% Dairy Ration	Yantic Grain & Prod., Norwich . .	10.37	21.88	20.00	3.41	3.50	7.08	8.50
8965	Big Y 32% Dairy Supplement Feed.	Putnam Big Y Grain, Putnam	9.71	31.69	32.00	3.06	3.00	6.71	8.00
9439	Big Y Egg Maker	Naugatuck Grain, Union City	9.96	20.13	20.00	4.79	3.00	6.88	7.50
6806	Big Y Fattening Pellets	Packer Grain Co., Canterbury	9.90	14.00	10.00	4.79	4.00	2.67	3.00
9349	Big Y Fitting Ration	Hamden Big Y Grain, Mt. Carmel . .	10.21	13.69	12.00	3.55	3.00	7.66	10.00
9099	Big Y Hi-Efficiency Breeder Ration	Yantic Grain & Prod., Norwich . .	11.06	18.38	15.00	4.91	3.50	3.95	4.00
7007	Big Y Hi-Efficiency Grower	Conn. Farm for Women, Niantic . .	12.39	15.06	15.00	3.54	3.50	3.25	5.00
9296	Big Y Hi-Efficiency Grower	Boston Grain Co., Willimantic . . .	11.00	20.19	15.00	3.99	3.50	4.32	5.00
6773	Big Y Hi-Efficiency Laying Mash . . .	Yantic Grain & Prod., Norwich . .	10.26	16.56	15.00	4.27	3.50	3.15	4.00
7003	Big Y Hi-Efficiency Laying Mash . . .	Southbury Training School, Southbury	11.82	16.63	15.00	3.81	3.50	2.87	4.00
9525	Big Y Hi-Efficiency Laying Mash . . .		10.76	17.19	16.00	4.24	3.50	3.59	4.00

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TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Concluded

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Found	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)									
The Yantic Grain & Products Co., Norwich, Conn.—Cont.									
9145	Big Y Hi-G Dairy Ration	Abington Grain Co., Abington	9.46	20.63	16.00	2.40	3.00	10.92	14.00
7343	Big Y Hog & Pig Ration	Moosup Grain Co., Moosup	10.02	18.94	17.00	3.72	3.50	5.35	8.00
9020	Big Y Horse Feed	Harbor Grain Co., New London	12.99	10.63	9.00	2.48	2.00	5.41	9.00
9350	Big Y Improved A1-Mo.	Packer Grain Co., Canterbury	9.56	12.69	10.00	1.86	1.50	16.63	17.00
6807	Big Y Improved Broiler Finisher	Naugatuck Grain, Union City	10.40	20.81	18.00	3.97	3.50	3.37	4.00
9438	Big Y Improved Broiler & Starter Ration	Putnam Big Y Grain, Putnam	10.38	21.81	21.00	5.24	4.00	3.75	4.00
9553	Big Y Improved Turkey Starter & Game Bird Feed	Yantic Grain & Prod., Norwich	9.63	29.06	28.00	4.35	3.50	4.66	5.00
9338	Big Y Intermediate Chick Grain	Big Y Grain, Stepney	12.93	11.94	10.00	3.03	2.50	2.35	5.00
7342	Big Y 20% Laying Mash	Moosup Grain Co., Moosup	10.41	20.38	20.00	3.83	3.50	5.15	7.00
7345	Big Y M&O Growing Feed	Moosup Grain Co., Moosup	10.59	19.38	18.00	4.03	3.50	5.12	6.00
9100	Big Y Meat Pullet & Caponette Ration	Hamden Big Y Grain, Mt. Carmel	10.28	22.06	20.00	3.89	3.50	4.17	5.00
9330	Big Y Poultry Fitting Ration	Big Y Grain, Stepney	11.08	12.00	10.00	2.90	3.00	4.89	8.00
7558	Big Y Purity Dairy Ration 16%	Big Y Feed, Danbury	12.81	17.38	16.00	3.59	3.50	8.25	9.00
9097	Big Y Rabbit Pellets	Hamden Big Y Grain, Mt. Carmel	10.26	16.63	16.00	2.98	3.00	9.63	10.00
9331	Big Y Sheep & Goat Feed	Big Y Grain, Stepney	10.15	17.88	16.00	3.09	3.00	7.21	8.50
6781	Big Y Stock Feed	Boston Grain Co., Willimantic	9.55	10.00	9.00	2.94	2.50	13.10	15.00
7344	Big Y Super Starter-Broiler Ration	Moosup Grain Co., Moosup	10.81	21.63	20.00	3.59	3.50	3.32	4.00
9031	Big Y Supreme Laying Mash	East Haddam Grain, East Haddam	13.43	18.00	16.00	5.59	5.00	3.74	4.00
8843	Big Y Test Cow Ration	Conn. Reformatory, Cheshire	11.81	16.63	16.00	3.16	3.00	5.68	8.50
8888	Big Y Test Cow Ration	Conn. State Hospital, Middletown	13.19	16.50	16.00	3.35	3.00	5.47	8.50
9295	Big Y Test Cow Ration	Conn. Farm for Women, Niantic	11.31	18.13	16.00	3.09	3.00	7.15	8.50
9527	Big Y Test Cow Ration	Southbury Training School, Southbury	11.31	18.75	16.00	2.94	3.00	6.69	8.50
9098	Big Y Turkey Fattener	Hamden Big Y Grain, Mt. Carmel	10.36	21.44	17.00	3.50	3.50	5.56	7.00
9029	Big Y Turkey Growing Feed	East Haddam Grain, East Haddam	10.79	21.19	20.00	3.95	3.50	5.87	7.00
7368	Connecticut Flood Emergency Mixed Feed A	Big Y Feed, Torrington	11.44	16.50	16.00	2.88	3.00	5.20	8.50
7384	Connecticut Flood Emergency Mixed Feed A	Putnam Big Y Grain, Putnam	10.35	15.88	16.00	3.36	3.00	5.55	8.50
Yieldmor Feeds, Inc., Piqua, Ohio									
7600	Yieldmor 16% Dairy Feed	L. Broder & Co., Colchester	13.50	22.13	16.00	2.18	3.00	5.30	8.00
9256	Yieldmor 14% Dairy Fitting Ration	L. Broder & Co., Colchester	11.91	15.63	14.00	3.17	3.00	6.65	8.00
7598	Yieldmor Hi-Energy Layer-Grower Mash	L. Broder & Co., Colchester	12.41	16.31	16.00	3.39	3.50	3.41	3.50
9260	Yieldmor 14% Hog Fattener	L. Broder & Co., Colchester	9.82	19.63	14.00	3.69	3.00	6.75	7.50
9258	Yieldmor Horse Feed	L. Broder & Co., Colchester	11.26	12.50	9.00	3.14	3.00	7.53	10.00
9259	Yieldmor Poultry Fitting Ration	L. Broder & Co., Colchester	11.60	12.88	10.00	3.54	3.00	7.68	9.00
9257	Yieldmor Rabbit Pellets	L. Broder & Co., Colchester	9.25	15.31	14.00	3.84	3.00	8.19	10.00
7599	Yieldmor Sweet Feed	L. Broder & Co., Colchester	11.91	23.00	20.00	2.27	2.00	9.82	14.00

TABLE 2. VITAMIN D CARRIERS

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Satisfactory	Passed	Below guaranty
Astrol Products, Inc. Brooklyn, N. Y.	C.C.C.F. Premix	681,000	Manchester, 8/17, 8146	1	..	..	1
	Dry D	6,810,000	Manchester, 1/6, 7533	1	1	..	..
The Beacon Milling Co. Inc. Cayuga, N. Y.	Beacon High Vitamin D ₂ Mix.	3,750,000 ¹	Willimantic 11/9, none	1	1	..	..
The Borden Co., Special Products Div. New York, N. Y.	Borden's Dry D	681,000	Pawcatuck, 2/16, BSBKK; 5/14, BHBOK	2	2	..	..
Consolidated Products Co. Danville, Ill.	Pex for Broilers	3,600	Jewett City, 4/2, none	1	..	..	1
	Pex for Layers-Breeders	3,600	Jewett City, 4/2, none	1	..	..	1
Dawe's Laboratories, Inc. Chicago, Ill.	Arsanilic Acid in New England Broiler Base Premix No. 2	12,000	Middletown, 3/9, 7885; 5/15, 9522; Plantsville, 10/5, 7827 ³	3	3	..	..
	Dawe's Fermentation Flavonne	18,160	Middletown, 3/9, 7845; 5/15, 9519; 8/9, 9104 ⁴ ; 10/10, 2362; Guilford, 10/29, 1270	5	4	..	1
	Flavonne Ribo-D	18,160	Middletown, 1/6, none	1	1	..	..
Dawnwood Farms, Amenia, N. Y.	Dawnwood Farms Caf-Star	4,000 ¹	Norwalk, 1/5, none	1	1	..	..
E. I. duPont de Nemours & Co. Inc. Wilmington, Del.	DuPont Delsterol 1500-D	681,000	Derby, 1/5, none	1	1	..	..
	DuPont Delsterol 3000-D	1,362,000	Shelton, 1/5, none; Norwich, 2/20, none; Derby, 3/29, none; Norwich, 5/15, none; Shelton, 8/8, none	5	5	..	..
Eastern States Farmers' Exchange Inc., W. Springfield, Mass.	Calfsaver Tablets ⁵	400 ²	Norwich, 9/6, 9950-007-105	1	1	..	..
The Fox Company Newfield, N. J.	Foxco Qualadee A & D Feeding Oil	136,200	New Haven, 1/5, 112855; Derby, 1/5, 10655	2	2	..	..
Gorton-Pew Fisheries Co. Ltd. Gloucester, Mass.	Gorton's A1-Blend "Junior"	8,000	Wallingford, 1/5, 6716-6705- 6726-6720; 5/16, 17975, 17328, 17969, 17973, 17327; 8/20, 2162-2152-2150-2151	3	3	..	..
	Gorton's A1-Blend "Senior"	16,000	Canaan, 4/5, 1728, 1732, 1712; 10/3, 182-157-176-146-179	2	2	..	..
	Gorton's Mar-Vi-Tic Blend	30,000	Pawcatuck, 2/16, 521-511-508- 516-519	1	..	1	..
McKesson & Robbins, Inc. New York, N. Y.	Cod Liver Oil USP Medicinal High Potency	45,400 ¹	Norwalk, 3/29, none	1	1	..	..
Marden-Wild Corporation Somerville, Mass.	Marden's Vitamin A & D Feed- ing Oil	136,200	Storrs, 1/6, none	1	1	..	..
Marine Products Co. Boston, Mass.	Veterinary Cod Liver Oil	136,200	Pawcatuck, 2/16, 54827; South Coventry, 8/17, 54827; North Franklin, 9/14, none	3	3	..	..
Nopco Chemical Co. Harrison, N. J.	Nopco-Pak Hi-Lay Premix	400,000	Norwich, 2/20, none; 5/15, none, 8/24, none ⁶ ; 11/20, none ⁷	4	4	..	..
	Nopco-Pak Improved Premix ⁸	170,300	Norwich, 8/24, none	1	1	..	..
	Nopco-Pak Premix No. 1	170,200	Manchester, 11/14, none	1	1	..	..
	Nopco-Pak Prestarter Premix	194,600	Norwich, 8/24, none ⁹ ; 11/20, none ¹⁰	2	2	..	..
	Nopco-Pak Super Premix	170,250	Norwich, 2/20, none; 5/15, none; 11/20, none ¹¹	3	3	..	..
	Nopdex "3000"	1,360,800	Norwich, 2/20, none; 5/15, none; 8/24, none; 11/20, none	4	4	..	..
Silmo Chemical Corp. Vineland, N. J.	Liverol	136,200	Baltic, 9/6, none	1	1
	Silmo XX Vitamin Oil	136,200	Shelton, 1/5, 33DA57; 2/24, 33DA63; 8/8, 33DA74	3	2	1	..

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TABLE 2. VITAMIN D CARRIERS—Concluded

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Satisfactory	Passed	Below guaranty
Stabilized Vitamins, Inc. Brooklyn, N. Y.	Perma-Mix	102,100	Manchester, 11/14, 1417	1	1	..	..
	Perma-Mix C.C.C. No. 1	170,300	Manchester 1/6, 1270-4; 2/15, 1138-1300-1; 5/16, 1319-1; 8/17, 1393-2 ¹² ; 11/14, 1438-4	5	5	..	..
	Perma-Mix C.C.C. No. 2	102,100	Manchester, 1/6, 1279; 2/15, 1301-1; 5/16, 1355-1; 8/17, 1373-1 ¹³ ; 11/14, 1425	5	5	..	..
	Perma-Mix C.C.C. No. 3	103,100	Manchester, 1/6, 1280; 2/15, 1302-1; 5/16, 1340; 8/17, 1340 ¹⁴ ; 11/14, 1439	5	5	..	..
	Perma-Mix C.C.C. No. 4	102,100	Manchester, 1/6, 1281; 8/17, 1358 ¹⁵	2	2	..	..
Whitmoyer Laboratories, Inc. Myerstown, Pa.	Dri-Col	681,000	Bridgeport, 1/5, 72255; 4/9, none; Pawcatuck, 5/14, 3855; Bridgeport, 8/10, 7956	4	4	..	..
	Whitcod Pure Cod Liver Oil USP Non Destearinated	68,000	Danielson, 3/28, 122255; Baltic, 9/6, 122255; Willmantic, 11/9, 4556	3	3	..	..
	Whitmoyer Quality Vitamin A & D Feeding Oil	136,000	Derby, 3/29, 2856; 8/7, 7656; 11/1, 92556	3	3	..	..

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

² U.S.P. units per tablet; assayed by feeding to rats.

³ Riboflavin, mg. per lb: guaranteed 54; found, 90.8. Niacin, mg. per lb: guaranteed, 400; found, 922.

⁴ Riboflavin, mg. per lb: guaranteed, 22.7; found, 36.9. Niacin, mg. per lb: guaranteed, 90; found, 149.

⁵ Niacin, mg. per capsule: guaranteed, 50; found, 51.3.

⁶ Riboflavin, mg. per lb: guaranteed, 800; found, 687. Niacin, mg. per lb: guaranteed, 8,000; found, 9,171.

⁷ Riboflavin, mg. per lb: guaranteed, 800; found, 795. Niacin, mg. per lb: guaranteed, 8,000; found, 8,036.

⁸ Riboflavin, mg. per lb: guaranteed, 1,000; found, 953. Niacin, mg. per lb: guaranteed, 7,500; found, 8,581.

⁹ Riboflavin, mg. per lb: guaranteed, 1,143; found, 1,058. Niacin, mg. per lb: guaranteed, 4,286; found, 4,245.

¹⁰ Riboflavin, mg. per lb: guaranteed, 1,143; found, 1,012. Niacin, mg. per lb: guaranteed, 4,286; found, 4,131.

¹¹ Riboflavin, mg. per lb: guaranteed, 750; found, 690. Niacin, mg. per lb: guaranteed, 7,500; found, 9,221.

¹² Riboflavin, gm. per 10 lb: guaranteed, 2; found, 1.82. Niacin, gm. per 10 lb: guaranteed, 39; found, 42.

¹³ Riboflavin, gm. per 10 lb: guaranteed, 1.8; found, 1.55. Niacin, gm. per 10 lb: guaranteed, 50; found, 49.

¹⁴ Riboflavin, gm. per 10 lb: guaranteed, 3.63; found, 2.07. Niacin, gm. per 10 lb: guaranteed, 30; found, 48.

¹⁵ Riboflavin, gm. per 10 lb: guaranteed, 3.63; found, 3.40. Niacin, gm. per 10 lb: guaranteed, 40; found, 37.

TABLE 3. NIACIN AND RIBOFLAVIN CARRIERS, 1956

No.	Manufacturer and brand	Retail dealer in Connecticut	Niacin, mg./lb.		Riboflavin, mg./lb.	
			Guaranteed	Found	Guaranteed	Found
Commercial Solvents Corp., Terre Haute, Ind.						
9231	B-Y-100 Dried Grain & Cane Syrup Fermentation Solubles (Butyl)...	The Yantic Grain & Products Co., Norwich.....	.....	.....	45.4	47.2
9230	B-Y-21 Riboflavin Supplement.....	The Yantic Grain & Products Co., Norwich.....	.....	.....	3,630	3,700
9205	B-Y Vitamin Feed Supplement 58..	Wolf Savitsky & Sons, Inc., Shelton.....	9,000	8,717	2,000	1,889
Dawe's Laboratories, Inc., Chicago, Ill.						
9203	Dawe's Fermentation Flavonne....	Fred C. Morse & Sons, Guilford.....	90	137	22.7	19.5
9209	Dawe's Fermentation Supplement 100.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	.....	.....	45.3	49.8
Merck & Co., Inc., Rahway, N. J.						
9204	No. 444 Vitamin Mixture.....	Derby Feed Store, Derby.....	6,660	6,129	1,330	1,117
Nopco Chemical Co., Harrison, N. J.						
9210	Nopco-Pak Premix No. 1.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	3,900	3,813	200	194
Stabilized Vitamins, Inc., Brooklyn, N. Y.						
9212	Perma-Mix.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	4,000	4,086	.....	.....
9206	Perma-Mix C.C.C. No. 1.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	3,900	3,972	200	249
9207	Perma-Mix C.C.C. No. 2.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	5,000	4,949	180	207
9208	Perma-Mix C.C.C. No. 3.....	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	3,000	2,724	363	365
U. S. Industrial Chemicals Co., New York, N. Y.						
9211	U.S.I. Riboflavin Supplement No. 4.	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester.....	4,000	3,916

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TABLE 4. ANALYSES OF FEEDS CONTAINING SULFAQUINOXALINE WITH OR WITHOUT ARSANILIC ACID, 1956

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent		Arsanilic acid, per cent	
			Guaran- teed	Found	Guaran- teed	Found
Chas. M. Cox Co., Boston, Mass.						
W.S.-614	Wirthmore Chick Starter	Milford Grain Co., Milford	0.0175	0.0195	....	....
W.S.-623	Wirthmore Complete Chick Starter	Middlefield Grain & Supply Co., Middlefield	0.0175	0.0201	....	....
W.S.-638	Wirthmore Complete Growing Ration	R. G. Davis & Sons, New Haven	0.0125	0.0037	....	....
W.S.-600	Wirthmore Hi-Ener-G 16	Wirthmore Grain & Coal Co., Stepney	0.0125	0.0124	....	....
W.S.-622	Wirthmore Hi-Ener-G 16	Middlefield Grain & Supply Co., Middlefield	0.0125	0.0148	....	....
W.S.-652	Wirthmore Hi-Ener-G 16	Watertown Co-Operative Ass'n., Inc., Water- town	0.0125	0.0162	....	....
W.S.-610	Wirthmore Poultry Mash Base	Benjamin Grain Co., Danbury	0.1000	0.0990	....	....
W.S.-639	Wirthmore Poultry Mash Base	R. G. Davis & Sons, New Haven	0.1000	0.0968	....	....
W.S.-625	Wirthmore Turkey Starter	Osborn Grain Co., Branford	0.0175	0.0200	....	....
W.S.-640	Wirthmore Turkey Starter	R. G. Davis & Scns, New Haven	0.0175	0.0208	....	....
Derby Feed Store, Derby, Conn.						
W.S.-597	Derby Feed Starter & Broiler Mash	Derby Feed Store, Derby	0.0125	0.0177	....	....
John W. Eshelman & Sons, Lancaster, Pa.						
W.S.-615	Red Rose Chick Starter	Meriden Grain & Coal Co., Meriden	0.0150	0.0073	....	....
W.S.-616	Red Rose Hi Lo Broiler	Meriden Grain & Coal Co., Meriden	0.0150	0.0141	....	....
W.S.-603	Red Rose Turkey Starter	Belmont Feed Co., Cos Cob	0.0175	0.0122	....	....
Meech & Stoddard, Inc., Middletown, Conn.						
W.S.-620	Meech & Stoddard Special Balance Hi Eff Starter & Broiler	Meech & Stoddard, Inc., Middletown	0.0175	0.0145	¹	0.0088
W.S.-621	Meech & Stoddard Special Balance Starting Mash	Meech & Stoddard, Inc., Middletown	0.0175	0.0202	....	....
The Park & Pollard Co., Inc., Buffalo, N. Y.						
W.S.-645	Park & Pollard	P. Cutler, Inc., Colchester	0.0175	0.0203	....	....
W.S.-649	Park & Pollard	Spencer Grain Co., Waterbury	0.0175	0.0155	....	....
Wolf Savitsky & Sons, Inc., Shelton, Conn.						
W.S.-595	Wolf's Complete Hi Eff Growing Mash	Wolf Savitsky & Sons, Inc., Shelton	0.0175	0.0193	....	....
W.S.-596	Wolf's Hi-Speed Starter & Broiler	Wolf Savitsky & Sons, Inc., Shelton	0.0175	0.0195	....	....
W.S.-594	Wolf's Super Hi Eff Starter & Broiler	Wolf Savitsky & Sons, Inc., Shelton	0.0175	0.0146	0.0090	0.0123
H. K. Webster Co., Lawrence, Mass.						
W.S.-646	Blue Seal	Einhorn's Grain Store, Colchester	0.1000	0.1065	....	....
Yantic Grain & Products Co., Norwich, Conn.						
W.S.-606	Big Y Super Starter & Broiler	Stepney Big Y, Stepney	0.0175	0.0190	....	....
W.S.-604	Big Y Turkey Starter Krumbles	Stepney Big Y, Stepney	²	0.0176	....	....

¹ Presence of arsanilic acid not declared.² Percentage not declared.

TABLE 5. ANALYSES OF FEEDS CONTAINING NICARBAZIN WITH OR WITHOUT ARSENICALS, 1956

No.	Manufacturer and brand	Retail dealer	Nicarbazin, per cent		Arsanilic acid, per cent		3-Nitro-4-hydroxyphenylarsonic acid, per cent	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	Found
Chas. M. Cox Co., Boston, Mass.								
W.S.-612	Wirthmore Broiler Perk	Benjamin Grain Co., Danbury	0.0125	0.0112	.....	.....	.....	.....
W.S.-599	Wirthmore Hi-Ener-G Starter & Broiler	Wirthmore Grain & Coal Co., Stepney	0.0125	0.0108	0.0088*	0.0084*	.....	.....
W.S.-613	Wirthmore Hi-Ener-G Starter & Broiler	Milford Grain Co., Milford	0.0125	0.0086	0.0088*	0.0080*	.....	.....
W.S.-634	Wirthmore Hi-Ener-G Starter & Broiler	L. Broder & Co., Inc., Colchester	0.0125	0.0113	0.0088	0.0100	.....	.....
W.S.-617	Wirthmore Improved Hi-Ener-G Starter & Broiler	H. Grulich, Meriden	0.0125	0.0104	0.0088*	0.0101*	.....	.....
W.S.-624	Wirthmore Improved Hi-Ener-G Starter & Broiler	Middlefield Grain & Supply Co., Middlefield	0.0125	0.0072	0.0088*	0.0089*	.....	.....
W.S.-627	Wirthmore Improved Hi-Ener-G Starter & Broiler	S. V. Osborn Est., Branford	0.0125	0.0045	0.0088*	0.0095*	.....	.....
W.S.-637	Wirthmore Improved Hi-Ener-G Starter & Broiler	R. G. Davis & Sons, New Haven	0.0125	0.0090	0.0088*	0.0093*	.....	.....
W.S.-651	Wirthmore Improved Hi-Ener-G Starter & Broiler	The Watertown Co-Operative Ass'n., Inc., Watertown	0.0125	0.0097	0.0088*	0.0099*	.....	.....
5982	Wirthmore Improved Hi-Ener-G Starter & Broiler Ration Krumbles	Dayville Grain Co., Dayville	0.0125	0.0156	0.0088*	0.0121*	.....	.....
W.S.-598	Wirthmore Plus 2M Broiler Feed	Wirthmore Grain & Coal Co., Stepney	0.0125	0.0073	0.0088*	0.0095*	.....	.....
W.S.-635	Wirthmore Plus 2M Broiler Feed	L. Broder & Co., Inc., Colchester	0.0125	0.0086	0.0088*	0.0089*	.....	.....
John W. Eshelman & Sons, Lancaster, Pa.								
W.S.-601	Red Rose Chick Starter	Belmont Feed Co., Cos Cob	0.0125	0.0110	.....	.....	0.0050	0.0050
W.S.-602	Red Rose Starter & Grower	Belmont Feed Co., Cos Cob	0.0125	0.0095	.....	.....	.....	.....
McMillen Feed Mills Div., Central Soya Co., Inc., Ft. Wayne, Ind.								
W.S.-628	McMillen Master Mix Hi Calorie Broiler Concentrate	Fred C. Morse & Son, Guilford	0.03125	0.0210	.....	.....	0.0125	0.0133
Fred C. Morse & Son, Guilford, Conn.								
W.S.-629	Old Mill Hi Calorie Broiler Mash	Fred C. Morse & Son, Guilford	0.0125	0.0064	.....	.....	0.0050	0.0058
W.S.-630	Old Mill Starting Mash	Fred C. Morse & Son, Guilford	0.0125	0.0102	.....	.....	.....	.....
The Park & Pollard Co., Inc., Buffalo, N. Y.								
W.S.-643	Park & Pollard Nicarbazin Mix	P. Cutler, Inc., Colchester	0.0125	0.0071	.....	.....	.....	.....
W.S.-644	Park & Pollard Nicarbazin Mix	P. Cutler, Inc., Colchester	0.0125	0.0118	.....	.....	.....	.....
W.S.-648	Park & Pollard Nicarbazin Mix	Spencer Grain Co., Waterbury	0.0125	0.0097	.....	.....	.....	.....
W.S.-650	Park & Pollard Nicarbazin Mix	Spencer Grain Co., Waterbury	0.0125	0.0064	.....	.....	.....	.....
Ralston Purina Co., St. Louis, Mo.								
5714	Purina Broiler Chow Starter Checker-Etts	Ralston Purina Co., Danielson	0.0125	0.0122	.....	.....	0.0050	0.0023
W.S.-618	Ralston N C Chick Startena	A. Hodos & Sons, Inc., Ansonia	0.0125	0.0080	.....	.....	0.0025	0.0021
H. K. Webster Co., Lawrence, Mass.								
W.S.-647	Blue Seal Nicarbazin Mix	Einhorn's Grain Store, Colchester	0.0125	0.0113	.....	.....	.....	.....
The Yantic Grain and Products Co., Norwich, Conn.								
W.S.-609	Big Y High Efficiency Grower	Big Y Feed Co., Danbury	1	0.0084	0.0095	0.0088	.....	.....
6025	Big Y High Efficiency Laying Mash	Ralph E. Lovell, Canterbury	2	0.0094	.....	.....	.....	.....
6024	Big Y High Efficiency Starter Mash	Ralph E. Lovell, Canterbury	3	0.0094	.....	.....	.....	.....
W.S.-607	Big Y Improved Broiler Finisher	Big Y Feed Co., Danbury	1	0.0132	0.0095	0.0100	.....	.....
W.S.-608	Big Y Improved Broiler Starter	Big Y Feed Co., Danbury	0.0125	0.0100	0.0095	0.0114	.....	.....
W.S.-641	Big Y Nicarbazin Mix	East Haddam Grain Co., E. Haddam	0.0125	0.0112	0.0095	0.0105	.....	.....
W.S.-642	Big Y Nicarbazin Mix	East Haddam Grain Co., E. Haddam	0.0125	0.0107	0.0095	0.0122	.....	.....
8330	Big Y Pre-Starter Nicarbazin Mixture	Yantic Grain & Products Co., Norwich	0.0125	0.0106	0.0095	0.0170	.....	.....
W.S.-605	Big Y Super Starter & Broiler Ration	Big Y Grain Co., Stepney	0.0125	0.0094	0.0095	0.0106	.....	.....
5983	Big Y Super Starter & Broiler Ration Krumbles	Big Y Grain Co., Norwich	1	0.0128	0.0095	0.0157	.....	.....
Yieldmor Feeds, Inc., Piqua, Ohio								
W.S.-631	Yieldmor Broiler Finisher	L. Broder & Co., Inc., Colchester	0.0125	0.0050	0.0099	0.0070	.....	.....
W.S.-633	Yieldmor Broiler Pre-Starter	L. Broder & Co., Inc., Colchester	0.0125	0.0063	0.0099	0.0068	.....	.....
W.S.-632	Yieldmor Hi Yield Broiler Finisher	L. Broder & Co., Inc., Colchester	0.0125	0.0047	0.0099	0.0090	.....	.....

*Sodium arsanilate.

1 Concentration not declared.

2 Guaranty not known.

TABLE 6. ANALYSES OF MISCELLANEOUS MEDICATED FEEDS, 1956

No.	Manufacturer and brand	Retail dealer	Furazolidone, per cent		4-Nitrophenylarsonic acid, per cent		3-Nitro-4-hydroxyphenylarsonic acid, per cent		Phenothiazine, per cent	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found
Chas. M. Cox Co., Boston, Mass.										
W.S.-611	Wirthmore Poultry Mash Base	Benjamin Grain Co., Danbury	.....	.....	.....	.....	.....	.....	0.45	0.15
W.S.-626	Wirthmore Turkey Growing Ration	S. V. Osborn Est., Branford	.....	.....	0.0250	0.0290	.....	.....	.....	.....
W.S.-636	Wirthmore Turkey Treat	R. G. Davis & Sons, New Haven	0.0165	0.0020	.....	.....	.....	.....	.....	.....
Ralston Purina Co., St. Louis, Mo.										
W.S.-619	Ralston Purina Broiler Finisher	A. Hodcs & Sons, Inc., Ansonia	.....	.....	.....	.....	0.0050	0.0068	.....	.....

TABLE 7. ANALYSES OF OAT PRODUCTS, 1956

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Moisture	Protein (N x 6.25)		Fat		Fiber	
				Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than
E. W. Bailey & Co. Inc., Montpelier, Vt.									
8958	Fancy Ground Oats	A. E. Hall, Wallingford	10.91	12.00	12.00	3.99	4.50	7.91	12.00
The Best Foods, Inc., Buffalo, N. Y.									
9572	Oat Mill By-Product	L. C. Latimer, So. Coventry	8.40	6.00	4.00	1.46	1.00	26.53	30.00
Clyde Milling Corp., Clyde, N. Y.									
8941	Ground Oats	L. C. Latimer, So. Coventry	13.02	10.63	12.00	3.99	3.50	10.09	12.00
Chas. M. Cox Co., Boston, Mass.									
8947	Ground Oats	Anderson Farm Supply, Portland	15.82	12.25	.....	4.85	.....	6.59	.....
Doughboy Industries, Inc., New Richmond, Wis.									
9400	Blenders Pulverized White Oats	Fred C. Morse & Son, Guilford	9.46	11.06	10.00	3.74	2.50	14.33	15.00
Fruen Milling Co., Minneapolis, Minn.									
8811	Fruen's Mixers' Coarse Ground White Oats	Seymour Grain & Coal, Seymour	10.87	10.50	10.00	2.68	2.50	14.11	15.00
8810	Fruen's Mixers' Pulverized White Oats	Seymour Grain & Coal, Seymour	10.87	10.50	10.00	2.68	2.50	14.11	15.00
General Mills, Inc., Minneapolis, Minn.									
9300	Pulverized White Oats	C. W. Campbell Co., Pawcatuck	8.56	15.63	12.00	4.69	4.50	9.72	13.00
The Quaker Oats Co. of Canada Ltd., Peterborough, Canada									
9305	Peterborough Oat Huller Feed	C. W. Campbell Co., Pawcatuck	7.84	2.94	2.50	0.84	1.00	28.82	34.00
8883	Peterborough Oat Mill By-Product	Meech & Stoddard, Middletown	8.42	3.50	2.50	1.24	1.00	29.42	32.00
Robin Hood Flour Mills Ltd., Moose Jaw, Saskatoon, Canada									
9584	Black-Hawk Pulverized Oat Mill By-Product	C. A. Cowles, Plantsville	8.76	5.19	3.50	2.29	1.00	24.95	30.00