
Bulletin 598

March, 1956

REPORT ON INSPECTION
COMMERCIAL FEEDING STUFFS
1955



H. J. Fisher
Chief Chemist

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

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CONTENTS

	Page
THE FEED LAW.....	3
REGULATIONS.....	3
REGISTRATIONS.....	7
INSPECTION, SUMMARY OF.....	40
Commercial Feeding Stuffs.....	40
Vitamin D Carriers.....	41
Medicated Feeds.....	41
Oat Products.....	41
Miscellaneous Feeds.....	42
Biological Specimens Examined for Poisons.....	43
Check Feeds.....	43
NEW ENGLAND COLLEGE CONFERENCE POULTRY RATINGS.....	43
DETERMINING GUARANTIES.....	47
 ANALYSES	
Table 1. Commercial Feeds.....	48
Table 2. Vitamin D Carriers.....	106
Table 3. Medicated Feeds.....	109
Table 4. Oat Products.....	110

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1955

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

REGULATION 7. METHODS OF ANALYSIS
(Sec. 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

Late Registrations for 1954

To the brands registered for 1954 in our last report should be added the following:

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

Elkhorn Valley Alfalfa Meal 17% (Mfr'd. by Arlington Dehydrator Co., Arlington, Nebraska)

1955 Registrations

For the period January 1, 1955 to December 31, 1955, 220 firms registered 1,344 brands of feeding stuffs, and 22 firms registered 52 brands of vitamin D carriers.

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

Acme Hominy
Acme Wheat Standard Middlings with Screenings

Adams Packing Association, Inc., Auburndale, Fla.

Adams Dried Citrus Pulp

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

Albers Rabbit Breeder Ration
Albers Rabbit Family Ration
Calf Manna
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 4, Ill.

Sugarine 16% Dairy
Wayne Breeder Mash
Wayne Cage Layer "S"
Wayne Calfnip
Wayne Calf Starter
Wayne Calf Supplement
Wayne Chick Feed
Wayne 16% Dairy
Wayne 20% Dairy
Wayne 24% Dairy
Wayne Dairy Mixer
Wayne Dairy Mixer "E"
Wayne 26% Egg & Breeder
Wayne Egg Mash
Wayne Fattening Pellets
Wayne Fitting Ration
Wayne Growing Mash
Wayne Horse Feed
Wayne Mash Layer
Wayne Mink Meal
Wayne Pork Maker
Wayne Rabbit Ration
Wayne Ranch Meal

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

Wayne Sweet Bulky Feed
 Wayne Tail Curler
 Wayne Test Cow Ration
 Wayne Turkey Fitting Ration
 Wayne Turkey Growing Mash
 Wayne Universal Breeder
 Wayne Universal Dairy Feed
 Wayne Universal Egg
 Wayne Universal Grower
 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 Cyanamid Co., Fine Chemicals Div., Princeton, N. J.

Choline Chloride 25%

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 50% Protein Dehulled Solvent-Extracted Soybean Oil Meal
 Archer Quality 36% Protein Linseed Oil Meal—Solvent Extracted
 Archer Quality 44% Protein Soybean Oil Meal—Solvent Extracted
 22% Flax Screenings Oil Feed—Solvent Extracted

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

“B'n W”

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

Bacon's Corn Gluten Feed

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

Bailey's Pennant Brand Calf Starter
 Bailey's Pennant Chick Scratch
 Bailey's Pennant Laying Mash

Barnett & Co., Ltd., 417 St. Peter St., Montreal, Canada

“BF” Brand—Ground Grain Screenings
 Corn Distillers Grains
 Distilco Corn Distillers Dried Grains 22% (*Mfr'd. by Distillers Corp. Ltd., Montreal, Canada*)
 Edwardsburg Brand 23% Corn Gluten Feed (*Mfr'd. by The Canada Starch Co., Ltd., Montreal, Canada*)
 “GO” Brand—Ground Grain Screenings

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”

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

Beacon "24"
 Beacon "32"
 Beacon Balancer Pellets
 Beacon Breeder All-Mash
 Beacon Breeders Mash
 Beacon Broiler Finisher
 Beacon Calf Grain
 Beacon Calf Starter
 Beacon Chick Grains
 Beacon Complete Rabbit Pellets
 Beacon Complete Starter
 Beacon Concentrate
 Beacon Dairy Breeder Pellets
 Beacon Dairy Fitting
 Beacon Duck Breeder
 Beacon Duck Breeder Developer
 Beacon Duck Grower-Finisher
 Beacon Duck Starter
 Beacon "22" Egg Mash
 Beacon Goat Ration
 Beacon Grower All-Mash
 Beacon "18" Growing Mash
 Beacon Hog Supplement
 Beacon Horse Feed
 Beacon Market Egg All-Mash
 Beacon Pig Grower
 Beacon Pig Starter
 Beacon Poultry Fitting
 Beacon Sow Feed
 Beacon Starter—Broiler
 Beacon Steer Fattener
 Beacon "14" Test Cow Ration
 Beacon "16" Test Cow Ration
 Beacon "18" Test Cow Ration
 Beacon Turkey & Game Bird Breeder
 Beacon Turkey & Game Bird Fitting
 Beacon Turkey & Game Bird Grower
 Beacon Turkey & Game Bird Starter
 Beacon Turkey Finisher All-Mash
 Beacon Turkey Grower All-Mash
 Be-Co-Lass

The Berkman Grain Co., North Franklin, Conn.

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

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calfadine
 Blatchford's Calf-Pab

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

Bloomfield 16% Dairy Ration

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

Borden's Dry D

Borden's Ration-Ayd for Broilers, Starters & Turkeys

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

The Brode' Corp., Box 700, Memphis, Tenn.

Owl Brand 41% Prime Cottonseed Meal

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

L. B. 16% Dairy Ration

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

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 36% Protein Cottonseed Meal, Prime Quality

Buckeye 41% Protein Cottonseed Meal, Prime Quality

Buckeye 41% Protein Solvent Extracted Cottonseed Meal

Buckeye 44% Protein Solvent Extracted Soybean Oil Meal

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

Camden Brand Dried Brewers Grain

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

Camp's Growing Mash

Carling Dried Brewers Grains (*Mfr'd. by Carling Brewing Co., Cleveland, Ohio*)

Hurlburt's Empire Rabbit Pellets

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

Alfalass

Best Pig & Hog Ration

Camco Horse Feed

16% Coarse Dairy Ration

14% Dairy Ration

16% Dairy Ration

Economical Stock Feed

Egg-O Chick Starter & Broiler Ration

Egg-O Complete Layer

Egg-O Grower

Egg-O Laying Mash

Egg-O Special Broiler

12% Fitting Ration

Sheep and Goat Feed

The Canada Starch Co. Ltd., Montreal, Quebec, Canada*(See Barnett & Co., Ltd., Montreal, Quebec, Canada)***The A. B. Caple Co., Toledo, Ohio**

Alfalfa Stem Meal

Cargill, Incorporated, 200 Grain Exchange Bldg., Minneapolis, Minn.

Cargill, Inc. 36% Protein Solvent Extracted Linseed Oil Meal
Cargill, Inc. 44% Protein Solvent Extracted Soybean Oil Meal

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

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 Laying Mash
Nu Weigh Hi Broiler Finisher
Nu Weigh Hi Broiler Mash
Nu Weigh Hi Starter Mash

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

Central 4-44
Central Star 44% Solvent Extracted Soybean Oil Meal

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

Wheat Bran
Wheat Shorts

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

Florida Crest All Sweet Dried Citrus Pulp
Fosgate's Ace High All Sweet Dried Citrus Pulp

Clinton Foods Inc., Clinton, Iowa

21% Protein Clinton Corn Gluten Feed
41% Protein Clinton Corn Gluten Meal
16% Protein Clinton Sweetened Corn Gluten Feed

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

Supreme Brand Condensed Buttermilk

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

Clyde C-M-C 30 Mixing Ration
Clyde C-M-C 40 Mixing Ration
Clyde Chick Starting Mash
Clyde Complete Calf Starter
Clyde Complete Layer Mash
Clyde Complete Rabbit Pellets
Clyde Complete Turkey Grower
Clyde Crate Fattener Pellets
Clyde Dry & Freshening Ration
Clyde Fitting Ration
Clyde Growing Mash
Clyde H-E Broiler Ration
Clyde Hi-Level Mash
Clyde Hi-Po
Clyde Horse Feed
Clyde Market Egg Mash
Clyde Meat Bird Finisher
Clyde Milky Las 15 Dairy Ration
Clyde New England 12 Dairy Ration
Clyde New England 16 Dairy Ration
Clyde Pig & Hog Ration
Clyde Special Complete Growing Mash
Clyde Special Complete Laying Mash

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

Clyde Super Egg Mash
 Clyde Test Cow 16
 Clyde Turkey Grower
 Corn Distillers Dried Grains
 Corn Gluten Feed
 Dried Apple Pomace
 Hominy Feed
 Little & McKinney Egg Mash (*Mfr'd. for Little & McKinney Grain Co., Manchester, Conn.*)
 Little & McKinney Meat Bird Finisher (*Mfr'd. for Little & McKinney Grain Co., Manchester, Conn.*)
 Soybean Oil Meal—Solvent Extracted
 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 and Cooper Ltd., 67 Yonge St., Toronto, Ontario, Canada

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

Colby Co-operative Starch Co., Caribou, Maine

Co-Star Dried Potato Pulp

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

(*See also Vitamin D Carriers*)

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
 C.C.F. Vitamin Feed Supplement

Community Service, Inc., Canaan, Conn.

Community Service 16% Dairy Ration
 Community Service 18% Dairy Ration
 Community Service 20% Dairy Ration
 Community Service Fitting Ration
 Community Service Growing Mash
 Community Service Laying Mash
 Community Service Starter & Grower Mash

Consolidated Products Co., Danville, Ill.

(*See also Vitamin D Carriers*)

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

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

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

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

Dried Corn Distillers Solubles

Copeland Flour Mills Ltd., Midland, Ontario, Canada

Dandy Wheat Bran
 Dandy Wheat Shorts

Corn Products Refining Co., 17 Battery Place, New York 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 Feed 16% Complete Grower
 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 Feed
 Blue C Starting Mash
 Blue C Super 16% Coarse Dairy Ration
 Blue C Super 16% Dairy Ration
 Blue C Turkey Growing Mash
 Blue C Turkey Starting Mash
 Elco Laying Mash
 Red C Laying Mash

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

Maple Leaf Shorts (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada*)
 Pioneer Bran (*Mfr'd. by Purity Flour Mills, Ltd., St. Boniface, Goderich and Calgary, Canada*)
 Rex Wheat Bran (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada*)
 Rex Wheat Middlings (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada*)
 Wirthmore Baby Chick Scratch
 Wirthmore Breeder Mash
 Wirthmore 38% Broiler Concentrate
 Wirthmore Calf Starter Meal
 Wirthmore Calving Ration
 Wirthmore Challenger Coarse 12 Dairy Ration
 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 Ration
 Wirthmore Complete Breeder Ration
 Wirthmore Complete Chick Starter Ration
 Wirthmore Complete Egg Ration
 Wirthmore Complete Growing Ration
 Wirthmore Complete Turkey Breeder Ration
 Wirthmore Complete Turkey Growing Ration
 Wirthmore 16 Dairy Ration
 Wirthmore 20 Dairy Ration
 Wirthmore 36% Dairy Mixing Ration
 Wirthmore 32% Dairy Supplement
 Wirthmore Fattening Pellets
 Wirthmore 14 Fitting Ration
 Wirthmore Fodder Greens
 Wirthmore Game Bird Starter
 Wirthmore Green Mountain 16 Dairy Ration

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

Wirthmore Growing Mash
 Wirthmore Growing Scratch
 Wirthmore Hi-Ener-G 16
 Wirthmore Hi-Ener-G Breeder
 Wirthmore Hi-Ener-G Grower
 Wirthmore Hi-Ener-G Layer
 Wirthmore Hi-Gro-Lay Pellets
 Wirthmore Hog Grower
 Wirthmore Horse Feed
 Wirthmore Improved Hi-Ener-G Starter & Broiler Ration
 Wirthmore Intermediate Scratch
 Wirthmore Laying Mash
 Wirthmore Mornin' Call Scratch
 Wirthmore Pig & Sow Feed
 Wirthmore 32% Poultry Concentrate
 Wirthmore 36% Poultry Concentrate
 Wirthmore Poultry Fitting Ration
 Wirthmore Poultry Flush
 Wirthmore Producer 16 Dairy Ration
 Wirthmore Production Scratch
 Wirthmore Rabbit Pellets
 Wirthmore 16 Record Ration
 Wirthmore 18 Record Ration
 Wirthmore Scratch Feed
 Wirthmore Sheep & Goat Ration
 Wirthmore Special Scratch with Cracked Corn
 Wirthmore Special Scratch with Whole Corn
 Wirthmore Stock Feed
 Wirthmore Super Pellets
 Wirthmore Turkey Breeder Ration
 Wirthmore Turkey Fattening Ration
 Wirthmore Turkey Growing Ration
 Wirthmore Turkey Starter Ration
 Wirthmore Twin-Mix Calf Ration

Crawford Brothers, Inc., 109 Delaware St., Walton, New York

Calf Starter Ration
 Complete Breeder Mash or Pellets
 Complete Chick Starter
 Complete Chick Starter Mash or Pellets
 Complete Egg Mash
 Complete Egg Mash or Pellets
 Complete Growing Mash
 Complete Growing Mash or Pellets
 16% Dairy Ration
 20% Dairy Ration
 14% Dry & Freshening
 14% Fitting Ration
 16% Hi-Energy Breeder Mash or Pellets
 16% Hi-Energy Growing Mash or Pellets
 16% Hi-Energy Layer-Breeder Mash
 16% Hi-Energy Laying Mash or Pellets
 Hi-Energy Starter Broiler Mash or Pellets
 35% Hog Concentrate
 Horse Feed
 Laying Mash
 16% Milk Flow
 38% Pig Concentrate
 Poultry Finishing Feed
 Rabbit Pellets
 16% Summer Pasture
 Super Egg Mash or Pellets
 Turkey Growing Mash
 Turkey Starting Mash

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Laying Mash

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

Dairylea Feed Grade Dried Skim Milk

R. G. Davis & Sons, 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 Supplement 100
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
Dawnwood Farms DOTS

Decatur Milling Co., 717 No. Union St., Decatur, Ill.

HOMCO Hominy Feed

Delaware Mills Inc., Deposit, N. Y.

Delamycin
Delaware Breeder Mash
Delaware Broiler Finisher
Delaware Broiler Mash
Delaware Chick Starter
Delaware Egg Mash
Delaware Fitting Ration
Delaware Growing Mash
Delaware Horse Feed
Delaware H-E Layer & Breeder
Delaware Poultry Fitting Ration
Delaware Scratch Grains
Delaware Sweet 16% Dairy
Delaware 18% Test Ration
Delaware Turkey Developer
Delaware Turkey Fitting Ration
Delaware Turkey Grower
Delaware Turkey Starter
Indian Sweet 16% Dairy

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

44% Protein Soy Bean 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 Hi-Energy Starter-Broiler
Litsky's Sweet 16% Dairy Ration

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

Dietrich & Gambrill, Inc., So. Carroll St., Frederick, Md.
D & G Calf Grower
Gambrill's Chick Grains

Distillers Corp., Ltd., Ville LaSalle, Montreal, Quebec, Canada
Distilco Corn Distiller's Dried Grains 25% (See also Barnett & Co. Ltd., Montreal, Quebec, Canada)

Dominion Malting (Ontario) Ltd., 307 Fleet Street E., Toronto, Ontario, Canada
Dried Brewers 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, Ohio
Drackett 44% Protein Soybean Oil Meal

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.
(See also *Vitamin D Carriers*)

All-Mash Breeder
Breeder Mash
Calfsaver Tablets
Calf Starter
Calving Ration
Cashmaker
Champion
Class Leader
Darimore
Fulpail
Gee-Mix
Grasslander
Lay-Mix
Matchmaker
Milkmore
Milksaver
Pig Primer
Pork Builder
Porklets
Porkmix
Producer
Rabbettes
Suplets
Supmix
Sweepstakes
Turkey-Breeder Pellets
Turkey-Finisher Pellets
Turkey-Grower

B. A. Eckhart Milling Co., 1300 W. Carroll Ave., Chicago, Ill.
Ecko Pure Wheat Bran
Standard Middlings with Screenings

Elmore Milling Company, Inc., Oneonta, New York

Elmore Breeder Mash
 Elmore Booster Pellets
 Elmore Broiler Finisher Pellets
 Elmore Bull Feed
 Elmore Calf Grain Ration
 Elmore Chick Feed
 Elmore Chixsaver
 Elmore Complete Breeder Ration
 Elmore Complete Growing Ration
 Elmore Complete Market Egg Ration
 Elmore Complete Rabbit Ration Pellets
 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 High Antibiotic Picker-Upper Mash
 Elmore Hog Ration
 Elmore Horse Crunchies
 Elmore Horse Feed
 Elmore M.A.C. Laying Mash
 Elmore Makengrow Little Pig Ration
 Elmore Milk Grains "Sixteen"
 Elmore Milk Grains "Twenty"
 Elmore Money-Miser Dairy
 Elmore Pacemaker 16% Dairy Ration
 Elmore Pacemaker 18% Dairy Ration
 Elmore Pacemaker Fitting Ration
 Elmore Poultry Fitting Ration
 Elmore Super Broiler Ration
 Elmore Super Silage
 Elmore Test Ration 16%
 Elmore Test Ration 18%
 Elmore Turkey Breeder Mash
 Elmore Turkey Finisher (Fattener)
 Elmore Turkey Fitting Ration
 Elmore Turkey Growing Mash
 Elmore Turkey Starting Mash or Crumbles

Erie Alfalfa Mills, Inc., Erie, Michigan
Alfalfa Meal**John W. Eshelman & Sons, Lancaster, Pa.**

Conestoga 18 Dairy Feed
 Lancaster Scratch Grains
 Pennsy 16 Dairy Feed
 Pennsy Laying Mash
 Red Rose Breeder Mash
 Red Rose Broiler Finisher
 Red Rose Calf Grower
 Red Rose Calf Starter
 Red Rose 30% Cattle Supplement
 Red Rose Chick Grains
 Red Rose Complete Breeder Ration
 Red Rose Complete Growing Ration
 Red Rose Complete Laying Ration
 Red Rose 16 Dairy Feed
 Red Rose 18 Dairy Feed

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

Red Rose 32% Dairy Supplement
 Red Rose Duck Grower & Breeder
 Red Rose Fattening Mash
 Red Rose Finishing Pellets
 Red Rose Fitting Ration
 Red Rose Goat Ration
 Red Rose Ground Corn & Oats
 Red Rose Growing Mash
 Red Rose Hog Meal
 Red Rose Horse Feed
 Red Rose Intermediate Chick Grains
 Red Rose Laying Mash
 Red Rose Milk Replacer
 Red Rose Pig & Sow Meal
 Red Rose Pig Starter Pellets
 Red Rose Pigeon Feed
 Red Rose Rabbit Pellets
 Red Rose Scratch Grains
 Red Rose Starter & Grower
 Red Rose Steer Feed
 Red Rose Super Dairy Feed
 Red Rose T-C Feed
 Red Rose 14 Test-Cow Ration
 Red Rose Turkey & Broiler Fitting Feed
 Red Rose Turkey Grower
 Red Rose Turkey Starter
 S-O-S

Excelsior Milling Co., Minneapolis, Minn.

Camel Hard Wheat Mixed Feed with Screenings

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 Developer Mash or Pellets
 Farm Bureau Complete Market Egg Mash or Pellets
 Farm Bureau Dairy 20%
 Farm Bureau 16% Dairy Ration
 Farm Bureau 16% Dairy Ration "Fine"
 Farm Bureau Fitting Ration
 Farm Bureau High Energy Broiler & Starter Mash
 Farm Bureau Market Egg Mash
 Farm Bureau 14% Milking Ration

Farmers Feed Co., 375 Johnson Ave., Brooklyn 6, N. Y.

"BULL BRAND" Brewers Dried Grains

Farmers' Marketing and Supply Co., 5903 Northwest Highway, Chicago 31, Ill.

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

Fish Products Co., Lewes, Delaware

Smith's Lifeline Brand Fish Meal

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

New Amburgo Supertrate

Fishery Products, Inc., 1200 W. Ninth Street, Cleveland 13, Ohio

Monroe Brand Fish Meal

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

Flory Milling Co., Bangor, Pa.
 Flory 16% Cream-O-Milk Dairy Feed
 Flory Superior 16% Dairy Feed
 Flory Superior 14% Fitting Ration

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

Fruit Industries Inc., P. O. Box 338, Bradenton, Fla.
 Tropicana's Sweetest Dried Citrus Pulp

General Foods Corp., Corn Mill Div., N. Hobbie Ave., Kankakee, Ill.
 Burt's Hominy Feed

General Mills, Inc., 400 Second Ave. So., Minneapolis, Minn.
 Arlington Wheat Second Clear
 General Mills 44% Protein Solvent (Hexane) Extracted Soybean Oil Meal
 Gold Medal Wheat Germ Meal Type A
 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 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 Standard Middlings and Ground Wheat Screenings not Exceeding Mill Run

General Mills, Inc., Larro Div., Box 68, No. End Sta., Detroit 2, Mich.
 Larro Cadmium Hog Wormer
 Larro Chick Grains
 Larro Poultry SureHatch 38
 Larro Poultry SureHatch "H-E"
 Larro Poultry SureHatch Complete "H-E"
 Larro Scratch Grains
 Larro SureBalance 26
 Larro Sure Broiler 38
 Larro SureBroiler Finisher
 Larro SureCalf
 Larro SureCattle 32
 Larro SureChick
 Larro SureFat 1
 Larro SureGrow Complete "H-E"
 Larro SureLay Cage
 Larro SureLay "H-E"
 Larro SureLay Complete "H-E"
 Larro SureMash 38
 Larro SureMilk 14
 Larro SureMilk 16
 Larro SureMilk 20
 Larro SureMilk 32
 Larro SureMilk 33
 Larro SurePig
 Larro SurePork 35
 Larro SurePork Complete
 Larro SurePork Pasture 40
 Larro SurePoult

General Mills, Inc., Larrowe Div., Box 68, No. End Sta., Detroit 2, Mich.—Cont.

Larro SureRabbit
 Larro SureRaise
 Larro SureTurk
 Larro SureTurk Finisher Complete
 Larro SureTurk Fryer Complete
 Larro SureTurk Grower Complete
 Larro Turkey SureHatch

The Gliden 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.

Globprc Brand Fish Meal

Goldenrod Oil Meal Sales Co., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal, Prime Quality

Gooderham & Worts Ltd., Toronto, Ontario, Canada

(See *Riverside Elevator Co., Detroit, Michigan*)

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., 3 Hanover Sq., New York, N. Y.

Nurea Feed Compound

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

Grandin's Baby Chick Grains
 Grandin's Breeder Mash
 Grandin's Broiler Finisher
 Grandin's Calf Starter
 Grandin's Complete Egg Mash
 Grandin's Dry & Freshening Ration
 Grandin's 14 Fitting Ration
 Grandin's Happy Calf Milk Replacer
 Grandin's Hi-Nutro Mash
 Grandin's Hi-Pro Pellets
 Grandin's Horse Feed
 Grandin's Intermediate Chick Grains
 Grandin's Laying Mash
 Grandin's 16 Milk Maker
 Grandin's 20 Milk Maker
 Grandin's Pork Maker
 Grandin's Poultry & Turkey Fitting Ration
 Grandin's Pro Milk 16% Dairy Ration
 Grandin's Rabbit Pellets
 Grandin's Start-To-Finish Mash
 Grandin's Stim-U-Feed
 Grandin's Stock Feed
 Grandin's Super Starter & Broiler Ration
 Grandin's Ten-Hi Broiler Ration
 Grandin's 16 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 2, Minn.

Daily Egg Laying Mash
Daily Growth Fine Chick Feed
Daily Growth Chick Starter
Daily Growth Growing Mash

Great Star Flour Mills Ltd., St Marys, Ontario, Canada

Wheat Bran
Wheat Shorts

Green Acre Farms, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal

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

Haffenreffer & Co's Brewers Dried Yeast

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

Gold Flake Dairy 16
Pioneer Beef Cattle 20
Pioneer Bull Feed
Pioneer Calf Starter
Pioneer Creep & Fitting Ration
Pioneer Creep & Fitting Supplement
Pioneer 16 Dairy
Pioneer 18 Dairy
Pioneer Dairy Fitting Feed
Pioneer Dry & Freshening
Pioneer Horse Feed
Pioneer Pelleted Flaked 15 Dairy
Pioneer Pelleted Flaked Dairy Goat Feed
Pioneer Rabbit Pellets
Pioneer Sup-Pel
Red Comb All Mash Layer
Red Comb Breeder Mash
Red Comb Broiler Crate Fattener
Red Comb Broiler Finisher
Red Comb Broiler Mash
Red Comb C Flaked
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 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

Dwight Hamlin Co., Pittsburgh, Pa.

Hamlin's Dried Brewers Grains

Harper Feed Mills, Inc., Washington, Pa.

Harco Complete Calf Ration
Harco Short Feed Station Fattener Pellets

Hoham Laboratories, Inc., Auburn, Ind.

(See also *Vitamin D Carriers*)

Fashion Club "Formula 29"

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

Huss Alfalfa Mills, Inc., Martin, Ohio

17% Dehydrated Alfalfa Meal

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

Hominy Feed

Inland Mills Inc., Des Moines, Iowa

(See *H. K. Webster Co., Lawrence, Mass.*)

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 Exceed-
ing Mill Run
Target Wheat Reddog

Herman Isacs, Inc., Bridgeport 5, Conn.

Hi Test Meat Scrap

W. J. Jennison Co., 576 Grain Exchange, Minneapolis, Minn.

Sweet Cream Wheat Standard Middlings with Ground Screenings not Exceeding
Mill Run

Kellogg Company, Battle Creek, Michigan

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

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

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

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

KFS Rabbit Pellets

Keystone Dehydrators, Box 204, Nazareth, Pa.

Keystone Super Green Dehydrated Alfalfa Meal

Chas. A. Krause Milling Co., 404 E. State St., Milwaukee, Wis.

Badger Yellow Hominy Feed

Kuder Pulp Sales Co., Lake Alfred, Fla.

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

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

Lakewoods Wheat Bran
Lakewoods Wheat Shorts

L. C. Latimer, Coventry, Conn.

College 18% Dairy
College Fitting Ration
College Mash with Oil

Lauhoff Grain Co., 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 9, Ill.

Headliner Dried Citrus Pulp

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

Libner's Blue Ribbon 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

Lincoln Mills, Inc., 1203 West 23rd St., Indianapolis, Ind.

Pulverized Lincoln Oats Containing Wheat & Barley

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

Common Sense Laying Mash

Long Hill Feed Store, Long Hill, Conn.

Dried Brewers' Grains (*Mfr'd. by Molson's Brewery, Ltd., Montreal, Quebec, Canada*)
Improved Square Deal Dairy Ration

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

"LOVIT BRAND" 41% Protein Cottonseed Meal, Prime Quality

McMillen Feed Mills, Div. of Central Soya Co., Inc. & Subsidiaries, Ft. Wayne 2, Ind.

Master Blend 33% Dairy Concentrate
Master Mix All Mash Breeder
Master Mix All Mash Layer
Master Mix All Mash Pullet Grower
Master Mix Beef Concentrate
Master Mix Broiler Concentrate
Master Mix Broiler Finisher
Master Mix Calf Concentrate
Master Mix Calflac

McMillen Feed Mills, Div. of Central Soya Co., Inc. & Subsidiaries, Ft. Wayne 2, Ind.—Cont.

Master Mix Chick Concentrate
 Master Mix Complete Calf Feed
 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 EggLac Pellets
 Master Mix Egg Mash
 Master Mix Fitting Feed
 Master Mix 35% Hog Concentrate
 Master Mix Horse Feed
 Master Mix Layer Concentrate
 Master Mix Pig Concentrate
 Master Mix Pig-ets
 Master Mix Poultry Concentrate
 Master Mix Poultry Starter
 Master Mix Pullet Grower
 Master Mix Sow Concentrate
 Master Mix Sow & Pig Concentrate
 Master Mix Sweets
 Master Mix Turkey Grower
 Master Mix Turkey Grower Concentrate
 Master Mix Waylac

MHR Alfalfa Co. Inc., Ohio City, Ohio

17% Alfalfa Meal

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

Parrheim Canadian Pure Wheat Bran (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Ontario, Canada*)

Parrheim Canadian Pure Wheat Shorts (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Ontario, Canada*)

Machnicki's Grain Store, Canal St., Jewett City, Conn.

Machnicki's Hi-Energy All-Mash Layer

Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada

(*See Chas. M. Cox Co., 177 Milk St., Boston, Mass.*)

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

BB Bull Brand "16" Dairy Ration
 BB Bull Brand "20" Dairy Ration
 BB Bull Brand Dry & Fresh Cow Fitting Ration
 BB Bull Brand Fitting Ration
 BB Bull Brand 18% Special Dairy Ration
 BB Calf Grower
 BB Calf Starter & Growing Ration
 BB Chick Feed
 BB Complete Growing Ration
 BB Complete Laying Ration
 BB Complete Rabbit Feed
 BB Goat Feed
 BB Horse Feed
 BB Pig & Hog Feed
 BB MA-CO Breeder Mash
 BB MA-CO Broiler Finishing Ration
 BB MA-CO Broiler Ration
 BB MA-CO Chick Starter Ration

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

BB MA-CO Complete Breeder Ration
 BB MA-CO Complete Growing Ration
 BB MA-CO Complete Laying Ration
 BB MA-CO Complete Turkey Breeder Ration
 BB MA-CO Complete Turkey Growing Ration
 BB MA-CO Complete Turkey Starter Ration
 BB MA-CO Conditioning Mash
 BB MA-CO Egg Mash
 BB MA-CO Growing Mash
 BB MA-CO Station Fattening Pellets
 BB MA-CO Turkey Fitting Ration
 BB Starter & Broiler Ration
 Dollar \$ Maker Brand Egg Mash
 Marmico 16% Protein Dairy Feed

Meadow Brook Farms, Nazareth, Pa.*(See Reading Milling Co. Inc., Reading, Pa.)***Meech & Stoddard, Inc., 76 No. Main St., Middletown, Conn.**

Century Brewers Dried Grains (*Mfr'd. by New Century Co., Chicago, Ill.*)
 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 Antibiotic Laying Mash
 Special Balance High Efficiency Complete Growing Mash
 Special Balance High Efficiency Complete Laying Mash
 Special Balance High Efficiency Starter & Broiler Mash
 Special Balance Laying Mash
 Special Balance Starting Mash

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

MEMO Wheat Flour Middlings with Ground Wheat Screenings

The Merchants Creamery Co., Cincinnati, Ohio

Blue Ribbon Special

George J. Meyer Malt & Grain Corp., 1314 Niagara St., Buffalo, New York

Malt Sprouts

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

Miller's Choice Brand 17% Dehydrated Alfalfa Meal

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

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

Minnesota Linseed Oil Co., Minneapolis, Minn.

36% Protein Solvent Extracted Linseed Oil Meal

Minute Maid Corporation, Leesburg, Fla.
GOLDEN ISLE Citrus Pulp

Molson's Brewery Ltd., Montreal, Quebec, Canada
(See Long Hill Feed Store, Long Hill, Conn.)

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

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

Fred C. Morse & Son, Guilford, Conn.

Old Mill Calorized Broiler Finisher
Old Mill Calorized Broiler Mash
Old Mill 16% Dairy Feed
Old Mill Fitting Feed
Old Mill Growing Mash
Old Mill High-Energy Laying Mash
Old Mill Hog Feed
Old Mill Laying Mash
Old Mill Poult Starter
Old Mill Starting Mash
Old Mill Turkey Grower

Mowat, Wilson & Co., Detroit, Michigan

Dried Beet Pulp
Dried Molasses-Beet Pulp

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

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, Minn.

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

Neumond Co., 300 Merchants Exchange, St. Louis, Missouri

Neumond's 26% Brewers' Dried Grains
Neumond's Corn Distillers Dried Grains Animal & Poultry Feed
Standard's 13% Suncured Steamed Dairy Cut Alfalfa

The New Century Co., Chicago, Ill.

(See *Meech & Stoddard, Middletown, Conn.*)

Newton Concentrates, Ashby, Mass.

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

Nopco Chemical Co., Harrison, New Jersey

(See also *Vitamin D Carriers*)
Nopcay "10"
Nopdex "3000"

Northern Ohio Sugar Co., 1530 Sixteenth St., Denver, Colorado

GW Dried Beet Pulp

Ogden Grain Co., Utica, N. Y.

Ogden Aureomycin Mixture
Ogden "Biddy" Mash
Ogden Broiler Finisher Feed
Ogden Chick Feed
Ogden Complete Chick Starter
Ogden Complete Starter Grower Layer Breeder
Ogden 16% Dairy Feed
Ogden Fitting Ration
Ogden Hi-Energy Laying Mash
Ogden Hi-Energy Starter & Broiler
Ogden Horse Feed
Ogden Laying Mash
Ogden Rabbit Pellets
Ogden Scratch Grains
Ogden U T K Fitting Ration

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

Ogilvie Wheat Bran

Pabst Brewing Co., Chicago, Ill.
Pabst Hominy Feed

The Park & Pollard Co., Inc., 356 Hertel Ave., Buffalo, N. Y.
Claco Dairy Ration (*Mfr'd. for C. L. Adams Co., Woodbury, Conn.*)
Go-To-It Pig Grower
Go-To-It Pig Starter
Green Acres 14%
Hi-Prime Complete Turkey Grower
Hi-Prime Turkey Breeder
Hi-Prime Turkey Finisher
Hi-Prime Turkey Fitting Ration
Hi-Prime Turkey Grower
Hi-Prime Turkey Starter
Lay or Bust All Mash Grower
Lay or Bust All Mash Layer
Lay or Bust Broiler Finishing Mash
Lay or Bust Chick Scratch
Lay or Bust Egg Mash
Lay or Bust Fleshing Pellets
Lay or Bust Growing Feed
Lay or Bust Hi-Power Broiler Ration
Lay or Bust Hi-Power 20% Broiler Ration
Lay or Bust Hi-Valu Pellets
Lay or Bust Poultry Fitting Ration
Milk Maid Bulky Sweet Dairy
Milk Maid Calf Starter Mix
Milk Maid Calf Starter Pellets
Milk Maid 32% Dairy Mix
Milk Maid 16% Dairy Ration
Milk Maid 20% Dairy Ration
Milk Maid Dry-Fresh Ration
Milk Maid Fitting Ration
Milk Maid Goat Feed
Milk Maid Test Cow Ration
Milk Maid 14% Test Ration
Park & Pollard Broiler Ration
Park & Pollard Complete Chick Starter
Park & Pollard Complete Grower
Park & Pollard Complete Layer
Park & Pollard 16% Dairy
Park & Pollard Fitting Ration
Park & Pollard Growing Feed
Park & Pollard Laying Mash
Park & Pollard Rabbit Pellets
Park & Pollard Stock Feed
Red Ribbon 32% Dairy Mix
Red Ribbon 16% Dairy Ration
Red Ribbon 20% Dairy Ration
Yankee Horse Feed

Park & Tilford Distillers Corp., 485 Fifth Ave., New York 17, N. Y.
Pandt Corn Distillers Dried Grains
Pandt Distillers Solubles

Parrish & Heimbecker Ltd., Toronto, Ontario, Canada
(*See A. S. MacDonald Commission Co., 106 Grain & Flour Exchange, Boston, Mass.*)
Wheat Bran (*Mfr'd. by Soo Line Mills, Ltd., Winnipeg, Manitoba, Canada*)
Wheat Shorts (*Mfr'd. by Soo Line Mills, Ltd., Winnipeg, Manitoba, Canada*)

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, Missouri

Pet* Brand Dry Skimmed Milk

Phenix Foods Co., Div. of Kraft Foods, Chicago, Ill.

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

Pierce's Granary, Brooklyn, Conn.

Pierce Hi-Energy Mash
Pierce Laying Mash
Pierce Special Broiler
Pierce Special Layer
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 3%
Pillsbury's Wheat Germ Meal
Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run

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

Ruler Brand Pure Wheat Bran

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

"PACO" Molasses Distillers Dried Solubles

Purity Flour Mills Ltd., St. Boniface, Goderich, Calgary, Canada

(See Chas. M. Cox Co., Boston, Mass.)

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

Bell Cow Wheat Bran
Bell Cow Wheat Shorts
Feeding Oat Groats
Feeding Steel Cut Oat Groats
Ful-O-Pep Beef Ration Number 1
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 Complete Breeder (For Laying Hens)
Ful-O-Pep Crate Fattener
Ful-O-Pep AA 32% Dairy Concentrate
Ful-O-Pep 32% Dairy Concentrate

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

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 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 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 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 Super Greens
 Ful-O-Pep Sweet 16 Dairy Feed
 Ful-O-Pep Turkey Breeder Pellets
 Ful-O-Pep 17% Turkey Broiler Finisher Ration
 Ful-O-Pep 26% Turkey Grower
 Ful-O-Pep 20% Turkey Grower Ration
 Ful-O-Pep Turkey Finisher Pellets
 Ful-O-Pep Turkey Starter
 Ful-O-Pep Utility Egg Mash
 Muffets Shredded Wheat Feed
 Peterborough Oat Mill By-Product
 Quaker Sugared Schumacher Feed
 Victor Feeding Rolled Oats
 Vim Oat Mill By-Product
 White Hominy Feed
 Yellow Hominy Feed

**Quebec Sugar Refinery, St. Hilaire Sur Richelieu, Rouville County, P.Q.,
Canada**

Dried Beet Pulp

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

Corn & Oat Provender
 Corn Feed Meal
 Dairy Premix
 Northeastern Scratch Feed
 Northeastern Scratch Feed E (For Pullets)
 41% Protein Cottonseed Meal
 34% Protein (Expeller Process) Linseed Meal
 Purina B & M Cow Chow
 Purina Baby Pig Chow
 Purina Beef Chow
 Purina Breeder Lay Chow E
 Purina Breeder Layena (Complete Ration) E
 Purina Broiler Chow E
 Purina Broiler Chow Finisher E
 Purina Bulky Las
 Purina Calf Startena E
 Purina Chick Chow (Coarse)
 Purina Chick Chow (Fine)
 Purina Chick Growena E
 Purina Chick Growing Chow E

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

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

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

Faramel Rabbit Food Pellets
 Meadow Brook Farms Dehydrated Alfalfa Meal (*Mfr'd. by Meadow Brook Farms, Nazareth, Pa.*)

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

Torafeed Brand

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

Reliable 16% Protein Dairy Feed

Riverside Elevator Co., Detroit, Mich.

Corn Distillers' Dried Grains (*Mfr'd. by Gooderham & Worts Ltd., Toronto, Ontario, Canada*)

Corn Distillers' Dried Grains with Solubles (*Mfr'd. by Hiram Walker & Sons Ltd., Walkerville, Ontario, Canada*)

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

Rodney Milling Co., Kansas City, Missouri

Heart of America Pure Wheat Bran

Rohloff Bros., Inc., R. D., Graytown, Ohio

Dehydrated Alfalfa Meal with Animal Fat

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

Rubco Meat Bone Scrap 50%

Rubco Meat Bone Scrap 55%

Rubco Steamed Bone Meal

Russell-Miller Milling Co., P. O. Box 2111, Commerce Sta., Minneapolis 15, Minn.

Hard Wheat Occident Bran

Hard Wheat Occident Flour Middlings

Hard Wheat Occident Mixed Feed Containing Ground Wheat Screenings Not Exceeding Mill Run

Hard Wheat Occident Standard Middlings Containing Ground Wheat Screenings Not Exceeding Mill Run

Occident Wheat Germ

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

Wolf's Broiler Finisher

Wolf's Calf Ration

Wolf's Complete Hi-Eff Egg Breeder Mash

Wolf's Complete Hi-Eff Growing Mash

Wolf's Egg Mash

Wolf's Growing Mash

Wolf's Hi-Speed Starter & Broiler Ration

Wolf's Horse Feed

Wolf's Perfor Mo-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

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

Seacoast Products, Inc., Fort Miles Rd., Lewes, Delaware

Smith's Lifeline Brand Fish Meal

Joseph E. Seagram & Sons, Inc., Seventh Street Road, Louisville, Kentucky

Seagram's Corn Distillers Dried Grains 24%

Seagram's Corn Distillers Dried Grains 25%

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

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

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

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

Silmo Chemical Corp., Vineland, New Jersey

(See also *Vitamin D Carriers*)

Vit-ay 3000
 Vit-D-1500

The W. J. Small Co., Div. Archer-Daniels-Midland Co., 1200 Oak St., Kansas City 6, Missouri

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

The Smith Meal Co., Inc., Amagansett, New York

Smith's Life Line Fish 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

Soo Line Mills Ltd., Winnipeg, Man., Canada

(See *Parrish & Heimbecker, Ltd., Toronto, Ontario, Canada*)

Southern Fruit Distributors Inc., P. O. Box 671, Orlando, Fla.

Bluebird Citrus Pulp

South Windsor Grain Co., South Windsor, Conn.

(See *Unity Feeds, 177 Milk St., Boston, Mass.*)

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

Staley's 21% Corn Gluten Feed
 Staley's 41% Corn Gluten Feed
 Staley's HI-PRO-CON 50% Protein Dehulled Solvent Extracted Soybean Oil Meal
 Staley's 44% Protein Solvent Extracted Soybean Oil Meal

Standard Brands Inc., 595 Madison Ave., New York 22, N. Y.

(See also *Vitamin D Carriers*)

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

Stein, Hall & Co., Inc., 285 Madison Ave., New York, N. Y.
Locust Bean Meal

D. A. Stickell & Sons, Inc., Hagerstown, Maryland
Su-Pur Rabbit Pellets
Victor Horse Feed

Suni-Citrus Products Co., Haines City, Fla.
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
U.M.C. Wheat Bran (Pure Wheat Bran)
U.M.C. Wheat Middlings with Ground Screenings not Exceeding Mill Run

Sunshine Biscuits, Inc., Milling Div., Kansas City, Kansas
U.M.C. Wheat Bran—Pure Wheat Bran

Sweetall Manufacturing Co., Williamstown, N. Y.
Sweet Colass

Swift & Company, P. O. Box 110, Fostoria, Ohio
Swift's 41% Protein Cottonseed Meal or Pellets
Swift's 44% Protein Solvent Extracted Soybean Oil Meal or Pellets

Tennant & Hoyt Co., Marion St., Lake City, Minn.
Golden Loaf Wheat Middlings with Ground Wheat Screening not Exceeding Mill Run

The Thomaston Supply Co., Inc., Thomaston, Conn.
Thomaston 16% Dairy Ration
Thomaston 18% Dairy Ration
Thomaston Dry Stock Feed
Thomaston Egg Mash
Thomaston Growing Mash
Thomaston Starter & Broiler Mash

Topnotch Flour Mills, Seaforth, Ontario, Canada
Top Notch Wheat Bran
Top Notch Wheat Shorts

Tri Associates, Inc., 8500 Pillsbury Ave. So., Minneapolis, Minn.
Tri's Grade A Calf Milk-Replacer

Trico Feed Mills, Minden, Nebraska
17% Dehydrated Alfalfa Meal

Ultra-Life Laboratories, Inc., East St. Louis, Ill.
Ultra Brand Poul-Centrare
Ultra-Life Beef-Gro
Ultra-Life High Energy Poultry
Ultra-Life Livestock

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

Union Corn Gluten Feed

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

UCF All Mash Breeder
 UCF All Mash Grower & Layer
 UCF Breeder
 UCF Broiler Mash
 UCF Calf Starter
 UCF Calving Ration
 UCF 16% Dairy
 UCF Egg Mash
 UCF Fitting Ration
 UCF Grower
 UCF Horse Feed
 UCF Layer
 UCF Milkmaker
 UCF Mix Feed
 UCF Pig & Hog Feed
 UCF Poultry Fattening Ration
 UCF Poultry Fitting Ration
 UCF Stock Feed
 UCF 16% Super Dairy
 UCF Super Starter
 UCF Turkey Grower & Fattener
 UCF Turkey Starter

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

Paycheck 18% Dairy Ration
 Unity Booster-ettes
 Unity Breeder Mash
 Unity Bulky Mix Ration
 Unity Calving Ration
 Unity Complete Growing Mash
 Unity Complete Market Egg Mash
 Unity Complete Rabbit Pellets
 Unity Dairy & Fitting Ration
 Unity 16% Dairy Ration
 Unity 20% Dairy Ration
 Unity Growing Mash
 Unity High Energy Breeder Mash
 Unity High Energy Growing Mash
 Unity High Energy Laying Mash
 Unity Horse Feed
 Unity Improved Calf Ration
 Unity Laying Mash
 Unity Pig & Hog Ration
 Unity Poultry Fitting Ration
 Unity Scratch Feed
 Unity Tri-Way Mash
 Unity Turkey Finishing Pellets
 Unity Turkey & Game Bird Breeder Mash
 Unity Turkey & Game Bird Growing Mash
 Unity Turkey & Game Bird Super Ration
 Valley Laying Mash (*Mfr'd. by South Windsor Grain Co., So. Windsor, Conn.*)

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

Superior Cow Brand Dried Brewers Grains

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

Corn Distillers' Dried Grains with Solubles

Hiram Walker & Sons, Ltd., Walkerville, Ontario, Canada
(See *Riverside Elevator Co., Detroit, Michigan*)

The Watertown Cooperative Ass'n. Inc., 27 Depot St., Watertown, Conn.

Watertown Co-op. Broiler Mash
 Watertown Co-op. Calf Ration
 Watertown Co-op. Complete Laying Mash
 Watertown Co-op. 16% Dairy Feed
 Watertown Co-op. Growing Mash
 Watertown Co-op. Laying Mash
 Watertown Co-op. Starter Mash
 Watertown Co-op. Turkey Growing Mash

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

Blue Seal Advance Broiler
 Blue Seal All-Mash Breeder's Ration
 Blue Seal All-Mash Egg 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 Fattening Pellets
 Blue Seal Fine "16" Dairy Ration
 Blue Seal Fine "20" Dairy Ration
 Blue Seal Fitting Ration
 Blue Seal Goat Feed
 Blue Seal Growing Mash
 Blue Seal Horse Feed
 Blue Seal Pig Feed
 Blue Seal Poultry & Turkey Fitting
 Blue Seal Rabbit Pellets
 Blue Seal Standard "16" Dairy Ration
 Blue Seal Succulent Feed & Calving Ration
 Blue Seal Super All-Mash Growing Ration
 Blue Seal Super Mash
 Blue Seal Test Ration
 Blue Seal Turkey Growing
 Certainty Hard Wheat Standard Middlings with Ground Screenings Not Exceeding
 Mill Run (*Mfr'd. by Inland Mills, Inc., Des Moines, Iowa*)

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

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

Peebles' Free Choice Feed
 Peebles' M-N-C
 Peebles' Super Calf-Kit

A. C. Wetherell, Suffield, Conn.

Special Dairy Mixture No. 3

Whitmoyer Laboratories, Inc., Myerstown, Pa.

(See also Vitamin D Carriers)

Clo-Meal
 Flav-A-DEE
 Whitmoyer Quality Fish Meal 60%

Wilkins-Rogers Milling Co., Inc., 3261 K. St. N. W., Washington 7, D. C.

Washington Coarse Scratch Feed
 Washington Growing Mash
 Washington Horse Feed
 Washington Laying Mash

Wisconsin Malting Co., Milwaukee 1, Wisconsin

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

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

Big Y All-In-All Egg Ration
 Big Y All-In-All Growing Ration
 Big Y Breeder Mash
 Big Y Calf Starter & Builder
 Big Y Calving Ration
 Big Y Chick Scratch Grain
 Big Y Chlortetracycline (Aureomycin) Mixture
 Big Y Coccidiosis Control Mixture
 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 High Efficiency Grower
 Big Y Hi-Efficiency Mash
 Big Y Hi-G Dairy Ration
 Big Y Hi-G Scratch Feed
 Big Y Hog & Pig Ration
 Big Y Horse Feed
 Big Y Improved A1-Mo
 Big Y Improved Broiler Finisher
 Big Y Improved Broiler and Starter Ration
 Big Y Improved Turkey Starter & Game Bird Feed
 Big Y Intermediate Chick Grain
 Big Y Laying Mash
 Big Y 20% Laying Mash
 Big Y M & O Growing Feed
 Big Y Meat Pullet & Caponette Ration
 Big Y Poultry Fitting Ration
 Big Y Progressive Growing Feed
 Big Y Purity Dairy Ration
 Big Y Rabbit Pellets
 Big Y Scratch Feed
 Big Y Sheep & Goat Feed

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

Big Y Station Fattener Pellets
 Big Y Stock Feed
 Big Y Super Starter-Broiler Ration
 Big Y Test Cow Ration
 Big Y Turkey Breeder Mash
 Big Y Turkey Fattener
 Big Y Turkey Growing Feed
 Malt Sprouts (*Mfr'd. by Wisconsin Malling Co., Milwaukee 1, Wis.*)

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

David Small's Growing Mash (*Mfr'd. for David Small, East Hartford, Conn.*)
 David Small High Efficiency All Mash Breeder (*Mfr'd. for David Small, East Hartford, Conn.*)
 Locust Grove Breeder Mash (*Mfr'd. for Locust Grove Hatchery, Plainfield, Conn.*)
 Yieldmor One Day Station Fattener Pellets
 Yieldmor Station Fattener Pellets

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

Zausner Condensed Whole Whey

VITAMIN D CARRIERS**Astrol Products, Inc., 57-9 Commerce St., Brooklyn, N. Y.**

Dry D

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 17, N. Y.

(*See also Feeds*)

Borden's Ration-Ayd for Broilers & Turkeys
 Borden's Vampros Accessory Feed for Poultry
 Bospro Vitamin A and D Supplement
 Dry D

Commercial Solvents Corp., Peoria, Ill.

(*See also Feeds*)

C.C.F. Vitamin Feed Supplement

Consolidated Products Co., Danville, Ill.

(*See also Feeds*)

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

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

(*See also Feeds*)

Dawe's Fermentation Flavonne
 Flavonne Ribo-D
 Flavonne Ribo-D Special Blend No. 660
 Sterol D₃

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

(*See also Feeds*)

Dawnwood Farms CAF-STAR

E. I. de Pont de Nemours and Co., Wilmington, Del.

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

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

(See also Feeds)
Calfsaver Tablets

The Fox Company, 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"

Marden-Wild Corporation, Somerville, Mass.

Marden's Vitamin A & D Feeding Oil, 300D/750A per gram
Marden's Vitamin A & D Feeding Oil, 300D/1500A per gram
Marden's Vitamin A & D Feeding Oil, 300D/2250A per gram

Marine Products Co., 345 West First St., Boston, Mass.

Cod Liver Oil

McKesson & Robbins Inc., Chemical Dept., 155 East 44th St., New York, N. Y.

Peder Devold Cod Liver Oil USP Destearinated

Merck & Co., Inc., Rahway, New Jersey

No. 288 Vitamin Mixture

Myzon, Inc., 1247 W. Belmont St., Chicago, Ill.

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

Nopco Chemical Co., Harrison, New Jersey

(See also Feeds)
Nopcay "10"
Nopco XXX
Nopdex "3000"

Silmo Chemical Corp., Vineland, New Jersey

(See also Feeds)
Liverol
Silmo X
Silmo XX
Vit-ad 1500
Vit-D-150 M
Vit-D-1500

Specifide, Inc., 3555 Sutherland Ave., Indianapolis, Ind.SPECIAL VITAMIN BLEND (*Made Expressly for Machnicki Grain Store, Jewell City, Conn.*)**Standard Brands Inc., 595 Madison Ave., New York 22, N. Y.***(See also Feeds)*

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

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 1955, a total of 1,933 samples was examined. This total included official samples of commercial feeds and vitamin D carriers, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison.....	167
Check feeds, A.A. F. C. O., etc.....	19
Commercial feeding stuffs, official samples.....	906
Medicated feeds.....	8
Oat products.....	7
Miscellaneous feeds, etc., analyzed for purchasers.....	141
Pasture grass, etc., samples for Storrs Station.....	653
Vitamin D carriers, official samples.....	32
	<hr/>
	1,933

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 Stuff

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

Total number of samples.....	906
Samples deficient in:	
one item.....	104
two items.....	5
Percentage of samples meeting guaranties.....	87
Total guaranties made.....	2,705 ¹
Guaranties not met:	
protein.....	20
fat.....	86
fiber.....	7
Percentage of guaranties met.....	96

Although 31 less samples were analyzed in 1955 than in 1954, 28 more were below guaranty in one or more constituents. As has been the case for the last seven years, deficiencies in fat considerably exceeded those for

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

protein and fiber combined. This may be due to failure on the part of some feed manufacturers to take into consideration in their calculations the fact that the vegetable meal ingredients of their feeds contain less fat than they used to before solvent extraction of such meals was common, but it would appear that after so many years' warning there was no longer any excuse for persisting in this mistake.

In spite of this increase in fat deficiencies, overall compliance with guaranties must be considered very good, since 96 per cent of all guaranties were met.

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

Vitamin D Carriers

Thirty-two samples of vitamin D carriers were examined during the year. 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. Twenty-five samples, or 78 per cent, met their guaranteed potencies or were sufficiently close thereto to be passed.

During the entire 19-year period from 1937 to 1955 inclusive, 959 samples have been examined, of which 858, or 89 per cent, have been passed.

Medicated Feeds

Medicated feeds have not up to the present time been required to be registered under the feeding stuffs law, although it is expected that such registration will be called for in the future. In most years, however, the drug contents of such feeds have been checked by market surveys in which samples were taken by inspectors of the Food and Drug Commission and analyses were made by this Station; 94 such samples were reported in the 1954 Report.¹ There was no such general survey in 1955, only eight miscellaneous medicated feed samples being analyzed during this year. Analyses of these samples are given in Table 3; all samples except one were passed.

Oat Products

It has frequently been noticed when a mixed feed is examined microscopically that although "ground oats" are declared as an ingredient little of oats other than the hulls can be found in the feed. Because "meals made from whole grains when not mixed with other materials or with each other" are exempt from registration, we have not been in the habit of picking up market samples of ground oats. This year it seemed desirable to do so to check whether the quality of the oats being purchased by mixers in Connecticut could explain the microscopic observations. Four samples of materials sold as "ground oats" and one sample each of "oat feed", "oat huller feed" and "oat mill feed" were therefore obtained by the Station agent and analyzed with results as shown in Table 4. Only one sample

¹ *Conn. Agr. Expt. Sta., Bul. 592 (1955)*

failed to meet its guaranties (for both protein and fiber), but one other bore no guaranty whatever.

According to Morrison¹ whole oats contain on the average 12.0 per cent of protein, 4.6 per cent of fat and 11.0 per cent fiber, while oat hulls contain 4.5 per cent of protein, 1.3 per cent of fat and 29.7 per cent of fiber. It is obvious therefore that if a sample of ground whole oats were adulterated with oat hulls its fiber content would be higher, and its protein lower, than normal. Analysis of none of the four ground oat samples in Table 4 clearly shows such adulteration. This suggests that the explanation for the occurrence of oat hulls instead of whole oats in mixed feeds that declare "ground oats" lies not in misbranding of the ingredients the mixers purchase but in deliberate misrepresentation by the mixers themselves when they list the ingredients on the tags of their mixed feeds.

The three samples in Table 4 that were labelled as "oat feed", "oat huller feed" and "oat mill feed" are all very high in fiber and low in protein. None of the names under which they were sold is recognized by the Association of American Feed Control Officials, and consequently all are in violation of our Regulation 6. They should have been labelled "Oat Mill By-Product", which is defined as follows:²

"T-9. **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."

Miscellaneous Feeds

One hundred and forty-one unofficial samples of feed and fodder materials were examined. This total included commercial feeds carried over from stock purchased by dealers in 1954, other mixed feeds and feed ingredients analyzed at the request of purchasers and dealers, and samples of hay and silage submitted by farmers. Six special vitamin D supplements were assayed for vitamin D at the request of dealers, and 12 samples were analyzed only for drugs such as nicarbazin and sulfaquinoxaline. Fourteen feeds were examined for the Federal Correctional Institution at Danbury.

Analyses of the following samples may be of interest:

4671. *Bird Seed*. Mrs. Henry Clark, Suffield, Conn. Sunflower seed, millet seed, wheat, milo maize, flaxseed and rye present.

1858. *Chicken Waste*. Hall Bros. Hatchery, Inc., Wallingford, Conn. Water, 73.25; protein, 17.32; fat, 5.46; fiber, 0.04; nitrogen-free extract, 1.73, and ash, 2.20, per cent.

3470. *Feather Meal*. George E. Silverman Co., Norwich, Conn. Protein, 2.69; fat, 0.34; fiber, 0.15, and ash, 41.55, per cent.

3360. *Ground Day Old Chicks*. Meyer's Mink Farm, Wallingford, Conn. Water, 76.54; protein, 16.49; fat, 4.64, and fiber, 0.05, per cent.

1735. *Penicillin Mycelium with Filler Aid*. Chas. Pfizer Co., Groton, Conn. Water, 73.21; protein, 4.50; fat, 0.69; fiber, 1.25; nitrogen-free extract, 12.29, and ash, 8.06, per cent.

1769. *Terramycin Mycelium Residue*. Leo L. Lieberman, D.V.M., Waterford, Conn. Water, 5.70; protein, 24.06; fat, 11.54; fiber, 4.27; nitrogen-free extract, 12.38; and ash, 41.55, per cent.

¹ "Feeds and Feeding", 21st. Ed. (1948).

² Official Publication, Association of American Feed Control Officials Incorporated, 1956, p. 37.

As usual, a number of materials were submitted because they were suspected of having caused the illness or death of poultry or other animals. In only two cases was anything found that might have been related to the symptoms complained of: A cattle feed (2478) that was claimed to cause indigestion contained 50 per cent or more of dried citrus pulp, and a "mineral supplement" (4073) which had caused the death of cattle to whom it was fed proved to be straight urea.

Biological Specimens Examined for Poisons

One hundred and sixty-seven biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 58 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Antimony (2), antimony with lead, mercury and zinc (1), barium (3), boron (borax or boric acid) (1), copper with lead and zinc (1), cyanide (1), lead (15), lead with mercury (1), lead with sodium fluoracetate ("1080") (1), lead with zinc (3), mercury (5), nicotine (1), nitrophenide (1), sodium fluoracetate (1), strychnine (5), thallium (4) and zinc (12). As usual, the predominant poison was lead.

The two sodium fluoracetate ("Ten Eighty") samples represented a case where a dog consumed a rat bait put out by a professional exterminator in a manner that violated the law (G.S. 1600C) with respect to this poison; what made the offense even worse was that the bait used was meat. The nicotine and nitrophenide cases were both chickens: Six parts per million of nicotine were found in the liver of one chicken, and 175 p.p.m. of nitrophenide were present in the stomach contents of the other. The five samples containing strychnine involved four dogs and a meat bait; the quantities of strychnine recovered from the animals ranged from 25 to 54 milligrams (average 41 mg.), while the bait contained 29 mg. All of the thallium-poisoned animals were likewise dogs.

Check Feeds

Nine feed samples were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and 10 samples of alfalfa were analyzed for carotene in a program also sponsored by that association.

NEW ENGLAND COLLEGE CONFERENCE POULTRY RATIONS

From time to time this Station receives inquiries as to the composition of the New England College Conference poultry rations; sometimes this name is found as part of the brand name of a commercial feed. These rations have been compiled jointly by the poultry departments of the six New England land-grant colleges each year since 1930, so for any feed sold as a "New England College Conference Poultry Ration" to be properly identified its tag should not only carry this name but specify the year for which the particular formula was approved.

The responsibilities of The Connecticut Agricultural Experiment Station with regard to feeding stuffs are confined to administration of the feed law and the analysis of feeds and feed supplements; all research in animal nutrition is done at the Storrs Agricultural Experiment Station, and it is that station that has joined those of other states in devising the rations in question. For the sake of convenient reference it seemed desirable, however, to list these rations in this report. The following data on the latest (June 1955) rations were obtained through the courtesy of Dr. E. P. Singens of the Department of Poultry Science of the University of Connecticut:

All-Mash Chicken Rations

Mash Ingredients	Chick Starting & Broiler lbs.	Grower lbs.	Layer lbs.	Breeder lbs.
Ground yellow corn ^{1, 2}	1150	1050	1175	1150
Ground barley or pulverized oats ^{2, 3}.....	.....	200	100	100
Standard wheat middlings ³	100	300	200	200
Soybean oil meal (44%) ²	500	200	250	175
Fish meal (60%) ⁴	100	50	25	75
Meat and bone scrap (50%).....	.....	50	50	50
Alfalfa meal (17%) (100,000 A/lb.).....	50	75	75	75
Butyl fermentation product ⁵	40	20	7	30
Dicalcium phosphate or equivalent ⁶	24	24	32	32
Ground limestone (feeding grade).....	30	25	75	75
Dry vitamin D (1500 D/gm.).....	0.5	0.5	1.0	1.0
Iodized salt ⁴	10	10	10	10
Manganous sulphate or equivalent ⁷	0.25	0.25	0.25	0.25
Antibiotic supplement.....	8	.....	.....	.....
Vitamin B ₁₂ supplement ⁹.....	.....	.....	.....	.....
Niacin.....	18 gm.	18 gm.	18 gm.	18 gm.
Choline chloride (dry, 25%).....	2.5	.....	.....	.....
Diphenyl-p-phenylenediamine ¹⁰	0.25	.....	.....	.....
Coccidiostat ¹¹.....	.....	.....	.....	.....

Mash and Grain Rations

Feeding Ratio—Mash to Grain ¹² Mash Ingredients	Chick Starter & Broiler 1:1	Grower 2:1	Layer 2:1	Breeder 2:1
Ground yellow corn ^{1, 2}	1150	900	1000	1000
Ground barley or pulverized oats ^{2, 3}.....	.....	100	100	100
Standard wheat middlings ³	100	300	200	200
Soybean oil meal (44%) ²	500	350	350	250
Fish meal (60%) ⁴	100	50	40	100
Meat and bone scrap (50%).....	.....	75	75	75
Alfalfa meal (17%) (100,000 A/lb.).....	50	100	100	100
Butyl fermentation product ⁵	40	30	10	40
Dicalcium phosphate or equivalent ⁶	24	36	40	24
Ground limestone (feeding grade).....	30	50	65	65
Iodized salt ⁴	10	15	15	15
Dry vitamin D (1500D/gm.).....	0.5	0.7	1.5	1.5
Manganous sulphate or equivalent ⁷	0.25	0.4	0.4	0.4
Antibiotic supplement.....	8	.....	.....	.....
Vitamin B ₁₂ supplement.....	9	13	9	9
Choline chloride (dry, 25%).....	2.5	.....	.....	.....
Niacin.....	18 gm.	30 gm.	30 gm.	30 gm.
Diphenyl-p-phenylenediamine ¹⁰	0.25	.....	.....	.....
Coccidiostat ¹¹.....	.....	.....	.....	.....

Turkey Rations

Mash Ingredients	Starter ^{11, 14}	Grower ¹⁴	Grower ¹⁴	Breeder ¹⁴
Ground yellow corn	800	950	800	1000
Standard wheat middlings	100	200	200	300
Ground oats	.....	.....	.....	150
Fish meal (60%)	200	50	50	100
Meat scrap (50%)	100	.....	50	50
Soybean oil meal (44%)	650	550	680	200
Alfalfa meal (17%) (100,000 A/lb.)	60	60	60	60
Butyl fermentation product ¹⁶	40	40	50	40
Dicalcium phosphate or equivalent ⁶	8	52	40	32
Ground limestone (feeding grade)	30	40	55	55
Iodized salt ⁴	5	10	10	10
Antibiotic supplement	⁸	.....	.....	.....
Vitamin B ₁₂ supplement	⁹	.....	.....	⁹
Niacin	45 gm.	45 gm.	45 gm.	45 gm.
Choline chloride (dry, 25%)	4.0	2.0	2.0	2.0
Dry vitamin D (1500 D/gm.)	1.0	1.0	1.0	1.0
Dry vitamin A (5000 A/gm.)	1.8	1.8	1.8	1.8
Manganous sulphate or equivalent	.....	.....	.....	0.25 ⁷
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 replace an equal quantity of corn; if wheat is used, add 0.4 lb. vitamin A & D oil for each 100 lb. corn removed.
- (2) One, two or three per cent animal fat may replace equal quantity of cereal grains in the chick starter or broiler to provide still higher energy level; energy level may also be increased by substituting 450 lb. soybean meal (50%) and 50 lb. ground yellow corn for the 500 lbs. of 44% soybean meal.
- (3) On nutrient content basis barley is preferred to oats. Barley and oats or middlings, or all three, may be replaced by corn, depending on increase in energy level desired.
- (4) If high salt fish meal is used, reduce added salt by quantity supplied by the fish meal.
- (5) Twenty pounds of butyl fermentation product containing at least 250 micrograms/gm. (113.5 mg./lb.) of riboflavin plus 50 lb. dried distillers solubles, or 40 lb. dried whey plus riboflavin supplement furnishing at least 2 mg./lb. riboflavin in final ration. Vitamin concentrate containing not less than 2 gm. riboflavin and 4 gm. pantothenic acid and possibly other vitamins may replace part or all of fermentation products, making up the total weight with corn meal.
- (6) Steamed bone meal or defluorinated rock phosphate may be substituted for the dicalcium phosphate on a phosphorus basis. Raw rock phosphate containing not more than 3.5 per cent fluorine may replace half of phosphorus in grower and one-fourth in layer and breeder rations.
- (7) Seventy per cent feeding grade manganous sulphate or equivalent manganese from other sources.
- (8) One to five pounds per ton according to product used. Suggested levels per ton of finished ration are: Aureomycin, bacitracin or terramycin, 9 gm.; procaine penicillin, 2-4 gm.
- (9) Nine milligrams of Vitamin B₁₂ per ton of ration.

- (10) Used in chick starter and broiler ration at 0.0125 per cent level to prevent appearance of encephalomalacia ("crazy chick disease"). May also be added to other rations at same level to help prevent destruction of fat-soluble vitamins.
- (11) A coccidiosis-controlling drug may be used in these rations at level recommended by manufacturer.
- (12) Based on grain mixture containing 50 parts corn, 25 parts wheat and 25 parts oats.
- (13) Use concentrate contributing not less than 6 mg. of vitamin B₁₂ per ton of ration.
- (14) To be fed as *all mash* rations; feed starting ration until birds are 10 weeks old.
- (15) To be fed with grain after birds are at least 12 weeks old (60—80% mash and 20—40% grain). May be converted to finishing ration by substituting ground yellow corn for 200 lb. of the soybean oil meal; this ration may be fed after birds are 20 weeks old.
- (16) Based on product containing 250 micrograms of riboflavin per gram. Three per cent of corn distillers dried solubles may be used, and ration fortified to contain not less than 2 mg. riboflavin and 6 mg. pantothenic acid per pound.

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 1955

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)									
Acme-Evans Company, Inc., Indianapolis, Ind.									
3108	Acme Hominy	Groton: C. W. Campbell Co.	9.39	11.38	9.00	8.19	7.00	4.15	6.00
5151	Acme Wheat Standard Middlings	Danielson: Dayville Grain & Feed Co.	10.86	17.69	14.00	5.81	3.00	8.45	9.50
3114	Acme Yellow Hominy	Pawcatuck: C. W. Campbell Co.	9.40	11.75	9.00	7.07	7.00	3.47	6.00
Albers Milling Company, Los Angeles, Calif.									
3076	Albers Rabbit Family Ration	Newtown: Newtown Farm Supply Co.	8.03	20.06	16.00	2.81	2.50	13.80	18.00
4784	Calf Manna	South Norwalk: The Roodner Feed Co., Inc.	9.16	27.88	25.00	3.73	3.50	4.62	5.50
4896	Suckle	Middlefield: Middlefield Grain & Supply Co.	8.36	26.63	24.00	3.14	3.00	0.75	1.50
Allied Mills, Inc., Chicago, Ill.									
5351	Wayne Breeder Mash	Winsted: C. S. Roberts & Sons	10.86	21.88	20.00	3.22	3.00	5.20	5.50
5561	Wayne Calfnip	Plainville: Sunshine Feed Store	5.62	25.31	23.00	0.54	0.50	0.08	0.25
5562	Wayne Calf Starter	Plainville: Sunshine Feed Store	9.00	18.75	16.00	3.00	3.00	7.32	9.00
2575	Wayne 16% Dairy	Plainville: Sunshine Feed Store	10.56	18.75	16.00	3.46	3.00	7.62	9.00
5340	Wayne 26% Egg & Breeder	Cornwall Bridge: R. W. Sandmeyer	10.46	26.88	26.00	3.74	2.50	5.45	7.00
4634	Wayne Egg Mash	Plainville: Sunshine Feed Store	12.13	22.06	20.00	3.01	3.00	4.48	5.50
2577	Wayne Fitting Ration	Plainville: Sunshine Feed Store	10.12	16.75	13.00	3.79	3.00	6.66	8.50
4635	Wayne Growing Mash	Plainville: Sunshine Feed Store	11.51	23.06	20.00	2.73	2.50	4.72	6.50
5565	Wayne Horse Feed	Plainville: Sunshine Feed Store	9.74	10.25	9.00	3.63	2.50	7.40	12.00
4636	Wayne Mash Layer	Plainville: Sunshine Feed Store	10.99	21.44	20.00	3.03	3.00	6.32	7.00
5564	Wayne Pork Maker	Plainville: Sunshine Feed Store	9.28	16.75	14.00	4.25	3.00	5.61	8.00
4638	Wayne Rabbit Ration	Plainville: Sunshine Feed Store	10.65	18.13	17.00	3.43	2.00	10.00	15.00
2578	Wayne Test Cow Ration	Plainville: Sunshine Feed Store	10.17	18.63	16.00	3.44	4.00	6.88	9.00

2576	Wayne Turkey Fitting Ration	Plainville: Sunshine Feed Store	10.86	13.63	11.00	3.59	2.50	7.46	9.00
5563	Wayne Turkey Growing Mash	Plainville: Sunshine Feed Store	9.33	22.06	20.00	3.34	2.50	5.52	7.00
2579	Wayne Universal Breeder	Plainville: Sunshine Feed Store	11.19	18.75	16.00	3.53	2.50	3.90	4.50
4637	Wayne Universal Egg	Plainville: Sunshine Feed Store	11.28	18.75	16.00	3.84	2.50	3.67	4.50
5342	Wayne Universal Grower	Cornwall Bridge: R. W. Sandmeyer	10.15	18.94	16.00	3.30	2.50	4.22	4.50
American Crystal Sugar Company, Denver, Colo.									
4874	Molasses Dried Beet Pulp	Deep River: Deep River Farm Supply	11.25	9.88	8.00	0.64	0.30	15.15	20.00
5607	Plain Dried Beet Pulp	Norwich: Checkerboard Feed Store	9.34	9.38	7.50	1.06	0.03	18.90	22.50
American Maize-Products Company, New York, N. Y.									
2401	Amaizo Corn Gluten Meal	Manchester: Central Conn. Co. Op. Farmers' Assn., Inc.	8.76	46.00	41.00	1.82	1.00	2.37	6.00
4642	Cream of Corn Gluten Feed	Colchester: P. Cutler, Inc.	11.19	24.50	21.00	2.69	2.00	6.50	9.50
Archer-Daniels-Midland Company, Minneapolis, Minn.									
4489	Archer Quality 50% Protein Dehulled Solvent-Extracted Soybean Oil Meal	Manchester: Central Conn. Co. Op. Farmers' Assn., Inc.	11.99	50.94	50.00	0.69	0.50	2.15	3.00
4532	Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal	Derby: Derby Feed Store	10.66	36.25	36.00	0.54	0.50	8.97	10.00
2409	Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal	Middletown: Meech & Stoddard, Inc.	9.34	47.75	44.00	0.62	0.50	4.77	7.00
B & W Canning Company, Inc., Groveland, Fla.									
5517	B'n W Brand Dried Citrus Pulp	Torrington: Eastern States Farmers' Exchange, Inc.	8.46	6.13	6.00	3.74	5.00	8.72	13.00
Edward R. Bacon Grain Company, Boston, Mass.									
4571	Bacon's Corn Gluten Feed	Pawcatuck: C. W. Campbell Co.	8.38	23.38	23.00	2.44	2.00	7.10	10.00
E. W. Bailey & Company, Inc., Montpelier, Vt.									
4529	Bailey's Pennant Brand Calf Starter	Derby: Derby Feed Store	11.36	24.94	24.00	2.64	3.75	5.66	7.50
3674	Bailey's Pennant Brand Chick Scratch	Wallingford: A. E. Hall	12.57	11.75	9.00	1.60	2.00	1.22	4.00
2503	Bailey's Pennant Brand Laying Mash	Wallingford: A. E. Hall	11.23	20.63	20.00	3.26	3.50	5.87	7.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Barnett & Company, Ltd., Montreal, Quebec, Canada									
2411	Corn Distillers Grains.....	Middletown: Meech & Stoddard, Inc.....	5.05	27.63	25.00	10.38	8.00	8.50	12.00
The Beacon Milling Company, Inc., Cayuga, N. Y.									
4900	Auburn "14".....	Portland: Anderson Farm Supply, Inc.....	11.01	15.81	14.00	4.00	3.00	6.42	10.00
3002	Auburn "16".....	Willimantic: Beacon Grain Store	8.90	18.25	16.00	4.01	3.00	6.51	10.00
4954	Auburn "20".....	Willimantic: Beacon Grain Store	13.25	20.06	20.00	2.84	3.00	6.07	10.00
4901	Beacon "16".....	Portland: Anderson Farm Supply Inc.....	11.72	18.00	16.00	3.69	3.50	7.11	9.00
4935	Beacon "20".....	Jewett City: Machnicki's Grain Store.....	12.83	21.25	20.00	3.23	3.25	6.55	9.00
5266	Beacon Balancer Pellets.....	Southbury: H. H. Stone & Sons, Inc.....	11.01	22.75	20.00	3.85	3.00	4.07	6.00
5643	Beacon Breeders Mash.....	Willimantic: Beacon Grain Store	10.15	24.19	22.00	5.44	4.75	3.95	5.75
4810	Beacon Broiler Finisher.....	Glenbrook: Frank Policastro & Sons.....	11.82	18.00	18.00	4.18	4.00	3.37	4.75
3102	Beacon Calf Grain.....	New London: New London Grain Co.....	9.58	16.63	14.00	3.98	3.25	8.03	9.00
5269	Beacon Calf Starter.....	Southbury: H. H. Stone & Sons, Inc.....	11.83	20.50	19.00	3.51	3.50	5.27	7.00
4950	Beacon Chick Grains.....	Willimantic: Beacon Grain Store	14.11	11.44	10.00	3.79	3.00	1.61	2.50
3103	Beacon Complete Rabbit Pellets ...	New London: New London Grain Co.....	9.06	17.81	17.00	5.07	3.50	10.73	13.00
2999	Beacon Complete Starter.....	Willimantic: Beacon Grain Store	9.27	24.00	22.00	5.16	4.00	3.86	5.50
3082	Beacon Dairy Fitting.....	New London: New London Grain Co.....	9.54	14.94	14.00	3.78	3.25	8.00	9.00

5268	Beacon Duck Grower-Finisher	Southbury: H. H. Stone & Sons, Inc.	12.34	16.63	16.00	3.75	3.50	4.60	7.00	
4817	Beacon "22" Egg Mash	Danbury: Barnum Feed Store	11.13	23.06	22.00	4.94	4.75	4.02	5.75	
4949	Beacon Goat Ration	Willimantic: Beacon Grain Store	13.11	18.94	16.00	3.18	3.00	6.06	10.00	
4924	Beacon Grower All-Mash	Middletown: Conn. State Hospital	11.75	16.94	16.00	4.19	4.50	4.20	6.00	
5267	Beacon "18" Growing Mash	Southbury: H. H. Stone & Sons, Inc.	11.72	19.13	18.00	5.04	4.50	4.47	6.25	
4951	Beacon High Vitamin D ₂ Mix	Willimantic: Beacon Grain Store	13.96	12.94	10.00	2.43	2.00	9.22	12.00	
4808	Beacon Horse Feed	Glenbrook: Frank Policastro & Sons	11.43	13.81	13.00	3.43	3.00	5.67	9.00	
4809	Beacon Market Egg All-Mash	Glenbrook: Frank Policastro & Sons	11.25	20.00	17.00	4.57	4.75	3.62	5.00	
3000	Beacon Pig Starter	Willimantic: Beacon Grain Store	8.60	21.31	20.00	4.93	4.00	2.85	4.00	
2998	Beacon Poultry Fitting	Willimantic: Beacon Grain Store	11.35	12.50	11.00	2.59	3.00	4.40	7.50	
4953	Beacon "14" Test Cow Ration	Willimantic: Beacon Grain Store	12.76	16.31	14.00	3.68	4.00	6.77	9.00	
5523	Beacon "16" Test Cow Ration	Bantam: Bantam Supply Co.	8.71	17.13	16.00	4.10	4.00	6.60	9.00	
5524	Beacon "18" Test Cow Ration	Bantam: Bantam Supply Co.	9.44	21.38	18.00	4.28	4.00	6.57	9.00	
4811	Beacon Turkey & Game Bird Fitting	Glenbrook: Frank Policastro & Sons	12.42	12.13	10.00	2.59	3.00	4.47	9.00	
4902	Beacon Turkey & Game Bird Grower	Portland: Anderson Farm Supply, Inc.	10.22	26.00	24.00	4.74	4.00	4.34	6.00	
4820	Beacon Turkey Grower All-Mash	Danbury: Barnum Feed Store	11.06	21.88	20.00	3.86	3.50	4.27	5.50	
3001	Be-Co-Lass	Willimantic: Beacon Grain Store	9.47	12.69	11.00	3.17	2.00	9.92	13.00	
The Berkman Grain Company, North Franklin, Conn.										
5126	Nibco 18% Dairy Ration	North Franklin: The Berkman Grain Co.	11.57	17.81	18.00	3.92	4.00	5.85	8.00	
5127	Nibco Fitting Ration	North Franklin: The Berkman Grain Co.	12.76	12.69	14.00	3.35	4.00	6.07	8.00	
2524	Nibco High Energy Growing Mash	North Franklin: The Berkman Grain Co.	12.23	17.56	16.00	3.62	3.00	3.84	4.00	
2525	Nibco High Energy Laying Mash	North Franklin: The Berkman Grain Co.	11.24	18.13	16.00	3.73	3.00	4.05	4.00	
2526	Nibco Laying Mash with Fortified Cod Liver Oil	North Franklin: The Berkman Grain Co.	10.64	21.38	20.00	3.91	4.00	5.37	7.00	
2523	Nibco Nine Week Broiler Mash	North Franklin: The Berkman Grain Co.	12.21	18.88	18.00	3.96	4.00	2.90	3.50	
5128	Nibco Scratch Feed	North Franklin: The Berkman Grain Co.	12.86	10.06	10.00	2.83	3.00	2.85	6.50	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
The Bloomfield Farmers' Exchange, Inc., Bloomfield, Conn.									
5332	Bloomfield 16% Dairy Ration.....	Bloomfield: The Bloomfield Farmers' Exchange, Inc.	11.71	17.25	16.00	3.74	3.50	6.35	8.00
5338	Bloomfield 16% Dairy Ration.....	Bloomfield: The Bloomfield Farmers' Exchange, Inc.	10.89	18.75	16.00	4.01	3.50	6.60	8.00
The Borden Company, Special Products Division, New York, N. Y.									
5390	Borden's Dry D.....	Pawcatuck: The C. W. Campbell Co.....	9.44	41.50	35.00	4.35	2.00	5.45	6.50
5391	Flaydry Poultry Feed Supplement.	Pawcatuck: The C. W. Campbell Co.....	8.33	34.13	24.00	2.14	2.00	5.65	6.00
Borden's Soy Processing Company, Division of The Borden Co., Kankakee, Ill.									
3050	Borden's 44% Protein Solvent Extracted Soybean Oil Meal.....	Long Hill: Long Hill Feed Store.	8.71	48.56	44.00	0.76	0.50	5.57	7.00
The Brode' Corp., Memphis, Tenn.									
3267	Owl Brand 41% Prime Cottonseed Meal.....	Shelton: Wolf Savitsky & Sons, Inc.....	8.31	42.25	41.00	2.66	3.00	11.23	14.00
L. Broder & Company, Inc., Colchester, Conn.									
4758	L. B. 16% Dairy Ration.....	Colchester: L. Broder & Co.....	13.82	15.63	16.00	2.69	3.50	5.85	8.00
Brooklawn Grain & Feed Company, Bridgeport, Conn.									
2699	Brooklawn Egg Mash.....	Bridgeport: Brooklawn Grain & Feed Co.....	9.97	18.81	12.00	3.13	4.00	6.30	6.00
2687	Brooklawn Sweet Mix.....	Bridgeport: Brooklawn Grain & Feed Co.....	8.50	16.81	16.00	3.37	3.50	10.25	8.50

Camden Grain Company, Camden, N. J.

4530	Camden Brand Dried Brewers Grains	Derby: Derby Feed Store	9.26	23.25	24.00	4.23	6.00	13.22	17.00
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Camp Milling Company, Inc., Walton, N. Y.

5520	Camp's Growing Mash	Thomaston: Thomaston Supply Co., Inc.	9.11	21.88	20.00	3.22	3.00	5.77	7.00
5366	Hurlburt's Empire Rabbit Pellets ..	Putnam: Putnam Farmers' Co- Op. Assn., Inc.	9.50	17.06	16.00	3.64	3.00	13.67	20.00

The C. W. Campbell Company, Westerly, R. I.

5392	Alfalfa	Pawcatuck: The C. W. Campbell Co.	10.16	10.44	10.00	2.85	2.00	11.40	16.00
5394	Best Pig & Hog Ration	Pawcatuck: The C. W. Campbell Co.	9.69	21.25	15.00	3.63	4.00	6.70	8.00
3107	Camco Horse Feed	Groton: The C. W. Campbell Co. Pawcatuck: The C. W. Campbell Co.	10.07	11.25	10.00	4.49	3.00	6.26	10.00
4574	16% Coarse Dairy Ration	Pawcatuck: The C. W. Campbell Co.	10.64	19.50	16.00	3.21	3.00	4.40	8.00
3226	14% Dairy Ration	Mystic: The C. W. Campbell Co. Pawcatuck: The C. W. Campbell Co.	12.08	17.38	14.00	4.14	4.00	5.92	9.00
3110	16% Dairy Ration	Pawcatuck: The C. W. Campbell Co.	9.41	19.75	16.00	3.38	3.00	5.40	8.00
3222	Economical Stock Feed	Pawcatuck: The C. W. Campbell Co.	6.11	8.63	7.00	2.07	1.00	16.52	19.00
3224	Egg-O-Chick Starter & Broiler Ration	Pawcatuck: The C. W. Campbell Co.	11.33	21.38	20.00	3.91	4.00	5.47	7.50
4576	Egg-O Complete Layer	Pawcatuck: The C. W. Campbell Co.	11.16	17.88	16.00	3.81	3.50	3.60	4.50
5395	Egg-O Grower	Pawcatuck: The C. W. Campbell Co.	9.76	22.06	20.00	3.90	3.50	4.80	6.00
3225	Egg-O Laying Mash	Mystic: The C. W. Campbell Co. Pawcatuck: The C. W. Campbell Co.	10.96	21.75	20.00	4.01	3.50	4.22	6.00
4575	Egg-O Special Broiler	Pawcatuck: The C. W. Campbell Co.	10.54	22.75	20.00	3.71	3.50	3.96	5.00
3221	12% Fitting Ration	Pawcatuck: The C. W. Campbell Co.	13.10	14.63	12.00	3.43	3.00	6.07	9.00
5393	Sheep & Goat Feed	Pawcatuck: The C. W. Campbell Co.	9.09	17.31	15.00	3.43	3.00	5.20	9.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moisture	Found	Guaranteed less than	Found	Guaranteed less than	Found	Guaranteed not more than
				Pounds per hundred (or per cent)					
	The Canada Starch Company, Ltd., Montreal, Quebec, Canada								
5539	Edwardsburg Brand 23% Corn Gluten Feed	Bridgeport: Brooklawn Grain & Feed Co.	7.51	25.88	23.00	2.92	2.50	8.02	10.00
	The A. B. Caple Company, Toledo, Ohio								
5602	Alfalfa Stem Meal	Norwich: The Yantic Grain & Products Co.	7.47	14.38	9.00	1.54	0.80	31.17	40.00
	Carling Brewing Company, Cleveland, Ohio								
5335	Carling Dried Brewers Grains	Bloomfield: Bloomfield Farmers' Exchange, Inc.	8.40	28.69	26.00	6.07	5.00	7.02	15.00
	Cargill, Incorporated, Minneapolis, Minn.								
4777	Cargill, Inc. 36% Protein Solvent Extracted Linsed Oil Meal	Norwalk: The Libner Grain Co.	11.00	37.13	36.00	1.22	0.50	7.30	9.50
5612	Cargill, Inc. 44% Protein Solvent Extracted Soybean Oil Meal	Colchester: P. Cutler, Inc.	9.34	46.50	44.00	1.15	0.50	6.04	7.00
	Central Conn. Co-Op Farmers' Assn. Inc., Manchester, Conn.								
5587	Honest Brand Breeder Mash	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	10.65	21.25	20.00	4.66	4.00	4.35	7.50
2404	Honest Brand Complete Ration	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	10.71	17.31	15.00	3.77	3.00	3.65	4.00
3040	Honest Brand Complete Ration	Warehouse Point: Gerish Grain Co.	10.41	18.13	15.00	2.63	3.00	3.12	4.00
2402	Honest Brand 16% Dairy	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	9.71	19.81	16.00	3.18	3.50	6.82	9.00
2403	Honest Brand Growing Mash	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	9.51	20.44	20.00	4.12	3.50	5.62	8.50

4492	Honest Brand Laying Mash	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	13.19	20.94	20.00	3.04	3.00	3.82	8.00
4491	Nu Weigh Hi Broiler Finisher	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	12.91	21.25	18.00	3.57	2.00	3.52	6.50
Central Soya Company, Inc., Fort Wayne, Ind.									
2556	Central 4-44	Canaan: Community Service Inc.	11.03	46.38	44.00	5.37	4.00	4.92	6.50
4759	Central Star 44% Solvent Extracted Soybean Oil Meal	Colchester: L. Broder & Co.	11.53	45.88	44.00	0.84	0.50	5.50	7.00
S. J. Cherry & Sons, Ltd., Preston, Ontario, Canada									
5172	Wheat Bran	Danielson: United Co-Op Farmers, Inc.	10.68	14.06	14.00	3.64	3.50	9.12	11.50
4537	Wheat Shorts	Shelton: Wolf Savitsky & Sons, Inc.	12.19	14.69	15.00	3.69	5.00	3.07	8.00
Clinton Foods Inc., Clinton, Iowa									
2501	Clinton Corn Gluten Meal	Wallingford: A. E. Hall	9.46	43.94	41.00	3.38	1.00	3.80	6.00
Clyde Milling Corp., Clyde, N. Y.									
5581	Clyde Complete Calf Starter	South Coventry: L. C. Latimer	9.02	19.63	19.00	3.48	3.50	6.12	7.50
5578	Clyde Complete Laying Mash	South Coventry: L. C. Latimer	9.60	16.00	16.00	4.06	3.50	3.40	5.50
5584	Clyde Complete Rabbit Pellets	South Coventry: L. C. Latimer	9.72	15.38	15.00	4.06	3.00	9.50	12.00
4486	Clyde Complete Turkey Grower	Manchester: Little & McKinney Grain Co.	11.98	18.50	18.00	4.11	3.50	3.47	5.50
5579	Clyde Crate Fattener Pellets	South Coventry: L. C. Latimer	9.19	13.44	10.00	3.37	3.00	6.32	8.00
3020	Clyde Dry & Freshening Ration	South Coventry: L. C. Latimer	8.19	15.19	14.00	3.41	3.50	8.64	8.50
5575	Clyde H-E Broiler Ration	South Coventry: L. C. Latimer	9.66	21.00	21.00	4.88	3.50	3.47	4.00
3024	Clyde Hi-Po	South Coventry: L. C. Latimer	7.71	26.50	25.00	3.04	3.50	4.62	6.00
2993	Clyde Horse Feed	Eastford: William S. Warren & Son	10.00	14.81	10.00	3.10	2.50	6.96	10.00
3019	Clyde Meat Bird Finisher	South Coventry: L. C. Latimer	8.49	19.69	18.00	4.11	3.50	4.80	6.00
3022	Clyde Market Egg Mash	South Coventry: L. C. Latimer	8.01	22.06	20.00	3.59	3.00	5.06	6.00
5580	Clyde Milky Las 15 Dairy Ration	South Coventry: L. C. Latimer	8.59	16.63	15.00	3.62	3.50	8.92	12.00
2892	Clyde New England 16 Dairy Ration	Manchester: Little & McKinney Grain Co.	8.18	18.50	16.00	3.55	3.50	9.94	10.00
2895	Clyde Special Complete Growing Mash	Manchester: Little & McKinney Grain Co.	9.38	19.25	16.00	3.31	3.50	5.25	6.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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
Clyde Milling Corp., Clyde, N. Y.—Cont.									
4437	Clyde Special Complete Laying Mash	Manchester: Little & McKinney Grain Co.	12.49	16.44	16.00	4.48	3.50	4.08	6.00
301E	Clyde Test Cow 16	South Coventry: L. C. Latimer	8.00	17.13	16.00	3.76	4.00	8.01	8.50
2898	Clyde Turkey Grower	Manchester: Little & McKinney Grain Co.	7.00	23.13	22.00	3.24	3.50	5.07	5.50
3021	Corn Distillers Dried Grains	South Coventry: L. C. Latimer	7.57	28.50	26.00	7.39	7.00	8.10	8.00
3016	Corn Gluten Feed	South Coventry: L. C. Latimer	8.50	25.38	21.00	1.88	1.00	7.07	10.00
2893	Dried Apple Pomace	Manchester: Little & McKinney Grain Co.	7.44	6.25	5.00	4.97	3.50	17.41	19.00
5576	Dried Apple Pomace	South Coventry: L. C. Latimer	5.60	6.25	5.00	5.50	3.50	11.87	19.00
3017	Hominy Feed	South Coventry: L. C. Latimer	7.81	15.00	11.00	7.14	5.00	4.55	6.00
2894	Little & McKinney Egg Mash	Manchester: Little & McKinney Grain Co.	9.40	22.25	20.00	3.33	3.00	5.00	6.00
2896	Little & McKinney Meat Bird Finisher	Manchester: Little & McKinney Grain Co.	9.42	21.06	18.00	3.57	3.50	4.11	6.00
3015	Soybean Oil Meal — Solvent Extracted	South Coventry: L. C. Latimer	8.51	47.56	44.00	0.96	0.50	4.95	7.00
2994	Warren's Dairy Fitting Ration	Eastford: William S. Warren & Son	9.12	16.19	12.00	3.69	3.00	10.14	10.00
2995	Warren's 16 Dairy Ration	Eastford: William S. Warren & Son	8.59	17.88	16.00	3.90	3.00	10.01	11.00
5142	Warren's Laying Mash	Eastford: William S. Warren & Son	11.41	21.06	20.00	3.59	3.00	6.26	7.00
2891	Wheat Bran	Manchester: Little & McKinney Grain Co.	10.11	17.19	15.00	4.14	3.50	9.22	10.00
5582	Wheat Standard Middlings	South Coventry: L. C. Latimer	9.72	18.75	16.00	5.00	4.00	7.40	8.00

Coatsworth and Cooper Ltd., Toronto, Ontario, Canada									
5629	C & C Wheat Shorts.....	Seymour: Seymour Grain & Coal Co.....	10.00	17.75	16.00	5.54	5.00	6.15	8.00
Colby Co-operative Starch Co., Caribou, Maine									
4762	Co-Star Dried Potato Pulp.....	Colchester: Einhorn's Grain Store.....	12.35	8.25	7.00	0.44	0.30	6.75	7.00
Commercial Solvents Corp., Terre Haute, Ind.									
5603	B-Y-Basic Dried Grain & Cane Syrup Fermentation Solubles (Butyl).....	Norwich: The Yantic Grain & Products Co.....	3.33	23.63	25.00	1.32	1.00	5.66	10.00
2483	B-Y-100 Dried Grain & Cane Syrup Fermentation Solubles.....	Seymour: Seymour Grain & Coal Co.....	4.47	28.75	25.00	2.61	1.00	4.80	10.00
4488	C.C.F. Vitamin Feed Supplement..	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.....	5.24	24.38	25.00	1.39	1.00	7.30	10.00
Community Service, Inc., Canaan, Conn.									
2559	Community Service 16% Dairy Ration.....	Canaan: Community Service, Inc.....	12.87	15.13	16.00	4.26	3.50	7.21	10.00
5345	Community Service 18% Dairy Ration.....	Lakeville: Community Service, Inc.....	11.06	17.25	18.00	3.73	4.00	7.32	10.00
2558	Community Service 20% Dairy Ration.....	Canaan: Community Service, Inc.....	11.82	18.25	20.00	5.01	4.00	7.06	10.00
2560	Community Service Fitting Ration.	Canaan: Community Service, Inc.....	12.55	15.81	14.00	4.69	3.50	7.05	9.00
5343	Community Service Growing Mash.	Lakeville: Community Service, Inc.....	11.31	20.88	18.00	3.28	4.00	5.20	6.50
5346	Community Service Laying Mash..	Canaan: Community Service, Inc.....	11.06	21.38	18.00	3.73	3.50	5.15	6.50
Consolidated Products Company, Danville, Ill.									
4578	Consolidated's Roller Dried Whole Whey.....	Norwich: The Yantic Grain & Products Co.....	4.61	12.00	12.00	1.38	0.50	....	....
3230	New Semi-Solid "E" Emulsion Self-Feeding Package.....	Norwich: Checkerboard Feed Store.....	51.93	9.13	9.00	1.70	2.00	0.20	0.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Consolidated Rendering Company, Boston, Mass.									
4611	Corenco Feeding Bone Meal	Middletown: Meech & Stoddard Inc.	4.66	15.25	10.00	.....	.....	.....	.....
2494	Corenco 47% Meat & Bone Scrap. .	Watertown: The Watertown Co-Op. Assn., Inc.	7.26	50.00	47.00	7.41	6.00	.....	.....
Continental Distilling Corp., Philadelphia, Pa.									
2405	Dried Corn Distillers Solubles	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	7.37	32.94	28.00	5.21	8.00	1.37	5.00
Corn Products Refining Company, New York, N. Y.									
3052	Buffalo Brand 21% Protein Corn Gluten Feed	Long Hill: Long Hill Feed Store	7.96	24.31	21.00	1.19	1.00	8.20	10.00
3249	Diamond Brand Corn Gluten Meal.	Jewett City: Machnicki's Grain Store	9.16	46.69	41.00	2.76	1.00	3.60	6.00
C. A. Cowles, Inc., Plantsville, Conn.									
2569	Blue C Complete Laying Mash	Plantsville: C. A. Cowles, Inc. . .	11.62	18.25	16.00	4.24	3.50	3.72	5.50
3041	Blue C 16% Dairy Ration	Warehouse Point: Gerish Grain Co.	8.61	18.75	16.00	4.85	3.00	8.42	9.00
4630	Blue C 20% Dairy Ration	Plantsville: C. A. Cowles, Inc. . .	12.00	19.13	20.00	3.48	3.00	6.27	10.00
5265	Blue C Feed 16% Complete Grower	Vernon: Farmer's Milling Co., Inc.	11.06	20.19	16.00	4.01	3.50	5.87	6.50
2564	Blue C Fitting Ration	Plantsville: C. A. Cowles, Inc. . .	11.41	15.63	14.00	3.90	3.00	8.40	9.00
5195	Blue C Growing Mash	Bristol: C. A. Cowles, Inc.	8.70	21.25	20.00	3.53	3.00	6.30	7.50
3042	Blue C Hcg & Pig Feed	Warehouse Point: Gerish Grain Co.	9.15	16.00	16.00	5.37	3.00	7.92	8.00
4622	Blue C Horse Feed with Molasses . .	Plantsville: C. A. Cowles, Inc. . .	13.06	11.61	10.00	3.76	3.00	5.00	10.00

4616	Blue C Laying Mash	Plantsville: C. A. Cowles, Inc.	11.86	20.75	20.00	3.88	3.00	5.60	7.50
5571	Blue C Plantsville Dairy Ration	Plantsville: C. A. Cowles, Inc.	8.21	18.38	18.00	3.30	3.00	10.12	12.00
4619	Blue C Rabbit Pellets	Plantsville: C. A. Cowles, Inc.	11.06	14.44	15.00	4.15	3.00	9.86	15.00
5193	Blue C Sheep & Goat Ration	Bristol: C. A. Cowles, Inc.	10.50	10.75	15.00	4.03	3.00	5.20	7.00
5569	Blue C Starting Mash	Plantsville: C. A. Cowles, Inc.	8.33	23.50	20.00	4.31	3.50	4.88	6.00
5570	Blue C Super 16% Coarse Dairy Ration	Plantsville: C. A. Cowles, Inc.	9.04	15.69	16.00	3.91	3.00	6.67	9.00
2563	Blue C Super 16% Dairy Ration	Plantsville: C. A. Cowles, Inc.	12.34	17.00	16.00	4.43	3.50	6.37	7.00
4617	Blue C Turkey Growing Mash	Plantsville: C. A. Cowles, Inc.	11.76	20.88	20.00	3.12	3.00	5.33	7.50
4618	Blue C Turkey Starting Mash	Plantsville: C. A. Cowles, Inc.	11.21	28.13	24.00	3.79	5.00	4.60	8.00
2570	Elco Laying Mash	Plantsville: C. A. Cowles, Inc.	12.27	20.00	20.00	3.96	3.00	4.10	7.20
3039	Red C Laying Mash	Warehouse Point: Gerish Grain Co.	9.44	17.00	16.00	3.65	3.00	5.55	8.50
Chas. M. Cox Co., Boston, Mass.									
3235	Wirthmore Baby Chick Scratch	Baltic: Western Grain Co.	12.41	11.75	10.00	2.67	2.50	1.60	3.50
5131	Wirthmore Baby Chick Scratch	Willimantic: Willimantic Grain Co.	12.88	10.50	10.00	2.51	2.50	2.02	3.50
4897	Wirthmore Breeder Mash	Middlefield: Middlefield Grain & Supply Co.	11.58	21.88	20.00	4.68	3.50	3.90	5.50
5560	Wirthmore Calf Starter Meal	Kensington: A. S. Labieniec	9.26	25.00	22.00	3.02	3.50	5.25	7.00
3259	Wirthmore Calving Ration	New Haven: R. G. Davis & Sons	10.77	15.81	14.00	5.22	3.50	7.55	10.00
3047	Wirthmore Challenger Coarse 14 Dairy Ration	Stafford Springs: Valley Grain Co.	9.11	16.31	14.00	4.12	3.00	9.05	12.00
5043	Wirthmore Challenger Coarse 16 Dairy Ration	New Milford: Soule Grain Co.	9.31	16.75	16.00	3.33	3.00	7.97	12.00
4925	Wirthmore Challenger 16 Dairy Ration	Fitchville: Wirthmore Feed Co.	12.68	18.19	16.00	3.51	3.00	6.87	10.00
3069	Wirthmore Coarse Test Ration	Stepney: Wirthmore Grain & Coal Co.	8.97	18.75	16.00	4.95	4.00	7.69	9.00
5130	Wirthmore Complete Breeder Ration	Willimantic: Willimantic Grain Co.	11.61	17.13	15.00	4.21	3.50	4.97	6.00
4812	Wirthmore Complete Chick Starter Ration	Glenbrook: Frank Policastro & Sons	11.77	22.06	20.00	3.99	3.50	3.97	5.00
3068	Wirthmore Complete Egg Ration	Stepney: Wirthmore Grain & Coal Co.	9.77	16.75	15.00	4.34	3.50	4.77	6.00
4873	Wirthmore Complete Growing Ration	Clinton: Clinton Grain Co.	12.29	16.88	15.00	4.25	3.50	3.90	6.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Chas. M. Cox Co., Boston, Mass.—Cont.									
5018	Wirthmore Complete Turkey Grow- ing Ration.....	Cheshire: Center Grain Co.....	11.74	20.44	18.00	4.74	3.50	3.70	5.50
5153	Wirthmore 16 Dairy Ration.....	Danielson: Dayville Grain & Feed Co.....	11.64	18.75	16.00	4.58	3.50	7.40	9.00
5035	Wirthmore 20 Dairy Ration.....	New Haven: R. G. Davis & Sons	11.14	21.88	20.00	3.24	3.50	7.14	9.00
5450	Wirthmore 32 Dairy Supplement...	Torrington: Litchfield County Co-Op Assn. Inc.....	9.20	35.50	32.00	3.08	3.00	6.50	8.00
4926	Wirthmore Fattening Pellets.....	Fitchville: Wirthmore Feed Co..	11.74	20.94	17.50	4.21	3.50	3.80	4.50
2712	Wirthmore 14 Fitting Ration.....	Milford: Milford Grain Co.....	10.98	15.00	14.00	3.53	3.50	7.25	9.00
4871	Wirthmore Fodder Greens.....	Clinton: Clinton Grain Co.....	11.42	11.50	9.00	2.32	2.00	15.90	18.00
4598	Wirthmore Green Mountain 16 Dairy Ration.....	Middlefield: Middlefield Grain & Supply Co.....	11.28	19.50	16.00	3.12	3.00	7.25	9.00
4872	Wirthmore Growing Mash.....	Clinton: Clinton Grain Co.....	12.14	21.88	20.00	3.79	3.50	4.16	5.50
5559	Wirthmore Hi-Ener-G 16.....	Kensington: A. S. Labieniec.....	9.51	18.00	16.00	4.04	3.50	3.52	4.50
4761	Wirthmore Hi-Ener-G Breeder.....	Colchester: L. Broder & Co.....	12.57	19.13	16.00	4.64	3.50	3.72	4.50
4837	Wirthmore Hi-Ener-G Grower.....	Danbury: Benjamin Grain Co..	9.51	17.75	16.00	3.71	3.50	3.52	4.50
2679	Wirthmore Hi-Ener-G Layer.....	Branford: S. V. Osborn, Est.....	11.19	17.00	16.00	4.26	3.50	3.31	4.50
5557	Wirthmore Hi-Gro-Lay Pellets.....	Kensington: A. S. Labieniec.....	9.09	23.75	20.00	3.98	3.50	3.90	5.50
4904	Wirthmore Hog Grower.....	Pertland: Anderson Farm Supply Inc.....	10.51	17.13	15.00	5.01	4.00	5.36	6.00
3044	Wirthmore Horse Feed.....	Hazardville: Amos D. Bridges' Sons Inc.....	10.16	11.13	10.00	3.98	3.25	7.30	9.00
3236	Wirthmore Improved Hi-Ener-G Starter & Broiler Ration.....	Baltic: Western Grain Co.....	11.41	22.75	20.00	3.89	4.00	2.67	4.00
4895	Wirthmore Intermediate Scratch...	Middlefield: Middlefield Grain & Supply Co.....	12.76	9.75	9.50	2.57	2.50	3.10	4.00
2681	Wirthmore Laying Mash.....	Branford: S. V. Osborn, Est.....	9.47	21.50	20.00	4.79	3.50	3.40	5.50

3043	Wirthmore Mornin' Call Scratch . . .	Hazardville: Amos D. Bridges' Sons Inc.	11.76	12.25	9.50	3.13	2.50	4.30	4.00
5279	Wirthmore Pig & Sow Feed	Plainfield: Dayville Grain & Feed Co.	11.66	19.63	17.00	3.84	3.50	5.07	8.00
4760	Wirthmore Poultry Fitting Ration . .	Colchester: L. Broder & Co.	13.68	12.88	11.50	3.05	2.50	4.30	7.00
5019	Wirthmore Poultry Flush	Cheshire: Center Grain Co.	10.14	18.13	15.00	3.23	2.50	3.75	6.00
4757	Wirthmore Production Scratch	Colchester: L. Broder & Co.	14.00	10.81	9.50	3.33	2.50	2.61	4.00
3048	Wirthmore Rabbit Pellets	Stafford Springs: Valley Grain Co.	8.57	18.75	17.00	4.21	3.50	9.00	12.00
3045	Wirthmore 16 Record Ration	Hazardville: Amos D. Bridges' Sons Inc.	9.12	17.94	16.00	3.31	3.50	8.42	9.00
5042	Wirthmore 18 Record Ration	New Milford: Soule Grain Co.	9.06	20.13	18.00	3.79	3.50	6.92	9.00
5034	Wirthmore Sheep & Goat Ration . . .	New Haven: R. G. Davis & Sons	11.16	18.94	16.00	3.86	3.50	7.29	9.00
5045	Wirthmore Stock Feed	New Milford: Soule Grain Co.	9.66	10.00	10.00	3.46	3.00	9.88	11.00
4836	Wirthmore Super Pellets	Danbury: Benjamin Grain Co.	11.41	21.88	20.00	4.09	3.50	3.72	5.50
5036	Wirthmore Turkey Breeder Ration . .	New Haven: R. G. Davis & Sons	9.40	25.94	24.00	2.83	3.50	5.94	7.00
5132	Wirthmore Turkey Fattening Ration .	Willimantic: Willimantic Grain Co.	11.15	18.06	16.00	4.38	3.50	2.99	6.50
4838	Wirthmore Turkey Growing Ration .	Danbury: Benjamin Grain Co.	11.47	23.31	23.00	3.63	3.50	4.30	6.50
4927	Wirthmore Twin Mix Calf Ration . . .	Fitchville: Wirthmore Feed Co.	12.89	18.50	17.00	3.38	3.00	5.82	8.00
Crawford Brothers, Inc., Walton, N. Y.									
2997	Complete Chick Starter	Eastford: William S. Warren & Son	9.62	20.44	20.00	3.73	4.00	6.73	6.50
5026	Complete Egg Mash	New Britain: The Hugh Reynolds Grain & Feed Co.	9.62	18.94	15.00	2.83	4.00	5.30	6.00
5140	Complete Growing Mash	Eastford: William S. Warren & Son	10.60	19.38	15.00	4.00	4.00	6.52	6.00
5021	20% Dairy Ration	New Britain: The Hugh Reynolds Grain & Feed Co.	10.51	21.19	20.00	3.42	3.50	7.25	10.00
5025	14% Dry & Freshening	New Britain: The Hugh Reynolds Grain & Feed Co.	10.46	17.31	14.00	2.73	3.50	9.30	10.00
5146	14% Fitting Ration	Eastford: William S. Warren & Son	11.93	16.88	14.00	2.98	3.50	9.34	11.00
5147	Hi-Energy Starter Broiler Mash	Eastford: William S. Warren & Son	11.16	19.75	20.00	4.29	4.00	3.73	4.00
5020	Horse Feed	New Britain: The Hugh Reynolds Grain & Feed Co.	11.01	10.69	9.00	3.34	3.00	8.87	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Crawford Brothers, Inc., Walton, N. Y.—Cont.									
2996	Laying Mash	Eastford: William S. Warren & Son	8.74	20.63	20.00	5.17	3.50	7.75	7.50
5144	16% Milk Flow	Eastford: William S. Warren & Son	11.76	17.50	16.00	3.16	3.75	6.68	10.00
5143	Poultry Finishing Feed	Eastford: William S. Warren & Son	9.10	15.63	12.00	3.66	3.50	4.94	5.50
5024	Rabbit Pellets	New Britain: The Hugh Reynolds Grain & Feed Co.	9.85	19.13	16.00	3.49	3.00	11.87	17.00
5145	16% Summer Pasture	Eastford: William S. Warren & Son	13.06	18.94	16.00	2.94	3.50	5.24	12.00
5023	Turkey Growing Mash	New Britain: The Hugh Reynolds Grain & Feed Co.	10.24	19.25	18.00	2.54	3.50	6.05	8.50
P. Cutler, Inc., Colchester, Conn.									
5613	Prosperity Dairy Ration	Colchester: P. Cutler, Inc.	11.86	16.00	16.00	3.75	3.75	6.95	10.00
4749	Prosperity Laying Mash	Colchester: P. Cutler, Inc.	10.89	20.00	17.00	5.33	3.50	5.67	10.00
Dairymen's League Co-operative Assn., Inc., New York, N. Y.									
4775	Dairylea Feed Grade Dried Skim Milk	Norwalk: The Libner Grain Co.	3.96	33.44	33.00	1.02	0.50	....	....
R. G. Davis & Sons, New Haven, Conn.									
2711	Davis 16% Dairy Feed	Milford: Milford Grain Co.	9.05	17.00	16.00	3.92	3.50	8.22	11.00
2710	Davis Egg Mash	Milford: Milford Grain Co.	9.15	22.06	20.00	3.50	2.50	6.00	7.00
3256	Davis Horse Feed	New Haven: R. G. Davis & Sons.	12.05	9.38	9.00	3.00	2.00	5.70	10.00
3255	New England College Conference Grow	New Haven: R. G. Davis & Sons.	10.52	19.25	17.90	4.53	3.90	3.40	5.90

Dawe's Laboratories, Inc., Chicago, Ill

3667	Dawe's Fermentation Supplement 100	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	6.54	27.00	27.00	5.62	0.50	5.36	8.00
2412	Flavonne Ribo-D	Middletown: Meech & Stoddard, Inc.	8.56	33.50	31.00	3.36	1.00	4.76	7.00
4862	Flavonne Ribo-D Special Blend 660	Guilford: Fred C. Morse & Son.	12.05	37.06	31.00	1.93	1.00	5.47	7.00

Dawnwood Farms, Amenia, N. Y.

3077	Dawnwood Farms Caf-Star	Newtown: Newtown Farm Supply Co.	8.50	29.81	26.00	3.91	3.00	1.75	3.00
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Delaware Mills Inc., Deposit, N. Y.

5614	Delaware Fitting Ration	Colchester: P. Cutler, Inc.	10.10	16.44	14.00	3.60	3.00	8.22	11.00
5616	Delaware Horse Feed	Colchester: P. Cutler, Inc.	12.07	10.75	9.00	2.79	2.00	4.74	11.00
4643	Delaware Sweet 16% Dairy	Colchester: P. Cutler, Inc.	13.10	17.13	16.00	3.47	3.50	8.33	11.00

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

2406	44% Protein Soy Bean Oil Meal (Solvent Extracted)	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	9.56	46.25	44.00	0.92	0.50	5.57	7.00
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Derby Feed Store, Derby, Conn.

2416	Litsky's Hi-Energy All Mash Grower	Derby: Derby Feed Store	9.75	17.50	16.00	4.21	3.50	3.89	4.00
2479	Litsky's Hi-Energy All Mash Layer	Derby: Derby Feed Store	10.00	18.63	16.00	4.02	3.50	3.52	4.00
3260	Litsky's Hi-Energy Layer	Derby: Derby Feed Store	9.65	21.38	20.00	3.53	3.25	4.05	4.50
4528	Litsky's Hi-Energy Starter-Broiler	Derby: Derby Feed Store	11.69	21.13	20.00	3.37	3.50	3.42	4.00
4533	Litsky's Sweet 16% Dairy Ration	Derby: Derby Feed Store	12.81	20.88	16.00	2.83	3.50	6.52	12.00

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

3248	Wheat Shorts	Jewett City: Machnicki's Grain Store	10.91	18.63	14.00	5.31	5.00	6.71	8.00
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Distillers Corp., Ltd., Montreal, Quebec, Canada

5541	Distilco Corn Distiller's Dried Grains 22%	Bridgeport: Brooklawn Grain & Feed Co.	6.63	23.75	22.00	8.62	8.00	6.67	12.00
4568	Distilco Corn Distiller's Dried Grains 25%	Pawcatuck: The C. W. Campbell Co.	7.80	25.56	25.00	8.71	8.00	7.76	12.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Dominion Malting (Ontario) Ltd., Toronto, Ontario, Canada									
4641	Dried Brewers Grains	Colchester: P. Cutler, Inc.	10.29	21.38	19.00	6.65	6.00	14.39	20.00
4774	Dried Brewers Grains	Norwalk: The Libner Grain Co.	8.50	20.31	22.00	5.63	6.00	15.89	17.00
Doughnut Corporation of America, Ellicott City, Md.									
4772	Domaco Pure Winter Wheat Bran.	Norwalk: The Libner Grain Co.	7.31	13.63	13.50	3.89	3.25	6.70	9.50
4771	Domaco Winter Wheat Standard Middlings	Norwalk: The Libner Grain Co.	12.11	16.19	14.50	4.63	4.25	6.35	7.50
The Dover Milling Co., Dover, Ohio									
3112	Wheat Middlings with Mill Run Ground Wheat Screenings	Pawcatuck: The C. W. Campbell Co.	9.64	17.31	14.75	4.14	3.18	5.25	6.75
Eastern States Farmers' Exchange, Inc., West Springfield, Mass.									
3012	All Mash Breeder	Willimantic: Eastern States Farmers' Exchange, Inc.	8.50	17.44	15.50	6.32	4.00	2.66	4.00
5609	Breeder Mash	Norwich: Eastern States Farmers' Exchange, Inc.	8.30	24.13	22.00	6.04	5.00	3.92	4.50
5326	Calf Starter	Granby: Ayer & Simmons, Inc.	10.93	21.31	20.00	4.33	3.00	4.50	6.00
5518	Calving Ration	Torrington: Eastern States Farmers' Exchange, Inc.	7.99	13.69	9.50	2.04	1.50	13.95	15.00
4891	Cashmaker	North Haven: Eastern States Farmers' Exchange, Inc.	10.81	18.56	16.00	3.84	3.50	3.65	4.00
2946	Champion	East Hartford: Eastern States Farmers' Exchange, Inc.	11.13	16.38	14.00	2.53	2.50	4.82	7.00
4893	Class Leader	North Haven: Eastern States Farmers' Exchange, Inc.	11.34	15.81	14.00	3.86	3.50	6.39	9.00
5544	Darimore	Bethel: Eastern States Farmers' Exchange, Inc.	8.96	18.75	16.00	2.90	2.00	9.00	12.00

5039 Fulpail	New Milford: Paul W. Caldwell.	9.17	21.31	20.00	3.84	3.00	7.68	9.00	
5590 Gee-Mix	Buckland: Eastern States Farmers' Exchange, Inc.	9.00	38.31	40.00	4.09	3.50	4.40	5.50	
5516 Lay-Mix	Torrington: Eastern States Farmers' Exchange, Inc.	7.04	39.00	36.00	2.30	2.00	5.57	6.50	
5040 Matchmaker	New Milford: Paul W. Caldwell.	9.37	23.88	22.00	3.60	3.50	4.16	5.00	
2536 Milkmore	Canaan: Guilian & Atwood	12.02	16.38	16.00	4.39	4.00	5.30	9.00	
3013 Milksaver	Willimantic: Eastern States Farmers' Exchange, Inc.	5.65	26.31	24.00	1.33	1.00	0.59	1.00	
5204 Pig Primer	Rockville: Ellington—Vernon Farmers' Exchange, Inc.	8.91	17.44	16.00	3.69	3.00	3.92	5.50	
5543 Pork Builder	Bethel: Eastern States Farmers' Exchange, Inc.	10.45	15.81	14.00	3.24	3.00	3.05	4.00	
4892 Porkmix	North Haven: Eastern States Farmers' Exchange, Inc.	8.31	38.75	36.00	2.13	1.50	6.65	8.50	
2945 Producer	East Hartford: Eastern States Farmers' Exchange, Inc.	9.58	24.56	22.00	5.25	4.50	3.65	4.50	
5327 Rabbetts	Granby: Ayer & Simmons Inc.	10.04	19.88	18.00	3.39	2.00	12.75	16.00	
2535 Supmix	Canaan: Guilian & Atwood	10.97	37.75	36.00	2.64	2.00	5.48	8.00	
3014 Sweepstakes	Willimantic: Eastern States Farmers' Exchange, Inc.	8.77	18.50	16.00	2.89	3.00	5.95	8.00	
5589 Turkey Finisher Pellets	Buckland: Eastern States Farmers' Exchange, Inc.	11.36	18.44	16.50	4.10	4.00	3.15	4.00	
5205 Turkey Grower	Rockville: Ellington—Vernon Farmers' Exchange, Inc.	8.22	22.81	20.00	3.85	3.00	3.67	4.50	
B. A. Eckhart Milling Company, Chicago, Ill.									
4570 Ecko Pure Wheat Bran	Pawcatuck: The C. W. Campbell Co.	10.60	16.56	14.00	3.57	3.50	8.10	12.00	
5012 Standard Middlings with Screenings	Willimantic: W. D. Grant Co.	11.68	16.38	15.00	4.31	4.00	6.37	9.50	
Elmore Milling Company, Inc., Oneonta, New York									
4947 Elmore Booster Pellets	Hampton: Elmore Conn. Stores, Inc.	12.04	28.31	25.00	3.13	3.00	4.55	6.00	
5641 Elmore Broiler Finisher Pellets	Hampton: Elmore Conn. Stores, Inc.	10.65	19.50	11.00	4.11	3.50	4.27	4.00	
5276 Elmore Bull Feed	Plainfield: Elmore Conn. Stores, Inc.	12.71	15.63	13.00	3.66	3.00	6.37	9.00	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Elmore Milling Company, Inc., Oneonta, N. Y.—Cont.									
2969	Elmore Chick Feed	Moosup: United Co-Op Farmers' Inc.	12.28	10.13	9.00	2.21	2.50	0.99	5.00
5121	Elmore Chixsaver	Amston: Elmore Conn. Stores Inc.	10.89	22.38	20.00	2.88	3.00	4.00	5.00
5642	Elmore Complete Growing Ration	Hampton: Elmore Conn. Stores Inc.	11.43	16.13	15.00	3.73	3.00	4.89	5.00
4942	Elmore Complete Market Egg Ration	Hampton: Elmore Conn. Stores Inc.	12.11	19.25	15.50	2.98	3.00	4.62	5.00
2682	Elmore Complete Rabbit Ration Pellets	East Haven: East Haven Hay & Grain Supply	8.25	21.69	16.00	4.59	2.50	9.52	10.00
4946	Elmore Dry & Freshening Ration	Hampton: Elmore Conn. Stores Inc.	13.48	14.63	12.00	3.61	3.50	7.05	9.00
4944	Elmore Egg Mash	Hampton: Elmore Conn. Stores Inc.	12.46	20.56	20.00	2.93	2.50	5.54	6.00
4940	Elmore Fitting Ration 14%	Hampton: Elmore Conn. Stores Inc.	12.21	15.00	14.00	4.53	4.00	6.28	8.00
5177	Elmore Flaked Pelleted Calf Starter	Forestville: Elmore Conn. Stores, Inc.	11.44	17.94	18.00	3.61	2.50	6.55	8.00
4943	Elmore Game Bird Grower	Hampton: Elmore Conn. Stores Inc.	12.46	21.63	20.00	2.74	3.50	5.50	8.00
5182	Elmore Goat Ration	Forestville: Elmore Conn. Stores, Inc.	11.27	16.00	16.00	3.49	3.00	5.47	10.00
5120	Elmore Grand Champion Ration	Amston: Elmore Conn. Stores, Inc.	12.06	15.75	15.00	4.54	4.00	7.07	9.00
2949	Elmore Growing Mash	Hazardville: E. B. Buck	8.97	18.75	18.00	3.56	2.50	0.34	6.00
5181	Elmore Hog Ration	Forestville: Elmore Conn. Stores, Inc.	11.11	16.25	15.00	3.98	3.50	5.75	8.00

5178	Elmore Horse Crunchies	Forestville: Elmore Conn. Stores, Inc.	10.74	20.31	15.00	4.36	4.00	6.75	10.00
2948	Elmore Horse Feed	Hazardville: E. B. Buck	10.87	12.69	9.00	3.79	3.00	5.11	11.00
5119	Elmore M.A.C. Laying Mash	Amston: Elmore Conn. Stores, Inc.	11.31	21.56	20.00	2.56	2.50	5.27	8.00
5180	Elmore Makemgrow Little Pig Ration	Forestville: Elmore Conn. Stores, Inc.	10.56	18.25	18.00	4.34	3.50	5.82	8.00
2947	Elmore Milk Grains "Sixteen"	Hazardville: E. B. Buck	9.97	18.38	16.00	5.02	4.00	7.23	9.00
5275	Elmore Milk Grains "Twenty"	Plainfield: Elmore Conn. Stores, Inc.	11.81	20.50	20.00	2.29	4.00	9.10	8.00
2683	Elmore Pacemaker 16% Dairy Ration	East Haven: East Haven Hay & Grain Supply	8.87	19.69	16.00	3.18	2.50	9.37	10.00
4945	Elmore Pacemaker Fitting Ration	Hampton: Elmore Conn. Stores, Inc.	12.45	19.94	14.00	2.63	3.00	7.97	9.00
4941	Elmore Super Broiler Ration	Hampton: Elmore Conn. Stores, Inc.	11.71	21.00	20.00	3.19	3.00	3.85	4.00
5273	Elmore Test Ration 16%	Plainfield: Elmore Conn. Stores, Inc.	11.91	16.88	16.00	4.04	4.00	7.68	9.00
5179	Elmore Test Ration 18%	Forestville: Elmore Conn. Stores, Inc.	10.10	18.63	18.00	4.88	4.00	7.88	9.00
2950	Elmore Turkey Finisher (Fattener)	Hazardville: E. B. Buck	9.26	22.00	16.00	3.63	3.00	5.09	6.00
5123	Elmore Turkey Fitting Ration	Amston: Elmore Conn. Stores, Inc.	12.89	11.25	12.00	3.04	3.00	4.35	10.00
5274	Elmore Turkey Growing Mash	Plainfield: Elmore Conn. Stores, Inc.	11.39	20.38	20.00	3.58	2.50	5.02	6.00
5122	Elmore Turkey Starting Mash	Amston: Elmore Conn. Stores, Inc.	11.00	26.81	27.00	3.04	3.00	4.35	5.00
Erie Alfalfa Mills, Inc., Erie, Mich.									
4586	Alfalfa Meal	Wallingford: A. E. Hall	8.99	16.88	17.00	2.63	1.75	30.18	27.00
John W. Eshelman & Sons, Lancaster, Pa.									
5037	Conestoga 18 Dairy Feed	New Haven. Thomas F. Moran & Son	11.11	22.69	18.00	4.04	3.00	7.85	11.00
4903	Lancaster Scratch Grains	Portland: Anderson Farm Supply Inc.	12.60	10.88	9.00	3.06	2.00	3.50	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
John W. Eshelman & Sons, Lancaster, Pa.—Cont.									
2533	Penny 16 Dairy Feed	Torrington: Litchfield County Co-Op Assn.	11.97	17.19	16.00	3.48	3.00	8.10	15.00
5384	Red Rose Broiler Finisher	New London: New London Grain Co.	9.46	20.50	18.00	4.93	3.50	4.15	5.00
5542	Red Rose Calf Grower	Bethel: Marble & Risser	9.10	16.75	14.00	4.05	3.00	7.07	8.50
5038	Red Rose Calf Starter	New Haven: Thomas F. Moran & Son	11.31	18.69	18.00	4.40	3.00	6.92	8.00
5385	Red Rose Complete Growing Ration	New London: New London Grain Co.	9.42	21.44	16.00	4.31	3.50	5.10	6.00
4814	Red Rose Complete Laying Ration	Ridgefield: Young's Feed Store	11.60	19.25	16.00	3.36	3.50	4.50	4.50
2903	Red Rose 16 Dairy Feed	South Windsor: South Windsor Grain Co.	8.09	18.94	16.00	3.54	3.50	7.64	9.50
2534	Red Rose 18 Dairy Feed	Torrington: Litchfield County Co-Op Assn.	10.66	22.06	18.00	3.26	3.50	7.45	9.50
5033	Red Rose Fattening Mash	New Britain: William Cohen Inc.	11.36	14.19	14.00	3.29	4.00	2.97	5.50
2497	Red Rose Fitting Ration	Thomaston: The Thomaston Supply Co., Inc.	11.87	14.94	12.00	3.33	3.50	6.68	7.00
4816	Red Rose Goat Ration	Ridgefield: Young's Feed Store	11.51	15.50	15.00	3.25	3.00	6.22	9.00
3104	Red Rose Growing Mash	New London: New London Grain Co.	9.26	21.00	18.00	4.36	3.50	6.00	7.00
2905	Red Rose Hog Meal	South Windsor: South Windsor Grain Co.	8.90	20.19	16.00	3.54	3.50	6.15	8.00
4590	Red Rose Horse Feed	Meriden: Meriden Grain & Coal Co.	12.39	10.63	9.00	3.47	3.00	4.20	10.00
4589	Red Rose Intermediate Chick Grains	Meriden: Meriden Grain & Coal Co.	13.00	11.75	9.00	4.08	2.00	1.90	3.00
4588	Red Rose Laying Mash	Meriden: Meriden Grain & Coal Co.	11.00	21.25	20.00	3.53	3.50	4.30	5.50

5402	Red Rose Milk Replacer	Norwich: The A. E. Shedd Co.	6.92	24.13	22.00	1.48	1.00	0.92	1.00
5383	Red Rose Pigeon Feed	New London: New London Grain Co.	12.69	16.00	12.00	3.11	3.00	2.97	4.00
4587	Red Rose Rabbit Pellets	Wallingford: A. E. Hall	10.91	21.88	18.00	3.39	3.00	6.77	12.00
5032	Red Rose Scratch Grains	New Britain: William Cohen, Inc.	13.00	9.50	9.00	2.83	2.00	2.85	4.00
5401	Red Rose Starter & Grower	Norwich: The A. E. Shedd Co., Inc.	10.24	20.75	18.00	3.81	3.50	4.67	6.50
4813	Red Rose Super Dairy Feed	Ridgefield: Young's Feed Store	11.73	18.94	18.00	3.28	3.25	7.59	9.00
5400	Red Rose T-C Feed	Norwich: The A. E. Shedd Co., Inc.	10.01	18.81	20.00	4.23	3.00	4.42	5.00
4803	Red Rose 14 Test Cow Ration	Cos-Cob: Belmont Feed Co.	12.98	15.44	14.00	3.68	3.50	6.55	8.50
4815	Red Rose Turkey Grower	Ridgefield: Young's Feed Store	11.46	20.81	20.00	3.50	3.50	5.65	8.00
4806	S-O-S	Cos-Cob: Belmont Feed Co.	11.82	14.25	11.00	2.24	2.00	13.64	16.00
Excelsior Milling Co., Minneapolis, Minn.									
5528	Camel Hard Wheat Mixed Feed with Screenings	Watertown: The Watertown Co-Op Assn., Inc.	9.90	15.81	15.00	5.01	4.00	6.32	9.50
Farm Bureau Association, Waltham, Mass.									
5447	Farm Bureau Complete Developer Mash	Torrington: Litchfield County Co-Op Assn.	10.39	18.13	16.00	4.91	3.00	3.82	5.00
2528	Farm Bureau Complete Market Egg Mash	Torrington: Litchfield County Co-Op Assn.	11.76	16.00	16.00	3.82	3.00	3.80	5.00
2529	Farm Bureau Dairy 20%	Torrington: Litchfield County Co-Op Assn.	11.68	21.31	20.00	2.76	3.50	6.55	9.00
2531	Farm Bureau 16% Dairy Ration	Torrington: Litchfield County Co-Op Assn.	12.01	15.50	16.00	2.92	3.50	5.75	8.50
5448	Farm Bureau 16% Dairy Ration "Fine"	Torrington: Litchfield County Co-Op Assn.	9.92	19.13	16.00	3.96	3.50	6.70	8.50
2532	Farm Bureau Fitting Ration	Torrington: Litchfield County Co-Op Assn.	12.07	12.13	12.00	3.14	3.50	6.70	9.00
2530	Farm Bureau High Energy Broiler & Starter Mash	Torrington: Litchfield County Co-Op Assn.	12.42	21.06	20.00	3.00	3.00	3.02	4.50
5446	Farm Bureau Market Egg Mash	Torrington: Litchfield County Co-Op Assn.	9.43	21.88	20.00	3.89	3.00	4.45	5.00
5449	Farm Bureau 14% Milking Ration	Torrington: Litchfield County Co-Op Assn.	9.66	15.13	14.00	4.76	4.00	6.60	8.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Farmers Feed Co., Brooklyn, N. Y.									
3269	"Bull Brand" Brewers Dried Grains	Seymour: Seymour Grain & Coal Co.....	6.56	29.56	26.00	5.14	6.00	13.51	17.00
Fish Products Co., Lewes, Del.									
3271	Smith's Lifeline Brand Fish Meal..	Seymour: Seymour Grain & Coal Co.....	6.96	64.69	60.00	6.93	5.00	0.10	3.00
Fishel Products Co., Kingsburg, Calif.									
5628	New Amburgo Supertrate.....	Seymour: Seymour Grain & Coal Co.....	7.50	37.69	35.00	3.33	4.00	3.24	4.00
Fishery Products, Inc., Cleveland, Ohio									
3247	Monroe Brand Fish Meal.....	Jewett City: Machnicki's Grain Store.....	6.84	58.00	58.00	7.48	6.00	0.17	1.00
Florida Citrus Cannery Cooperative, Lake Wales, Fla.									
5006	Lake Wales Brand Citrus Pulp.....	Willimantic: W. D. Grant Co. . .	9.96	7.75	6.00	4.04	3.00	11.87	16.00
The Fox Co., Newfield, N. J.									
4776	Foxco Flavitein.....	Norwalk: The Libner Grain Co..	9.08	41.50	35.00	6.38	2.00	0.72	2.50
Fruit Industries Inc., Bradenton, Fla.									
3046	Tropicana's Sweetest Dried Citrus Pulp.....	Hazardville: Amos D. Bridges' Sons Inc.....	6.88	8.63	6.00	7.63	2.75	5.72	15.00

General Mills, Inc., Minneapolis, Minn.									
3231	Washburn's Gold Medal Wheat Adrian Red Dog	Norwich: Checkerboard Feed Store	12.18	17.75	16.00	3.07	3.50	2.21	4.00
4781	Washburn's Gold Medal Wheat Bran and Ground Wheat Screenings not Exceeding Mill Run	South Norwalk: The Roodner Feed Co., Inc.	12.04	15.81	14.00	4.14	3.50	8.87	12.00
4536	Washburn's Gold Medal Wheat Standard Middlings and Ground Wheat Screenings not Exceeding Mill Run	Shelton: Wolf Savitsky & Sons, Inc.	12.10	17.00	15.00	4.19	4.00	6.42	9.50
General Mills, Inc., Larrowe Div., Detroit, Mich.									
5194	Larro Chick Grains	Bristol: C. A. Cowles, Inc.	11.20	10.50	9.00	2.93	2.00	1.54	4.00
4844	Larro Scratch Grains	Danbury: Meeker Hardware	13.81	10.44	9.00	2.32	2.00	2.38	5.00
4623	Larro SureChick	Plantsville: C. A. Cowles, Inc.	10.66	21.50	20.00	3.76	3.00	4.04	6.00
4841	Larro SureLay "H-E"	Danbury: Meeker Hardware	11.75	21.06	20.00	2.97	2.50	6.04	7.00
2567	Larro SureLay Complete "H-E"	Plantsville: C. A. Cowles, Inc.	12.05	17.00	16.00	4.37	2.50	3.98	5.50
2574	Larro SureMash 38	Plantsville: C. A. Cowles, Inc.	8.70	39.50	38.00	3.11	1.50	6.02	8.00
2566	Larro SureMilk 14	Plantsville: C. A. Cowles, Inc.	11.01	15.81	14.00	3.15	2.75	7.29	9.50
5568	Larro SureMilk 16	Plantsville: C. A. Cowles, Inc.	9.19	17.88	16.00	3.89	2.75	7.80	9.50
4839	Larro SureMilk 20	Danbury: Meeker Hardware	10.94	22.06	20.00	2.76	2.75	6.72	9.50
4842	Larro SurePork Complete	Danbury: Meeker Hardware	11.85	15.31	15.00	3.69	3.00	4.10	6.00
5197	Larro SurePoult.	Bristol: C. A. Cowles, Inc.	9.02	25.88	24.00	2.73	2.50	4.75	6.50
2568	Larro SureRabbit	Plantsville: C. A. Cowles, Inc.	10.00	18.75	15.00	4.58	2.00	12.72	19.00
5196	Larro SureTurk	Bristol: C. A. Cowles, Inc.	8.56	28.50	27.00	2.86	2.50	6.63	8.50
The Glidden Co., Chemurgy Div., Chicago, Ill.									
3251	Glidden Quality Products 44% Pro- tein Solvent Extracted Soybean Oil Meal	Jewett City: Machnicki's Grain Store	9.41	47.13	44.00	1.27	0.50	5.63	7.00
3263	Glidden Quality Products 44% Pro- tein Solvent Extracted Soybean Oil Meal	Derby: Derby Feed Store	9.50	46.25	44.00	0.98	0.50	5.35	7.00
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.									
2500	Gorton's A1-Blend "Junior"	Wallingford: A. E. Hall	8.21	44.38	40.00	6.97	6.00	5.32	8.00
2537	Gorton's A1-Blend "Senior"	Canaan: Community Service, Inc.	9.32	43.56	40.00	9.39	7.50	5.64	8.00
3666	Gorton's Mar-Vi-Tic Blend	Pawcatuck: The C. W. Campbell Co.	9.46	45.50	40.00	8.78	8.00	0.93	2.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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
D. H. Grandin Milling Co., Jamestown, N. Y.									
5311	Grandin's Baby Chick Grains.....	Oneco: L. B. Whitford	13.25	9.81	10.00	3.61	2.50	1.25	5.00
3071	Grandin's Breeder Mash	Hawleyville: W. A. Honan Inc....	8.11	24.38	20.00	3.63	3.00	5.32	4.50
5307	Grandin's Broiler Finisher.....	Oneco: L. B. Whitford	11.96	17.94	18.00	3.13	3.00	3.62	4.50
4840	Grandin's Calf Starter	Danbury: Meeker Hardware....	12.89	16.75	18.00	2.84	3.00	6.80	10.00
5368	Grandin's Dry & Freshening Ration	Putnam: Shepard & Whittemore Inc.....	11.03	15.00	12.00	3.46	3.00	5.92	12.00
4523	Grandin's 14 Fitting Ration	Mansfield Depot: G. Merritt Thompson.....	13.38	15.81	14.00	2.79	3.00	5.30	10.00
4843	Grandin's Hi-Pro Pellets	Danbury: Meeker Hardware....	15.52	20.69	22.00	3.23	3.00	4.17	5.00
5305	Grandin's Horse Feed	Oneco: L. B. Whitford	12.66	10.25	9.00	3.19	3.00	5.57	11.00
5369	Grandin's Intermediate Chick Grains	Putnam: Shepard & Whittemore Inc.....	11.71	9.69	10.00	3.12	2.50	1.47	5.00
3072	Grandin's Laying Mash	Hawleyville: W. A. Honan, Inc..	9.76	21.44	20.00	3.59	2.00	4.72	4.50
5308	Grandin's 16 Milk Maker	Oneco: L. B. Whitford	11.76	15.56	16.00	2.81	3.00	8.50	10.00
3070	Grandin's 20 Milk Maker	Hawleyville: W. A. Honan Inc..	9.36	20.13	20.00	3.52	3.00	8.17	10.00
5309	Grandin's Rabbit Pellets	Oneco: L. B. Whitford	10.24	13.50	14.00	3.04	2.00	9.80	18.00
5306	Grandin's Start-To-Finish Mash....	Oneco: L. B. Whitford	11.67	21.25	20.00	2.50	2.50	5.17	5.00
4522	Grandin's Stim-U-Feed	Mansfield Depot: G. Merritt Thompson.....	12.53	21.75	20.00	3.16	3.00	3.53	4.00
4524	Grandin's 16 Test Ration	Mansfield Depot: G. Merritt Thompson.....	12.40	17.38	16.00	2.90	3.00	6.61	10.00
5310	Grandin's Twin Six Dairy Feed....	Oneco: L. B. Whitford	12.56	15.38	16.00	3.09	3.00	6.70	10.00
The Great Atlantic & Pacific Tea Co., Minneapolis, Minn.									
5552	Daily Egg Laying Mash	East Hartford: A & P Warehouse	8.31	21.88	20.00	3.49	3.00	7.22	7.50
5551	Daily Growth Growing Mash.....	East Hartford: A & P Warehouse	8.50	19.81	17.50	3.50	3.00	6.92	7.50

Great Star Flour Mills Ltd., St. Marys, Ontario, Canada

2480	Wheat Bran	Derby: Derby Feed Store	10.52	15.38	15.00	4.07	3.50	8.46	11.50
5588	Wheat Shorts	Manchester: Central Conn. Co-Op Farmers' Assn., Inc.	11.55	15.63	14.00	5.41	5.00	5.80	8.00

Haffenreffer & Co., Inc., Boston, Mass.

4581	Haffenreffer & Co.'s Brewers Dried Yeast	Norwich: The Yantic Grain & Products Co.	9.95	41.88	41.00	0.83	0.80	3.97	5.50
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Hales & Hunter Co., Chicago, Ill.

3671	Gold Flake Dairy 16	Putnam: Putnam Farmers' Co-Op Assn., Inc.	12.51	17.50	16.00	3.08	3.00	5.20	10.00
5070	Pioneer Beef Cattle 20	Shelton: Wolf Savitsky & Sons, Inc.	8.39	19.13	20.00	4.55	3.50	10.12	12.00
5639	Pioneer Bull Feed	Shelton: Wolf Savitsky & Sons, Inc.	10.60	15.50	12.00	3.30	3.00	6.17	10.00
4805	Pioneer Calf Starter	Cos-Cob: Belmont Feed Co.	12.27	20.13	18.00	2.56	2.50	5.27	8.50
3672	Pioneer Creep & Fitting Ration	Putnam: Putnam Farmers' Co-Op Assn., Inc.	12.04	13.81	12.00	3.49	2.50	3.50	9.00
5367	Pioneer Creep & Fitting Supplement	Putnam: Putnam Farmers' Co-Op Assn., Inc.	8.86	28.19	28.00	3.86	2.50	7.58	8.00
5109	Pioneer 18 Dairy	Shelton: Wolf Savitsky & Sons, Inc.	13.16	18.88	18.00	3.17	3.00	5.82	9.00
5358	Pioneer Dairy Fitting Feed	Putnam: Putnam Farmers' Co-Op Assn., Inc.	12.18	15.38	14.00	2.74	3.00	5.75	10.00
4482	Pioneer Dry & Freshening	Manchester: Little & McKinney Inc.	13.31	14.25	12.00	4.38	2.50	5.47	9.00
2897	Pioneer Horse Feed	Manchester: Little & McKinney Inc.	8.89	14.75	12.00	3.43	2.50	7.00	9.00
4802	Pioneer Pelleted Flaked 15 Dairy	Cos-Cob: Belmont Feed Co.	13.40	16.06	15.00	3.14	3.00	5.15	9.00
5068	Pioneer Pelleted Flaked Dairy Goat Feed	Shelton: Wolf Savitsky & Sons, Inc.	11.06	16.00	15.00	3.58	3.00	4.10	9.00
5069	Pioneer Rabbit Pellets	Shelton: Wolf Savitsky & Sons, Inc.	9.21	18.50	16.00	3.34	2.00	8.15	15.00
5364	Pioneer Sup-Pel	Putnam: Putnam Farmers' Co-Op Assn., Inc.	8.07	20.88	18.00	5.11	3.00	6.42	9.00
4483	Red Comb Breeder Mash	Manchester: Little & McKinney Inc.	11.73	20.50	20.00	5.39	3.00	4.35	6.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Hales & Hunter Co., Chicago, Ill.—Cont									
5322	Red Comb Broiler Crate Fattener	Hartford: D. Rudin Inc.	10.84	13.88	14.00	3.69	3.00	3.87	7.00
5646	Red Comb Broiler Finisher	Manchester: Little & McKinney Inc.	10.56	20.63	19.00	4.50	4.00	3.27	4.00
2714	Red Comb Broiler Mash	Manchester: Little & McKinney Inc.	9.50	22.06	20.00	6.67	3.00	3.77	5.00
5645	Red Comb Broiler Mash	Manchester: Little & McKinney Inc.	11.00	22.00	22.00	5.51	4.00	3.07	4.00
5363	Red Comb C Flaked	Putnam: Putnam Farmers' Co-Op Assn., Inc.	11.31	16.00	15.00	4.43	2.50	2.42	5.00
3257	Red Comb Crate Fattener	New Haven: R. G. Davis & Sons	10.04	16.00	13.00	3.00	3.00	5.47	7.00
5066	Red Comb Duck Grower	Shelton: Wolf Savitsky & Sons, Inc.	10.37	16.00	16.00	3.44	3.00	4.50	7.00
5108	Red Comb Duck Starter	Shelton: Wolf Savitsky & Sons, Inc.	10.45	19.00	18.00	3.87	3.00	4.67	7.00
2713	Red Comb Egg Mash	Manchester: Little & McKinney Inc.	9.42	21.00	20.00	5.04	3.00	4.85	6.50
5647	Red Comb Growing Mash	Manchester: Little & McKinney Inc.	10.01	18.25	18.00	5.94	3.00	4.95	7.00
5067	Red Comb Turkey Grower	Shelton: Wolf Savitsky & Sons, Inc.	8.97	24.00	23.00	3.84	3.00	4.75	7.00
A. E. Hall, Wallingford, Conn.									
4584	Hall's Growing Mash	Wallingford: A. E. Hall	10.76	18.94	16.00	4.13	3.50	6.37	7.50
4585	Hall's Hi-Lo Starter & Broiler	Wallingford: A. E. Hall	10.74	23.56	20.00	4.76	3.50	3.40	4.50
2502	Hall's Laying Mash	Wallingford: A. E. Hall	9.58	23.00	20.00	4.70	3.50	5.87	7.50
Dwight Hamlin Co., Pittsburgh, Pa.									
5150	Hamlin's Dried Brewers Grains	Danielson: Dayville Grain & Feed Co.	8.00	24.44	24.00	5.02	6.00	13.67	18.00

Harper Feed Mills, Inc., Washington, Pa.									
5141	Harco Complete Calf Ration	Eastford: William S. Warren & Son	11.94	18.00	14.00	3.19	2.00	7.72	9.00
H. P. Hood & Sons, Inc., Boston, Mass.									
5173	Dried Skimmed Milk	Danielson: United Co-Op Farmers, Inc.	6.27	29.63	28.00	12.69	0.75	0.17	....
The Hubinger Co., Keokuk, Iowa									
2410	Ke OK uk 21% Protein Corn Gluten Feed	Middletown: Meech & Stoddard Inc.	8.41	29.31	21.00	1.54	1.00	6.54	10.00
Huss Alfalfa Mills, Inc., Martin, Ohio									
5389	17% Dehydrated Alfalfa Meal	Pawcatuck: The C. W. Campbell Co.	5.57	18.13	17.00	3.11	1.50	25.10	27.00
Illinois Cereal Mills, Inc., Paris, Ill.									
4569	Hominy Feed	Pawcatuck: The C. W. Campbell Co.	10.00	12.69	10.00	7.78	5.00	4.02	6.00
Inland Mills Inc., Des Moines, Iowa									
5387	Certainty Hard Wheat Standard Middlings with Ground Screenings not Exceeding Mill Run	Old Mystic: James Baker	9.64	18.06	15.00	5.59	4.00	6.85	9.50
International Milling Co., Minneapolis, Minn.									
4863	Blackhawk Wheat Bran with Ground Mixed Screenings not Exceeding 8%	Guilford: Fred C. Morse & Son	13.51	15.31	13.50	4.59	2.50	8.10	12.00
4583	Blackhawk Wheat Standard Middlings with Ground Mixed Screenings not Exceeding Mill Run	Norwich: The Yantic Grain & Products Co.	11.57	16.13	14.00	4.00	3.00	8.00	9.50
4639	Blackhawk Wheat Standard Middlings with Ground Mixed Screenings not Exceeding Mill Run	Colchester: P. Cutler, Inc.	12.81	16.75	14.00	4.32	3.00	5.90	9.50
2904	Target Wheat Reddog	South Windsor: South Windsor Grain Co.	8.69	17.75	15.00	4.36	2.00	3.57	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Herman Isacs, Inc., Bridgeport, Conn.									
4494	Hi Test Meat Scrap	Manchester: Central Conn. Co-Op Farmers' Assn., Inc.	8.91	50.25	50.00	3.24	2.00	1.62	3.00
W. J. Jennison Co., Minneapolis, Minn.									
4849	Sweet Cream Wheat Standard Middlings with Ground Screenings not Exceeding Mill Run	Guilford: Fred C. Morse & Son	12.57	16.63	15.50	3.88	4.00	6.87	9.50
Kellogg Company, Battle Creek, Mich.									
2509	Kellogg's Hominy Feed	Norwich: The Yantic Grain & Products Co.	10.14	10.56	9.50	6.69	6.00	3.15	5.00
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.									
4999	Spencer Kellogg's 34% Protein Old Process (Expeller) Linseed Oil Meal	Middlefield: Middlefield Grain & Supply Co.	11.56	36.25	34.00	4.04	3.50	7.45	10.00
4645	Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted	Colchester: P. Cutler, Inc.	11.30	47.75	44.00	0.51	0.50	4.56	7.00
Kennel Food Supply, Fairfield, Conn.									
4866	KFS Rabbit Pellets	Guilford: Fred C. Morse & Sons.	11.32	19.25	19.00	2.31	2.00	10.01	11.00
Keystone Dehydrators, Nazareth, Pa.									
4431	Keystone Super Green Dehydrated Alfalfa Meal	Shelton: Wolf Savitsky & Sons, Inc.	8.34	17.13	17.00	2.44	2.00	25.10	27.00

Chas. A. Krause Milling Co., Milwaukee, Wis.									
5521	Badger Yellow Hominy Feed	Thomaston: Thomaston Supply Co., Inc.	10.07	10.38	10.00	3.64	5.00	3.15	6.00
Kuder Pulp Sales Co., Lake Alfred, Fla.									
3669	Kuder Citrus Pulp, High Sugar, Late Production	Danielson: United Co-Op Farmers, Inc.	10.31	7.88	6.00	3.02	3.00	9.50	13.00
Lake of the Woods Milling Co. Ltd., Montreal, Quebec, Canada									
2555	Lakewoods Wheat Bran	Canaan: Community Service, Inc.	11.50	15.00	15.00	5.63	3.50	10.92	11.50
2557	Lakewoods Wheat Shorts	Canaan: Community Service, Inc.	11.54	17.38	16.00	7.06	5.00	7.93	8.00
L. C. Latimer, Coventry, Conn.									
5572	College 18% Dairy	South Coventry: L. C. Latimer	10.56	17.81	18.00	3.69	4.00	8.87	9.00
5583	College Fitting Ration	South Coventry: L. C. Latimer	10.17	16.06	14.00	4.13	4.00	7.55	9.00
3023	College Mash with Oil	South Coventry: L. C. Latimer	8.32	18.75	17.50	4.64	4.50	7.07	8.00
Lauhoff Grain Co., Danville, Ill.									
4610	Vermilion Hominy Feed	Middletown: Meech & Stoddard Inc.	11.89	11.75	9.00	5.40	5.00	2.97	6.00
Lauhoff Soya Co., Danville, Ill.									
4493	44% Protein Solvent Extracted Soybean Oil Meal	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	12.91	46.88	44.00	0.55	0.50	5.16	7.00
The Libner Grain Co., Norwalk, Conn.									
4778	Libner's Blue Ribbon 16% Dairy Ration	Norwalk: The Libner Grain Co.	8.30	17.06	16.00	3.24	5.00	8.00	8.00
4779	Libner's Blue Ribbon 12% Fitting Ration	Norwalk: The Libner Grain Co.	11.80	18.25	12.00	3.40	4.00	6.94	10.00
4780	Libner's Blue Ribbon Growing Mash	Norwalk: The Libner Grain Co.	11.69	24.56	18.00	3.62	4.00	5.50	6.00
5636	Libner's Blue Ribbon Horse & Calf Ration	Norwalk: The Libner Grain Co.	10.84	12.13	10.50	3.71	3.50	6.13	7.00
4800	Libner's Blue Ribbon Milk Egg Mash	New Canaan: New Canaan Grain Co.	11.21	25.00	20.00	4.45	3.00	5.35	6.50
4807	Libner's 20% Milkflow Dairy Ration	Stamford: Stamford Grain Co.	11.55	21.88	20.00	3.01	4.00	7.15	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Litchfield County Co-Operative Assoc., Torrington, Conn.									
2527	Common Sense Laying Mash	Torrington: Litchfield County Co-Op Assn.	11.61	19.31	18.00	4.03	3.50	4.67	7.00
Long Hill Feed Store, Long Hill, Conn.									
3051	Improved Square Deal Dairy Ration	Long Hill: Long Hill Feed Store.	10.86	17.63	18.00	2.64	4.50	8.02	10.00
McMillen Feed Mills, Division of Central Soya Co. & Subsidiaries, Fort Wayne, Ind.									
2675	Master Blend 33% Dairy Concentrate	Guilford: Fred C. Morse & Son	8.01	36.00	33.00	1.93	1.50	6.32	9.00
3268	Master Mix Beef Concentrate	Seymour: Seymour Grain & Coal Co.	8.51	33.94	32.00	1.51	1.00	8.24	9.50
3111	Master Mix Broiler Concentrate	Pawcatuck: The C. W. Campbell Co.	7.89	41.31	38.00	2.40	2.00	5.08	6.50
4936	Master Mix Broiler Concentrate	Jewett City: Machnicki's Grain Store	11.86	38.19	38.00	5.23	2.00	2.85	6.50
2489	Master Mix Calflac	Seymour: Seymour Grain & Coal Co.	5.01	20.00	18.00	11.33	11.00	0.12	0.50
3270	Master Mix Chick Concentrate	Seymour: Seymour Grain & Coal Co.	8.06	37.69	36.00	1.79	1.50	6.66	8.00
2678	Master Mix Complete Rabbit Pellets	Guilford: Fred C. Morse & Son	8.76	18.13	15.00	3.11	2.00	10.75	16.00
5116	Master Mix Complete Turkey Finisher	Seymour: Seymour Grain & Coal Co.	10.81	22.63	16.00	2.49	3.50	4.82	6.00
5633	Master Mix Egg Concentrate	Seymour: Seymour Grain & Coal Co.	7.63	43.75	42.00	6.18	6.00	3.07	4.00
3274	Master Mix Eglac Pellets	Seymour: Seymour Grain & Coal Co.	9.19	21.88	20.00	3.10	2.50	5.00	7.00
5117	Master Mix Egg Mash	Seymour: Seymour Grain & Coal Co.	11.12	20.81	20.00	2.64	2.50	4.77	5.50

5396	Master Mix 35% Hog Concentrate.	Pawcatuck: The C. W. Campbell Co.	10.46	37.69	35.00	1.47	1.50	6.07	9.00
2583	Master Mix Horse Feed.....	Guilford: Fred C. Morse & Son .	9.71	14.31	10.00	3.07	3.00	5.36	9.00
2482	Master Mix Layer Concentrate.....	Seymour: Seymour Grain & Coal Co.	8.71	37.50	34.00	3.02	1.00	5.86	7.50
5397	Master Mix Pig Concentrate.....	Pawcatuck: The C. W. Campbell Co.	10.76	41.13	38.00	1.14	1.50	5.82	8.00
4850	Master Mix Poult Concentrate.....	Guilford: Fred C. Morse & Son .	13.00	38.19	36.00	1.51	1.50	5.47	7.00
5624	Master Mix Pullet Grower	Seymour: Seymour Grain & Coal Co.	8.34	20.94	18.00	3.88	2.50	5.25	7.00
5398	Master Mix Sow Concentrate.....	Pawcatuck: The C. W. Campbell Co.	9.74	36.38	34.00	1.57	1.50	6.72	9.00
5118	Master Mix Turkey Grower	Seymour: Seymour Grain & Coal Co.	11.21	23.63	20.00	2.69	2.50	5.76	7.00
4865	Master Mix Turkey Grower Concentrate.....	Guilford: Fred C. Morse & Son .	10.35	35.19	33.00	1.28	1.50	6.74	8.00
5627	Master Mix Waylac.....	Seymour: Seymour Grain & Coal Co.	8.61	18.75	17.00	3.26	2.00	5.37	7.00
Machnicki's Grain Store, Jewett City, Conn.									
4932	Machnicki's Hi-Energy All-Mash Layer.....	Jewett City: Machnicki's Grain Store.....	12.36	16.31	15.50	3.44	3.50	3.70	4.50
Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada									
5540	Maple Leaf Shorts.....	Bridgeport: Brooklawn Grain & Feed Co.....	9.37	18.75	15.00	5.04	4.00	7.57	9.50
3106	Rex Wheat Bran.....	New London: New London Grain Co.....	9.90	15.25	14.00	4.91	3.50	10.00	12.00
Maritime Milling Co., Inc., Buffalo, N. Y.									
2706	BB Bull Brand "16" Dairy Ration.	Bridgeport: Savitt Grain Exchange.....	8.89	19.69	16.00	3.24	3.00	7.50	9.00
2704	BB Bull Brand Fitting Ration.....	Bridgeport: Savitt Grain Exchange.....	10.01	18.00	13.00	2.59	3.00	7.55	10.00
5531	BB Bull Brand 18% Special Dairy Ration.....	Bridgeport: Savitt Grain Exchange.....	8.18	17.88	18.00	3.29	3.00	8.97	10.00
2705	BB Horse Feed.....	Bridgeport: Savitt Grain Exchange.....	10.84	11.88	9.00	3.24	3.00	6.02	10.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Maritime Milling Co., Inc., Buffalo, N. Y.—Cont.									
2703	BB MA-CO Broiler Finishing Ration	Bridgeport: Savitt Grain Ex- change.....	11.31	19.38	18.00	3.26	3.00	2.80	3.00
2702	BB MA-CO Complete Breeder Ration.....	Bridgeport: Savitt Grain Ex- change.....	11.81	18.75	17.00	3.61	3.00	2.39	3.00
2700	BB MA-CO Complete Growing Ration.....	Bridgeport: Savitt Grain Ex- change.....	11.87	19.06	16.00	3.37	2.50	2.35	3.50
5339	BB MA-CO Complete Laying Ration.....	Gaylordsville: Elmer E. Carlson. Bridgeport: Savitt Grain Ex- change.....	11.36	20.31	17.00	3.90	3.00	2.07	3.00
5530	BB MA-CO Egg Mash.....	Bridgeport: Savitt Grain Ex- change.....	9.95	21.38	21.00	3.70	3.00	2.00	3.50
5537	BB MA-CO Turkey Fitting Ration.	Bridgeport: Savitt Grain Ex- change.....	10.54	14.50	11.00	4.69	3.50	4.20	6.00
2701	Dollar \$ Maker Brand Egg Mash...	Bridgeport: Savitt Grain Ex- change.....	9.76	20.19	20.00	2.91	2.50	7.05	8.00
Meadow Brook Farms, Nazareth, Pa.									
5060	Meadow Brook Farms Dehydrated Alfalfa Meal.....	Derby: Derby Feed Store.....	7.64	17.25	17.00	2.66	2.00	22.67	27.00
Meech & Stoddard, Inc., Middletown, Conn.									
5441	M & S Economy Dairy Feed.....	Middletown: Meech & Stoddard, Inc.....	8.64	16.25	16.00	4.31	3.50	10.00	10.00
4614	Red Wing Calf Starter & Grower...	Middletown: Meech & Stoddard, Inc.....	11.91	16.25	16.00	3.75	3.50	0.37	8.00
2414	Red Wing 15% Dairy Feed.....	Middletown: Meech & Stoddard, Inc.....	9.46	16.38	15.00	3.64	3.80	6.90	9.00
5438	Red Wing Fitting Ration.....	Middletown: Meech & Stoddard, Inc.....	9.13	14.63	14.00	4.13	4.00	9.60	10.00

2415 Red Wing Growing Mash	Middletown: Meech & Stoddard, Inc.	8.97	19.50	17.00	3.84	3.00	6.40	8.00	
5440 Red Wing Horse Feed	Middletown: Meech & Stoddard, Inc.	10.59	11.75	9.00	3.59	3.50	5.00	8.00	
2413 Red Wing Laying Mash	Middletown: Meech & Stoddard, Inc.	9.54	20.38	18.00	3.14	3.20	7.55	8.00	
4615 Red Wing Pig & Hog Feed	Middletown: Meech & Stoddard, Inc.	11.50	16.50	17.50	3.03	4.00	5.05	7.90	
5437 Red Wing Stock Feed	Middletown: Meech & Stoddard, Inc.	6.74	10.44	16.00	3.11	2.50	13.07	11.00	
5436 Special Balance Growing Mash	Middletown: Meech & Stoddard, Inc.	8.68	18.56	18.00	3.63	4.00	7.12	7.50	
5439 Special Balance High Antibiotic Laying Mash	Middletown: Meech & Stoddard, Inc.	9.11	15.88	17.00	3.12	3.00	5.55	7.00	
4613 Special Balance High Efficiency Complete Laying Mash	Middletown: Meech & Stoddard, Inc.	11.00	21.00	16.00	3.06	3.00	6.77	5.50	
5407 Special Balance High Efficiency Starter & Broiler Mash	Middletown: Meech & Stoddard, Inc.	8.76	23.69	21.00	3.44	3.00	2.37	4.00	
5435 Special Balance Laying Mash	Middletown: Meech & Stoddard, Inc.	8.81	19.25	20.00	3.15	3.50	7.05	7.50	
4612 Special Balance Starting Mash	Middletown: Meech & Stoddard, Inc.	11.07	21.88	20.00	3.43	3.50	5.57	7.00	
The Mennel Milling Co., Toledo, Ohio									
5399 MEMO Wheat Flour Middlings with Ground Wheat Screenings	Norwich: The A. E. Shedd Co. Inc.	11.19	17.00	14.00	4.50	3.50	5.50	6.00	
Miller Alfalfa Co., Defiance, Ohio									
4526 Miller's Choice Brand 17% Dehydrated Alfalfa Meal	Derby: Derby Feed Store	10.36	17.63	17.00	2.21	1.50	22.27	27.00	
4582 Miller's Choice Brand 17% Dehydrated Alfalfa Meal	Norwich: The Yantic Grain & Products Co.	7.66	16.13	17.00	2.39	1.50	26.62	27.00	
Miner-Hillard Milling Co., Wilkes-Barre, Pa.									
4644 Choice Steam Cooked Hominy Feed	Colchester: P. Cutler, Inc.	12.00	10.50	10.00	5.76	5.00	2.95	5.00	
5334 M-H Dairy Feed—18%	Bloomfield: The Bloomfield Farmers' Exchange, Inc.	9.79	22.25	18.00	4.76	3.50	7.10	9.50	

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Minnesota Linseed Oil Co., Minneapolis, Minn.									
5637	36% Protein Solvent Extracted Linseed Oil Meal.....	Norwalk: The Libner Grain Co..	12.46	37.50	36.00	1.79	0.50	8.62	9.50
Minute Maid Corporation, Leesburg, Fla.									
2978	Golden Isle Citrus Pulp.....	Abington: Abington Big Y Grain Co.....	6.21	6.75	5.50	4.63	2.75	8.42	15.00
Molson's Brewery Ltd., Montreal, Quebec, Canada									
3049	Dried Brewers' Grains.....	Long Hill: Long Hill Feed Store.	6.86	26.06	22.00	4.81	7.00	6.95	15.00
Geo. Q. Moon & Co., Inc., Binghamton, N. Y.									
3254	Moon Complete Laying Mash.....	Jewett City: Machnicki's Grain Store.....	9.62	17.06	16.00	4.39	3.50	6.12	7.00
5350	Moon Dairy Fitting Ration.....	Norfolk: Curtis & Collar.....	11.68	15.31	13.00	3.39	4.00	8.05	9.00
5349	Moon 16% Dairy Ration.....	Norfolk: Curtis & Collar.....	12.26	17.56	16.00	3.96	3.50	8.85	10.00
5348	Moon Hog Feed.....	Norfolk: Curtis & Collar.....	11.28	14.06	13.00	3.89	3.00	6.85	12.00
5347	Moon Horse Feed with Molasses...	Norfolk: Curtis & Collar.....	12.70	11.94	9.00	1.99	1.50	6.30	10.00
3253	Moon Laying Mash.....	Jewett City: Machnicki's Grain Store.....	9.50	23.88	20.00	4.04	3.50	6.57	7.00
2688	Moon Rabbit Pellets.....	Bridgeport: Brooklawn Grain & Feed Co.....	8.84	18.94	15.00	3.58	2.50	10.50	12.00
4566	Moon Scratch Feed.....	Bridgeport: Brooklawn Grain & Feed Co.....	12.93	10.06	10.00	2.90	2.00	2.52	5.00
Fred C. Morse & Son, Guilford, Conn.									
2580	Old Mill Calorized Broiler Finisher.	Guilford: Fred C. Morse & Son.	10.81	21.06	17.50	3.80	3.00	2.85	4.00
5406	Old Mill Calorized Broiler Finisher.	Guilford: Fred C. Morse & Son.	10.11	21.06	20.00	4.19	5.00	2.10	2.60
5405	Old Mill Calorized Broiler Mash...	Guilford: Fred C. Morse & Son.	11.20	23.44	23.00	4.61	5.00	2.12	2.60

4677	Old Mill 16% Dairy Feed	Guilford: Fred C. Morse & Son.	13.55	16.75	16.00	3.18	2.50	4.90	8.00
4868	Old Mill Fitting Feed	Guilford: Fred C. Morse & Son.	12.81	13.88	14.00	2.53	3.00	4.57	8.00
2677	Old Mill Growing Mash	Guilford: Fred C. Morse & Son.	9.70	20.25	18.00	4.01	3.50	5.35	6.50
2581	Old Mill Laying Mash	Guilford: Fred C. Morse & Son.	8.31	17.13	16.00	3.69	3.50	6.05	7.50
4869	Old Mill High-Energy Laying Mash	Guilford: Fred C. Morse & Son.	12.46	17.75	16.00	3.29	3.00	3.40	5.00
2582	Old Mill Hog Feed	Guilford: Fred C. Morse & Son.	9.41	17.00	14.00	3.54	3.50	5.92	6.00
4870	Old Mill Laying Mash	Guilford: Fred C. Morse & Son.	12.35	21.06	20.00	3.58	3.50	6.64	7.50
5404	Old Mill Turkey Grower	Guilford: Fred C. Morse & Son.	8.82	21.88	20.00	3.66	3.00	5.77	6.50

Mowat, Wilson & Co., Detroit, Michigan

2481	Dried Beet Pulp	Derby: Derby Feed Store	8.21	9.38	7.00	0.38	0.30	18.15	22.50
4573	Dried Beet Pulp	Pawcatuck: The C. W. Campbell Co.	10.46	8.56	7.00	0.62	0.30	17.90	22.50
4933	Dried Beet Pulp	Jewett City: Machnicki's Grain Store	12.65	9.00	7.00	0.90	0.30	19.05	22.50
5044	Dried Beet Pulp	New Milford: Soule Grain Co.	9.31	9.13	7.00	0.36	0.30	18.12	22.50
4955	Dried Molasses-Beet Pulp	Willimantic: W. D. Grant Co.	12.34	9.38	7.00	0.50	0.30	14.27	20.00

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

4763	Hominy Feed	Colchester: Einhorn's Grain Store	11.76	11.25	10.00	8.21	6.50	3.97	7.50
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National Biscuit Co., Toledo, Ohio

4620	Namico	Plantsville: C. A. Cowles, Inc.	13.17	14.88	14.00	4.14	3.50	5.50	9.00
4535	Pure Wheat Bran	Shelton: Wolf Savitsky & Sons, Inc.	12.64	14.25	13.00	3.14	3.00	8.00	10.00

National Distillers Products Corp., New York, N. Y.

4565	Corn Distillers Dried Grains	Shelton: Wolf Savitsky & Sons, Inc.	7.39	25.69	25.00	7.09	6.00	10.27	15.00
5388	Corn Distillers Dried Grains	Pawcatuck: The C. W. Campbell Co.	6.47	28.13	25.00	8.91	6.00	7.20	15.00
2407	Nadrisol Brand Corn Distillers Dried Solubles	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.	7.86	30.25	25.00	9.78	6.00	3.07	4.00
5058	Produlac Brand Corn Distillers Dried Grains with Solubles	Derby: Derby Feed Store	8.37	27.25	25.00	7.89	6.00	6.77	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
National Foods, Inc., Indianapolis, Ind.									
5442	Pulverized Feed Oats	Middletown: Meech & Stoddard Inc.....	9.10	12.63	11.00	2.25	2.00	12.44	15.00
National Fruit Product Co., Inc., Winchester, Va.									
5648	White House Dehydrated Apple Pulp.....	Manchester: Little & McKinney Inc.....	8.86	5.50	3.75	6.79	3.25	16.10	19.00
Neumond Co., St. Louis, Mo.									
5640	Neumond's 26% Brewers' Dried Grains	Shelton: Wolf Savitsky & Sons, Inc.....	7.94	26.06	26.00	5.63	4.50	13.92	18.00
4847	Neumond's Corn Distillers Dried Grains Animal & Poultry Feed...	Danbury: Big Y Feed Co.....	9.69	27.88	25.00	7.54	5.00	10.80	16.00
4567	Standard's 13% Suncured Steamed Dairy Cut Alfalfa	Pawcatuck: The C. W. Campbell Co.....	8.75	16.94	13.00	2.13	1.00	20.85	33.00
The New Century Co., Chicago, Ill.									
4594	Century Brewers Dried Grains.....	Middletown: Meech & Stoddard Inc.....	9.14	29.13	24.00	5.79	5.00	10.67	18.00
Newton Concentrates, Ashby, Mass.									
4922	Newton Bovine Concentrates (Sweet Super).....	Middletown: Conn. State Hospi- tal.....	12.91	16.63	16.00	5.13	5.00	7.22	9.00
4923	Newton Green Roughage Concen- trates.....	Middletown: Conn. State Hospi- tal.....	12.27	15.44	14.00	3.09	3.00	11.42	12.00
Nopco Chemical Co., Harrison, N. J.									
2504	Nopdex "3000".....	Norwich: The Yantic Grain & Products Co.....	8.50	47.63	40.00	1.64	0.50	5.75	9.00

Ogden Grain Co., Utica, N. Y.

2953	Ogden Aureomycin Mixture	Central Village: Ogden Grain Store	9.91	22.06	20.00	3.51	3.50	6.53	7.00
2951	Ogden Broiler Finisher Feed	Central Village: Ogden Grain Store	10.43	19.06	15.00	2.87	3.00	4.10	6.00
5301	Ogden Broiler Finisher Feed	Central Village: Ogden Grain Store	11.51	18.25	18.00	3.83	3.00	3.52	4.00
2971	Ogden Chick Feed	Moosup: United Co-Op Farmers Inc.	12.00	10.75	....	2.82	....	1.12	....
2952	Ogden Complete Chick Starter	Central Village: Ogden Grain Store	9.96	22.06	20.00	3.56	3.00	5.91	7.00
5300	Ogden 16% Dairy Feed	Central Village: Ogden Grain Store	12.00	15.69	16.00	3.25	3.50	6.47	9.00
2956	Ogden Fitting Ration	Central Village: Ogden Grain Store	9.81	17.13	14.00	3.44	3.00	8.71	9.00
5280	Ogden Hi-Energy Laying Mash	Central Village: Ogden Grain Store	11.91	18.13	16.00	3.50	3.00	3.52	4.00
2955	Ogden Hi-Energy Starter & Broiler	Central Village: Ogden Grain Store	10.32	23.63	22.00	3.34	3.00	3.82	4.00
5303	Ogden Horse Feed	Central Village: Ogden Grain Store	12.10	10.25	10.00	3.09	3.00	6.92	9.00
2954	Ogden Laying Mash	Central Village: Ogden Grain Store	9.22	20.44	20.00	3.11	3.50	5.35	6.00
5302	Ogden Rabbit Pellets	Central Village: Ogden Grain Store	10.11	16.75	16.50	3.04	3.00	9.05	13.00
2957	Ogden Scratch Grains	Central Village: Ogden Grain Store	11.58	10.75	9.00	3.59	3.00	3.05	6.00
5299	Ogden U T K Fitting Ration	Central Village: Ogden Grain Store	11.66	15.19	14.00	3.53	3.00	8.35	12.00

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

3004	Ogilvie Wheat Bran	Willimantic: Boston Grain Co...	9.11	14.75	15.00	4.66	3.50	10.68	11.50
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The Park & Pollard Co., Inc., Buffalo, N. Y.

5619	Go-To-It Pig Grower	Colchester: P. Cutler, Inc.....	8.41	15.19	14.00	3.72	3.50	5.40	7.00
4753	Green Acres 14%	Colchester: P. Cutler, Inc.....	11.06	17.88	14.00	3.13	3.00	8.80	10.00
5644	Hi-Prime Complete Turkey Grower	Willimantic: W. D. Grant Co...	9.25	21.69	20.00	4.91	3.50	4.90	5.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—Concluded

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)									
The Park & Pollard Co., Inc., Buffalo, N. Y.—Cont.									
5615	Hi-Prime Turkey Finisher	Colchester: P. Cutler, Inc.	10.12	19.63	14.00	3.60	3.50	4.60	5.00
5618	Hi-Prime Turkey Fitting Ration	Colchester: P. Cutler, Inc.	11.67	12.25	12.00	3.99	3.00	3.71	8.50
5376	Lay or Bust All Mash Grower	Putnam: Dayville Grain & Feed Co.	10.10	16.56	15.50	4.33	3.50	3.97	4.50
5377	Lay or Bust All Mash Layer	Putnam: Dayville Grain & Feed Co.	10.74	16.50	16.00	4.39	3.50	4.37	4.50
4756	Lay or Bust Broiler Finishing Mash	Colchester: P. Cutler, Inc.	9.71	20.88	18.00	3.38	3.50	4.00	4.00
5272	Lay or Bust Chick Scratch	Woodbury: C. L. Adams Co.	13.81	9.88	9.00	2.38	2.00	1.27	3.50
5008	Lay or Bust Egg Mash	Willimantic: W. D. Grant Co.	11.00	21.88	20.00	3.00	3.50	4.37	5.00
5621	Lay or Bust Fleshing Pellets	Colchester: P. Cutler, Inc.	9.74	18.19	16.00	3.47	3.50	3.75	5.00
5016	Lay or Bust Growing Feed	West Cheshire: Cheshire Grain & Coal Co.	11.26	21.13	18.00	3.79	3.50	4.50	5.00
5620	Milk Maid Bulky Sweet Dairy	Colchester: P. Cutler, Inc.	8.66	15.19	12.00	2.84	2.50	9.05	14.00
5610	Milk Maid Calf Starter Mix	Colchester: P. Cutler, Inc.	11.20	21.50	19.00	4.81	3.50	5.20	8.00
4752	Milk Maid 16% Dairy Ration	Colchester: P. Cutler, Inc.	11.84	19.31	16.00	5.01	4.00	5.60	9.00
5357	Milk Maid 20% Dairy Ration	New Hartford: The Geo. W. Case, Inc.	10.19	19.94	20.00	4.06	4.00	6.87	9.00
5010	Milk Maid Dry Fresh Ration	Willimantic: W. D. Grant Co.	11.24	13.88	12.00	3.00	3.00	9.00	10.00
5009	Milk Maid Fitting Ration	Willimantic: W. D. Grant Co.	11.36	15.13	14.00	3.04	3.00	7.22	9.00
5271	Milk Maid Goat Feed	Woodbury: C. L. Adams Co.	12.00	13.75	16.00	3.26	3.00	5.77	9.00
5370	Milk Maid Test Cow Ration	Putnam: Dayville Grain & Feed Co.	9.46	18.25	18.00	4.59	4.00	5.90	9.00
4751	Milk Maid 14% Test Ration	Colchester: P. Cutler, Inc.	11.40	15.81	14.00	4.11	4.00	6.50	9.00
5007	Park & Pollard Complete Grower	Willimantic: W. D. Grant Co.	10.10	17.19	15.00	2.40	3.00	5.65	6.00
5011	Park & Pollard Complete Layer	Willimantic: W. D. Grant Co.	9.81	18.94	15.00	3.11	3.00	4.95	6.00
4754	Park & Pollard 16% Dairy Ration	Colchester: P. Cutler, Inc.	11.91	19.88	16.00	3.08	3.00	6.62	10.00
4755	Park & Pollard Laying Mash	Colchester: P. Cutler, Inc.	10.51	24.69	20.00	2.89	3.00	5.67	7.00

5017	Park & Pollard Rabbit Pellets	West Cheshire: Cheshire Grain & Coal Co.	10.30	18.94	17.00	3.61	3.00	9.50	12.00
5617	Park & Pollard Stock Feed	Colchester: P. Cutler, Inc.	10.11	15.25	12.00	2.94	2.00	9.82	12.00
5355	Red Ribbon 16% Dairy Ration	New Hartford: The Geo W. Case, Inc.	11.16	18.31	16.00	3.37	3.50	9.47	11.00
5356	Red Ribbon 20% Dairy Ration	New Hartford: The Geo. W. Case, Inc.	10.83	21.13	20.00	4.71	3.50	7.47	11.00
5270	Yankee Horse Feed	Southbury: C. L. Adams Co.	13.89	15.50	10.00	3.38	2.50	6.40	10.00
Parrish & Heimbecker Ltd., Toronto, Ontario, Canada									
3273	Parrheim Pure Wheat Bran	Seymour: Seymour Grain & Coal Co.	9.60	14.50	14.00	3.64	3.50	8.67	11.50
3272	Parrheim Pure Wheat Shorts	Seymour: Seymour Grain & Coal Co.	11.31	15.00	14.00	3.75	3.50	4.06	8.00
Pasco Packing Co., Dade City, Fla.									
5137	Sugar Sweet Citrus Meal	Willimantic: Checkerboard Feed Store	13.11	6.38	6.00	2.23	2.00	8.87	13.50
2572	Sugar Sweet Citrus Pulp	Plantsville: C. A. Cowles, Inc.	8.42	6.13	6.00	4.57	3.00	10.05	13.50
4773	Penick & Ford Ltd., Inc., Cedar Rapids, Iowa 21% Protein Douglas Corn Gluten Feed	Norwalk: The Libner Grain Co.	12.11	24.25	21.00	1.24	1.00	6.95	10.00
Phenix Foods Co., Div. of Kraft Foods, Chicago, Ill.									
4579	Kraco Dried Whole Whey	Norwich: The Yantic Grain & Products Co.	5.01	13.00	12.00	2.52	0.50	.....	.....
Pierce's Granary, Brooklyn, Conn.									
5382	Pierce Hi-Energy Mash	Brooklyn: Pierce's Granary	9.59	18.00	16.00	4.35	3.00	4.36	4.50
2973	Pierce Laying Mash	Brooklyn: Pierce's Granary	9.16	23.00	20.00	4.91	3.00	5.32	7.50
2972	Pierce Special Layer	Brooklyn: Pierce's Granary	10.00	17.00	16.00	5.31	3.00	3.82	5.00
Pillsbury Mills, Inc., Minneapolis, Minn.									
5403	Pillsbury's Hard Wheat Bran with Ground Wheat Screenings not Exceeding Mill Run	Norwich: The A. E. Shedd Co.	10.87	15.81	14.50	4.34	3.50	8.95	11.00
5558	Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings not Exceeding 8%	Kensington: A. S. Labieniec	9.26	19.56	15.00	5.40	4.00	8.25	9.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
R. C. Pratt & Co. Ltd., Toronto, Ontario, Canada									
5059	Ruler Brand Pure Wheat Bran.....	Derby: Derby Feed Store.....	10.30	14.56	15.00	4.23	3.50	9.12	11.50
Publicker Industries Inc., Philadelphia, Pa.									
4527	Paco Molasses Distillers Dried Solu- bles.....	Derby: Derby Feed Store.....	10.05	15.63	12.00	2.22	0.50	2.34	5.00
Purity Flour Mills Ltd., St. Bonface, Goderich, Calgary, Canada									
5152	Pioneer Bran.....	Danielson: Dayville Grain & Feed Co.....	12.20	15.50	15.00	3.86	3.50	9.78	11.50
The Quaker Oats Co., Chicago, Ill.									
3115	Bell Cow Wheat Bran.....	Pawcatuck: The C. W. Campbell Co.....	10.40	16.19	15.00	4.73	3.50	10.01	11.50
4525	Bell Cow Wheat Shorts.....	Derby: Derby Feed Store.....	12.34	18.63	16.00	5.43	4.00	6.87	8.00
5650	Ful-O-Pep Chick Starter.....	East Wallingford: Riotte Grain & Fuel.....	9.74	19.13	20.00	4.28	4.00	5.81	7.00
5030	Ful-O-Pep Derwood Horse Crunch..	New Britain: C. W. Lines Co. . .	10.12	16.75	15.00	3.98	4.00	6.75	10.00
5028	Ful-O-Pep Egg Breeder Mash.....	New Britain: C. W. Lines Co. . .	10.46	19.50	20.00	3.51	3.50	6.85	8.00
5649	Ful-O-Pep Fine Chick Grains.....	Manchester: Little & McKinney Inc.....	11.11	9.94	9.00	3.00	2.00	1.80	3.50
2900	Ful-O-Pep Fitting Feed.....	Manchester: Little & McKinney Inc.....	9.20	14.25	14.00	3.16	3.00	6.17	10.00
4484	Ful-O-Pep Growing Mash.....	Manchester: Little & McKinney Inc.....	12.38	20.44	19.00	4.05	3.50	6.07	8.00
5323	Ful-O-Pep High Sweet Blend.....	Hartford: Hartford Pet & Poul- try Supply.....	10.02	4.19	3.00	0.55	0.50	16.50	20.00
5027	Ful-O-Pep Laying Mash.....	New Britain: C. W. Lines Co. . .	9.86	19.75	20.00	3.33	3.00	6.60	8.00
5029	Ful-O-Pep Super Greens.....	New Britain: C. W. Lines Co. . .	9.92	18.50	19.00	4.11	4.00	6.76	8.00

5031	Ful-O-Pep Sweet 16 Dairy Feed . . .	New Britain: C. W. Lines Co. . .	10.62	17.38	16.00	2.41	2.50	9.57	12.00
2899	Ful-O-Pep Turkey Breeder Pellets . .	Manchester: Little & McKinney Inc.	6.97	20.50	20.00	3.71	3.50	6.37	8.00
5324	Ful-O-Pep 26% Turkey Grower . . .	Hartford: Hartford Pet & Poul- try Supply	10.01	26.69	26.00	4.03	3.00	7.92	8.00
4846	Peterborough Oat Mill By-Product . .	Danbury: Big Y Feed Co.	10.15	3.50	2.50	1.05	1.00	27.75	32.00
4485	Quaker Sugared Schumacher Feed . .	Manchester: Little & McKinney Inc.	11.74	13.00	12.00	2.88	2.50	8.26	12.00
5577	Vim Oat Mill By-Product	South Coventry: L. C. Latimer Inc.	6.60	3.13	2.50	1.23	1.00	29.35	32.00
2686	White Hominy Feed	North Haven: Joel P. Beach	9.01	12.06	9.00	5.05	5.00	5.32	7.50

Quebec Sugar Refinery, Rouville County, Quebec, Canada

5598	Dried Beet Pulp	East Haddam: East Haddam Grain Co.	9.44	7.69	7.00	1.04	0.30	19.90	22.50
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Ralston Purina Co., St. Louis, Mo.

3229	Northeastern Scratch Feed	Norwich: Checkerboard Feed Store	13.15	10.88	9.00	2.38	2.00	2.41	5.00
4877	Northeastern Scratch Feed	Deep River: Deep River Farm Supply	13.00	9.63	9.00	2.26	2.00	2.57	5.00
4796	41% Protein Cottonseed Meal	New Canaan: Clapboard Hill Feed Co., Inc.	10.35	40.38	41.00	1.69	....	11.41	....
5545	36% Protein (Expeller Process) Lin- seed Meal	New Milford: Checkerboard Feed Store	9.92	36.88	36.00	2.28	0.50	7.42	9.50
3011	Purina B & M Cow Chow	Willimantic: Checkerboard Feed Store	8.48	18.75	16.00	3.35	3.50	4.47	7.00
5550	Purina Beef Chow	New Milford: Checkerboard Feed Store	8.42	33.56	32.00	2.76	2.50	5.87	8.00
3009	Purina Breeder Lay Chow E	Willimantic: Checkerboard Feed Store	8.15	25.75	22.00	4.50	2.50	4.07	5.50
5606	Purina Breeder Layena (Complete Ration) E	Norwich: Checkerboard Feed Store	9.50	19.50	16.00	5.63	2.50	3.25	5.00
5136	Purina Bulky Las	Willimantic: Checkerboard Feed Store	13.14	10.50	10.00	2.43	1.50	14.95	15.00
3233	Purina Calf Startena E	Norwich: Checkerboard Feed Store	11.47	25.00	19.50	2.85	2.50	6.26	9.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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
Ralston Purina Co., St. Louis, Mo.—Cont.			Pounds per hundred (or per cent)						
4799	Purina Chick Chow (Coarse)	New Canaan: Clapboard Hill Feed Co., Inc.	14.24	9.50	9.00	3.44	2.00	1.57	4.00
3234	Purina Chick Chow (Fine)	Norwich: Checkerboard Feed Store	12.76	11.00	10.00	4.87	2.00	1.37	4.00
3010	Purina Chick Growena E.	Willimantic: Checkerboard Feed Store	9.08	18.75	17.00	4.74	3.00	4.47	7.00
5134	Purina Chick Growing Chow E.	Willimantic: Checkerboard Feed Store	10.21	24.00	23.00	3.53	2.50	6.07	8.00
5547	Purina Complete Sow & Pig Chow E	New Milford: Checkerboard Feed Store	10.48	18.38	16.00	3.73	2.50	4.45	6.00
2685	Purina Cow Chow 14%	North Haven: Joel P. Beach	9.92	15.81	14.00	2.93	3.00	5.25	10.00
4797	Purina Cow Chow 16%	New Canaan: Clapboard Hill Feed Co., Inc.	13.26	16.63	16.00	2.25	3.00	4.87	10.00
3232	Purina Cow Chow 18%	Norwich: Checkerboard Feed Store	11.61	18.13	18.00	2.24	3.00	5.11	10.00
5057	Purina Cow Chow Concentrate	New Milford: Checkerboard Feed Store	9.50	31.94	32.00	1.53	1.50	5.25	9.00
5055	Purina Cow Chow Supplement	New Milford: Checkerboard Feed Store	9.41	24.19	24.00	2.50	2.50	6.20	11.00
3105	Purina D & F Chow	New London: New London Grain Co.	9.51	13.63	12.50	3.26	2.50	7.67	12.00
5608	Purina 16% Dairy Chow	Norwich: Checkerboard Feed Store	10.31	22.75	16.00	3.33	2.50	8.27	15.00
5047	Purina 18% Dairy Chow	New Milford: Checkerboard Feed Store	9.32	17.38	18.00	2.69	2.50	7.65	15.00
5546	Purina Duck Growena E.	New Milford: Checkerboard Feed Store	9.27	19.19	18.00	4.61	3.00	3.67	7.00
5054	Purina Duck Startena E.	New Milford: Checkerboard Feed Store	9.44	21.13	20.00	4.35	3.00	3.67	6.50

5549 Purina Flock Chow E.....	New Milford: Checkerboard Feed Store.....	9.65	19.56	18.00	4.81	2.50	4.77	7.00
5056 Purina Fox Chow.....	New Milford: Checkerboard Feed Store.....	8.86	24.69	20.00	3.50	3.00	5.28	6.00
4889 Purina Fox Chow (Without Meat Meal).....	Deep River: Deep River Farm Supply.....	10.87	17.63	14.00	3.03	2.50	4.86	6.00
4798 Purina Game Bird Breeder Layena (Complete Ration).....	New Canaan: Clapboard Hill Feed Co., Inc.....	11.46	20.63	16.50	3.62	3.00	4.40	8.00
5138 Purina Game Bird Growena E.....	Willimantic: Checkerboard Feed Store.....	10.85	21.38	20.00	4.08	3.00	4.60	7.00
5548 Purina Game Bird Startena.....	New Milford: Checkerboard Feed Store.....	9.20	30.06	28.00	4.04	3.00	4.40	7.00
5148 Purina Goat Chow E.....	Danielson: Checkerboard Distributing Warehouse.....	11.48	17.13	16.00	3.28	3.00	6.22	10.00
5605 Purina Growena Developer E.....	Norwich: Checkerboard Feed Store.....	10.47	13.81	13.00	4.25	2.50	5.50	8.00
5341 Purina Hog Fatena E.....	Cornwall Bridge: R. W. Sandmeyer.....	11.76	14.69	14.00	2.72	2.50	4.90	7.00
5135 Purina Lay Chow G.....	Willimantic: Checkerboard Feed Store.....	10.67	23.00	23.00	4.14	3.50	4.56	5.50
4794 Purina Lay Chow S.....	New Canaan: Clapboard Hill Feed Co., Inc.....	11.31	24.31	23.00	7.18	6.50	2.50	5.00
5201 Purina Layena (Complete Ration) E	West Willington: Hansen's Store	9.39	17.13	16.00	4.51	2.50	3.40	5.00
4795 Purina Layena (Complete Ration) G	New Canaan: Clapboard Hill Feed Co., Inc.....	11.46	17.06	16.00	4.77	3.50	3.45	4.50
4876 Purina Layena (Complete Ration) S	Deep River: Deep River Farm Supply.....	10.81	18.13	16.50	7.76	6.50	3.25	4.50
2684 Purina Milk Chow E 16%.....	North Haven: Joel P. Beach.....	8.81	17.75	16.00	3.30	3.00	6.97	10.00
5046 Purina Mink Chow.....	New Milford: Checkerboard Feed Store.....	9.06	22.75	20.00	4.13	2.00	3.07	5.00
5149 Purina Nursing Chow.....	Danielson: Checkerboard Distributing Warehouse.....	6.69	27.06	25.00	2.70	2.50	0.56	1.50
4793 Purina Omolene.....	New Canaan: Clapboard Hill Feed Co., Inc.....	13.11	11.00	10.00	3.21	3.00	6.77	11.00
5051 Purina Pig Startena E.....	New Milford: Checkerboard Feed Store.....	9.24	20.00	18.00	5.44	4.00	4.52	6.00
5604 Purina Pigeon Chow Checkers E...	Norwich: Checkerboard Feed Store.....	10.18	15.81	13.50	3.34	2.50	2.82	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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	
Ralston Purina Co., St. Louis, Mo.—Cont.			Pounds per hundred (or per cent)							
5048	Purina Poultry Booster Chow E.	New Milford: Checkerboard Feed Store	9.57	25.25	24.00	3.48	2.50	5.42	8.00	
4790	Purina Rabbit Chow Checkers 20%	Fairfield: Fairfield Grain & Seed Co.	10.65	21.25	20.00	2.69	2.00	12.17	16.00	
5133	Purina Rabbit Chow Checkers (Complete Ration) E.	Willimantic: Checkerboard Feed Store	9.90	15.94	15.00	2.19	2.00	12.50	18.00	
5050	Purina Range Checkers E.	New Milford: Checkerboard Feed Store	9.14	22.94	20.00	2.51	2.00	8.80	10.00	
5052	Purina Roaster Chow E.	New Milford: Checkerboard Feed Store	9.14	18.75	17.00	5.68	4.00	4.77	6.50	
5049	Purina Turkey Breeder Developer E	New Milford: Checkerboard Feed Store	9.90	15.13	14.00	3.79	3.00	6.40	8.50	
4390	Purina Turkey Fatena E.	Deep River: Deep River Farm Supply	10.44	16.69	15.50	4.79	3.50	4.80	8.00	
4875	Purina Turkey Growena E.	Deep River: Deep River Farm Supply	10.76	21.50	20.00	5.09	3.50	4.85	7.00	
3008	Purina Turkey Startena E.	Willimantic: Checkerboard Feed Store	8.34	30.88	28.00	4.53	2.50	5.30	6.00	
3007	Screened Cracked Yellow Corn.	Willimantic: Checkerboard Feed Store	11.38	8.75	8.00	3.74	2.50	1.22	3.00	
5053	Wheat Standard Middlings	New Milford: Checkerboard Feed Store	11.00	16.94	15.00	4.84	4.00	6.77	9.50	
Reading Milling Co., Inc., Reading, Pa.										
5061	Faramel Rabbit Food Pellets.	Derby: Derby Feed Store.	8.76	14.63	13.00	3.21	3.00	16.75	15.00	
Reliable Grain & Fuel, Ansonia, Conn.										
2488	Reliable 16% Protein Dairy Feed.	Seymour: Seymour Grain & Coal Co.	11.56	15.63	16.00	2.64	3.00	7.10	9.00	

Rodney Milling Co., Kansas City, Mo.									
5333	Heart of America Pure Wheat Bran.	Bloomfield: Bloomfield Farmers' Exchange, Inc.	11.35	16.38	14.50	5.61	3.50	9.07	10.00
H. M. Rubin Co., Inc., Long Island City, N. Y.									
2510	Rubco Meat Bone Scrap	Norwich: The Yantic Grain & Products Co.	7.45	50.56	50.00	7.61	2.00	2.40	3.00
2586	Rubco Meat Bone Scrap	Guilford: Fred C. Morse & Son	7.01	55.63	55.00	6.21	2.00	1.24	3.00
Russell-Miller Milling Co., Minneapolis, Minn.									
2584	Hard Wheat Occident Bran	Guilford: Fred C. Morse & Son	9.75	18.06	14.00	4.78	4.00	8.40	11.50
2585	Hard Wheat Occident Standard Middlings Containing Ground Wheat Screenings not Exceeding Mill Run	Guilford: Fred C. Morse & Son	9.88	18.06	15.00	4.49	4.00	8.09	9.50
Wolf Savitsky & Sons, Inc., Shelton, Conn.									
5064	Wolf's Calf Ration	Shelton: Wolf Savitsky & Sons, Inc.	10.12	20.38	18.00	2.84	3.00	6.62	8.50
3264	Wolf's Complete Hi-Eff Egg Breeder Mash	Shelton: Wolf Savitsky & Sons, Inc.	9.71	18.75	15.50	3.62	3.00	3.48	4.50
5062	Wolf's Complete Hi-Eff Growing Mash	Shelton: Wolf Savitsky & Sons, Inc.	10.41	18.94	15.50	4.13	3.00	3.70	4.50
3074	Wolf's Egg Mash	Newtown: Newtown Farm Supply Co.	9.47	23.31	20.00	4.13	3.00	3.64	5.50
4564	Wolf's Horse Feed	Shelton: Wolf Savitsky & Sons, Inc.	12.10	12.06	10.00	3.03	3.00	5.97	12.00
5063	Wolf's Pig & Hog Feed	Shelton: Wolf Savitsky & Sons, Inc.	10.82	17.81	16.00	3.94	3.00	5.25	6.00
3073	Wolf's Sweetened 14% Dairy Ration	Newtown: Newtown Farm Supply Co.	8.96	15.81	14.00	3.66	3.00	7.15	9.00
4534	Wolf's Sweetened 16% Dairy Ration	Shelton: Wolf Savitsky & Sons, Inc.	13.09	17.63	16.00	3.04	3.00	5.55	10.00
3266	Wolf's Sweetened 18% Dairy Ration	Shelton: Wolf Savitsky & Sons, Inc.	9.74	19.69	15.00	3.91	3.00	6.71	9.00
3075	Wolf's Sweetened 20% Dairy Ration	Newtown: Newtown Farm Supply Co.	8.32	22.06	20.00	4.52	3.00	7.72	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
Schoeneck Farms, Inc., Nazareth, Pa.									
5445	Schoeneck's Super-Green Dehydrated Alfalfa Meal	Middletown: Meech & Stoddard, Inc.	7.00	18.63	17.00	3.03	2.00	18.15	27.00
Sea Board Supply Co., Philadelphia, Pa.									
2495	Crab Meal	Watertown: The Watertown Co-Op Assn., Inc.	9.34	31.38	31.00	1.04	1.00	10.75	11.00
Joseph E. Seagram & Sons, Inc., Louisville, Ky.									
2690	Seagram's Corn Distillers Dried Grains	Bridgeport: Brooklawn Grain & Feed Co.	6.71	28.13	25.00	9.41	8.00	7.65	11.00
Seymour Grain & Coal Co., Seymour, Conn.									
3275	Miracle All-Mash Layer	Seymour: Seymour Grain & Coal Co.	10.75	15.13	15.00	4.27	3.00	5.73	6.50
2484	Miracle Dairy Ration	Seymour: Seymour Grain & Coal Co.	10.00	16.31	16.00	2.97	2.50	7.30	8.00
5625	Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.	8.84	14.13	14.00	4.29	3.00	7.87	8.00
5115	Miracle Grower	Seymour: Seymour Grain & Coal Co.	11.99	18.25	18.00	3.28	3.00	4.45	6.00
5112	Miracle Hog Ration	Seymour: Seymour Grain & Coal Co.	12.75	18.19	16.00	2.62	3.00	3.90	8.00
2487	Miracle Mash	Seymour: Seymour Grain & Coal Co.	10.46	22.50	20.00	3.52	2.50	5.17	6.50
5113	Miracle Mash	Seymour: Seymour Grain & Coal Co.	11.39	21.88	20.00	3.66	2.50	5.21	6.50
5111	Miracle Scratch Feed	Seymour: Seymour Grain & Coal Co.	13.25	11.06	10.00	2.53	2.50	3.00	6.00

5114	Miracle Turkey Grower	Seymour: Seymour Grain & Coal Co.	12.26	20.81	20.00	2.61	2.50	4.97	6.50
5626	New England Mash	Seymour: Seymour Grain & Coal Co.	9.11	23.06	18.00	4.76	3.00	6.27	8.00
2486	See-More Milk Ration 18%	Seymour: Seymour Grain & Coal Co.	10.25	18.06	18.00	2.85	3.00	7.33	9.50
2485	See-More Milk Ration 20%	Seymour: Seymour Grain & Coal Co.	10.16	21.13	20.00	3.04	3.00	6.91	9.50
The Sherwin-Williams Co., Cleveland, Ohio									
3116	Sherwin-Williams 34% Linseed Oil Meal	Pawcatuck: The C. W. Campbell Co.	9.01	35.25	34.00	2.31	3.50	8.72	9.50
The Smith Meal Co., Inc., Amagansett, N. Y.									
3265	Smith's Life Line Fish Meal	Shelton: Wolf Savitsky & Sons, Inc.	7.04	64.19	55.00	5.31	5.00	0.19	3.00
Allen V. Smith Inc., Marcellus Falls, N. Y.									
3262	Smith's Barley Feed—Red Tag Brand	Derby: Derby Feed Store	10.73	15.81	13.00	4.00	2.00	7.96	10.50
B. T. Smith Concentrates, Inc., Lakeland, Fla.									
4531	B. T. Smith Brand Dried Citrus Pulp	Derby: Derby Feed Store	11.66	6.44	5.00	1.02	3.00	9.80	16.00
J. Howard Smith, Inc., Port Monmouth, N. J.									
2676	Smith's Lifeline Fish Meal	Guilford: Fred C. Morse & Son..	6.44	60.00	60.00	8.85	5.00	0.67	3.00
Soo Line Mills Ltd., Winnipeg, Manitoba, Canada									
5634	Wheat Bran	Seymour: Seymour Grain & Coal Co.	10.00	16.56	14.00	5.04	3.75	10.72	11.50
5635	Wheat Shorts	Seymour: Seymour Grain & Coal Co.	10.11	19.38	16.00	6.56	4.25	5.71	8.00
South Windsor Grain Co., South Windsor, Conn.									
2901	Valley Laying Mash	South Windsor: South Windsor Grain Co.	8.48	20.19	20.00	3.76	4.00	5.65	8.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
A. E. Staley Manufacturing Co., Decatur, Ill.									
2573	Staley's 21% Corn Gluten Feed....	Plantsville: C. A. Cowles, Inc. . .	9.92	21.63	21.00	3.51	1.50	6.70	8.00
5538	Staley's 41% Corn Gluten Meal....	Bridgeport: Brooklawn Grain & Feed Co.....	9.00	42.25	41.00	1.34	1.00	2.02	6.00
5443	Staley's Hi-Pro-Con 50% Protein Dehulled Solvent Extracted Soybean Oil Meal.....	Middletown: Meech & Stoddard, Inc.	8.96	52.63	50.00	0.93	0.50	2.85	3.00
2408	Staley's 44% Protein Solvent Extracted Soybean Oil Meal.....	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.....	9.76	48.63	44.00	0.80	0.50	5.97	7.00
Standard Brands Inc., New York, N. Y.									
3117	Fleischmann's FIDY Type 36-F Irradiated Dry Yeast.....	Pawcatuck: The C. W. Campbell Co.....	4.65	44.13	40.00	2.21	0.50	5.48	10.00
Stein, Hall & Co., Inc., New York, N. Y.									
2707	Locust Bean Meal.....	Bridgeport: Brooklawn Grain & Feed Co.....	9.78	33.69	32.00	1.53	2.50	10.19	10.00
D. A. Stickell & Sons, Inc., Hagerstown, Md.									
4640	Su-Pur Rabbit Pellets.....	Colchester: P. Cutler, Inc.....	11.00	18.50	17.00	3.54	3.00	7.15	10.00
Suni-Citrus Products Co., Haines City, Fla.									
4894	Sweet Suni-Citrus Pulp.....	North Haven: Eastern States Farmers' Exchange, Inc.....	10.35	6.50	6.00	4.70	5.00	11.62	15.00
Sunny Slope Farms, Inc., Nazareth, Pa.									
4864	Sunny Slope Farms Brand Dehydrated Alfalfa Meal.....	Guilford: Fred C. Morse & Son .	8.56	16.50	17.00	1.26	2.00	27.47	27.00

Sunshine Biscuits, Inc., Milling Div., Grafton, Ohio									
5125	U.M.C. Wheat Bran (Pure Wheat Bran)	Amston: Elmore Conn. Stores Inc.	11.72	13.00	13.00	3.84	3.00	9.70	11.00
4750	U.M.C. Wheat Middlings with Ground Screenings not Exceeding Mill Run	Colchester: P. Cutler, Inc.	11.89	14.94	14.00	3.89	3.50	6.95	9.50
Sweetall Manufacturing Co., Williamstown, N. Y.									
5336	Sweet Colass	Bloomfield: The Bloomfield Farmers' Exchange, Inc.	11.34	11.75	9.00	3.29	2.00	10.26	12.50
Swift & Company, Fostoria, Ohio									
5110	Swift's 41% Protein Cottonseed Meal	Shelton: Wolf Savitsky & Sons, Inc.	13.09	42.50	41.00	3.43	3.00	8.72	13.00
3261	Swift's 44% Protein Solvent Extracted Soybean Oil Meal	Derby: Derby Feed Store	9.86	47.81	44.00	0.54	0.50	5.33	7.00
Tennant & Hoyt Co., Lake City, Minn.									
5065	Golden Loaf Wheat Middlings with Ground Wheat Screenings not Exceeding Mill Run	Shelton: Wolf Savitsky & Sons, Inc.	11.01	16.69	16.00	4.54	4.00	8.30	9.50
The Thomaston Supply Co., Inc., Thomaston, Conn.									
2496	Thomaston 18% Dairy Ration	Thomaston: The Thomaston Supply Co., Inc.	12.46	20.19	18.00	3.54	4.00	6.77	9.00
2499	Thomaston Growing Mash	Thomaston: The Thomaston Supply Co., Inc.	10.15	22.38	20.00	3.58	3.50	6.75	6.00
2498	Thomaston Starter & Broiler Mash	Thomaston: The Thomaston Supply Co., Inc.	11.51	22.56	20.00	3.85	3.50	2.80	4.50
Topnotch Flour Mills, Seaforth, Ontario, Canada									
4595	Topnotch Wheat Bran	Middletown: Meech & Stoddard Inc.	12.14	15.31	15.00	4.16	3.50	8.61	11.50
4596	Topnotch Wheat Shorts	Middletown: Meech & Stoddard, Inc.	11.79	15.63	14.00	3.96	3.50	6.63	8.00
Ultra-Life Laboratories, Inc., East St. Louis, Ill.									
2562	Ultra Brand Poul-Centrate	Plantsville: C. A. Cowles, Inc.	9.24	22.50	16.50	7.49	5.50	3.25	5.00
2565	Ultra-Life High Energy Poultry	Plantsville: C. A. Cowles, Inc.	10.07	21.00	17.00	5.04	4.50	2.75	3.50
5638	Ultra-Life Livestock	Shelton: Wolf Savitsky & Sons, Inc.	6.77	27.63	23.00	2.00	2.00	3.27	4.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
United Co-operative Farmers, Inc., Fitchburg, Mass.									
5154	UCF All Mash Grower & Layer	Danielson: United Co-Op Farm- ers, Inc.	10.60	16.06	15.50	4.38	3.50	3.87	5.00
5156	UCF Breeder	Danielson: United Co-Op Farm- ers, Inc.	10.50	20.88	20.00	4.20	2.50	4.00	5.00
5175	UCF Broiler Mash	Danielson: United Co-Op Farm- ers, Inc.	8.91	20.00	20.00	5.79	4.00	3.25	4.00
5304	UCF Calf Starter	Moosup: United Co-Op Farmers, Inc.	12.21	21.38	20.00	3.00	3.00	4.40	6.00
2966	UCF 16% Dairy	Moosup: United Co-Op Farmers, Inc.	8.26	18.00	16.00	5.47	3.50	7.10	9.00
5155	UCF Fitting Ration	Danielson: United Co-Op Farm- ers, Inc.	11.35	14.06	14.00	3.84	3.50	7.20	9.00
3670	UCF Grower	Danielson: United Co-Op Farm- ers, Inc.	11.66	20.25	20.00	3.69	3.50	4.22	5.00
2967	UCF Layer	Moosup: United Co-Op Farmers, Inc.	9.61	20.94	20.00	4.03	3.50	5.00	5.00
5176	UCF Milkmaker	Danielson: United Co-Op Farm- ers, Inc.	10.99	19.81	18.00	3.98	3.50	6.95	9.00
2968	UCF Pig & Hog Feed	Moosup: United Co-Op Farmers, Inc.	9.40	22.25	20.00	3.14	3.00	5.55	7.00
5174	UCF Poultry Fitting Ration	Danielson: United Co-Op Farm- ers, Inc.	11.11	15.63	12.00	2.89	2.50	4.74	7.00
2970	UCF Super Starter	Moosup: United Co-Op Farmers, Inc.	9.12	23.00	20.00	4.83	3.00	3.47	4.00
3668	UCF Turkey Grower & Fattener	Danielson: United Co-Op Farm- ers, Inc.	11.51	21.25	20.00	4.67	3.00	3.20	6.00

Unity Feeds Inc., Boston, Mass.									
2902	Paycheck 18% Dairy Ration	South Windsor: South Windsor Grain Co.	8.86	19.75	18.00	3.39	3.50	8.70	11.00
5362	Unity Bulky Mix Ration	Putnam: Putnam Farmers' Co-Op Assn., Inc.	10.10	12.88	11.00	2.80	2.00	6.37	18.00
5198	Unity Complete Market Egg Mash	West Willington: Hansen's Store	9.87	18.06	15.00	4.09	3.00	4.22	6.00
3109	Unity Complete Rabbit Pellets	Groton: The C. W. Campbell Co.	10.02	17.75	16.00	3.39	3.00	7.07	20.00
5200	Unity Dairy & Fitting Ration	West Willington: Hansen's Store	9.60	15.38	14.00	5.06	3.50	6.62	9.00
3673	Unity 16% Dairy Ration	Putnam: Putnam Farmers' Co-Op Assn., Inc.	11.81	17.81	16.00	3.28	3.50	5.62	9.00
5202	Unity 20% Dairy Ration	West Willington: Hansen's Store	8.89	19.13	20.00	3.84	3.50	7.50	9.00
4791	Unity Growing Mash	Fairfield: Fairfield Grain & Seed Co.	12.51	18.63	18.00	3.04	3.00	6.67	7.00
5361	Unity High Energy Breeder Mash	Putnam: Putnam Farmers' Co-Op Assn., Inc.	10.61	17.13	16.00	3.59	3.00	3.27	4.00
5360	Unity High Energy Growing Mash	Putnam: Putnam Farmers' Co-Op Assn., Inc.	10.01	16.06	15.00	4.20	3.00	4.10	4.50
5365	Unity High Energy Laying Mash	Putnam: Putnam Farmers' Co-Op Assn., Inc.	11.35	15.94	15.00	3.98	3.00	3.67	4.50
4786	Unity Horse Feed	Fairfield: Fairfield Grain & Seed Co.	13.01	10.63	10.00	2.41	3.00	6.30	9.00
3223	Unity Improved Calf Ration	Pawcatuck: The C. W. Campbell Co.	11.71	20.25	20.00	3.25	3.50	6.12	6.00
4785	Unity Laying Mash	Fairfield: Fairfield Grain & Seed Co.	11.36	19.56	20.00	2.66	3.00	5.20	7.00
5199	Unity Pig & Hog Ration	West Willington: Hansen's Store	9.70	20.25	17.00	4.24	3.00	4.40	6.00
4789	Unity Scratch Feed	Fairfield: Fairfield Grain & Seed Co.	14.50	9.94	9.00	2.13	2.50	3.42	5.00
5359	Unity Tri-Way Mash	Putnam: Putnam Farmers' Co-Op Assn., Inc.	9.25	18.19	20.00	4.21	3.00	5.55	6.00
4792	Unity Turkey Finishing Pellets	Fairfield: Fairfield Grain & Seed Co.	12.20	19.56	16.00	3.13	3.00	5.17	7.00
2943	Unity Turkey & Game Bird Growing Mash	South Windsor: South Windsor Grain Co.	9.54	22.25	20.00	3.30	3.00	4.20	5.00
The Watertown Co-Operative Ass'n. Inc., Watertown, Conn.									
2491	Watertown Co-Op Broiler Mash	Watertown: The Watertown Co-Op Assn. Inc.	10.26	23.38	20.00	4.00	4.00	3.12	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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
The Watertown Co-Operative Ass'n., Inc., Watertown, Conn.—Cont.									
2490	Watertown Co-Op Calf Ration.....	Watertown: The Watertown Co-Op. Assn. Inc.	10.32	17.13	14.00	3.50	4.00	6.43	9.00
2492	Watertown Co-Op. Complete Laying Mash.....	Watertown: The Watertown Co-Op. Assn. Inc.	10.98	19.50	15.00	4.04	3.00	2.65	6.00
5527	Watertown Co-Op 16% Dairy Feed	Watertown: The Watertown Co-Op. Assn. Inc.	8.89	18.31	16.00	4.74	4.00	7.02	9.00
5525	Watertown Co-Op Growing Mash..	Watertown: The Watertown Co-Op. Assn. Inc.	9.71	22.06	18.00	4.81	4.00	5.35	7.00
5526	Watertown Co-Op Laying Mash....	Watertown: The Watertown Co-Op. Assn. Inc.	8.74	24.50	20.00	4.03	4.00	5.42	7.00
2493	Watertown Co-Op Starter Mash....	Watertown: The Watertown Co-Op. Assn. Inc.	10.61	24.06	20.00	4.59	4.00	3.19	5.00
H. K. Webster Co., Lawrence, Mass.									
4764	Blue Seal Advance Broiler.....	Colchester: Einhorn's Grain Store.....	10.71	20.88	20.00	4.96	4.00	2.67	4.00
5312	Blue Seal All-Mash Breeder's Ration	Hartford: Hartford Pet & Poultry Supply.....	11.11	18.94	16.00	4.01	3.50	3.27	4.00
3228	Blue Seal All-Mash Egg Ration....	Old Mystic: James Baker.....	12.06	17.38	16.00	3.19	3.00	2.97	4.00
2561	Blue Seal Calf Starter.....	Canaan: Community Service, Inc.....	11.99	21.25	19.00	3.59	3.50	6.09	7.50
5344	Blue Seal Chick Feed.....	Lakeville: Community Service, Inc.....	13.71	10.31	10.00	1.65	2.50	1.42	4.00
3078	Blue Seal Coarse "16" Dairy Ration	Westbrook: Lee's Grain Service.....	9.21	18.75	16.00	4.01	3.50	8.17	9.00
4592	Blue Seal Coarse "20" Dairy Ration	Meriden: Reliable Grain & Feed Store.....	10.96	21.63	20.00	3.58	3.50	6.73	9.00
3227	Blue Seal Economizer "16" Dairy Ration.....	Old Mystic: James Baker.....	11.09	18.75	16.00	2.54	2.50	11.10	15.00

3079	Blue Seal Egg Mash	Westbrook: Lee's Grain Service.	9.40	22.88	20.00	4.64	3.50	5.40	7.00
4783	Blue Seal Fattening Pellets	South Norwalk: The Roodner Feed Co., Inc.	11.11	16.31	14.00	4.24	3.50	4.35	5.50
4819	Blue Seal Fine "20" Dairy Ration	Danbury: Barnum Feed Store	11.29	22.25	20.00	3.26	3.50	7.02	9.00
2538	Blue Seal Fitting Ration	Canaan: Community Service, Inc.	12.30	16.44	14.00	3.96	3.50	6.95	9.00
4782	Blue Seal Goat Feed	South Norwalk: The Roodner Feed Co., Inc.	11.66	17.00	16.00	3.90	3.50	6.77	9.00
4818	Blue Seal Growing Mash	Danbury: Barnum Feed Store	11.26	19.94	18.00	3.79	3.50	5.55	6.50
4835	Blue Seal Horse Feed	Danbury: Barnum Feed Store	13.06	11.19	10.00	3.03	3.00	5.00	9.00
4930	Blue Seal Pig Feed	Jewett City: Jewett City Farm- ers' Co-Op	11.59	17.25	15.00	5.68	4.00	5.32	6.00
5381	Blue Seal Poultry & Turkey Fitting	Brooklyn: Pierce's Granary	12.15	12.63	12.00	2.55	2.50	3.67	6.00
2680	Blue Seal Rabbit Pellets	Branford: S. V. Osborn, Est.	8.79	21.38	20.00	3.49	3.00	8.90	12.00
5386	Blue Seal Standard "16" Dairy Ration	Old Mystic: James Baker	9.25	17.88	16.00	4.33	3.00	7.30	9.00
4931	Blue Seal Succulent Feed & Calving Ration	Jewett City: Jewett City Farm- ers' Co-Op	11.89	12.31	12.00	2.58	2.00	13.51	16.00
2974	Blue Seal Super All-Mash Growing Ration	Brooklyn: Pierce's Granary	9.61	18.25	16.00	3.41	3.00	3.30	4.00
4591	Blue Seal Super Mash	Meriden: Reliable Grain & Feed Store	10.89	21.88	20.00	4.04	3.50	3.54	4.00
2975	Blue Seal Test Ration	Brooklyn: Pierce's Granary	9.11	20.38	18.00	3.79	3.50	6.70	9.00
4593	Blue Seal Turkey Growing	Meriden: Reliable Grain & Feed Store	10.26	20.38	20.00	4.64	3.50	3.88	7.00
West-Nesbitt, Inc., Oneonta, N. Y.									
4631	All Pure Milk Ration	Southington: Louis Perillo Coal Co.	11.16	20.88	20.00	3.54	3.50	7.27	10.00
5566	Cream-Line 16% Dairy Ration	Bristol: Farmers Feed & Supply Co.	8.89	17.63	16.00	3.96	3.50	7.72	10.00
5585	Cream-Line Dairy-Test Ration	Mansfield Depot: G. Merritt Thompson	10.77	19.63	18.00	4.38	3.50	5.73	8.50
5567	Cream-Line 14% Fitting Ration	Bristol: Farmers Feed & Supply Co.	8.69	16.25	14.00	4.23	3.50	6.25	8.50
5586	Pure Feed Chick Grains	Mansfield Depot: G. Merritt Thompson	12.06	11.25	9.00	3.74	2.50	1.52	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—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)									
West-Nesbitt, Inc., Oneonta, N. Y.—Cont.									
4633	Pure Feed Complete Rabbit Pellets.	Southington: Louis Perillo Coal Co.	10.91	17.31	16.00	3.12	3.00	11.19	15.00
5185	Pure Feed Dairy Ration.....	Bristol: Farmers Feed & Supply Co.	9.31	21.31	20.00	3.58	3.50	6.85	10.00
5183	Pure Feed 16% Dairy Ration.....	Bristol: Farmers Feed & Supply Co.	10.61	17.50	16.00	3.64	3.50	7.27	10.00
5187	Pure Feed Dairy-Test Ration....	Bristol: Farmers Feed & Supply Co.	11.33	18.63	18.00	4.00	3.50	6.47	8.50
4632	Pure Feed Egg & Breeder Mash....	Southington: Louis Perillo Coal Co.	11.73	21.88	20.00	2.62	3.00	5.21	7.00
5184	Pure Feed Egg Maker.....	Bristol: Farmers Feed & Supply Co.	10.36	21.88	20.00	3.74	3.00	6.07	7.50
4495	Pure Feed 14% Fitting Ration....	Mansfield Depot: G. Merritt Thompson	13.31	16.19	14.00	3.74	3.50	5.87	8.50
4497	Pure Feed Growing Mash.....	Mansfield Depot: G. Merritt Thompson	12.21	20.69	18.00	5.31	3.00	5.62	7.00
5191	Pure Feed High Energy Layer.....	Bristol: Farmers Feed & Supply Co.	10.06	17.50	16.00	4.30	3.00	3.67	5.00
5192	Pure Feed Horse Ration.....	Bristol: Farmers Feed & Supply Co.	10.96	10.06	9.00	3.32	3.00	6.42	11.00
4496	Pure Feed Swine Ration.....	Mansfield Depot: G. Merritt Thompson	12.12	17.13	16.00	4.11	3.00	6.22	8.00
5190	Pure Feed Turkey Finisher.....	Bristol: Farmers Feed & Supply Co.	10.19	17.63	16.00	3.51	3.00	4.82	7.00
5186	Pure Feed Turkey Grower.....	Bristol: Farmers Feed & Supply Co.	10.66	20.88	20.00	3.84	3.00	5.02	7.00

Western Condensing Co., Appleton, Wis.									
4490	Peebles' M-N-C.....	Manchester: Central Conn. Co-Op Farmers' Assn. Inc.....	11.86	16.56	14.00	2.82	1.00	.....	.....
A. C. Wetherell, Suffield, Conn.									
5325	Special Dairy Mixture No. 3.....	Suffield: A. C. Wetherell.....	10.67	16.13	16.00	4.21	3.50	7.25	9.00
Whitmoyer Laboratories, Inc., Myerstown, Pa.									
3252	Flav-A-DEE.....	Jewett City: Machnicki's Grain Store.....	8.28	28.31	26.00	12.99	12.00	6.48	8.00
4934	Flav-A-DEE.....	Jewett City: Machnicki's Grain Store.....	12.93	29.00	26.00	10.26	12.00	5.35	8.00
Wilkins-Rogers Milling Co., Inc., Washington, D. C.									
5314	Washington Coarse Scratch Feed...	Hartford: D. Rudin, Inc.....	13.06	9.13	10.00	3.09	2.50	1.90	4.00
5321	Washington Growing Mash.....	Hartford: D. Rudin, Inc.....	10.14	20.31	20.00	3.62	3.00	5.40	8.00
5313	Washington Laying Mash.....	Hartford: D. Rudin, Inc.....	10.29	21.56	20.00	4.27	3.00	5.42	8.00
Wisconsin Malting Co., Milwaukee, Wis.									
5601	Malt Sprouts.....	Norwich: The Yantic Grain & Products Co.....	7.50	27.19	24.00	1.35	1.00	12.78	16.00
The Yantic Grain and Products Co., Norwich, Conn.									
4848	Big Y All-In-All Egg Ration.....	Danbury: Big Y Feed Co.....	11.34	18.94	15.00	4.29	3.50	5.12	7.00
5330	Big Y All-In-All Growing Ration...	Simsbury: Big Y Feed Co.....	10.12	16.13	16.00	4.31	3.00	5.97	7.00
2965	Big Y Breeder Mash.....	Moosup: Moosup Grain Co.....	8.65	20.75	20.00	4.00	3.00	5.47	7.00
5519	Big Y Calf Starter & Builder.....	Torrington: Big Y Feed Co.....	9.74	18.75	17.50	2.59	2.50	5.57	7.50
2508	Big Y Calving Ration.....	Norwich: The Yantic Grain & Products Co.....	11.06	16.44	14.00	4.14	3.50	8.82	11.00
2976	Big Y Chick Scratch Grains.....	Abington: Abington Big Y Grain Co.....	11.53	11.06	10.00	3.39	2.00	0.89	4.00
3006	Big Y Dairy & Fitting Ration.....	Willimantic: Boston Grain Co...	8.78	15.81	14.00	4.19	3.50	7.49	9.00
3053	Big Y 16% Dairy Ration.....	Stepney: Big Y Grain Co.....	9.64	18.94	16.00	4.34	3.50	7.09	8.50
2506	Big Y 18% Dairy Ration.....	Norwich: The Yantic Grain & Products Co.....	11.16	21.56	18.00	3.21	3.00	7.83	8.50
3005	Big Y 20% Dairy Ration.....	Willimantic: Boston Grain Co...	8.11	21.88	20.00	4.04	3.50	7.95	8.00
2507	Big Y 32% Dairy Supplement Feed.	Norwich: The Yantic Grain & Products Co.....	10.19	31.69	32.00	2.23	3.50	7.90	8.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1955—Concluded

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)									
The Yantic Grain and Products Co., Norwich, Conn.—Cont.									
5378	Big Y Egg Maker	Putnam: Putnam Big Y Grain Co.	9.89	20.81	20.00	3.44	3.00	5.61	7.50
2963	Big Y Fattening Pellets	Moosup: Moosup Grain Co.	11.12	12.69	10.00	3.35	3.50	2.68	3.00
5278	Big Y Fitting Ration	Canterbury: Packer Grain Co.	12.30	13.56	12.00	3.53	3.00	7.55	10.00
5015	Big Y Hi-Efficiency Breeder Ration	Mt. Carmel: Hamden Big Y Grain Co.	11.58	16.13	15.00	4.13	3.00	3.25	4.00
3054	Big Y High Efficiency Grower	Stepney: Big Y Grain Co.	9.79	16.81	15.00	3.53	3.00	4.12	5.00
3003	Big Y Hi-Efficiency Laying Mash	Willimantic: Boston Grain Co.	9.50	17.38	15.00	3.66	3.00	3.47	4.00
5277	Big Y Hi-G Dairy Ration	Canterbury: Packer Grain Co.	12.85	20.69	16.00	3.04	3.00	9.42	14.00
3067	Big Y Hi-G Scratch Feed	Stepney: Big Y Grain Co.	10.84	13.50	9.00	3.35	2.00	3.47	5.00
5331	Big Y Hog & Pig Ration	Simsbury: Big Y Feed Co.	10.24	20.00	17.00	4.19	3.50	6.45	8.00
3081	Big Y Horse Feed	New London: Harbor Grain Co.	10.17	11.13	9.00	3.49	2.00	6.05	9.00
5379	Big Y Improved A1-Mo.	Putnam: Putnam Big Y Grain Co.	10.85	11.00	10.00	3.11	1.50	12.25	16.00
4845	Big Y Improved Broiler Finisher	Danbury: Big Y Feed Co.	12.00	19.94	18.00	4.04	3.50	3.27	4.00
2505	Big Y Laying Mash	Norwich: The Yantic Grain & Products Co.	10.46	19.38	18.00	2.96	3.00	5.92	7.00
2958	Big Y 20% Laying Mash	Moosup: Moosup Grain Co.	9.97	20.69	20.00	3.33	3.00	5.23	7.00
3080	Big Y M & O Growing Feed	New London: Harbor Grain Co.	9.59	19.63	18.00	3.39	3.00	5.55	6.00
5600	Big Y Meat Pullet & Caponette Ration	Norwich: The Yantic Grain & Products Co.	9.66	21.44	20.00	4.76	3.50	4.28	5.00
5013	Big Y Poultry Fitting Ration	Mt. Carmel: Hamden Big Y Grain Co.	11.07	13.75	10.00	3.03	3.00	5.45	8.00
5329	Big Y Purity Dairy Ration	Simsbury: Big Y Feed Co.	10.89	17.50	16.00	3.83	3.50	2.50	9.00
5380	Big Y Rabbit Pellets	Putnam: Putnam Big Y Grain Co.	9.36	17.75	16.00	3.22	3.00	8.12	10.00
4937	Big Y Scratch Feed	Pachaug: Mrs. V. Goldstein	13.17	10.31	9.00	2.51	2.00	2.50	5.00

5599 Big Y Sheep & Goat Feed.....	Norwich: The Yantic Grain & Products Co.....	10.10	17.06	16.00	4.71	3.50	7.27	8.50
4928 Big Y Stock Feed.....	Yantic: The Yantic Grain & Products Co.....	11.34	10.38	9.00	2.57	2.50	12.75	15.00
4929 Big Y Super Starter & Broiler Ration	Yantic: The Yantic Grain & Products Co.....	11.93	20.38	20.00	3.44	3.50	3.78	4.00
5328 Big Y Test Cow Ration.....	Simsbury: Big Y Feed Co.....	11.30	16.19	16.00	3.00	3.00	6.10	8.50
5014 Big Y Turkey Fattener.....	Mt. Carmel: Hamden Big Y Grain Co.....	10.63	19.19	17.00	3.52	3.50	4.77	7.00
2977 Big Y Turkey Growing Feed.....	Abington: Abington Big Y Grain Co.....	9.07	20.56	20.00	3.49	3.00	4.47	7.00

TABLE 2. VITAMIN D CARRIERS

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Satisfactory	Passed	Below guaranty
Astrol Products, Inc. Brooklyn, N. Y.	Dry D	15,000	Manchester, 2/1, 6548	1	1	..	..
The Beacon Milling Co., Inc. Cayuga, N. Y.	Beacon High Vitamin D ₂ Mix..	3,750,000 ¹	Willimantic, 9/21, none	1	1	..	..
The Borden Co. Special Products Div. New York, N. Y.	Borden's Dry D	681,000	Pawcatuck, 11/3, none	1	1	..	..
	Borden's Ration-Ayd	76,000	Jewett City, 3/24, none	1	1	..	..
Commercial Solvents Corp. Terre Haute, Ind.	C.C.F. Vitamin Feed Supple- ment	20,768	Manchester, 8/2, none	1	1	..	..
Consolidated Products Co. Danville, Ill.	New Semi-Solid "E" Emulsion Self-Feeding Package	3,600	Norwich, 3/24, none; Jewett City, 5/2, none	2	..	..	2
Dawe's Laboratories, Inc. Chicago, Ill.	Dawe's Fermentation Flavonne Flavonne Ribo-D	18,160 18,160	Plantsville, 8/30, 5540	1	1	..	..
	Flavonne Ribo-D Special Blend No. 660	18,160	Guilford, 9/12, none	1	1	..	..
	Sterol D ₃	6,810,000	Manchester, 5/3, 3711, 6425 ..	2	1	..	1
Dawnwood Farms Amenia, N. Y.	Dawnwood Farms Caf-Star....	4,000 ¹	Newtown, 3/16, none	1	1	..	..
E. I. du Pont de Nemours & Co., Inc. Wilmington, Del.	Du Pont Delsterol 1500-D	681,000	Derby, 2/2, none; 3/29, none; 10/14, none	3	2	1	..
	Du Pont Delsterol 3000-D	1,362,000	Norwich, 2/4, none; Shelton, 8/3, none; Norwich, 8/26, none	3	3	..	..
Eastern States Farmers' Exchange, Inc., W. Springfield, Mass.	Calfsaver Tablets	400 ²	Willimantic, 3/9, 9950-007-102	1	1	..	..

The Fox Company Newfield, N. J.	Foxco Qualadee A & D Feeding Oil	136,200	Thomaston, 2/3, 91654; New Haven, 3/29, 82454; Watertown, 5/5, 12455; New Haven, 9/30, 81855; Derby, 10/14, none	5	5	..	..
Gorton-Pew Fisheries Co., Ltd. Gloucester, Mass.	Gorton's A1-Blend "Junior"	8,000	Wallingford, 2/4, 22739, 22744, 22736, 22738; Wallingford, 5/5, 26977, 26976, 27017, 26973; Wallingford, 8/29, 2279, 2282, 2265	3	2	1	..
	Gorton's A1-Blend "Senior"	16,000	Canaan, 2/9, 5928, 6127, 5921, 5919, 5931	1	1	..	..
	Gorton's Mar-Vi-Tic	30,000	Pawcatuck, 5/2, 4492, 4493, 4487, 4490; Pawcatuck, 8/26, 3607, 3601, 3612	2	2	..	..
Marden-Wild Corporation Somerville, Mass.	Marden's Vitamin A & D Feeding Oil	136,200	Derby, 2/2, 462-356; Dayville, 5/3, 466-355; North Franklin, 10/18, 476-362	3	3	..	..
Marine Products Co. Boston, Mass.	Cod Liver Oil, Feeding Grade ..	136,200	Pawcatuck, 3/23, 54827; Norwich, 3/24, none	2	2	..	..
Merck & Co. Rahway, N. J.	No. 288 Vitamin Mixture	120,000	Jewett City, 9/19, none	1	1	..	..
Nopco Chemical Co. Harrison, N. J.	Nopdex "3000"	1,360,800	Norwich, 2/4, none; Norwich, 8/26, none	2	2	..	..
Silmo Chemical Corporation Vineland, N. J.	Liverol	118,000	Plantsville, 8/30, none; Plantsville, 11/10, none	2	..	..	2
	Silmo XX Vitamin Oil	136,200	Shelton, 2/2, 33DA39; Shelton, 3/29, 33DA43; Shelton, 10/14, 33DA54	3	3	..	..
	Vit-Ad-1500	136,200	Seymour, 3/29, 245; Seymour, 10/14, 245	2	2	..	..
	Vit-D-1500	681,000	Seymour, 3/29, 2070; Seymour, 10/14, 2070	2	2	..	..

Analyses

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
Specifide, Incorporated Indianapolis, Ind.	Special Vitamin Blend	681,000	Jewett City, 3/24, 35504	1	..	1	..
Standard Brands, Inc. New York, N. Y.	Fleischmann's FIDY Type 36-F Irradiated Dry Yeast	16,000,000 ¹	Pawcatuck, 3/23, none	1	1	..	..
Whitmoyer Laboratories, Inc. Myerstown, Pa.	Dri-Col	681,000	Pawcatuck, 3/23, 51254; Bridgeport, 8/3, 62855; Pawcatuck, 8/26, 51955	3	1	..	2
	Flav-A-Dee	54,480	Jewett City, 3/24, none; Jew- ett City, 9/19, none	2	2	..	..
	Whitcod 300D-1500A	136,000	Jewett City, 9/19, 52655	1	1	..	..
	Whitcod Pure Cod Liver Oil U.S.P.	68,000	Danielson, 5/3, 11955; Moosup, 3/8, 121054	2	2	..	..

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

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

TABLE 3. ANALYSES OF MEDICATED FEEDS, 1955

No.	Manufacturer and brand	Retail dealer	Arsanilic acid, per cent		Nicarbazin, per cent		Nitrophenide, per cent		4-Nitrophenyl- arsonic acid, per cent		Sulfaquinoxaline, per cent	
			Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found
3989	Chas. M. Cox Co., Boston, Mass. Nicarbazin — Sodium Arsanilate Mixture in Wirthmore Plus-2M Broiler Feed.....	Storrs: Univer- sity of Conn...	0.0088*	0.0088*	0.0125	0.0129	.....	.....	.....	.....	.....	.....
2938	Eastern States Farmers' Exchange, Inc., West Springfield, Mass. Eastern States Pace- maker Poultry Mash.	Mansfield Cen- ter: Stephen Neborsky.....	.....	0.0100	.....	.....	.....	0.0253	.....	.....	.....	.....
2939	Same Brand.....	Mansfield Cen- ter: Stephen Neborsky.....	.....	0.0101	.....	.....	.....	0.0243	.....	.....	.....	.....
W.S.-332	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's 3 - Nitro- Sulfaquinoxaline Mix- ture in Red Rose Hi- Lo Broiler Ration....	Meriden: Mer- iden Grain Co..	.....	.....	.....	.....	.....	.....	.....	.....	0.0125	0.0149
W.S.-362	Maritime Milling Co., Inc., Buffalo, N. Y. BB Ma-Co Nitrofurazone Arsanilic Acid Broiler Ration.....	Bridgeport: Savitt Grain Exchange.....	0.0100	0.0091	.....	.....	.....	.....	.....	.....	.....	.....
H.C.-1	Park & Pollard Co., Inc., Buffalo, N. Y. Histostat Mixture in Hi-Prime Complete Turkey Grower.....	Colchester: P. Cutler, Inc.	.....	.....	.....	.....	.....	0.0250	0.0250	.....	.....	.....
W.S.-323	Ralston Purina Co., St. Louis, Mo. Ralston Nitro Mix in Chick Startena E.....	Ansonia: A. Hodos & Sons Inc.....	.....	.....	.....	.....	0.0188	0.0188	.....	.....	.....	.....
3495	H. K. Webster Co., Lawrence, Mass. Blue Seal Sulfaquinoxaline Mixture.....	Westbrook: Lee's Grain Ser- vice.....	none	0.0058	.....	.....	.....	.....	.....	.....	0.1000	0.0670

* Sodium arsanilate.

TABLE 4. ANALYSES OF OAT PRODUCTS, 1955

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)									
Best Foods, Inc., Buffalo, N. Y.									
2571	Oat Mill Feed	Plantsville: C. A. Cowles, Inc. . . .	6.94	5.75	4.00	1.13	1.00	28.65	30.00
Canadian Grain Products Ltd., Toronto, Canada									
3113	Golden Harvest Pulverized White Oats	Pawcatuck: The C. W. Campbell Co.	8.62	10.25	12.00	3.40	14.70	10.60
Fruen Milling Co., Minneapolis, Minn.									
5632	Fruen's Mixer's Coarse Ground White Oats.	Seymour: Seymour Grain & Coal Co.	8.94	11.63	10.00	3.51	2.50	14.65	15.00
General Mills, Inc., Minneapolis, Minn.									
4572	Pulverized Oats	Pawcatuck: The C. W. Campbell Co.	8.64	15.06	12.00	5.33	4.50	10.50	13.00
Ogilvie Flour Mills Co. Ltd., Fort William, Canada									
2587	Canadian Pulverized White Oats	Guilford: Fred C. Morse & Son. . .	10.88	10.88	...	1.83	10.85
Ogilvie Flour Mills Co. Ltd., Winnipeg, Canada									
4621	Ogilvie Oat Feed	Plantsville: C. A. Cowles, Inc.	13.19	6.25	5.00	2.34	2.00	25.45	30.00
Quaker Oats Co. of Canada Ltd., Peterborough-Saskatoon, Canada									
2689	Peterborough Oat Huller Feed	Bridgeport: Brooklawn Grain & Feed Co.	5.68	3.63	2.50	1.04	1.00	30.21	34.00