

Bulletin 507

May 1947

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1946

H. J. FISHER
Chemist in Charge

CONNECTICUT
AGRICULTURAL EXPERIMENT STATION
NEW HAVEN

CONTENTS

	PAGE
THE FEED LAW AND REGULATIONS	3
REGISTRATIONS	6
INSPECTION, SUMMARY OF	34
Vitamin D Carriers	35
Miscellaneous Feeds	35
Wet Brewers' Grains	36
Biological Specimens Examined for Poisons	38
Wild Bird Feed	38
A.F.C.O. Samples	38
DETERMINING GUARANTIES	38
ANALYSES:	
Table 1, Commercial Feeds	40
Table 2, Vitamin D Carriers	100
Table 3, Wet Brewers' Grains	103
Table 4, Seeds, Berries, etc. (Potential food for wild birds)	104
INDEX	105

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1946

H. J. FISHER¹

THE FEED LAW

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

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

The following regulations were issued by the Director of this Station and the Dairy and Food Commissioner in October, 1944, superseding those issued in Bulletin of Immediate Information No. 60, dated June, 1927, and in Circular 135, dated May, 1939:

REGULATIONS

REGULATION 1. FEEDS NOT CLASSED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (SEC. 4717)

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

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

¹Analyses are by Messrs. O. L. Nolan, Alphonse Wickroski and Lloyd Keirstead and Miss Helen Kocaba; biological assays under direction of Dr. R. B. Hubbell; microscopic examinations by Miss Janetha Shepard and Mrs. Mary Van Camp; and sampling by Mr. Richard Nichols. Compilations are largely by Mrs. M. B. Vosburgh.

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. 4718)

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. 4719)

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" is accepted as defined in General Statutes, Section 2432; it imports the singular or the plural as the case demands; and includes corporations, companies, societies and associations.

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

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

Definitions for Feeding Stuffs. The definitions and standards for feeding stuffs adopted from time to time by the Association of Feed Control Officials of the United States 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. 4718)

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

REGULATION 8. CONCERNING MEDICATED FEEDS AND MINERAL
MIXTURES

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

REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

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

REGULATION 10. REVISIONS AND SUBSTITUTIONS
OF REGISTRATIONS

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

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

REGISTRATIONS

For the period January 1, 1946, to December 31, 1946, 205 firms registered 1,205 brands of feeding stuffs, and 20 firms registered 44 brands of vitamin D carriers.

As required by statute the registrations are listed as follows:

Ward G. Ackerman, Altamont, N. Y.

Ackerman's Super-X-Laying Mash
16% High Point Dairy Feed
Super-X-Broiler Mash
Super-X-Growing Mash

Acme-Evans Co., Inc., Indianapolis, Ind.

Acme 18% Egg Mash (with Oil)
Producer 16% Mash

Acme Milling Co., Olean, N. Y.

Acme-Farmix 16% Dairy Ration
Acme Golden Broiler Mash
Acme Golden Dairy Feed 18%
Acme Golden Grower Mash
Acme Golden Mash for Laying Hens
Acme Golden Starter Mash
All-Purpose Mash

C. L. Adams Co. (By Park & Pollard Co.)

Albers Milling Co., 111 West Massachusetts St., Seattle 4, Wash.
Albers Calf Manna

Allied Mills, Inc., Chicago, Ill.

Economy 16% Dairy Ration
Economy Laying Mash
Red Feather Scratch Feed
Wayne All Mash Breeder
Wayne All Mash Egg
Wayne Breeder Mash
Wayne Calf Meal
Wayne Chick and Broiler Ration
Wayne Chick Feed
Wayne Chick Starter
Wayne Complete Calf Feed
Wayne 16% Dairy Ration
Wayne 20% Dairy Ration
Wayne Egg Mash
Wayne Fitting Ration
Wayne Flushing Mash
Wayne Growing Mash
Wayne Horse Feed
Wayne Intermediate Scratch Feed
Wayne 26% Mash Supplement
Wayne Pork Maker
Wayne Rabbit Pellets
Wayne Ranch Meal
Wayne Turkey Growing Mash
Wayne Turkey Starting Mash

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

Amaizo Gluten Meal
Cream of Corn Gluten Feed

Archer-Daniels-Midland Co., Minneapolis 2, Minn.

ADM Flax Plant By-Product
Archer Quality 34% Protein Old Process Linseed Oil Meal
Archer Quality 41% Protein Soybean Oil Meal
Archer Quality Toasted 44% Protein Soybean Oil Meal

Ashcraft-Wilkinson Co., Atlanta, Ga.

Cow-Eta Brand 41% Protein Cottonseed Meal
Texsun Brand Dried Citrus Pulp

The Atlantic Supply Co., 31 S. Calvert St., Baltimore, Md.

Atlantic Feed Booster
Atlantic Fern-E-Sol

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

Bailey's Pennant Brand Chick Starter-Broiler
Bailey's Pennant Brand Complete Egg Ration (Mash or Pelleted)
Bailey's Pennant Brand 16% Dairy Ration
Bailey's Pennant Brand 18% Dairy Ration
Bailey's Pennant Brand Emergency 18%
Bailey's Pennant Brand Fitting Ration
Bailey's Pennant Brand Flushing Mash
Bailey's Pennant Brand Growing Mash
Bailey's Pennant Brand Horse Feed
Bailey's Pennant Brand Laying (Mash or Pelleted)
Bailey's Pennant Brand Pig Feed

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

Bailey's Pennant Brand Rabbit Pellets
 Bailey's Pennant Brand Turkey Fattener (Mash or Pelleted)
 Bailey's Pennant Brand Turkey Grower (Mash or Pelleted)
 Bailey's Pennant Brand Turkey Starter

N. Balin & Co., 49 Wall St., Passaic, N. J.

Garden State Laying Mash

Bay State Milling Co., Winona, Minn.

Wingold Fancy Hard Wheat Mixed Feed and Wheat Screenings
 Wingold G Pure Hard Wheat Reddog
 Wingold Pure Hard Wheat Bran
 Wingold Standard Hard Wheat Middlings and Wheat Screenings

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

Auburn "16"
 Beacon "16"
 Beacon "20"
 Beacon "24" (For Mixing with Home Grains)
 Beacon "32" (For Mixing with Home Grains)
 Beacon Battery Broiler Pellets
 Beacon Battery Growing Ration
 Beacon Battery Laying Ration
 Beacon Breeders Mash
 Beacon Broiler Feed (For Range, Floor or Battery Use)
 Beacon Calf Grain
 Beacon Calf Starter
 Beacon C-C Pellets
 Beacon Chick Grains
 Beacon Complete Starting Ration
 Beacon Duck Fattener
 Beacon Duck Grower
 Beacon Duck Starter
 Beacon "22" Egg Mash
 Beacon Emergency Broiler Feed (For Range, Floor or Battery Use)
 Beacon Emergency Egg Mash
 Beacon Emergency Test Cow Ration
 Beacon Fitting Ration
 Beacon Fleshing Pellets
 Beacon Goat Ration
 Beacon Growing Mash
 Beacon Hog Feed
 Beacon Pheasant Grower ($\frac{1}{8}$ " Pellets)
 Beacon Pheasant Starter
 Beacon Poultry Fitting Ration
 Beacon Special "18"
 Beacon Test Cow Ration
 Beacon Turkey and Game Bird Breeder Mash
 Beacon Turkey and Game Bird Fitting Ration
 Beacon Turkey and Game Bird Flushing Mash
 Beacon Turkey Growing Mash
 Beacon Turkey Starter
 Beacon's Cayuga Horse Feed
 Be-Co-Lass
 Corn and Oat Chop
 Emergency All-Purpose Gro-Mash

Benson Feed Mills, Inc., 6136 Military Ave., Omaha 4, Neb.

Gold Crest All Mash

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

Nibco Breeder Mash with Fortified Cod Liver Oil
Nibco Chick Starter with Fortified Cod Liver Oil
Nibco 16% Dairy Ration
Nibco Fitting Ration
Nibco Flushing Mash with Cod Liver Oil
Nibco Growing Mash with Fortified Cod Liver Oil
Nibco Laying Mash with Fortified Cod Liver Oil
Nibco Starter and Broiler Mash with Fortified Cod Liver Oil

The Best Foods, Inc., 1442 Marine Trust Bldg., Buffalo 3, N. Y.
Oat Mill Feed

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal and Blatchford's Calf Pellets
Blatchford Complete Calf Ration
V-D

Blatchley & Ballard, Inc., Middletown, Conn.

Bee Brand All Purpose Mash
Bee Brand Complete Growing Mash
Bee Brand Complete Laying Mash
Bee Brand 16% Dairy Ration
Bee Brand 20% Dairy Ration
Bee Brand Fitting Ration
Bee Brand Growing Mash
Bee Brand Hog Ration
Bee Brand Laying Mash
Bee Brand Starter and Broiler Mash

Blue Banner Feed Co., 8th & St. Clair Ave., East St. Louis, Ill.
Blue Banner Laying Mash

The Borden Co., Special Products Div., 350 Madison Ave., New York 17, N. Y.
Flaydry Poultry Feed Supplement
Ration-Ayd M-R Supplement For Feeds

Bradley & Baker, 155 East 44th St., New York, N. Y.
Bradbake Fish Meal

L. Broder & Co., Colchester, Conn.
18% Broiler Ration¹
L. B. Laying Mash
L. B. 16% Milk Ration

The Brooklawn Grain & Feed Co., 321 Sylvan Ave., Bridgeport, Conn.
Brooklawn 16% Dairy Ration
Brooklawn Egg Mash
Brooklawn Growing Mash

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

The C. W. Campbell Co., Pawcatuck, Conn.
Best Pig and Hog Ration
Camco Horsefeed
Campbell's 16% Dairy Ration
Egg-O Chick Starter and Broiler Ration
Egg-O Growing Mash
Egg-O Laying and Breeding Mash
Egg-O Turkey Grower
12% Fitting Ration

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

Capex Dehydrated Alfalfa Meal
Capex Dehydrated Alfalfa Meal 17%

Center Milk Products Co., Middlebury Center, Pa.

Neo-Lac

Central Alfalfa, Lexington, Neb.

Dehydrated Alfalfa Meal

Central Connecticut Co-Operative Farmers' Assoc., Inc., Manchester, Conn.

Honest Brand Breeder Mash
Honest Brand 16% Dairy Feed
Honest Brand Growing Mash
Honest Brand Laying Mash
Honest Brand Starting Mash
Honest Brand Turkey Starter Mash

Central Soya Co., Inc., Fort Wayne 2, Ind.

Central Soybean Oil Meal
Central Star Brand Soybean Oil Meal

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

Greenmelk

Checkerboard Feed Stores (By Ralston Purina Co.)**Clinton Co., Clinton, Iowa**

Clinton Corn Gluten Feed
Clinton Corn Gluten Meal

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

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

Colonial Feed Dealers Co-Op. Assoc., Inc., La Rose, Ill.

Colonial Broiler Mash

Commander-Larabee Milling Co., Minneapolis, Minn.

Sunfed Red Dog, Pure Wheat Product
Sunfed Wheat Bran with Ground Screenings
Sunfed Wheat Standard Middlings with Ground Screenings

Community Service, Inc., Canaan, Conn.

Community Complete Pig Feed
Community 16% Dairy Ration
Community 18% Dairy Ration
Community Fitting Ration
Community Growing Mash
Community Laying Mash
Community Starter and Grower Mash
Cornell Calf Starter

Connecticut Dried Grains, Colchester, Conn.

Dried Brewers Grain

Consolidated Products Co., 119 No. Washington Ave., Danville, Ill.

Kaff-A
Semi-Solid Chick Emulsion
Semi-Solid "E" Emulsion
Semi-Solid Mulsion

Consolidated Rendering Co., 178 Atlantic Ave., Boston 10, Mass.

Corenco Bone Meal
Corenco Feeding Bone Meal
Corenco Fish Meal
45% Corenco Meat and Bone Scrap
47% Corenco Meat and Bone Scrap
Corenco 50% Meat and Bone Scrap

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

Distillers Dried Grains
Distillers' Dried Grains with Solubles
Distillers' Grain Solubles Dried
Distillers' Solubles Dried

The O. A. Cooper Co., Humboldt, Neb.

Cooper's Best Turkey Grower

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

Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

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

Cowles' Blue C Broiler and Starting Mash
Cowles' Blue C Dairy Ration
Cowles' Blue C Fitting and Calf Ration
Cowles' Blue C Growing Mash
Cowles' Blue C Hog and Pig Feed
Cowles' Blue C Horse Feed with Molasses
Cowles' Blue C Laying Mash
Cowles' Blue C Starting Mash
Cowles' Blue C Turkey Finishing Feed
Cowles' Blue C Turkey Starting and Growing Mash
Cowles' Plantsville Dairy Ration
Cowles' Red C Laying Mash
Cowles' Red C Starting and Growing Mash

Chas. M. Cox Co., 177 Milk St., Boston 9, Mass.

Blue Belt Egg Mash
18% Broiler Mash
18% Egg Mash
18% Growing Mash
Wirthmore Baby Chick Scratch
Wirthmore Breeder Mash (Or Pellets)
Wirthmore Calf Starter Meal (Or Pellets)
Wirthmore Calving Ration
Wirthmore Complete Breeder Ration (Or Pellets)
Wirthmore Complete Egg Ration (Or Pellets)
Wirthmore Complete Growing Ration
Wirthmore 20 Dairy Ration
Wirthmore 14 Fitting Ration
Wirthmore Goat Ration
Wirthmore Growing Mash (Or Pellets)
Wirthmore Laying Mash (Or Pellets)
Wirthmore Pig and Hog Feed
Wirthmore Poultry Flush
Wirthmore Rabbit Pellets
Wirthmore 16 Record Ration
Wirthmore Standard 16 Dairy Ration
Wirthmore Standard Horse Feed
Wirthmore Starter and Broiler Ration
Wirthmore Stock Feed
Wirthmore Super Pellets

Chas. M. Cox Co., 117 Milk St., Boston 9, Mass. — Cont.

Wirthmore Turkey Breeder Ration (Or Pellets)
 Wirthmore Turkey Fattening Ration
 Wirthmore Turkey Growing Ration (Or Pellets)
 Wirthmore Turkey Starting Ration
 Wirthmore Twin Mix Calf Ration

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

Crawford Best of All 24% Supplement
 Crawford Big E Dairy Ration
 Crawford Broiler Mash or Pellets
 Crawford Calf Starter
 Crawford Complete Egg Mash
 Crawford Complete Growing Mash
 Crawford Dairy King 16%
 11% Crawford Dry-Freshening
 Crawford Duck Breeder Mash or Pellets
 Crawford Duck Growing Mash
 Crawford Duck Marketing Mash or Pellets
 Crawford E Mash²
 Crawford E Pig Feed
 Crawford Fattening-Finishing Mash or Pellets
 Crawford Fitting Ration 11%³
 Crawford Flushing Mash
 Crawford Growing Mash
 Crawford Horse Feed
 Crawford Laying and Breeding Mash or Pellets
 Crawford Laying Mash
 Crawford Pig Grower-Fattener
 Crawford Pig Starter
 Crawford Producer 16%⁴
 Crawford Rabbit Pellets
 Crawford Range Grower Mash or Pellets
 Crawford Special Test 18%
 Crawford Star 16 Dairy Feed
 Crawford Starting Mash
 Crawford Sweet Wallkill 20%
 Crawford Turkey E
 Crawford Turkey Growing Mash or Pellets⁵
 Crawford Turkey Marketing Feed
 Crawford Turkey Starting Mash
 Star Broiler Mash
 Star Complete Egg Mash
 Star Complete Growing Mash
 Star Growing Mash
 Star Laying Mash

The Crookston Milling Co., Crookston, Minn.

Creme Dairy Feed
 Minnesota Maid Egg Mash

P. Cutler, Inc., Colchester, Conn.

Prosperity 18% Dairy Feed⁶
 Prosperity Growing Mash
 Prosperity Laying Mash
 Prosperity Pig Ration
 Prosperity Stock Feed

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

Double Diamond All Mash Grower
 Double Diamond All Mash Layer
 Double Diamond Body Builder

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

Double Diamond Body Producer Pellets
 Double Diamond Broiler
 Double Diamond Complete Calf Producer
 Double Diamond Grower
 Double Diamond Horse Feed
 Double Diamond Layer
 Double Diamond Pork Producer
 Double Diamond Rabbit Pellets
 Double Diamond Scratch Grains
 Double Diamond 23% Starter
 Double Diamond 16% Test Ration
 Double Diamond 18% Test Ration
 Double Diamond Turkey Grower and Finisher
 Egg Producer
 18% Milk Producer⁷
 16% Money Maker
 Pig and Hog Ration
 Range Grower
 Revitalizer
 Starter and Grower

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

Dairylea Choice Feed Grade Dried Skim Milk

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

Davis Egg Mash with Buttermilk and Cod Liver Oil
 Davis Growing Mash with Buttermilk and Cod Liver Oil
 Davis Horse Feed

Dawe's Manufacturing Co., 4800 S. Richmond St., Chicago 32, Ill. (See also

Vitamin D Carriers)
 Flavonne Ribo-D

Dawson County Feed Products Co., Lexington, Neb.

17% Dehydrated Alfalfa Meal

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

Homco Hominy Feed

Delaware Mills, Inc., 88 Front St., Deposit, N. Y.

Delaware Calf Meal
 Delaware Chick Starter
 Delaware Egg Mash
 Delaware Emergency Broiler Ration
 Delaware Emergency Growing Mash
 Delaware Fitting Ration
 Delaware Growing Mash
 Delaware Horse Feed
 Delaware Pig and Hog Feed
 Delaware Rabbit Pellets
 Delaware Starter and Broiler Ration
 Delaware Sweet 16% Dairy Feed
 Delaware Sweet 20% Dairy Feed
 Delaware Turkey Growing Mash
 Indian Sweet 16% Dairy Feed

Derby Feed Store, Derby, Conn.

Litsky's Laying Mash

The Derwood Mill, Derwood, Md.

Derwood Horse Crunch

Dietrich & Gambrill, Inc., Frederick, Md.

All Mash Grower
All Mash Layer
All Mash Starter
All Purpose Mash
D & G All Mash Turkey Starter
D & G Breeder Mash
D & G Calf Meal
D & G Fleshing Mash (Or Pellets)
D & G Growing and Fitting Ration
D & G Rabbit Feed Pelleted
D & G Turkey Growing Mash
Frederick 16% Dairy Feed
Frederick 20% Dairy Feed
Frederick Laying Mash
Gambrill's Chick Grains
Gambrill's Chick Starter
Gambrill's Growing Mash
Gambrill's Laying Mash
Gambrill's Scratch Feed
Pen Mar 16% Dairy
Pen Mar 20% Dairy Feed
Pen Mar Stock Feed
Pig and Hog Meal
Poultry Conditioning Ration

The Drackett Products Co., Cincinnati 32, Ohio

Drackett Soybean Oil Meal

Eagle Roller Mill Co., New Ulm, Minn.

Eagle Wheat Bran with Screenings
Eagle Wheat Standard Middlings with Screenings

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

All-Mash Developer (Mash and Pellets)
All-Mash Egg (Mash and Pellets)
Breeder Concentrate Pellets
Calf Starter
Calving Ration
Developer (Mash and Pellets)
Egg Mash (Mash and Pellets)
Fitting Ration
Flushing Mash
Fulpail
Horse Feed
Pig Starter and Breeder
Pork Builder
Sheep and Goat Feed
Sixteen
Starting and Broiler Ration (Mash and Pellets)
Stock Feed
28% Supplement
Turkey-Grower (Mash and Pellets)
Turkey-Start (Mash and Pellets)

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

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

Einhorn's Grain Store, Colchester, Conn.

International Ready Ration Feed

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

Elmore Battery Growing Mash
 Elmore Breeder Mash
 Elmore Calf Grain Ration
 Elmore Chick Feed
 Elmore Chixsaver
 Elmore Complete Broiler Ration
 Elmore Complete Growing Ration
 Elmore Complete Layer and Breeder
 Elmore Complete Market Egg Mash
 Elmore Egg Mash
 Elmore Fitting Ration
 Elmore Fleshing Pellets
 Elmore Goat Ration
 Elmore Growing Mash
 Elmore Hog Ration
 Elmore Horse Feed with Molasses
 Elmore Improved Calf Starter
 Elmore Intermediate Chick Feed
 Elmore M.A.C. Laying Mash
 Elmore Makemgrow Little Pig Ration
 Elmore Milk Grains "Sixteen"
 Elmore Milk Grains "Twenty"
 Elmore Rabbit Ration
 Elmore Stock Feed
 Elmore Test Ration
 Elmore Turkey Breeder Mash
 Elmore Turkey Finisher (Fattener)
 Elmore Turkey Fitting Ration
 Elmore Turkey Growing Mash
 Elmore Turkey Starting Mash
 Granger 16% Dairy Ration

John W. Eshelman & Sons, Lancaster, Pa.

Eshelman Lancaster 60 Horse Feed
 Eshelman Pennsy 16 Dairy Feed
 Eshelman Red Rose Breeder Mash
 Eshelman Red Rose Broiler Ration (with A & D Oil)
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Grains
 Eshelman Red Rose Chick Starter (With A & D Oil)
 Eshelman Red Rose Complete Calf Grower
 Eshelman Red Rose Complete Laying Mash (With A & D Oil)
 Eshelman Red Rose Complete Rabbit Pellets
 Eshelman Red Rose 16 Dairy Feed
 Eshelman Red Rose 18 Dairy Feed
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Fattening Mash
 Eshelman Red Rose Fitting Ration
 Eshelman Red Rose Flushing and Conditioning Mash
 Eshelman Red Rose Growing Mash (With A & D Oil)
 Eshelman Red Rose 85 Horse Feed
 Eshelman Red Rose Intermediate Chick Grains
 Eshelman Red Rose Laying Mash (With A & D Oil)
 Eshelman Red Rose Pig and Hog Meal
 Eshelman Red Rose Rabbit Feed Pelleted
 Eshelman Red Rose Scratch Grains
 Eshelman Red Rose Starter and Grower (With A & D Oil)
 Eshelman Red Rose Steer Feed
 Eshelman Red Rose Turkey Grower (With A & D Oil)
 Eshelman Red Rose Turkey Starter (With A & D Oil)
 Eshelman S-O-S

Eureka Mills, St. Louis, Mo.

Eureka Henfeed

Faesy & Besthoff, Inc., 22 E. 40th St., New York, N. Y.

Special Bone Meal

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

"Bull Brand" Dried Brewers Grains

The Farmers Milling Co., Inc., Rockville, Conn.

"Honest Value"—16% Dairy Ration

"Honest Value"—Growing Mash

"Honest Value"—Laying Mash

"Honest Value"—Starting Mash

Federal Mill, Inc., Lockport, N. Y.

Emergency Mixed Feed

Fernando Alfalfa Milling Co., 6104 Van Nuys Blvd., Van Nuys, Calif.

Fernando Alfalfa Leaf Meal

Fernando Fine Ground Alfalfa Meal

Finger Lakes & Hudson Flour Mills, Inc., Geneva and Troy, N. Y.

Kangaroo Standard Wheat Bran

Kangaroo Wheat Red Dog

Rye feed

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

Henfield Egg Mash

Flambeau Milling Co., Phillips, Wis.

Flambo 16% Dairy Feed

Flambo 18% Egg Mash

Grain Base Feed

Pulverized Oats

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

Emergency Chick Mash

Floco (Blue Mountain) Horse Feed

Floco Broiler Mash

Floco Bulky Feed

Floco 16% Dairy Feed

Floco Laying Mash

Floco Poultry All Age Mash

Floco Scratch Feed

Floco (Sugared) Stock Feed

Floco Turkey All Age Mash

Flory All-Mash Layer

Flory Breeder Mash

Flory Broiler Mash

Flory 16% Dairy Feed

Flory 12% Dry and Freshening Feed

Flory Fattener and Flesher Pellets

Flory 14% Fitting and Heifer Feed

Flory Free Range Growing Mash

Flory 18% Growing Mash

Flory Hog Feed

Flory 85% Horse Feed

Flory Laying Mash

Flory N-er-G Mash

Flory Poultry All Age Mash

Flory Rabbit Pellets

Flory Scratch Feed

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

Flory Scratch Feed (Chick Size)
 Flory Scratch Feed (Intermediate)
 Flory Starter Mash
 Flory 18% Test Feed
 Flory Turkey Grower
 Flory Whole Grain Scratch Feed

Forbes Bros.—Central Mills Corp., Topeka, Kan.

Hominy Feed (Trade Name) (Fine)

The Fox Co., Newfield, N. J.

Foxco Flavitein

Funk Bros. Seed Co., Bloomington, Ill.

Funk's 41% Protein Soybean Oil Meal

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

Garland Complete Starting and Broiler Mash
 Garland Fitting Ration
 Garland Growing Mash
 Garland Horse Feed
 Garland Laying Mash
 Garland Pig and Hog Ration
 Garland 16% Ration

The J. I. Gates Milling Co., 1137 W. Broad St., Columbus, Ohio

B. Special Horse Feed

Gateway Hay Co., No. Platte, Neb.

Gateway Whole Plant Alfalfa Meal

Gateway Milling Assoc., Inc., Dart & Letchworth Sts., Buffalo 13, N. Y.

Gateway Growing Pig Feed
 Gateway Special Laying Mash
 Gateway Turkey Growing Mash

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

Burt's Hominy Feed

General Mills, Inc., Minneapolis 15, Minn.

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

General Mills, Inc., Larrowe Div., Box 68, No. End Station, Detroit 20, Mich.

Dried Beet Pulp
 Larro 18% Broiler Feed²
 Larro Calf Builder
 Larro Chick Builder
 Larro Chick Grains
 Larro 16% Dairy Feed
 Larro 18% Dairy Feed
 Larro 18% Egg Mash⁹
 Larro Poultry Breeder Mash
 Larro Scratch Grains
 Larro Sow and Pig Builder
 Larro Turkey Breeder Mash
 Larro Turkey Builder
 Larro 19% Turkey Finisher

Getek Industrial & Agricultural Supplies Corp., 1270 Sixth Ave., New York 20, N. Y.

Dried Distillers Solubles "M"

The Glidden Co., Feed Mill Div., 1150 W. 18th St., Indianapolis 6, Ind.

Glidden Breeder Mash
Glidden Broiler Ration
Glidden 26% Calf Starter
Glidden 20% Dairy Feed
Glidden Flushing Mash
Glidden Growing Mash
Glidden Laying Mash
Glidden 18% Pig Meal
Glidden Pork Fattener
Glidden Rabbit Feed Pellets
Glidden Starter and Grower
Glidden Turkey Finisher
Glidden Turkey Starter

The Glidden Co., Soya Products Div., 5165 W. Moffat St., Chicago 39, Ill.

Glidden Diamond "G" Brand 41% Protein Soybean Oil Meal
Glidden 4 HI Brand 44% Protein Soybean Oil Meal

Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass. (See also Vitamin D Carriers)

Gorton's A1-Fish Blend-Junior
Gorton's A1-Fish Blend-Senior

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

Grandin's All-Mash Layer
Grandin's Baby Chick Grains
Grandin's Breeder Mash
Grandin's 14 Fitting Ration
Grandin's Fleshing Pellets
Grandin's Growing 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 18 Milk Maker
Grandin's Rabbit Pellets
Grandin's Start-To-Finish Mash
Grandin's Starter and Broiler Mash
Grandin's Stock Feed
Grandin's Test Ration
Grandin's Turkey Breeder Mash
Grandin's Turkey Fattener
Grandin's Turkey Grower
Grandin's Turkey Starter

Granger Feed Mill, Granger, Ind.

Granger Grower
Granger Laying Mash

The Great Atlantic & Pacific Tea Co., 310 Wesley Temple Bldg., Minneapolis 4, Minn.

Daily Egg Laying Mash
Daily-Growth Chick Starter
Daily-Milk Dairy Feed 16%
Daily-Growth Growing Mash

Greenport Feed Corp., 27-28 First St., Astoria 2, N. Y.

Greenport Dairy Feed

Greenville Oil Works, Greenville, Miss.

Cottonseed Meal 41%

The Gwinn Milling Co., 1915 E. Main St., Columbus 9, Ohio

Gwinn's 16% Laying Mash
Gwinn's Turkey Grower
18% Super Broiler Mash

Hales & Hunter Co., 141 W. Jackson Blvd., Chicago 4, Ill.

College Horse Feed
Gold Flake 16½ Dairy
Havana Pellets
Kingfalfa Horse Feed
Pioneer Calf Starter
Pioneer 14 Dairy
Pioneer 18 Dairy
Pioneer Dairy Bull
Pioneer Dairy Sup-Pel
Pioneer Dry and Freshening
Pioneer Hog Fattener
Pioneer Pelleted Flaked 14 Dairy
Pioneer Pig and Hog Feed 20%
Red Comb All Mash Layer
Red Comb Breeder Mash
Red Comb Broiler Mash
Red Comb C Flakes
Red Comb Chick Starter
Red Comb Crate Fattener
Red Comb Egg Mash
Red Comb Fine Chick
Red Comb Flushing Mash
Red Comb Growing Mash
Red Comb Turkey Breeder
Red Comb Turkey Grower
Red Comb Turkey Starter
Victoria Rabbit Feed

A. E. Hall, Wallingford, Conn.

Hall's Chick Starter
Hall's Growing Mash
Hall's Laying Mash

Harper Feed Mills, Inc., 271 W. Wheeling St., Washington, Pa.

Harco 17% Broiler Mash¹⁰
Harco Complete Laying Ration
Harco Dairy Fitting Ration
Harco 18% Dairy Ration
Harco Pig and Hog Meal

**The Henkel Flour Mills, Division of International Milling Co.,
323 E. Atwater St., Detroit 26, Mich.**

Blackhawk Wheat Bran with Ground Wheat Screenings
Blackhawk Wheat Flour Middlings
Blackhawk Wheat Red Dog
Blackhawk Wheat Standard Middlings with Ground Wheat Screenings
Extra Fancy Comco Wheat Middlings with Ground Wheat Screenings
Extra Fancy Wheat Flour Middlings with Ground Wheat Screenings
Spring Wheat Bran
Winter Wheat Bran

Highland Grain & Feed, Highland Ave., Stratford, Conn.

Highland 20% Dairy Feed

- Hollandale Cotton Oil Mill, Hollandale, Miss.**
41% Protein Cottonseed Meal—Prime Quality
- Hood Mills Co., 4101 E. Monument St., Baltimore, Md.**
Medium Ground Hood
- The Hubinger Co., 601 Main St., Keokuk, Iowa**
Ke OK uk Corn Gluten Feed
- Illinois Cereal Mills, Inc., Paris, Ill.**
"Paris Hominy Feed"
- Independent Feed Store, 35 Ward St., Norwalk, Conn.**
Wheat Bran
- Interstate Farmers Cooperative Exchange, Inc., Moosup, Conn.**
Interstate Dairy Feed
Interstate Laying Mash
Interstate Starter and Grower
'Meadow Green Brand' Alfalfa Meal
- Kasco Mills, Inc., Waverly, N. Y.**
Kasco All Mash Grower
Kasco All Mash Laying and Breeding Ration
Kasco Body Builder
Kasco Broiler-Starter Ration
Kasco Complete Rabbit Ration
Kasco 18% Dairy Ration
Kasco Egg Producer
Kasco Horse Feed
Kasco Pig Hog Feed
Kasco Record Ration
Kasco Scratch Grains
Kasco Sweet 16% Dairy Feed
- Kellogg Co., Battle Creek, Mich.**
Kellogg's Hominy Feed
Kellogg's Vi-Min-Ho Cattle Mix
- Spencer Kellogg & Sons, Inc., 98 Delaware Ave., Buffalo 5, N. Y.**
Spencer Kellogg's 32% Protein Old Process Linseed Oil Meal
Spencer Kellogg's 34% Protein Old Process Linseed Oil Meal
Spencer Kellogg's 41% Protein Soybean Oil Meal
- Charles J. Koelsch Grain Co., Inc., 177 Milk St., Boston, Mass.**
Pulverized Grain Base Mixed Feed
- Chas. A. Krause Milling Co., Milwaukee 1, Wis.**
Badger Hominy Feed
- The Larabee Flour Mills Co., 20 West 9th St., Kansas City 6, Mo.**
Sunfed Winter Wheat Bran with Ground Wheat Screenings
- E. W. Latimer, So. Coventry, Conn.**
College 16% Dairy
College 18% Dairy
College Fitting Ration
College Growing Mash
College Laying Mash
College Starter and Broiler
- Lauhoff Grain Co., Danville, Ill.**
Vermilion Hominy Feed

P. Levson & Sons, Middletown, Conn.
Victor Laying Mash

Libner Grain Co., Inc., Norwalk, Conn.

Blue Ribbon Turkey Starter and Grower
Dehydrated Alfalfa Meal
Libner's Blue Ribbon Fitting Ration
Libner's Blue Ribbon Growing Mash with Cod Liver Oil
Libner's Blue Ribbon Hog Ration with Cod Liver Oil
Libner's Blue Ribbon Horse and Calf Ration
Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil
Libner's Starter and Broiler Ration with Cod Liver Oil
20% Milkflow Dairy Ration

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

Mill Pride Dairy Ration
Mill Pride Mash
Mill Pride Scratch Feed

The Litchfield County Co-Op. Assoc., Torrington, Conn.

"Common Sense" Dairy
"Common Sense" Starting and Growing Mash

The Long Hill Feed Store, Long Hill, Conn.

Square Deal Buttermilk Laying Mash
Square Deal Dairy Ration

Maine Fish Meal Co., Portland, Me. (See also Vitamin D Carriers)

Maine Concentrate
Maine Vitaprol

E. Manchester & Sons, Winsted, Conn.

Red Star Egg Mash
Red Star Pig Feed
Red Star Starting and Growing Mash
Special Dairy Feed
Special Feed (Hominy)

Maritime Milling Co., Inc., Buffalo 2, N. Y.

BB Broiler Ration
BB 18% Broiler Ration
BB Bull Brand Dry and Fresh Cow Fitting Ration
BB Calf Meal
BB Calf Starter Ration
BB Chick Feed
BB Complete Chick Starter Ration
BB Complete Laying Ration
BB Complete Rabbit Feed (Pellets)
BB Complete Turkey Starter Ration
BB Conditioning Mash
BB Duck Growing and Finishing Ration
BB Egg Mash
BB Goat Feed
BB Growing Mash
BB Horse Feed
BB Layer and Breeder Mash
BB Pig and Hog Feed
BB Starter and Broiler Ration
BB Turkey Fitting Ration
BB Turkey Growing Mash
Daisy Chick Starter Ration
Daisy Growing Mash

Maritime Milling Co., Inc., Buffalo 2, N. Y. — Cont.

Dollar Maker Egg Mash
 Hi-Test Dairy Feed 18% Protein
 Hi-Test Dairy Feed 20% Protein
 Hi-Test Hog Feed
 Marmico 16% Protein Dairy Feed with Molasses
 Sweetened Bull Brand "16" Dairy Ration
 Sweetened Bull Brand "18" Dairy Ration
 Sweetened BB Bull Brand "20" Dairy Ration

**C. J. Martenis Grain Co., Produce Exchange Bldg., New York 4, N. Y.
 Alco Dried Brewers Grains****Meech & Stoddard, Inc., Middletown, Conn.**

Red Wing 16% Dairy Ration
 Red Wing Fitting Ration
 Red Wing Growing Mash
 Red Wing Horse Feed
 Red Wing Laying Mash
 Red Wing Pig and Hog Feed
 Red Wing Starter and Broiler Mash
 Red Wing Starting Mash
 Red Wing Stock Feed
 Special Balance Broiler Mash
 Special Balance Growing Mash
 Special Balance Laying Mash
 Special Balance Starting Mash

Mid-West Mill, Abilene, Kan.

Mid-West 18% Protein Egg Mash

F. R. Miller Feed Mills, 6016 So. 30th St., Omaha, Neb.

18% Broiler Ration

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

Choice Steam Cooked Hominy Feed

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

Fitting Ration
 Hog Feed
 Moon's Baby Chick Grains
 Moon's Complete Growing Mash
 Moon's Complete Laying Mash
 Moon's Complete Starter and Broiler Mash
 Moon's Developing Grains
 Moon's Duxfat Mash
 Moon's 90 Horse Feed with Molasses
 Moon's Laying Mash
 Moon's Scratch Feed
 Moon's Stock Feed
 Rabbit Pellets
 Special A 16% Dairy Ration
 Special A Dairy 20% Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill Breeding Mash
 Old Mill Broiler Mash
 Old Mill Fitting Feed
 Old Mill Green Label Laying Mash
 Old Mill Growing Mash
 Old Mill Hog Feed
 Old Mill Horse Feed
 Old Mill Starting Mash

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

3 MMM Dairy Ration
 Moco Eggetter Laying Mash
 Moco Hog Ration
 Moco Laying and Breeding Mash
 Moco Perfection Starting and Growing Mash
 Moco Streamline Eighteen Dairy Ration
 Moco Streamline Twenty Dairy Ration
 Moco Superior Eighteen Dairy Ration

Mutual Products Co., 509 No. Fourth St., Minneapolis 1, Minn.
 Mutual Dairyade Compound

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

Alfalfa Leaf Meal
 Dehydrated Alfalfa Leaf Meal
 13% Protein Dehydrated Alfalfa Meal
 17% Protein Dehydrated Alfalfa Meal
 20% Protein Dehydrated Alfalfa Meal
 13% Triple XXX Alfalfa Meal

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

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

National Lead Co., 111 Broadway, New York 6, N. Y.

Dutch Boy 32% O. P. Linseed Oil Meal
 Dutch Boy 34% O. P. Linseed Oil Meal

National Milling Branch of National Biscuit Co., 2221 Front St., Toledo, Ohio

Namico
 Pure Wheat Bran

Newton Concentrates, Ashburnham, Mass.

Newton Bovine Concentrates (Super)
 Newton Green Roughage Concentrates

North Dakota Mill & Elevator, Grand Forks, N. D.

Dakota Maid All Mash Chick Starter and Grower
 Dakota Maid All Mash Laying Ration

Northwest Distributing Co., Inc., Colby, Wis.

Nodco 16% Dairy Ration
 Northwest's 18% Broiler Mash
 Northwest's 23% Chick Starter
 Northwest's 16% Dairy Ration
 Northwest's 18% Dairy Ration
 Northwest's 20% Dairy Ration
 Northwest's 17% Growing Mash
 Northwest's 17% Laying Mash
 Northwest's 20% Turkey Growing and Finishing Mash

Northwestern Yeast Co., 1750 N. Ashland Ave., Chicago 22, Ill.

Nycobrand Animal-Poultry Yeast Culture

Ogden Grain Co., Utica, N. Y.

"Biddy" Laying Mash
 Cloverbloom Dairy Feed
 Ogden Complete Starter-Grower-Layer
 Ogden 16% Dairy Feed
 Ogden Fitting Ration
 Ogden Growing Mash
 Ogden Layer and Breeder
 Ogden Pig Feed
 Ogden Starter and Broiler Ration

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

Soybean Oil Meal

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

Pabst Hominy Feed

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

Bulky Sweet Dairy Feed
Claco Dairy Ration (C. L. Adams Co.)
Go-Tu-It Pig and Hog Ration
Hi-Value Scratch Pellets
Intermediate Chick Feed (A Lay or Bust Feed)
Lay or Bust Dry Mash (A Lay or Bust Feed)
Milkade Calf Meal
Milkade Calf Starter Mix
Milkade Calf Starter Pellets
Milk-Maid 16% Dairy Ration
Milk-Maid 18% Dairy Ration
Milk-Maid Fitting Ration
Milk-Maid Test Cow Ration
Park & Pollard All-Mash Growing Feed
Park & Pollard All-Mash Laying Ration
Park & Pollard Breeder Mash (A Lay or Bust Feed)
Park & Pollard Broiler Finishing Mash
Park & Pollard Broiler Mash (A Lay or Bust Feed)
Park & Pollard Chick Scratch (A Lay or Bust Feed)
Park & Pollard Chick Starter (A Lay or Bust Feed)
Park & Pollard Fleshing Pellets (A Lay or Bust Feed)
Park & Pollard Growing Feed (A Lay or Bust Feed)
Park & Pollard Laying Pellets (A Lay or Bust Feed)
Park & Pollard Rabbit Pellets
Park & Pollard Stock Feed
Park & Pollard Turkey Grower (A Lay or Bust Feed)
Park & Pollard Turkey Starter (A Lay or Bust Feed)
Yankee Horse Feed

Parrish & Heimbecker, Ltd., 59 King St., East, Toronto, Can.

Parrheim Pure Wheat Bran

Pasco Packing Co., Dade City, Fla.

Sugar Sweet Citrus Pulp

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Chandler, Ariz.

Velvet Brand Alfalfa Meal

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

Douglas Corn Gluten Feed

A. D. Pierce, Brooklyn, Conn.

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

Pierce Grain Corp., 1035 Seneca St., Buffalo 10, N. Y.

16% Reliance Dairy Ration
Reliance Horse Feed
Special Scratch

Pillsbury Mills, Inc., Minneapolis 2, Minn.

Pillsbury's Fancy Wheat Mixed Feed with Ground Wheat Screenings
Pillsbury's Hard Wheat A. Middlings with Ground Wheat Screenings
Pillsbury's Hard Wheat Bran with Ground Wheat Screenings
Pillsbury's Hard Wheat Standard B. Middlings with Ground Wheat Screenings
Pillsbury's Wheat Bran with Ground Wheat Screenings
Pillsbury's XX Daisy

Pittsburgh Plate Glass Co., Linseed Oil Div., 2-10 Chester Ave., Newark, N. J.

Red Wing 32% Protein Old Process Linseed Meal
Red Wing 34% Protein Old Process Linseed Meal

Pratt Food Co., Inc., 59 Leddy St., Buffalo 10, N. Y.

Pratt's Broiler Mash
Pratt's Calf Meal
Pratt's Chick Starter
Pratt's C-Ka-Geno Ration
Pratt's Complete Rabbit Pellets
Pratt's Fattening Mash (Crate Fattener)
Pratt's Fleshing Pellets
Pratt's Goat Ration
Pratt's Growing Mash
Pratt's Horse Feed
Pratt's Laying Mash
Pratt's Pig to Hog Meal
Pratt's Starter and Grower
Pratt's Sweet 16% Dairy Feed
Pratt's Sweet 18% Dairy Feed
Pratt's Turkey Growing and Finishing Mash
Utility Growing Mash
Utility Horse Feed
Utility Laying Mash
Utility Sweet 16% Dairy Feed

Premar Corp., 29 Broadway, New York 6, N. Y.

Golden Goose Broiler Mash
Golden Goose Chick Scratch Grains
Golden Goose Chick Starter Mash
Golden Goose Hen Scratch Grains
Lady Maryland 20% Dairy Ration
Red Rooster Growing Mash
Red Rooster Laying Mash
Red Rooster Pig and Hog Feed

The Procter & Gamble Distributing Co., Cincinnati, Ohio

P & G 41% Protein Soybean Oil Meal

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

Distillers Dried Grains
Distillers Dried Grain with Solubles
Distillers Grain Solubles Dried
Distillers Solubles Dried

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago 4, Ill.

Bell Cow Wheat Bran
Big Egg Chick Starter-Growing Mash
Big Egg Laying Mash
Feeding Oat Groats and Feeding Steel Cut Oat Groats
Ful-O-Pep Broiler Mash
Ful-O-Pep Calf Starter
Ful-O-Pep Chick Starter
Ful-O-Pep Crate Fattener
Ful-O-Pep 16% Dairy Ration

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago 4, Ill. — *Cont.*

Ful-O-Pep 20% Dairy Ration
Ful-O-Pep Egg-Breeder Mash
Ful-O-Pep Fitting Ration
Ful-O-Pep Growing Mash
Ful-O-Pep Horse Feed
Ful-O-Pep Laying Mash
Ful-O-Pep Pig-N-Sow Feed
Ful-O-Pep Super Greens
Ful-O-Pep Turkey Breeder
Ful-O-Pep Turkey Finisher Pellets
Ful-O-Pep Turkey Grower
Ful-O-Pep Turkey Starter
Peterborough Oat Feed
Quaker 16% Protein Dairy Ration
Quaker 20% Protein Dairy Ration
Quaker Green Cross Horse Feed
Quaker Sugared Schumacher Feed
Victor Feeding Rolled Oats

Ralston Purina Co., St. Louis, Mo.

Chowmix Hog Feed B
Oswego Growing Feed (Checkerboard)
Purina B and M Cow Chow
Purina Breeder Lay Chow
Purina Breeder Layena (Complete Ration)
Purina Broiler Chow
Purina Bulky Las
Purina Calf Chow
Purina Calf Chow Checkers
Purina Calf Startena
Purina Chick Chow (Coarse)
Purina Chick Chow (Fine)
Purina Chicken Fatena
Purina Chicken Fatena Checkers
Purina Chick Growena
Purina Chick Growing Chow
Purina Chick Startena
Purina Cow Chow
Purina Cow Chow Supplement
Purina Dry and Freshening Chow
Purina Eastern Cow Chow
Purina Flushing Mash
Purina Game Bird Breeder Chow
Purina Game Bird Growing Chow
Purina Game Bird Startena
Purina Goat Chow
Purina Hen Chow
Purina Hog Fatena
Purina 18% Lay Chow
Purina 22% Lay Chow
Purina Layena (Complete Ration)
Purina Milk Chow
Purina Omolene
Purina Rabbit Chow Checkers (Complete Ration)
Purina Rabbit Chow Checkers Supplement
Purina Rabbit Chow Meal (Complete Ration)
Purina Special Broiler Feed
Purina Steer Fatena C
Purina Turkey Breeder Chow
Purina Turkey Fatena Checkers
Purina Turkey Growena
Purina Turkey Layena (Complete Ration)
Purina Turkey Startena

**John Reardon & Sons, Division of Wilson & Co., Inc., 51 Waverly St.,
Cambridge, Mass.**

45% Register Brand Meat and Bone Scraps

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

Reliable Chick Starter with Cod Liver Oil
Reliable 16% Dairy Feed
Reliable 20% Dairy Feed
Reliable Growing Feed with Cod Liver Oil
Reliable Laying Mash with Cod Liver Oil
Reliable Pig and Hog Ration
Reliable Stock Feed
Reliable Turkey Starter and Growing Mash

Rex Grain & Milling Co., Inc., 95 Kentucky St., Buffalo 4, N. Y.

Rex Crown Broiler Mash
Rex Crown Horse Feed
Rex Crown Laying and Breeding Mash
Rex Crown Pig Growing Ration
Rex Crown Poultry Fattner
Rex Crown Starting and Growing Mash
Rex Crown Turkey Breeder
Rex Crown Turkey Starting and Growing Mash
Rex Gem 16% Dairy Ration
Rex Gem 18% Dairy Ration
Rex Gem 14% Fitting Ration
Rex Gem Laying Mash
Rex Gem Scratch Grain
Rex Gem Starting and Growing Mash
Rex Price Maker Laying Mash

Riverdale Products Co., 75 E. Wacker Drive, Chicago, Ill.
Riverdale Poultry Supplement

Rodney Milling Co., Kansas City, Mo.

Heart of American Pure Wheat Bran
Jersey Wheat Gray Shorts and Ground Wheat Screenings
Wheat Bran and Ground Wheat Screenings

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

Connecticut's Best Dairy Feed
Connecticut's Best Fitting Ration
Connecticut's Best Laying Mash
Connecticut's Best Starting Mash
Pig Feed

Roux Feed Mills, Sharon, Pa.—Burghill, Ohio

Tenderich Broiler Mash

H. M. Rubin Co., Inc., 9-19 38th Ave., L. I. City, N. Y.

Rubco Meat Bone Scrap 50%
Rubco Meat Bone Scrap 55%

Russell-Miller Milling Co., Minneapolis, Minn.

Alta Midds containing Ground Wheat Screenings
Hard Wheat Occident Bran
Hard Wheat Occident Flour Middlings
Hard Wheat Occident Mixed Feed containing Ground Wheat Screenings
Hard Wheat Occident Standard Middlings containing Ground Wheat Screenings

Ryde & Co., 5425 W. Roosevelt Road, Chicago 50, Ill.

Ryde's Cream Quality Calf Meal

- Savitt Grain Exchange, 914 Housatonic Ave., Bridgeport 4, Conn.**
Savitt Pig and Hog Ration
Savitt Milk Ration
Savitt Test Ration
S.G.E. Growing Mash
S.G.E. Laying Mash
- Schenley Distilleries, Inc., Grain Dept., New York, N. Y.**
Schenley Mark of Merit Corn Distillers Dried Grains 24%
- Schoeneck Farms, Inc., Nazareth, Pa.**
Schoeneck's Super-Green Dehydrated Alfalfa Meal
- Schuyler Milling Co., Schuyler, Neb.**
Scratch Grains Blend Feed
- Sea Board Supply Co., 701 Brown Bldg., 4th & Chestnut Sts., Philadelphia 6, Pa.**
Crab Meal
Fish and Crab Scrap Meal
- Joseph E. Seagram & Sons, Inc., Louisville, Ky.**
Seagram's Distillers' Dried Grains
- Seymour Grain & Coal Co., 100 Main St., Seymour, Conn.**
Miracle Chick Starter and Broiler Ration
Miracle Fitting Ration
Miracle Grower
Miracle Hog Ration
Miracle Horse Feed
Miracle Mash
Miracle Scratch Feed
Miracle Turkey Grower
New England Mash
See-More-Milk Dairy Ration
- Shearer's Dried Milk Products Corp., Philadelphia, Pa.**
Lacto-Protein
Shearer's Semi-Solid Emulscast
- The A. E. Shedd Co., Norwich, Conn.**
Shedd's 20% Dairy Ration with Vitamin D
Shedd's Fitting Ration with Vitamin D
Shedd's Laying Mash
Shedd's 18% Milk Maker
Shedd's Special Grower Mix
- Shellabarger Feed Mills, Salina, Kan.**
Shellabarger Hen Scratch
- The Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio**
Sherwin-Williams Old Process Linseed Meal
- The W. J. Small Co., Inc., Kansas City, Kan.**
Alfalfa Meal
Small's Dehydrated Alfalfa Leaf Meal
Small's 15% Dehydrated Alfalfa Meal
Small's 17% Dehydrated Alfalfa Meal
- Smith Meal Co., Inc., Amagansett, N. Y.**
Smith's Life Line Fish Meal

Southwestern Sugar & Molasses Co., McAllen, Tex.

Dried Citrus Pulp
Dried Citrus Pulp and Cane Molasses

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

Staley's Corn Gluten Feed
Staley's 41% Protein Soybean Oil Meal
Staley's 44% Protein Soybean Oil Meal

Standard Industries, Inc., Baltimore 5, Md.

Standard's Brand Soya Fish Oil Mixer

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

Hecker's Choice Wheat Bran with Ground Wheat Screenings
Hecker's Wheat Red Dog
Hecker's Wheat Standard Middlings with Ground Wheat Screenings
Planet Feed
Red Turkey Wheat Bran
Wheat Bran
Wheat Flour Middlings with Ground Wheat Screenings
Wheat Mixed Feed and Ground Wheat Screenings
Wheat Standard Middlings with Ground Wheat Screenings
XXX Comet Wheat Product Composed of Wheat Red Dog

D. A. Stickell & Sons, Inc., Hagerstown, Md.

Blue Ridge Breeding Egg Mash
Blue Ridge Broiler Mash
Blue Ridge Egg Mash
Blue Ridge Pig and Hog Ration
Dairy Queen Sweet 20% Milk Maker
Stickell's Poultry Fatner
Stickell's Stock Feed
Su-Pur All Mash Starter
Su-Pur All Mash Turkey Starter
Su-Pur Coccidiosis Flushing Mash
Su-Pur 16% Dairy and Fitting Ration
Su-Pur Growing Mash
Su-Pur Horse and Calf Feed
Su-Pur Rabbit Pellets
Su-Pur Turkey Growing Mash
Victor Chick Feed
Victor Horse and Mule Feed
Zip Egg Mash (Anchor Mills)
Zip Growing Mash

H. H. Stone & Sons, Southbury, Conn.

H.M. 16% Dairy
H.M. 18% Dairy

Stratton & Co., Concord, N. H.

Stratton's "24" Stock Feed

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

Swift's Broiler Mash

Swift & Co., Soybean Mill, Champaign, Ill.

Swift's 41% Protein Soybean Oil Meal

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

Thomaston Dairy Ration
Thomaston Egg Mash
Thomaston Growing Mash
Thomaston Starter Mash
Thomaston Stock Feed

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

Chicatine
Egatine
Emergency Chick Mash
Emergency Laying Mash
Ti-O-Ga Calf Food
Ti-O-Ga 16% Dairy Feed
Ti-O-Ga 18% Dairy Feed
Ti-O-Ga 20% Dairy Feed
Ti-O-Ga Dry-Fresh Dairy Feed
Ti-O-Ga Grower
Ti-O-Ga Horse Feed
Ti-O-Ga Scratch Grains
Ti-O-Ga Turkey Grower

Jacob Trinley & Sons, Inc., Linfield, Pa.

Limerick Stock Feed
Real Hog Feed
Supreme 85% Horse Feed
Trinley's 20% Dairy Feed

Union Sales Corp. of Union Starch & Refining Co., Columbus, Ind.

Union Corn Gluten Feed
Union Corn Gluten Meal

United Cooperative Farmers, Inc., Fitchburg, Mass.

United Farmers Breeder
United Farmers Fitting Ration
United Farmers Grower
United Farmers Layer
United Farmers Milkmaker
United Farmers Starter
Wheat Bran

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

Life-Saver 16% Dairy Ration¹¹
Unity Breeder Mash
Unity Calf Starter-Complete
Unity Chick Starter
Unity Complete Broiler Mash
Unity Conditioning Mash
Unity Fitting Ration
Unity Growing Mash
Unity Horse Feed
Unity Laying Mash
Unity Pig and Hog Ration
Unity Tri-Way Mash¹²
Unity Turkey Starting and Growing Mash

Valley Dehydrating Co., Kingsburg, Calif.

Bee-Gee Fish-Trate

The Van Iderstine Co., Railroad & Greenpoint Aves., Long Island City, N.Y.

Vico Special Steamed Bone Meal

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

Distillers' Dried Grains
Distillers' Dried Grains with Solubles

Wapsie Valley Feed Co., 105 11th, N. E., Independence, Iowa

Wapsie Egg Mash

The Watertown Co-Op. Assoc., Inc., Watertown, Conn.

Storrs' Formula Chick Starter
Storrs' Formula Growing Mash
Storrs' Formula Laying Mash

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

Milkproducer 16% Dairy Feed
Special Fitting Ration
Superior Broiler Ration
Superior 16% Dairy Feed
Superior Fitting Ration
Superior Growing Mash
Superior Hog Ration
Superior Horse Feed
Superior Laying Mash

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

Blue Seal All-Mash Breeder's Ration
Blue Seal All-Mash Egg Ration
Blue Seal All-Mash Growing Ration
Blue Seal Breeder's Mash
Blue Seal Broiler Mash
Blue Seal Calf Grower with Vitamin D Yeast
Blue Seal Calf Starter with Vitamin D Yeast
Blue Seal Chick Starter
Blue Seal "16" Dairy Ration
Blue Seal Egg Mash
Blue Seal Fattening Pellets
Blue Seal Fitting Ration with Vitamin D Yeast
Blue Seal Growing Mash
Blue Seal Horse Feed with Vitamin D Yeast
Blue Seal Pig Feed with Vitamin D Yeast
Blue Seal Rabbit Pellets
Blue Seal Richford 16 Dairy Ration
Blue Seal Stock Feed
Blue Seal Succulent Feed
Blue Seal Turkey Growing

Western Condensing Co., Petaluma, Calif.

Peebles Dried Whey with Ribolac
Peebles Dried Whey-Product
Peebles Lacto-G Dried Whey

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

All Pure Milk Ration
Fitting Ration for Horses and Cattle
Pure Feed Broiler Mash
Pure Feed Calf Meal
Pure Feed Dairy Ration
Pure Feed 16% Dairy Ration
Pure Feed Egg and Breeder Mash
Pure Feed Egg Maker
Pure Feed Horse Ration
Pure Feed Starting and Growing Mash
Pure Feed Swine Ration
Pure Feed Turkey Finisher
Pure Feed Turkey Grower
Pure Feed Turkey Starter

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

Big Five Dairy Feed
Washington Egg Mash

Wolf's Feed Store, Shelton, Conn.

- "Shelton" Brand Chick Starter
- "Shelton" Brand Egg Mash
- "Shelton" Brand Growing Mash
- "Wolf's" Chick Starter
- "Wolf's" Egg Mash
- "Wolf's" Growing Mash
- "Wolf's" Pig and Hog Feed
- "Wolf's" Starter and Broiler Mash
- "Wolf's" Sweetened 16% Dairy Ration
- "Wolf's" Sweetened 18% Dairy Ration
- "Wolf's" Sweetened 20% Dairy Ration
- "Wolf's" Sweetened 14% Fitting Ration
- "Wolf's" Turkey Growing Mash
- "Wolf's" Turkey Starter

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

- Big (Y) All in All Egg Ration
- Big (Y) All in All Growing Ration
- Big (Y) Breeder Mash
- Big (Y) Broiler Fattener
- Big (Y) Calf Ration
- Big (Y) Chick Scratch Grains
- Big (Y) Chick Starter
- Big (Y) Dairy 16%
- Big (Y) 20% Dairy Ration
- Big (Y) Fitting Ration
- Big (Y) Hog and Pig Ration
- Big (Y) Horse Feed
- Big (Y) Intermediate Chick Grains
- Big (Y) M and O Growing Feed
- Big (Y) M and O Laying Mash
- Big (Y) Scratch Feed
- Big (Y) Starter and Broiler Ration¹³
- Big (Y) Stock Feed
- Big (Y) Turkey Breeder
- Big (Y) Turkey Fattener
- Big (Y) Turkey Growing Feed
- Big (Y) Turkey Starter
- Coarse Wheat Bran
- Neumond's Dried Brewers Grains

VITAMIN D CARRIERS

Amburgo Corp., 1421 Chestnut St., Philadelphia, Pa.
Amber-Oil 85 D, 200-A

Astrol Products, Inc., 217 Center St., New York, N. Y.
Astrol, Homogenized Cod Liver Oil with Condensed Distillers Molasses Solubles

The Borden Co., Special Products Div., 350 Madison Ave., New York 17, N. Y.
Ration-Ayd 400 For Mixing Into Poultry Mash
Ration-Ayd 85 Supplement For Poultry Mash
Ration-Ayd 160 Supplement For Poultry Mash
Ration-Ayd 400 C—1000 A Supplement For Poultry Mash

Dawe's Mfg. Co., 4800 S. Richmond St., Chicago 32, Ill. (See also Table 1.)
Flavonne Ribo-D

E. F. Drew & Co., Inc., Boonton, N. J.
Vitand 85 Vitamin A & D Feeding Oil

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

Dupont Delsterol—"D"—Activated Animal Sterol (Vitamin D) in Edible Powder

Eastern States Farmers' Exchange, West Springfield, Mass.

Calf Tablets
Fortified Sardine Oil

Fish Products Co., Lewes, Del.

Smith's Qualadee A & D Feeding Oil 85
Smith's Qualadee A & D Feeding Oil 100
Smith's Qualadee A & D Feeding Oil

Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.

Gorton's "G.P."
Gorton's Vitamin "A" and "D" Feeding Oil

Iowa Feed Co., 618 Des Moines Bldg., Des Moines, Iowa

Ifco Brand Irradiated Ergosterol

Maine Fish Meal Co., Portland, Me.

Maine Concentrate
Maine Vitaproil

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

Super A plus D Cod Liver Oil, Poultry Feeding Grade

**McKesson & Robbins, Inc., Industrial Chemical Div., 155 E. 44th St.,
New York, N. Y.**

British Medicinal Cod Liver Oil U.S.P.
Sol-vit-ax Cod Liver Oil non-destearinated U.S.P.

National Oil Products Co., Harrison, N. J.

Nopco Special Vitamin A and D Feeding Oil
Nopco 85 Vitamin D Feeding Oil
Nopco 400 Vitamin A and D Feeding Oil
Nopco X Vitamin A and D Feeding Oil
Nopco XX Fortified Cod Liver Oil with Added Vitamins A and D
Nopco XX Vitamin A and D Feeding Oil
Nopco XXX Fortified Cod Liver Oil with Added Vitamins A and D

Sears-Roebuck & Co., Chicago, Ill.

Farm Master D B-G Mix
Farm Master Fortified Cod Liver Oil
Farm Master Vitamin A and D Feeding Oil

Silmo Sales Co., Vineland, N. J.

Vit—D 400
Silmo XX Vitamin A and D Feeding Oil

E. R. Squibb & Sons, 745 Fifth Ave., New York, N. Y.

D—Sec
Exadol—M

Vitaron Chemical Mfg. Co., New York 13, N. Y.

Fortified Cod Liver Oil

White Laboratories, Inc., 113 No. 13th St., Newark 7, N. J.

Clo-Trate "Dry D"
Clo-Trate "400" Vitamin A and D Feeding Oil (2000 A—400 D)
Clo-Trate "800" Vitamin A and D Feeding Oil
Clo-Trate "Super 400" Vitamin A and D Feeding Oil (3000 A—400 D)

Whitmoyer Laboratories, Inc., Myerstown, Pa.

Flav-A-Dee

Whitcod

Whitcod-Cod Liver Oil Fortified—400—D

- ¹ Later substituted by L. B. Starter and Broiler
² Later substituted by Crawford E Poultry Mash
³ Later revised to Crawford Fitting Ration 14%
⁴ Later revised to Crawford Producer 20%
⁵ Later revised to Crawford Turkey Growing Pellets
⁶ Later revised to 16% Dairy Feed
⁷ Later revised to 20% Milk Producer
⁸ Later revised to Larro 20% Broiler Feed
⁹ Later revised to Larro 20% Egg Mash
¹⁰ Later revised to Harco 18% Broiler Mash
¹¹ Later revised to Unity Complete Breeder Mash
¹² Later revised to Unity Complete Tri-Way Mash
¹³ Later revised to Big (Y) Complete Chick Starter and Broiler Ration

INSPECTION

In the calendar year 1946, a total of 1,172 samples was examined. This number includes official samples of commercial feeds and vitamin D carriers, and miscellaneous materials as shown in the following summary:

Biological specimens examined for poisons.....	99
Check feeds, A.F.C.O.....	6
Commercial feeding stuffs, official samples.....	823
Miscellaneous feeds, etc., analyzed for purchasers.....	66
Pasture grass, etc., samples for Storrs Station.....	107
Vitamin D carriers, official samples.....	46
Wet brewers' grains.....	9
Wild bird feed (native seeds and berries).....	16
Total.....	1,172

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

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

Total number of samples.....	823
Samples deficient in:	
one item.....	187
two items.....	38
three items.....	6
Percentage of samples meeting guaranties.....	65
Total guaranties made.....	2,463 ¹
Guaranties not met:	
protein.....	91
fiber.....	145
fat.....	42
Percentage of guaranties met.....	89

There was a rather sharp increase in the number of samples not meeting guaranties over the previous year. In 1945, 130 samples, or 16 per cent, were deficient; in 1946, there were 231 samples, or

¹Six samples with only two guaranties.

35 per cent. Most of the increase was due to feeds containing excessive fiber; 145 such samples were found in 1946 as against only 28 in 1945.

Most samples were examined microscopically to confirm the presence of the ingredients declared on the tags. Because of lack of space, it is not possible to print the results of these analyses in this bulletin; our findings in the case of any particular feed will be furnished upon request.

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

Vitamin D Carriers

Forty-six samples of vitamin D carriers were tested during the year. Results of biological tests are summarized in Table 2. Of the total number examined, 33 fully met or exceeded the potencies guaranteed, eight were sufficiently close to guaranties to be passed, and five were definitely below guaranties. All five of the definitely deficient samples were "Ration-Ayd Supplement for Poultry Mashers".

Tests made in the ten-year period since this work was undertaken are summarized as follows:

Year	No. of samples tested	Found satisfactory	Passed	Below guaranty
1937	44	27	4	13
1938	55	42	5	8
1939	45	31	11	3
1940	56	20	20	16
1941	42	24	12	6
1942	48	25	16	7
1943	42	31	9	2
1944	43	34	5	4
1945	59	48	9	2
1946	46	33	8	5
Totals	480	315	99	66

For the entire ten-year period, the proportion of samples that was found distinctly below guaranty was 14 per cent. In 1946, 11 per cent were definitely deficient.

Miscellaneous Feeds

Sixty-six samples of feed and fodder materials have been examined for purchasers, dealers and manufacturers. Most of these samples were submitted for verification of their declared percentages of protein, fat and fiber or for microscopic determination of their ingredients. A number of feeds were submitted because they were suspected of having caused the deaths of chicks. Three of these feeds contained between 1.28 and 1.32 per cent of salt; more than one per cent of salt is undesirable in chick feeds, but it is doubtful if the amounts of salt in these three samples were sufficient to cause death. No possibly poisonous ingredient other than salt was detected in any sample.

Wet Brewers' Grains

A number of inquiries were received during the year from farmers about the feed value of wet brewers' grains which they were being offered at varying prices. Analyses of nine samples submitted to the Station are given in Table 3. The following article by Professor Merrill of the Connecticut Extension Service is reprinted herewith for the information of those interested in this feed material:

**WET BREWERS' GRAINS
WHAT IS THEIR VALUE? — HOW SHALL WE FEED THEM?**

A. R. MERRILL, EXTENSION DAIRYMAN

Wet brewers' grains, formerly a well known product but for years an almost forgotten source of feed, are with us once more. These grains are now being turned out in quite considerable quantities by several Connecticut breweries. Many dairymen located within short hauling distances from the brewing plants are showing quite an interest in the use of these wet grains.

The wet grains that have been offered for sale during the last two weeks have sold at various prices. Undoubtedly, the prices will fluctuate quite a lot before a base value is determined. In order that dairymen may have some standard value to guide their purchases of these grains, I am giving the analysis of 100 pounds of wet brewers' grains, dry brewers' grains, corn silage, and corn meal.

Comparative Analysis

	Wet Brewers' Grains	Corn Silage	Dried Brewers' Grains	Corn Meal
Water	75.9	73.7	7.5	14.8
Ash	1.0	1.7	3.5	1.4
Crude Protein	5.7	2.1	26.5	9.6
Digestible Protein.	4.6	1.1	21.5	7.1
Fat	1.7	0.8	6.9	4.8
Fiber	3.6	6.3	14.6	1.9
Nitrogen-free Extract	12.1	15.4	41.0	67.6
Total Digestible Nutrients Per Hundred	16.7	17.7	65.7	81.7
Total Digestible Nutrients Per Ton	334 lbs.	354 lbs.	1314 lbs.	1634 lbs.

By comparing the three tables, it will be seen that the wet brewers' grains have a little over one-fourth the feed value pound for pound of dried brewers' grains and practically the same value as well-matured corn silage. Corn silage is a little higher in nitrogen-free extract and total digestible nutrients than the wet grains, but the wet grains carry more protein than corn silage. One will about balance the other. If brewers' grains are to take the place of corn silage, they may be substituted pound for pound.

In estimating the price that can economically be paid for wet grains, it would seem that a fair price could be determined by comparing the digestible nutrients in a ton of wet grains with the digest-

ible nutrients in a ton of corn meal. Corn meal has 1,634 pounds of total digestible nutrients in a ton; wet grains carry 334 pounds per ton. This would give them a value per ton of one-fifth that of corn meal. On a corn meal price of 25 dollars, wet brewers' grains would be worth about five dollars per ton.

Brewers' grains are composed of the residues from the malting of barley. Malt is made by first soaking barley grains in warm water until soft. This grain is then kept at a warm temperature until sprouting begins. During this process the diastase, which is the enzyme that converts starch into malt sugar, increases very rapidly. When sufficient diastase has been formed in the grains, they are dried. After the dried sprouts have been separated from the grains, the part of the grain remaining is called malt. In the manufacture of beer, this malt, after being crushed and rolled, is moistened and mixed with finely cooked cracked corn or hominy. Hops are mixed with the malt. The diastase in the malt works on the mixture of cracked corn or hominy converting the starch and the malt itself into malt sugar. The malt sugar is extracted from the mixture formed and fermented with yeast. Gas is added, the liquid drawn off, and the beer is obtained. This is a general statement of the methods followed. Modern brewing processes are a little more complicated. The freshly extracted residue obtained after the beer is drawn off is known as wet brewers' grains.

Wet grains weigh about 45 pounds to the bushel. They may be fed up to as much as 40 pounds daily. It seems more economical, however, to feed about 20 to 25 pounds daily. They are very palatable, quite bulky, and somewhat laxative. If fed in too heavy amounts, they tend to run the flesh off and may also slightly lower the fat test in the milk.

As a succulent feed to supplement silage they are quite worth while, but there seems to be little reason for feeding them when plenty of silage is available or in connection with silage. These grains will usually find a market in the near vicinity of their manufacture. They may be kept for several days by storing, firmly packed, in barrels.

Since their protein content is a little higher than that of corn silage, it is advisable to feed a low protein grain ration in combination with the wet grains. Any good dairy ration carrying from 14 per cent to 16 per cent crude protein may be used. A simple home mixed ration to feed with these grains would be: 300 pounds corn meal or hominy, 200 pounds bran or mixed feed, and 100 pounds gluten feed. Such a grain ration will hold the cows in good flesh and prevent "burning out".

If purchased at reasonable comparative feed values and fed wisely, wet brewers' grains are much worth while. It may be easily possible, however, to pay too much for them in proportion to their actual value.

Biological Specimens Examined for Poisons

Ninety-nine biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 34 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 (5), arsenic (6), barium (1), cyanide (2), lead (10), lead with antimony (1), lead with barium (1), lead with cadmium (1), lead with zinc (2), mercury (1), strychnine (2), thallium (1) and zinc (1).

One of the strychnine samples was a poisoned bait (meat). The arsenic poisoning cases were all due to contamination of hay with an arsenical weed killer ("Herbicide", a strong solution of sodium arsenite) that had been used on a golf course. With other less poisonous materials available, there is little, if any, excuse for the use of arsenical weed killers.

A man's liver, kidney, brain and urine were examined for the possible presence of barbiturates at the request of a hospital. No more than a doubtful trace of barbiturate was present, but the following amounts of lead and cadmium, in parts per million, were found: liver, lead 6.4, cadmium 10; kidney, lead 3.4, cadmium 50; brain, lead 3.7; urine, lead 0.8.

The acquisition of the spectrograph has made it possible to examine all specimens for poisonous metals in a fraction of the time formerly required and with greater certainty of detection of uncommon elements.

Wild Bird Feed

Native seeds and berries of interest as potential sources of feed for wild life have been analyzed for Mr. James S. Bishop¹ and reported in previous bulletins [456 (1941), 473 (1942) and 486 (1945)].

Sixteen analyses made in 1946 are given in Table 4.

A.F.C.O. Samples

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

DETERMINING GUARANTIES

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

¹ State Department of Fisheries and Game.

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

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

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

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

Example

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

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

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
5349	Ward G. Ackerman, Altamont, N. Y. Ackerman's Super-X-Laying Mash...	Oakville: C.A. Stone Feed & Coal Co.	10.50	18.13	18.00	6.55	10.00	4.89	3.50
7217	Acme Milling Co. Olean, N. Y. Acme-Farmix 16% Dairy Ration....	Middlefield: Middlefield Grain & Coal Co.....	11.95	16.00	16.00	6.85	9.00	3.72	3.00
7218	All-Purpose Mash.....	Middlefield: Middlefield Grain & Coal Co.....	10.97	16.63	15.00	9.15	8.00	4.39	3.00
7097	Albers Milling Co., Seattle, Wash. Albers Calf Manna.....	Ansonia: Ansonia Grain Co.....	10.20	26.44	25.00	4.40	5.00	4.12	4.00
7690	Allied Mills, Inc., Chicago, Ill. Red Feather Scratch Feed.....	Plainville: Sunshine Feed Store....	12.16	10.00	9.00	3.20	4.00	3.28	2.00
7699	Wayne All Mash Egg.....	Plainville: Sunshine Feed Store....	10.34	16.13	15.00	8.35	8.00	4.32	2.50
7711	Wayne Breeder Mash.....	Winsted: C. S. Roberts & Son....	10.07	21.88	20.00	8.52	8.00	4.43	3.00
7178	Wayne Calf Meal.....	Plainville: Sunshine Feed Store....	11.21	23.00	24.00	6.10	7.00	4.13	3.00
7695	Wayne Chick and Broiler Ration....	Plainville: Sunshine Feed Store....	10.11	19.81	19.00	8.84	8.00	4.58	3.00
8028	Wayne Chick Feed.....	Plainville: Sunshine Feed Store....	12.18	11.38	9.00	2.02	4.00	4.56	2.00
8029	Wayne Chick Starter.....	Plainville: Sunshine Feed Store....	10.24	18.44	18.00	7.30	7.00	4.96	3.00
8031	Wayne Complete Calf Feed.....	Plainville: Sunshine Feed Store....	9.66	17.00	16.00	10.11	9.00	4.22	3.00

7180	Wayne 16% Dairy Ration.....	Plainville: Sunshine Feed Store....	11.18	17.69	16.00	8.05	10.00	4.49	3.00
7723	Wayne 20% Dairy Ration.....	Falls Village: H. E. Dean.....	10.26	20.25	20.00	9.01	10.00	4.50	3.00
7691	Wayne Egg Mash.....	Plainville: Sunshine Feed Store....	10.42	19.00	18.00	9.10	8.00	4.18	3.00
7693	Wayne Fitting Ration.....	Plainville: Sunshine Feed Store....	11.01	15.13	12.00	7.45	9.00	4.50	3.00
7698	Wayne Flushing Mash.....	Plainville: Sunshine Feed Store....	10.51	22.13	20.00	4.65	7.00	3.26	3.00
7440	Wayne Growing Mash.....	Winsted: C. S. Roberts & Son.....	11.33	17.56	16.00	8.40	8.00	4.16	3.00
7697	Wayne Horse Feed.....	Plainville: Sunshine Feed Store....	11.72	11.00	9.00	8.85	12.00	3.89	2.50
8030	Wayne 26% Mash Supplement.....	Plainville: Sunshine Feed Store....	8.96	26.31	26.00	9.35	10.00	4.86	3.00
7696	Wayne Pork Maker.....	Plainville: Sunshine Feed Store....	10.77	15.81	14.00	7.60	8.00	4.79	3.00
7700	Wayne Rabbit Pellets.....	Plainville: Sunshine Feed Store....	9.90	14.50	13.00	10.75	16.00	4.23	3.00
7179	Wayne Ranch Meal.....	Plainville: Sunshine Feed Store....	10.46	17.56	17.00	6.35	7.50	4.25	3.50
7692	Wayne Turkey Growing Mash.....	Plainville: Sunshine Feed Store....	10.61	19.88	20.00	7.79	8.00	5.04	3.00
Archer-Daniels-Midland Co., Minneapolis 2, Minn.									
7605	Archer Quality 41% Protein Soybean Oil Meal.....	Amston: Amston Grain Mill.....	11.14	45.50	41.00	5.70	7.00	3.99	3.50
E. W. Bailey & Co., Montpelier, Vt.									
7702	Bailey's Pennant Brand 16% Dairy Ration.....	Mansfield Depot: G. Merritt Thompson.....	10.48	17.06	16.00	8.04	8.00	4.39	3.00
7553	Bailey's Pennant Brand 18% Dairy Ration.....	No. Franklin: The Berkman Grain & Coal Co.....	9.73	19.13	18.00	7.30	9.00	4.02	3.00
7737	Bailey's Pennant Brand Emergency 18.....	Wallingford: A. E. Hall.....	9.97	20.38	18.00	10.62	11.00	3.52	3.00
7701	Bailey's Pennant Brand Fitting Ration.....	Mansfield Depot: G. Merritt Thompson.....	10.76	14.88	14.00	10.11	7.50	4.59	3.00
7978	Bailey's Pennant Brand Flushing Mash.....	No. Franklin: The Berkman Grain & Coal Co.....	9.44	17.81	17.00	5.42	6.00	3.60	3.00
7703	Bailey's Pennant Brand Growing Mash.....	Mansfield Depot: G. Merritt Thompson.....	10.74	18.19	18.00	4.03	7.00	4.61	3.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fa	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
7602	E. W. Bailey & Co.—Cont. Montpelier, Vt. Bailey's Pennant Brand Pig Feed . . .	No. Franklin: The Berkman Grain & Coal Co.	10.43	18.75	17.00	7.77	7.00	4.36	3.00
	The Beacon Milling Co., Inc., Cayuga, N. Y.								
7739	Auburn "16"	Wallingford: L & H Feed Co.	10.63	18.31	16.00	9.07	10.00	3.67	3.25
7644	Beacon Battery Broiler Pellets	Hampton: Beacon Grain Store	9.71	20.44	20.00	5.30	7.00	4.82	3.00
7738	Beacon Battery Laying Ration	Wallingford: L & H Feed Co.	10.38	17.63	15.00	8.41	7.50	4.60	3.50
7957	Beacon Breeders Mash	Hampton: Beacon Grain Store	9.86	23.88	22.00	7.07	7.50	5.21	3.50
5508	Beacon Broiler Feed (For Range Floor or Battery Use)	Southbury: H. H. Stone & Sons	9.55	22.63	20.00	4.75	7.00	4.85	3.00
7649	Beacon Calf Grains	Hampton: Beacon Grain Store	10.67	17.63	14.00	7.85	10.00	3.92	4.00
7872	Beacon Calf Starter	Bantam: Washington Supply Co., Inc.	10.50	21.50	19.00	5.50	7.00	5.11	3.50
5509	Beacon Complete Starting Ration	Southbury: H. H. Stone & Sons	9.50	20.94	20.00	5.20	6.50	4.43	3.50
7741	Beacon "22" Egg Mash	Wallingford: L & H Feed Co.	10.14	23.31	22.00	7.31	7.50	4.60	3.50
8001	Beacon Emergency Egg Mash	New Haven: Frank S. Platt Co.	10.22	22.06	20.00	7.57	7.50	4.54	3.50
7869	Beacon Fitting Ration	Bantam: Washington Supply Co., Inc.	11.39	15.19	14.00	7.79	8.00	4.07	3.50
7871	Beacon Flething Pellets	Bantam: Washington Supply Co., Inc.	9.95	21.63	20.00	6.27	7.50	5.19	3.50

7185	Beacon Goat Ration	Unionville: Lawton-Miner Co.	12.97	18.19	16.00	7.30	10.00	4.04	3.50
7363	Beacon Growing Mash	Southbury: H. H. Stone & Sons ...	9.80	19.50	18.00	8.25	7.50	4.94	3.50
7648	Beacon Hog Feed	Hampton: Beacon Grain Store	10.04	18.81	18.00	6.45	7.00	4.37	3.50
8008	Beacon Pheasant Grower (1/8" Pellets)	Southbury: H. H. Stone & Sons ...	9.40	29.75	28.00	6.84	6.00	5.25	3.00
7773	Beacon Poultry Fitting Ration	Botsford: G. T. Rasmussen	12.09	16.63	12.00	6.34	8.00	3.05	3.00
7366	Beacon Special "18"	Botsford: G. T. Rasmussen	10.48	20.31	18.00	7.65	9.00	3.45	3.50
7958	Beacon Test Cow Ration	Hampton: Beacon Grain Store	10.89	18.19	16.00	7.54	9.00	4.34	4.00
7647	Beacon Turkey and Game Bird Fitting Ration	Hampton: Beacon Grain Store	11.50	12.81	10.00	7.10	9.00	3.28	3.00
7364	Beacon Turkey Growing Mash	Southbury: H. H. Stone & Sons ...	9.35	22.88	20.00	8.00	7.50	4.61	3.00
7783	Beacon's Cayuga Horse Feed	Danbury: Barnum's Feed Store	11.25	12.94	10.00	7.82	9.00	3.50	2.50
7645	Be-Co-Lass	Hampton: Beacon Grain Store	11.53	12.69	11.00	11.80	16.00	2.90	1.00
Benson Feed Mills, Inc., Omaha, Neb.									
5459	Gold Crest All Mash	Norwich: The A. E. Shedd Co.	11.30	14.06	16.00	4.95	8.00	3.66	4.00
The Berkman Grain & Coal Co., No. Franklin, Conn.									
7977	Nibco Breeder Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	9.39	21.19	20.00	7.75	7.00	4.60	4.00
7976	Nibco Chick Starter with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	9.00	20.25	17.50	8.44	6.00	4.93	3.50
7552	Nibco Laying Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	10.00	18.75	19.00	8.60	7.00	4.05	4.00
7551	Nibco Starter and Broiler Mash with Fortified Cod Liver Oil	No. Franklin: The Berkman Grain & Coal Co.	9.98	21.13	18.50	8.35	6.00	3.91	3.50
Blatchford Calf Meal Co., Waukegan, Ill.									
7557	Blatchford Complete Calf Ration	No. Franklin: The Berkman Grain & Coal Co.	11.00	20.38	19.50	8.85	9.50	4.16	3.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Blatchford Calf Meal Co.—Cont. Waukegan, Ill.								
7533	Blatchford's Calf Meal and Blatchford's Calf Pellets.....	Granby: E. H. Rollins & Sons, Inc..	10.55	24.81	25.00	5.25	6.00	3.59	3.50
5359	V-D.....	Watertown: Watertown Co-Op. Assoc., Inc.....	10.56	32.38	31.00	6.35	7.50	5.13	3.00
	Blatchley & Ballard, Inc., Middletown, Conn.								
7228	Bee Brand All Purpose Mash.....	No. Westchester: Westchester Grain & Oil Co.	11.13	14.50	15.00	8.05	8.00	3.85	3.00
7694	Bee Brand 16% Dairy Ration.....	Plainville: Sunshine Feed Store ...	9.76	16.38	16.00	9.05	12.00	5.23	4.00
7984	Bee Brand 20% Dairy Ration.....	Amston: Amston Grain Mill	8.93	24.56	20.00	7.29	10.00	4.31	4.50
7115	Bee Brand Fitting Ration.....	Torrington: Litchfield County Co- Op. Assoc., Inc.....	12.19	14.50	14.00	6.95	9.00	3.72	4.00
7981	Bee Brand Hog Ration.....	Amston: Amston Grain Mill	9.63	19.13	18.00	7.14	8.00	4.45	3.50
5221	Bee Brand Laying Mash.....	Hartford: H. L. Solloway	9.18	16.94	18.00	8.10	7.00	4.66	4.00
7706	Bee Brand Starter and Broiler Mash.	Warrenville: Ashford Co-Op. Assoc.	9.40	18.00	18.00	7.46	6.00	4.47	3.50
	Blue Banner Feed Co., East St. Louis, Ill.								
5323	Blue Banner Laying Mash.....	Middletown: P. Levson & Son....	10.00	17.81	18.00	7.50	7.50	3.60	3.50

7542	The Borden Co., New York 17, N. Y. Ration-Ayd M-R Supplement For Feeds.....	Granby: E. H. Rollins & Sons, Inc..	8.00	36.63	32.00	3.85	6.00	2.41	0.50
7313	Bradley & Baker, New York, N. Y. Bradbake Fish Meal.....	Rockville: Farmers' Milling Co., Inc.	8.61	59.75	58.00	0.70	3.00	7.50	6.00
7229	L. Broder & Co., Colchester, Conn. L. B. Laying Mash.....	Colchester: L. Broder & Co.....	10.84	20.00	20.00	5.40	5.80	4.64	4.00
7230	L. B. 16% Milk Ration.....	Colchester: L. Broder & Co.....	10.85	17.25	16.00	7.90	8.00	4.26	3.50
5262	The Brooklawn Grain & Feed Co., Bridgeport, Conn. Brooklawn 16% Dairy Ration.....	Bridgeport: Brooklawn Grain & Feed Co.....	7.70	16.75	16.00	11.20	9.00	5.60	4.00
5263	Brooklawn Egg Mash.....	Bridgeport: Brooklawn Grain & Feed Co.....	7.85	17.88	16.00	9.28	6.00	5.01	4.00
7423	The C. W. Campbell Co., Pawcatuck, Conn. Best Pig and Hog Ration.....	Groton: The C. W. Campbell Co...	10.75	17.25	15.00	6.10	8.00	4.61	4.00
7421	Camco Horsefeed.....	Groton: The C. W. Campbell Co...	10.42	14.50	10.00	9.20	10.00	3.38	3.00
7429	Campbell's 16% Dairy Ration.....	Pawcatuck: The C. W. Campbell Co.....	11.23	17.56	16.00	7.70	8.00	4.14	4.00
7422	Egg-O-Chick Starter and Broiler Ration.....	Groton: The C. W. Campbell Co...	10.55	17.25	18.00	7.80	6.00	4.58	4.00
7427	Egg-O Growing Mash.....	Pawcatuck: The C. W. Campbell Co.....	10.85	18.25	18.00	7.05	8.00	4.77	4.00
7425	Egg-O Laying and Breeding Mash...	Mystic: The C. W. Campbell Co...	11.00	18.56	18.00	7.80	8.00	4.38	4.00
7430	Egg-O Turkey Grower.....	Pawcatuck: The C. W. Campbell Co.....	10.14	19.88	20.00	7.90	8.00	4.94	4.00
7426	12% Fitting Ration.....	Mystic: The C. W. Campbell Co...	10.62	15.06	12.00	8.10	9.00	4.47	3.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
5463	The A. B. Caple Co., Toledo, Ohio Capex Dehydrated Alfalfa Meal	Norwich: The A. E. Shedd Co.	7.10	15.00	15.00	28.00	31.00	2.38	1.50
7604	Center Milk Products Co., Middlebury, Pa. Neo-Lac	Amston: Amston Grain Mill	10.94	32.00	24.00	2.60	5.00	3.79	2.00
7306	Central Conn. Co-Op. Farmers' Assoc., Inc., Manchester, Conn. Honest Brand Breeder Mash	Manchester: Central Conn. Co-Op. Farmers' Assoc.	9.86	19.25	19.00	8.84	8.00	5.86	3.50
7310	Honest Brand Growing Mash	Manchester: Central Conn. Co-Op. Farmers' Assoc.	9.78	18.94	18.00	7.05	8.00	5.10	3.50
7309	Honest Brand Laying Mash	Manchester: Central Conn. Co-Op. Farmers' Assoc.	10.40	18.00	18.00	6.75	8.00	4.33	3.50
7307	Honest Brand Starting Mash	Manchester: Central Conn. Co-Op. Farmers' Assoc.	10.26	18.75	18.00	6.30	8.00	4.43	3.50
7308	Honest Brand Turkey Starter Mash	Manchester: Central Conn. Co-Op. Farmers' Assoc.	10.40	19.75	20.00	7.15	8.00	4.40	3.50

	Central Soya Co., Inc., Fort Wayne, Ind.								
7304	Central Soybean Oil Meal	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	11.12	43.06	41.00	4.70	7.00	5.23	3.50
7836	Central Star Brand Soybean Oil Meal	Plantstville: C. A. Cowles, Inc.	11.23	45.63	44.00	5.79	7.00	1.37	0.50
	Clinton Co., Clinton, Iowa								
7270	Clinton Corn Gluten Feed	Shelton: Wolf's Feed Store	11.25	25.19	23.00	7.30	8.50	1.44	2.00
	Commander-Larabee Milling Co., Minneapolis, Minn.								
5340	Sunfed Wheat Bran with Ground Screenings	Storrs: University of Conn. (Poultry Dept.)	10.09	16.88	14.00	9.85	12.00	5.25	4.00
7827	Sunfed Wheat Standard Middlings with Ground Screenings	Cheshire: Center Grain Co.	11.48	17.31	15.00	7.99	9.50	5.49	4.00
	Community Service, Inc., Canaan, Conn.								
7724	Community Complete Pig Feed	Canaan: Community Service, Inc. .	9.74	14.94	14.00	6.59	8.00	4.29	4.00
7729	Community 16% Dairy Ration	Canaan: Community Service, Inc. .	10.39	18.00	16.00	9.70	11.00	4.57	3.50
7728	Community 18% Dairy Ration	Canaan: Community Service, Inc. .	10.03	18.63	18.00	9.82	10.00	4.45	4.00
7725	Community Fitting Ration	Canaan: Community Service, Inc. .	7.74	17.13	14.00	8.99	8.50	4.73	3.50
7719	Community Growing Mash	Falls Village: Community Service Inc.	9.97	19.38	18.00	7.32	6.50	4.60	4.00
7727	Community Laying Mash	Canaan: Community Service, Inc. .	10.04	20.38	18.00	6.84	6.50	4.64	4.00
7726	Community Starter and Grower Mash	Canaan: Community Service, Inc. .	9.95	19.88	17.00	7.54	6.50	4.72	4.00
7730	Cornell Calf Starter	Canaan: Community Service, Inc. .	10.87	21.38	16.00	7.34	8.00	3.96	3.00
	Connecticut Dried Grains, Colchester, Conn.								
7609	Dried Brewers Grain	Amston: Conn. Dried Grains	11.15	21.44	25.00	14.56	13.00	5.84	6.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
7382	Consolidated Products Co., Danville, Ill. Kaff-A	Thompsonville: Thompsonville Big Y Grain Co.....	10.24	27.00	25.00	1.40	2.00	4.29	4.00
7792	Consolidated Rendering Co., Boston, Mass. Corenco Feeding Bone Meal	West Haven: New Haven Rendering Co.....	9.42	11.56	10.00	.....	.....	.....	.....
7965	Corenco Fish Meal	Storrs: University of Conn., (Poultry Dept.)	9.30	62.56	60.00	.....	.....	6.55	5.00
7534	45% Corenco Meat and Bone Scrap ..	Granby: E. H. Rollins & Sons, Inc. .	5.80	46.06	45.00	.....	.....	9.55	6.00
7973	47% Corenco Meat and Bone Scrap ..	Middletown: Meech & Stoddard, Inc.....	5.70	43.19	47.00	.....	.....	8.87	6.00
7414	Corenco 50% Meat and Bone Scrap ..	Thomaston: The Thomaston Supply Co., Inc.	6.38	45.44	50.00	.....	.....	9.13	6.00
7793	Corenco 50% Meat and Bone Scrap ..	West Haven: New Haven Rendering Co.....	5.12	50.06	50.00	.....	.....	10.56	6.00
8015	Continental Distilling Corp., Philadelphia, Pa. Distillers Dried Solubles	Norwich: The Yantic Grain & Products Co.....	5.78	27.75	15.00	2.97	5.00	6.89	trace

	The O. A. Cooper Co., Humboldt, Neb.								
7612	20% Protein Turkey Grower.....	Windsor: Farmers Grain & Hardware Co.....	9.09	20.00	20.00	9.60	6.00	3.91	4.00
	Corn Products Refining Co., New York 4, N. Y.								
7617	Buffalo Corn Gluten Feed.....	Bloomfield: Bloomfield Farmers' Exchange, Inc.....	10.35	23.69	23.00	7.85	8.50	2.48	2.00
8034	Diamond Corn Gluten Meal.....	New Britain: The C. W. Lines Co..	11.35	41.25	41.00	1.12	6.00	1.98	1.00
	C. A. Cowles, Inc., Plantsville, Conn.								
5353	Cowles' Blue C Broiler and Starting Mash.....	Oakville: Oakville Hay, Grain & Coal Co.....	9.83	16.88	16.00	8.02	8.00	4.08	4.00
5248	Cowles' Blue C Dairy Ration.....	East Hartford: C. A. Cowles, Inc...	8.26	16.06	16.00	10.00	11.00	4.88	3.50
7116	Cowles' Blue C Dairy Ration.....	Torrington: Litchfield County Co-Op. Assoc., Inc.....	10.25	16.13	16.00	9.15	11.00	4.46	3.50
7375	Cowles' Blue C Fitting and Calf Ration.....	Warehouse Point: C. A. Cowles, Inc.....	9.81	14.63	12.00	10.90	9.00	4.47	3.50
5354	Cowles' Blue C Growing Mash.....	Oakville: Oakville Hay, Grain and Coal Co.....	9.35	18.94	16.00	9.70	7.50	3.88	4.00
5270	Cowles' Blue C Hog and Pig Feed.	Naugatuck: Valley Grain and Supply Co.....	10.07	18.44	18.00	8.10	6.00	4.50	5.00
5264	Cowles' Blue C Horse Feed with Molasses.....	Milford: C. A. Cowles, Inc.....	10.04	13.13	10.00	9.58	10.00	3.86	3.00
5249	Cowles' Blue C Laying Mash.....	East Hartford: C. A. Cowles, Inc...	9.93	17.31	18.00	8.27	7.50	4.38	3.50
7117	Cowles' Blue C Laying Mash.....	Torrington: Litchfield County Co-Op. Assoc., Inc.....	9.93	18.13	18.00	9.20	7.50	3.25	3.50
7451	Cowles' Blue C Starting Mash.....	Plantsville: C. A. Cowles, Inc.....	9.91	15.88	18.00	9.40	6.00	4.40	4.00
7832	Cowles' Blue C Starting Mash.....	Plantsville: C. A. Cowles, Inc.....	11.09	17.25	18.00	5.74	6.00	4.20	4.00
7376	Cowles' Blue C Turkey Finishing Feed.....	Warehouse Point: C. A. Cowles, Inc.....	10.76	16.25	20.00	7.95	7.00	4.41	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
<p>C. A. Cowles, Inc.,—Cont. Plantsville, Conn.</p>									
7831	Cowles' Blue C Turkey Finishing Feed.....	Plantsville: C. A. Cowles, Inc.....	10.69	21.13	20.00	6.39	7.00	4.68	4.00
7184	Cowles' Blue C Turkey Starting and Growing Mash.....	Unionville: Lawton-Miner Co.....	10.23	14.63	18.00	10.50	7.00	4.07	4.00
7830	Cowles' Blue C Turkey Starting and Growing Mash.....	Plantsville: C. A. Cowles, Inc.....	9.92	20.88	18.00	6.32	7.00	4.45	4.00
7450	Cowles' Plantsville Dairy Ration....	Plantsville: C. A. Cowles, Inc.....	9.48	18.75	16.00	12.00	12.00	5.49	3.00
7444	Cowles' Red C Laying Mash.....	Plantsville: C. A. Cowles, Inc.....	11.07	15.88	16.00	10.20	8.00	3.85	4.00
5269	Cowles' Red C Starting and Growing Mash.....	Naugatuck: Valley Grain & Supply Co.....	9.55	16.44	15.00	7.92	7.00	4.36	4.00
<p>Chas. M. Cox Co., Boston 9, Mass.</p>									
5346	Blue Belt Egg Mash.....	Willimantic: Willimantic Grain Co.	10.55	19.38	18.00	5.50	6.50	3.78	3.50
5281	18% Broiler Mash.....	Southbury: Southbury Grain Co....	11.20	18.06	18.00	7.55	7.00	3.05	4.00
5258	18% Egg Mash.....	Bridgeport: Willis Seed Store.....	11.33	19.06	18.00	7.70	7.00	3.28	4.00
5280	18% Growing Mash.....	Southbury: Southbury Grain Co....	11.66	18.19	18.00	4.63	7.00	3.07	4.00
7684	Wirthmore Baby Chick Scratch Feed.	Cromwell: F. I. Nordgren.....	12.32	10.06	10.00	1.65	3.50	3.36	2.50
5515	Wirthmore Breeder Mash (Pellets)...	Plainfield: Dayville Grain & Feed Co.....	10.08	22.13	20.00	5.85	7.00	4.28	3.00

7436	Wirthmore Calf Starter Meal (Or Pellets)	Torrington: F. L. Wadhams & Sons, Inc.	10.26	23.44	22.00	5.55	6.00	3.82	3.50
7815	Wirthmore Calving Ration	Putnam: Dayville Grain Co.	11.54	17.00	14.00	9.37	10.00	4.22	4.00
5384	Wirthmore Complete Breeder Ration (Or Pellets)	Stepney: Wirthmore Grain & Coal Co.	10.69	15.44	15.00	4.60	6.00	4.03	3.00
5413	Wirthmore Complete Egg Ration (Or Pellets)	Danbury: Benjamin Grain Co.	10.68	16.25	15.00	5.40	6.00	4.33	3.00
5373	Wirthmore Complete Growing Ration	Milford: Milford Grain Co.	11.87	14.63	15.00	5.82	7.00	4.16	3.00
7934	Wirthmore 20 Dairy Ration	Southport: C. Buckingham Co., Inc.	10.71	21.63	20.00	7.14	8.00	3.62	3.50
5342	Wirthmore 14 Fitting Ration	Mansfield Depot: Mansfield State Hospital	11.35	15.50	14.00	7.75	8.00	4.31	4.00
5383	Wirthmore Growing Mash (Or Pellets)	Stepney: Wirthmore Grain & Coal Co.	10.12	17.63	17.50	6.55	7.00	4.59	3.00
5215	Wirthmore Laying Mash (Or Pellets)	New Haven: R. G. Davis & Sons, Inc.	10.37	17.75	20.00	5.17	7.00	4.50	3.00
7754	Wirthmore Pig and Hog Feed	Noroton: The Davis Grain Co.	11.14	17.19	17.00	6.64	9.00	3.72	3.00
5516	Wirthmore Poultry Flush	Plainfield: Dayville Grain & Feed Co.	9.00	21.06	15.00	5.10	6.00	3.36	3.00
7187	Wirthmore Rabbit Pellets	Meriden: H. Grulich	9.75	15.38	14.00	10.00	15.00	4.55	3.00
5372	Wirthmore 16 Record Ration	Milford: Milford Grain Co.	11.22	20.31	16.00	7.25	8.00	3.25	3.50
5300	Wirthmore Standard 16 Dairy Ration	Branford: S. V. Osborn Est.	10.68	17.44	16.00	7.00	10.00	3.41	3.00
7616	Wirthmore Standard Horse Feed	Bloomfield: Bloomfield Farmers' Exchange, Inc.	11.98	12.00	10.00	7.05	9.00	3.41	3.25
5311	Wirthmore Starter and Broiler Ration	Clinton: Clinton Grain Co.	10.58	20.13	20.00	5.30	6.50	4.24	3.00
5415	Wirthmore Stock Feed	Danbury: Benjamin Grain Co.	9.93	9.75	10.00	10.80	11.00	3.17	3.00
7936	Wirthmore Super Pellets	Southport: C. Buckingham Co., Inc.	10.69	20.13	20.00	5.47	10.00	4.62	3.00
7105	Wirthmore Turkey Fattening Ration	Litchfield: F. L. Wadhams & Sons, Inc.	12.04	16.63	16.00	3.65	7.00	3.66	3.00
7186	Wirthmore Turkey Growing Ration (Or Pellets)	Meriden: H. Grulich	11.19	20.19	20.00	6.45	7.00	3.36	3.00
5414	Wirthmore Turkey Starting Ration	Danbury: Benjamin Grain Co.	9.88	25.38	25.00	6.25	7.00	4.08	3.00
7816	Wirthmore Twin Mix Calf Ration	Putnam: Dayville Grain Co.	11.06	18.25	16.00	7.22	7.00	4.68	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Crawford Bros., Inc., Walton, N. Y.								
5402	Crawford Complete Egg Mash	Stevenson: Burr & Twist	9.65	17.25	16.00	5.85	8.00	4.12	3.50
5400	Crawford Complete Growing Mash	Stevenson: Burr & Twist	10.05	16.81	15.00	5.15	8.00	4.17	3.00
7176	Crawford E Poultry Mash	Southington: Louis Perillo Coal Co.	9.85	17.69	16.00	10.75	14.00	4.22	3.00
7840	Crawford Growing Mash or Pellets	Southington: Louis Perillo Coal Co.	10.02	19.19	18.00	8.04	8.00	4.19	3.50
7837	Crawford Laying Mash or Pellets	Southington: Louis Perillo Coal Co.	10.56	22.13	20.00	7.44	8.00	4.40	3.50
8025	Crawford Pig Grower and Fattener	Jewett City: Jewett City Farmers' Exchange	9.99	18.13	16.00	7.74	8.00	3.83	4.00
7839	Crawford Producer 18%	Southington: Louis Perillo Coal Co.	10.78	18.63	18.00	8.74	12.00	3.47	3.50
8024	Crawford Rabbit Pellets	Jewett City: Jewett City Farmers' Exchange	10.25	21.50	16.00	9.10	8.00	4.59	3.00
5403	Crawford Range Grower Or Pellets	Stevenson: Burr & Twist	9.70	18.75	16.00	5.15	8.00	3.69	3.50
8023	Crawford Special Test 18%	Jewett City: Jewett City Farmers' Exchange	10.19	22.44	16.00	8.34	10.00	4.09	4.00
7886	Crawford Turkey E.	Norwalk: Independent Feed Store	8.67	18.19	16.00	11.72	14.00	2.93	3.00
	Crookston Milling Co., Crookston, Minn.								
5347	Crema Dairy Feed	Willimantic: Willimantic Grain Co.	9.90	19.69	20.00	7.30	9.00	5.35	3.50
5345	Minnesota Maid Egg Mash	Willimantic: Willimantic Grain Co.	10.53	20.00	18.50	7.95	7.00	4.63	5.00

P. Cutler, Inc., Colchester, Conn.									
7225	Prosperity 16% Dairy Feed.....	East Hampton: G. & S. Service Station.....	10.40	15.19	16.00	10.05	11.00	5.62	3.50
7464	Prosperity Growing Mash.....	Colchester: P. Cutler, Inc.....	9.64	14.50	16.00	8.00	10.00	5.28	4.00
7474	Prosperity Laying Mash.....	Colchester: P. Cutler, Inc.....	10.00	14.25	14.00	8.05	10.00	5.10	4.00
7473	Prosperity Pig Ration.....	Colchester: P. Cutler, Inc.....	11.05	10.63	10.00	6.05	10.00	3.47	3.50
7465	Prosperity Stock Feed.....	Colchester: P. Cutler, Inc.....	9.52	10.88	8.00	8.95	10.00	5.04	3.50
Bailey Mills, Inc., Olean, N. Y.									
7182	Double Diamond All Mash Grower..	Unionville: Farmington Grain & Lumber Co.....	11.23	16.19	15.00	7.00	7.00	3.22	3.50
7183	Double Diamond All Mash Layer...	Unionville: Farmington Grain & Lumber Co.....	10.78	14.88	15.00	8.15	7.00	3.90	3.50
7866	Double Diamond Body Builder.....	Kent: H. H. Taylor & Son, Inc....	10.96	12.56	12.00	6.62	7.00	4.31	4.00
7290	Double Diamond Body Producer Pellets.....	Montowese: Osmun's Economy Feed Service.....	10.32	15.50	15.00	7.75	7.00	4.22	4.00
7266	Double Diamond Broiler.....	Ansonia: A. Hodos & Sons, Inc....	11.00	16.00	18.00	7.45	7.00	3.75	3.50
7865	Double Diamond Broiler.....	Kent: H. H. Taylor & Son, Inc....	10.06	19.00	18.00	7.62	7.00	3.65	3.50
7864	Double Diamond Complete Calf Producer.....	Kent: H. H. Taylor & Son, Inc....	9.62	21.88	18.00	6.99	7.00	5.67	3.00
7740	Double Diamond Horse Feed.....	Wallingford: L & H Feed Co.....	12.32	10.13	10.00	9.24	8.00	3.09	3.00
7208	Double Diamond Layer.....	New Britain: Hugh Reynolds Grain & Feed Co.....	10.82	17.88	20.00	6.40	7.00	4.56	3.50
7285	Double Diamond Rabbit Pellets.....	Bridgeport: Economy Feed Store..	11.10	14.63	15.00	10.00	12.00	4.37	3.00
7268	Double Diamond Scratch Grains....	Ansonia: A. Hodos & Sons, Inc....	13.14	10.00	10.00	4.10	4.00	3.60	3.00
7267	Double Diamond 23% Starter.....	Ansonia: A. Hodos & Sons, Inc....	10.40	27.50	23.00	6.10	7.00	5.17	3.50
7296	Double Diamond 16% Test Ration...	Wallingford: D. W. Ives.....	10.49	18.06	16.00	11.10	9.00	3.06	4.00
7974	Double Diamond 16% Test Ration..	No. Franklin: John N. Manning...	8.71	16.50	16.00	7.74	9.00	3.92	4.00
7975	Double Diamond 20% Test Ration..	No. Franklin: John N. Manning...	9.07	20.00	20.00	9.19	9.00	3.48	4.00
7181	Double Diamond Turkey Grower and Finisher.....	Unionville: Farmington Grain & Lumber Co.....	10.55	17.88	18.00	7.20	8.00	3.75	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
	Dailey Mills, Inc.,—Cont. Olean, N. Y.									
7275	Egg Producer.....	Bridgeport: Economy Feed Store...	10.93	16.38	18.00	7.30	7.00	4.91	3.50	
7456	20% Milk Producer.....	Bristol: Bristol Grain & Supply Co.	9.41	17.50	20.00	9.30	10.00	3.71	4.00	
7868	20% Milk Producer.....	Kent: H. H. Taylor & Son, Inc....	10.01	21.88	20.00	9.46	10.00	3.41	4.00	
7087	Pig and Hog Ration.....	Saugatuck: L. H. Gault & Son, Inc.	10.44	13.25	13.00	8.20	10.00	4.22	3.00	
5297	Range Grower.....	Wallingford: L & H Feed Co.....	11.44	15.88	16.00	6.10	7.00	4.21	3.50	
7276	Revitalizer.....	Bridgeport: Economy Feed Store...	12.46	16.50	13.00	4.70	4.00	5.55	3.50	
7289	Starter and Grower.....	Montowese: Osmun's Economy Feed Service.....	11.51	14.25	18.00	6.70	7.00	3.97	3.50	
	R. G. Davis & Sons, Inc., New Haven, Conn.									
7094	Davis Egg Mash with Buttermilk and Cod Liver Oil.....	Ansonia: Ansonia Feed Co.....	10.98	18.38	18.00	5.65	6.00	3.64	3.00	
5423	Davis Growing Mash with Butter- milk and Cod Liver Oil.....	Norwalk: Winnipauk Grain Co....	10.73	15.75	15.00	4.75	6.00	4.65	3.00	
	Dawe's Manufacturing Co., Chicago 32, Ill.									
5333	Flavonne Ribo-D.....	Seymour: Seymour Grain & Coal Co.....	8.58	32.56	31.00	1.65	5.00	2.45	2.00	

	Dawson County Feed Products Co., Lexington, Neb.								
7312	17% Dehydrated Alfalfa Meal	Rockville: Farmers' Milling Co., Inc.	7.18	18.25	17.00	25.30	30.00	2.31	1.50
	Delaware Mills, Inc., Deposit, N. Y.								
7369	Delaware Chick Starter	Glastonbury: Stanley Melzen	10.65	19.50	18.00	8.55	7.00	4.84	3.50
7214	Delaware Egg Mash	New Britain: William Cohen	10.89	17.88	16.00	10.85	9.00	5.00	3.00
7213	Delaware Emergency Growing Mash	New Britain: William Cohen	10.99	18.75	16.00	11.00	7.00	4.48	3.00
7368	Delaware Fitting Ration	Glastonbury: Stanley Melzen	11.13	15.63	14.00	11.85	10.00	4.97	4.00
7478	Delaware Horse Feed	Colchester: Einhorn's Grain Store	11.02	12.25	9.00	12.30	10.00	4.03	3.00
7261	Delaware Pig and Hog Feed	Georgetown: The Connery Bros. Co	12.06	16.75	16.00	12.05	8.00	5.48	4.00
7713	Delaware Rabbit Pellets	Winsted: Hawley Feed Mill	9.75	16.50	14.00	10.32	20.00	4.59	3.00
7479	Delaware Sweet 16% Dairy Feed	Colchester: Einhorn's Grain Store	10.85	18.25	16.00	9.75	12.00	4.21	3.50
7712	Delaware Sweet 20% Dairy Feed	Winsted: Hawley Feed Mill	11.47	17.19	20.00	9.63	12.00	3.91	3.50
7367	Delaware Turkey Growing Mash	Glastonbury: Stanley Melzen	10.62	19.44	18.00	10.00	7.00	5.14	3.00
7863	Indiana Sweet 16% Dairy Feed	Winsted: Hawley Feed Mill	10.74	15.88	16.00	9.89	12.00	4.02	3.00
	Derby Feed Store, Derby, Conn.								
5399	Litsky's Laying Mash	Derby: Derby Feed Store	9.90	18.13	17.00	6.70	7.00	4.25	4.00
	Dietrich & Gambrell, Inc., Frederick, Md.								
7803	All Mash Layer	Shelton: Wolf's Feed Store	9.86	15.56	15.00	7.74	8.00	4.34	3.50
7806	All Purpose Mash	Quinebaug: M. T. Dart	9.52	18.25	15.00	8.76	8.00	4.70	3.50
7826	D & G Calf Meal	Danielson: Young Bros. Co.	10.27	19.38	21.00	5.15	4.50	4.32	4.00
7804	D & G Fleshing Mash (Or Pellets)	Shelton: Wolf's Feed Store	9.75	16.94	15.00	6.94	6.50	5.00	3.50
7824	D & G Growing and Fitting Ration	Danielson: Young Bros. Co.	11.42	16.44	13.00	6.19	10.00	3.27	3.50
7805	D & G Turkey Growing Mash	Shelton: Wolf's Feed Store	9.75	21.38	20.00	7.27	8.00	5.19	3.50
7820	Frederick Laying Mash	Danielson: Young Bros. Co.	9.93	19.06	18.00	8.24	9.00	4.20	3.50
7926	Gambrell's Chick Grains	Danielson: Young Bros. Co.	12.48	9.31	9.00	1.52	4.00	3.04	3.00
7925	Gambrell's Laying Mash	Danielson: Young Bros. Co.	9.69	20.88	20.00	7.87	8.00	5.45	3.50
7825	Pen Mar 16% Dairy Feed	Danielson: Young Bros. Co.	11.50	18.75	16.00	10.09	10.00	3.73	3.50
7818	Pen Mar 20% Dairy Feed	Dayville: Young Bros. Co.	10.30	20.25	20.00	8.47	10.00	4.29	3.50
7807	Pen Mar Stock Feed	Quinebaug: M. T. Dart	12.83	10.19	10.00	6.56	12.00	3.60	3.00
7819	Pig and Hog Meal	Dayville: Young Bros. Co.	10.10	20.06	18.00	8.07	8.00	4.80	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
7219	The Drackett Products Co., Cincinnati 32, Ohio Drackett Soybean Oil Meal.....	Middletown: Meech & Stoddard, Inc.....	10.71	46.88	44.00	5.25	7.00	1.30	0.50
5447	Eagle Roller Mill Co., New Ulm, Minn. Eagle Wheat Bran with Screenings..	Rockville: Farmers' Milling Co., Inc.	10.28	15.38	14.00	9.60	12.00	4.83	4.00
7291	Eastern States Farmers' Exchange, West Springfield, Mass. All Mash Developer (Mash and Pellets).....	No. Haven: Eastern States Farmers' Exchange.....	11.13	16.25	14.50	6.20	10.00	3.96	2.50
5247	All Mash Egg (Mash and Pellets)...	East Hartford: Eastern States Farmers' Exchange.....	10.84	15.31	14.50	5.30	6.50	3.28	2.50
7292	Breeder Concentrate Pellets.....	No. Haven: Eastern States Farmers' Exchange.....	9.53	18.50	20.00	6.30	8.00	4.69	3.50
7338	Calf Starter.....	Woodstock: Henry Joy.....	10.33	23.88	23.00	5.95	7.50	3.46	3.00
7293	Calving Ration.....	No. Haven: Eastern States Farmers' Exchange.....	13.39	11.13	10.00	15.95	18.00	2.30	1.50
5222	Developer (Mash and Pellets).....	East Hartford: Eastern States Farmers' Exchange.....	9.87	18.31	18.00	7.10	8.00	4.22	2.50

5405	Egg Mash (Mash and Pellets)	Bethel: Eastern States Farmers' Exchange	9.13	18.75	18.00	7.15	8.00	4.05	2.50
5223	Fitting Ration	East Hartford: Eastern States Farmers' Exchange	11.00	13.13	12.00	7.95	10.00	4.12	3.00
7370	Flushing Mash	East Hartford: Eastern States Farmers' Exchange	8.88	18.75	18.50	5.15	5.00	2.61	1.50
7979	Fulpail	Willimantic: Eastern States Farmers' Exchange	10.33	21.06	20.00	6.62	8.50	4.70	4.00
7337	Horse Feed	Woodstock: Henry Joy	12.79	12.50	10.50	9.85	12.00	4.04	3.00
7372	Pig Starter and Breeder	East Hartford: Eastern States Farmers' Exchange	10.72	17.94	18.00	7.55	9.00	4.41	2.00
7336	Pork Builder	Woodstock: Henry Joy	10.50	13.88	14.00	6.15	9.50	4.22	2.00
7371	Sheep and Goat Feed	East Hartford: Eastern States Farmers' Exchange	11.71	18.75	16.00	8.55	12.00	3.47	3.00
5466	Sixteen	Norwich: Eastern States Farmers' Exchange	10.43	17.56	16.00	7.30	10.00	4.66	3.50
5404	Starting and Broiler Ration (Mash and Pellets)	Bethel: Eastern States Farmers' Exchange	9.20	19.13	18.00	5.60	7.00	4.19	2.50
5406	Stock Feed	Bethel: Eastern States Farmers' Exchange	10.54	10.38	8.00	6.65	12.00	3.50	2.50
5468	Turkey Grower (Mash and Pellets)	Norwich: Eastern States Farmers' Exchange	9.50	18.56	18.00	6.40	7.50	4.00	2.00
5467	Turkey Start (Mash and Pellets)	Norwich: Eastern States Farmers' Exchange	9.05	26.88	25.00	5.30	7.00	4.28	2.00
B. A. Eckhart Milling Co., Chicago 7, Ill.									
7432	Ecko Pure Wheat Bran	Pawcatuck: The C. W. Campbell Co.	12.03	16.19	14.00	9.02	12.00	5.18	3.50
7311	Standard Wheat Middlings with Ground Recleaned Wheat Screenings	Rockville: Farmers' Milling Co., Inc.	10.79	16.13	15.00	7.75	9.50	4.65	4.00
Einhorn's Grain Store, Colchester, Conn.									
7477	International Ready Ration Feed	Colchester: Einhorn's Grain Store	10.09	16.69	16.00	11.65	12.00	3.69	3.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Elmore Milling Co., Inc., Oneonta, N. Y.								
7475	Elmore Calf Grain Ration	Colchester: P. Cutler, Inc.	10.85	13.44	13.00	7.50	10.00	5.15	4.00
8027	Elmore Chick Feed	Jewett City: Rayolyn Feed Store	13.12	12.31	10.00	1.47	3.50	3.37	2.50
5351	Elmore Chixsaver	Oakville: C. A. Stone Feed and Coal Co.	10.03	21.88	20.00	6.95	7.00	4.56	4.00
8026	Elmore Complete Broiler Ration	Jewett City: Rayolyn Feed Store	9.55	19.38	18.00	9.34	7.00	4.17	3.50
5375	Elmore Complete Growing Ration	Milford: Beach Grain Co.	10.98	15.06	15.00	7.05	8.00	4.18	3.50
5271	Elmore Complete Market Egg Mash	Naugatuck: Valley Grain & Supply Co.	10.37	16.50	15.00	7.50	8.00	4.09	3.50
5374	Elmore Egg Mash	Milford: Beach Grain Co.	9.87	19.88	20.00	8.80	8.00	3.98	3.50
7734	Elmore Fitting Ration	Cornwall Bridge: R. W. Sandmeyer	11.25	18.13	14.00	9.07	10.00	4.20	4.00
7476	Elmore Fleshing Pellets	Colchester: P. Cutler, Inc.	9.44	16.88	15.00	8.15	8.00	4.77	3.50
5212	Elmore Goat Ration	Hamden: Peter Del Vecchio	11.29	16.00	16.00	7.46	10.00	4.38	4.00
7733	Elmore Growing Mash	Cornwall Bridge: R. W. Sandmeyer	9.64	18.13	18.00	8.27	8.00	5.68	3.50
7735	Elmore Hog Ration	Cornwall Bridge: R. W. Sandmeyer	10.39	17.56	15.00	8.20	8.00	4.52	4.00
7380	Elmore Horse Feed with Molasses	Hazardville: E. B. Buck	12.85	12.13	9.00	9.00	11.00	4.14	2.50
7851	Elmore Improved Calf Starter	Oakville: C. A. Stone Feed and Coal Co.	10.58	20.00	20.00	5.65	8.00	4.00	4.00
7379	Elmore M. A. C. Laying Mash	Hazardville: E. B. Buck	10.03	18.56	16.00	7.80	8.00	4.61	3.50
5290	Elmore Milk Grains "Sixteen"	Wallingford: Delaney's Feed Store	10.42	19.50	16.00	7.32	10.00	4.35	4.00
7852	Elmore Rabbit Ration	Oakville: C. A. Stone Feed and Coal Co.	10.56	15.63	14.00	10.12	10.00	4.11	3.50

8033	Elmore Turkey Finisher (Fattener) . . .	Plainville: Eaton's Mill	9.62	18.00	17.00	10.14	8.00	4.64	4.00
8032	Elmore Turkey Fitting Ration	Plainville: Eaton's Mill	12.72	11.88	12.00	7.22	10.00	2.83	3.00
7082	Elmore Turkey Growing	Plainville: Eaton's Mill	9.83	22.25	20.00	8.40	8.00	4.01	4.00
7083	Elmore Turkey Starting Mash	Plainville: Eaton's Mill	10.10	28.13	24.00	6.35	7.00	4.43	4.00
John W. Eshelman & Sons, Lancaster, Pa.									
5429	Eshelman Pennsy 16 Dairy Feed	So. Norwalk: The Roodner Feed Co.	9.60	17.19	16.00	11.25	11.00	4.19	3.00
7746	Eshelman Red Rose Broiler Ration with A & D Oil	Cos Cob: Belmont Feed Co.	10.29	17.19	16.50	9.85	7.50	4.52	3.75
7953	Eshelman Red Rose Calf Starter	Stratford: Highland Grain & Feed Co.	11.56	20.88	22.00	4.29	5.00	4.30	4.00
7748	Eshelman Red Rose Chick Grains	Cos Cob: Belmont Feed Co.	11.27	12.19	10.00	2.03	3.00	3.92	2.50
7484	Eshelman Red Rose Complete Calf Grower	Norwich: The A. E. Shedd Co.	9.83	16.69	14.00	10.23	8.00	4.38	3.25
7745	Eshelman Red Rose Complete Lay- ing Mash	New Haven: Thomas F. Moran & Son	10.52	16.44	15.00	5.69	6.00	4.37	4.00
7814	Eshelman Red Rose Complete Rabbit Pellet	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	9.62	15.00	14.00	10.33	16.00	4.01	2.50
7544	Eshelman Red Rose 16 Dairy Feed	Simsbury: Ye Olde Grist Mill	5.92	18.94	16.00	11.45	11.00	3.87	4.00
5289	Eshelman Red Rose 18 Dairy Feed	Meriden: Meriden Grain & Coal Co.	9.28	20.44	18.00	7.30	9.00	4.92	4.00
7545	Eshelman Red Rose Fitting Ration	Simsbury: Ye Olde Grist Mill	11.35	14.06	12.00	9.10	7.00	3.68	4.00
7966	Eshelman Red Rose Flushing and Conditioning Mash	So. Coventry: E. W. Latimer	10.92	16.69	15.00	6.47	6.50	2.16	2.50
7361	Eshelman Red Rose Growing Mash with A & D Oil	Southbury: H. H. Stone & Sons	9.92	17.25	16.00	11.05	7.50	4.50	3.50
7736	Eshelman Red Rose 85 Horse Feed	Wallingford: A. E. Hall	11.23	10.44	9.00	9.60	10.00	3.99	3.00
7744	Eshelman Red Rose Intermediate Chick Grains	New Haven: Thomas F. Moran & Son	12.30	10.44	9.00	2.39	3.00	3.06	2.50
5211	Eshelman Red Rose Lay Mash with A & D Oil	New Haven: Moran & Patton	10.46	19.13	18.00	7.46	7.50	4.26	3.50
5341	Eshelman Red Rose Pig and Hog Meal	Mansfield Depot: Mansfield State Hospital	10.14	18.13	18.00	7.35	10.00	3.78	3.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	John W. Eshelman & Sons—Cont. Lancaster, Pa.								
7114	Eshelman Red Rose Rabbit Feed Pelleted.....	Torrington: Litchfield County Co- Op. Assoc., Inc.....	9.55	14.63	14.00	10.65	9.50	4.46	3.50
7758	Eshelman Red Rose Scratch Grains..	Newtown: Newtown Coal & Grain Co.....	12.75	10.06	9.00	3.74	4.00	2.67	2.00
5510	Eshelman Red Rose Starter and Grower (with A and D Oil).....	Southbury: H. H. Stone & Sons....	9.45	17.00	16.00	7.26	7.00	4.40	3.50
7749	Eshelman Red Rose Steer Feed.....	Cos Cob: Belmont Feed Co.....	10.40	19.81	18.00	13.02	15.00	3.52	2.50
7639	Eshelman Red Rose Turkey Grower (with A and D Oil).....	Thompsonville: The Geo. S. Phelps Co.....	9.25	20.81	20.00	7.55	8.50	3.98	3.50
7638	Eshelman Red Rose Turkey Starter (with A and D Oil).....	Thompsonville: The Geo. S. Phelps Co.....	10.16	23.88	24.00	8.01	6.50	4.24	3.50
7743	Eshelman S-O-S.....	New Haven: Thomas F. Moran & Son.....	10.61	15.63	11.00	15.72	15.00	2.90	2.00
	Farmers Feed Co., New York, N. Y.								
5511	"Bull Brand" Dried Brewers Grains..	Southbury: H. H. Stone & Sons...	5.23	32.44	26.00	9.70	17.00	6.35	6.00

Farmers Milling Co., Inc., Rockville, Conn.									
5444	"Honest Value" 16% Dairy Ration...	Rockville: Farmers' Milling Co., Inc.....	9.53	16.25	16.00	10.00	10.50	3.48	3.80
5442	"Honest Value" Growing Mash.....	Rockville: Farmers' Milling Co., Inc.....	9.13	17.69	16.00	8.10	8.10	3.65	3.80
5445	"Honest Value" Laying Mash.....	Rockville: Farmers' Milling Co., Inc.....	10.08	18.75	16.00	9.05	8.20	3.76	3.90
5441	"Honest Value" Starting Mash.....	Rockville: Farmers' Milling Co., Inc.....	10.00	19.75	16.00	8.75	8.00	3.35	3.70
Finger Lakes and Hudson Flour Mill, Inc., Geneva, N. Y.									
7637	Kangaroo Standard Wheat Bran....	Thompsonville: The Geo. S. Phelps Co.....	11.81	15.50	15.00	8.95	12.00	5.02	4.00
First National Stores, Inc., Somerville, Mass.									
5412	Henfield Egg Mash.....	Bethel: First National Stores, Inc.,	9.31	19.38	18.00	8.20	7.00	4.56	3.50
Flambeau Milling Co., Phillips, Wis.									
5419	Flambo 16% Dairy Feed.....	Danbury: Frenchies Coal and Grain Co.....	10.70	17.50	16.00	10.75	12.00	5.04	3.50
7753	Flambo 18% Egg Mash.....	Noroton: The Davis Grain Co.....	10.75	18.06	18.00	5.74	7.00	4.11	4.00
7688	Pulverized Oats.....	Middletown: Meech & Stoddard, Inc.....	9.59	11.38	11.00	9.50	12.00	4.22	3.50
Flory Milling Co., Inc., Bangor, Pa.									
7952	Floco (Blue Mountain) Horse Feed..	Saugatuck: L. H. Gault & Son, Inc.	10.94	8.75	7.00	13.47	11.00	2.27	2.00
5285	Floco Broiler Mash.....	Cheshire: Center Grain Co.....	10.11	17.63	16.00	5.70	7.00	4.05	3.50
7088	Floco Bulky Feed.....	Saugatuck: L. H. Gault & Son, Inc.	10.70	12.94	11.00	12.85	15.00	3.40	3.00
7238	Floco 16% Dairy Feed.....	Stamford: C. M. Jones.....	12.05	17.31	16.00	11.80	11.00	3.28	3.00
5286	Floco Laying Mash.....	Cheshire: Center Grain Co.....	10.68	16.50	17.00	5.63	7.00	3.55	3.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
Flory Milling Co., Inc.,—Cont. Bangor, Pa.									
5422	Floco Poultry All Age Mash	Norwalk: Winnipauk Grain Co. . . .	9.68	18.06	17.00	5.20	7.50	3.72	3.50
7885	Floco (Sugared) Stock Feed	Norwalk: Independent Feed Store .	10.88	11.56	10.00	9.77	11.00	3.83	2.50
7884	Flory All Mash Layer	Norwalk: Independent Feed Store .	10.37	17.31	15.50	6.04	7.50	3.85	3.50
7096	Flory Broiler Mash	Ansonia: Ansonia Feed Co.	10.37	20.38	20.00	5.20	7.00	4.09	4.00
5470	Flory 16% Dairy Feed	Westville: Westville Grain Co. . . .	11.10	18.75	16.00	8.85	10.00	4.03	3.00
7264	Flory 12% Dry and Freshening Feed .	Danbury: H. E. Meeker	11.44	14.50	12.00	9.50	10.50	3.67	3.00
7095	Flory Fattener and Flesher Mash . . .	Ansonia: Ansonia Feed Co.	10.49	14.88	14.00	5.75	7.00	3.84	3.50
5352	Flory Free Range Growing Mash . . .	Oakville: C. A. Stone Feed & Coal Co.	10.04	17.69	16.00	6.30	7.50	3.83	3.00
7937	Flory 18% Growing Mash	Saugatuck: L. H. Gault & Son, Inc. .	9.67	18.25	18.00	6.44	7.50	4.04	4.00
5421	Flory Hog Feed	Norwalk: Winnipauk Grain Co. . . .	8.93	18.38	16.00	9.75	9.00	4.99	3.50
7883	Flory Laying Mash	Norwalk: Libner Grain Co., Inc. . . .	10.61	19.88	19.00	5.19	7.50	3.74	3.50
7265	Flory Rabbit Pellets	Danbury: H. E. Meeker	10.12	16.75	15.00	8.00	9.00	3.77	2.50
7237	Flory Scratch Feed	Stamford: C. M. Jones	14.14	9.50	10.00	2.10	5.00	3.12	2.00
7938	Flory Starter Mash	Saugatuck: L. H. Gault & Son, Inc. .	10.41	20.69	18.00	6.19	7.50	3.92	4.00
7939	Flory Turkey Grower	Saugatuck: L. H. Gault & Son, Inc. .	10.15	21.63	20.00	7.75	7.50	3.52	3.00
The Fox Co., Newfield, N. J.									
5475	Foxco Flavitein	Seymour: Seymour Grain & Coal Co.	8.78	36.00	35.00	1.35	1.50	7.22	2.00

J. B. Garland & Son, Inc., Worcester 15, Mass.									
7328	Garland 16% Dairy Ration.....	No. Grosvenordale: Thompson Grain Co.....	9.50	17.81	16.00	10.70	9.00	4.35	3.00
7331	Garland Growing Mash.....	No. Grosvenordale: Thompson Grain Co.....	10.30	16.25	14.00	6.95	7.00	4.52	3.00
7811	Garland Fitting Ration.....	No. Grosvenordale: Thompson Grain Co.....	9.20	12.50	12.00	7.26	7.00	4.62	3.00
7812	Garland Horse Feed.....	No. Grosvenordale: Thompson Grain Co.....	11.72	11.31	10.00	7.94	9.00	3.44	3.00
7330	Garland Laying Mash.....	No. Grosvenordale: Thompson Grain Co.....	9.83	18.81	18.00	8.10	7.00	4.45	3.00
7329	Garland Pig and Hog Ration.....	No. Grosvenordale: Thompson Grain Co.....	9.60	17.19	17.00	7.50	8.00	4.80	3.50
The J. I. Gates Milling Co., Columbus, Ohio									
5417	B. Special Horse Feed.....	Danbury: Frenchies Coal & Grain Co.....	11.50	9.75	10.00	6.40	5.50	3.62	4.80
Gateway Milling Assoc., Inc., Buffalo 13, N. Y.									
7683	Gateway Growing Pig Feed.....	Cromwell: F. I. Nordgren.....	9.64	15.63	13.00	11.12	6.00	4.87	3.00
7521	Gateway Special Laying Mash.....	Oneco: F. C. Whitford.....	9.99	17.81	16.00	8.70	7.00	4.97	3.50
7520	Gateway Turkey Growing Mash.....	Oneco: F. C. Whitford.....	10.69	18.94	18.00	7.15	7.00	4.53	3.50
General Mills, Inc., Minneapolis, Minn.									
7455	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings.....	Bristol: Bristol Grain & Supply Co.	10.64	14.00	14.00	11.30	12.00	4.69	3.50
7756	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.....	So. Norwalk: The Roodner Feed Co.....	11.87	16.13	15.00	7.22	9.50	4.21	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	General Mills, Inc., Larrowe Div., Detroit, Mich.								
5380	Dried Beet Pulp.....	Long Hill: Long Hill Feed Store...	10.98	10.19	7.00	19.40	22.50	0.86	0.30
5427	Lar. o 18% Broiler Feed.....	So. Norwalk: The Roodner Feed Co.....	9.90	19.13	18.00	7.90	7.00	4.40	3.00
7452	Larro Calf Builder.....	Plantsville: C. A. Cowles, Inc.....	9.64	25.88	24.00	4.60	6.50	4.96	3.50
5299	Larro Chick Builder.....	Branford: S. V. Osborn Est.....	9.64	21.00	19.00	6.25	7.00	4.63	3.00
5298	Larro 16% Dairy Feed.....	Branford: S. V. Osborn Est.....	9.43	18.75	16.00	7.70	12.00	4.33	3.00
5428	Larro 18% Dairy Feed.....	So. Norwalk: The Roodner Feed Co.....	9.25	21.19	18.00	8.53	12.00	3.15	3.00
7084	Larro 18% Egg Mash.....	Meriden: Reliable Grain & Feed Co.	10.69	18.75	18.00	8.70	8.00	3.82	3.00
7669	Larro Scratch Grains.....	Washington Depot: Washington Supply Co., Inc.....	12.83	10.38	9.50	2.40	4.00	2.20	2.00
7522	Larro Sow and Pig Builder.....	Oneco: F. C. Whitford.....	10.61	17.50	17.50	6.35	8.00	3.85	3.50
7424	Larro 19% Turkey Finisher.....	Mystic: The C. W. Campbell Co...	10.70	21.00	19.00	7.85	7.50	5.15	3.00
	The Glidden Co., Feed Mill Div., Indianapolis 6, Ind.								
7488	Glidden Breeder Mash.....	Plainfield: Laakso and Laakso.....	10.04	23.00	20.00	7.70	7.50	4.30	3.00
5385	Glidden Broiler Ration.....	Windsor: Farmers Grain and Hardware Co.....	10.94	21.88	20.00	6.60	7.00	4.26	3.00
7614	Glidden 26% Calf Starter.....	Windsor: Farmers Grain & Hardware Co.....	10.40	27.31	26.00	6.45	7.00	3.87	3.00

5394	Glidden 20% Dairy Feed.....	Windsor: Farmers Grain & Hardware Co.....	9.68	24.69	20.00	7.47	9.00	4.12	3.00
5392	Glidden Flushing Mash.....	Windsor: Farmers Grain & Hardware Co.....	9.38	18.56	16.00	3.77	7.00	3.06	2.00
7487	Glidden Laying Mash.....	Plainfield: Laakso & Laakso.....	9.59	22.06	20.00	7.05	7.50	4.18	3.00
7613	Glidden 18% Pig Meal.....	Windsor: Farmers Grain & Hardware Co.....	10.96	19.44	18.00	6.25	7.00	4.17	3.00
5393	Glidden Starter and Grower.....	Windsor: Farmers Grain & Hardware Co.....	9.24	18.75	17.00	5.45	7.00	3.94	3.00
5391	Glidden Turkey Starter.....	Windsor: Farmers Grain & Hardware Co.....	9.18	28.13	25.00	6.12	7.00	4.08	3.00
The Glidden Co., Soya Products Div., Chicago 39, Ill.									
8020	Glidden Diamond G Brand 41% Protein Soybean Oil Meal.....	Norwich: The Yantic Grain & Products Co.....	9.45	46.19	41.00	5.64	7.00	5.12	4.00
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.									
7227	Gorton's A1-Fish Blend, Junior.....	No. Westchester: Westchester Grain & Fuel Co.....	8.07	40.13	40.00	7.75	7.00	7.09	6.00
7232	Gorton's A1-Fish Blend, Senior.....	Colchester: L. Broder & Co.....	8.22	39.63	40.00	7.95	7.00	8.55	7.50
D. H. Grandin Milling Co., Jamestown, N. Y.									
7523	Grandin's Breeder Mash.....	Oneco: F. C. Whitford.....	9.47	19.56	20.00	8.10	8.00	4.11	3.00
7519	Grandin's 14 Fitting Ration.....	Oneco: F. C. Whitford.....	10.36	14.88	14.00	7.45	10.00	4.78	3.50
5287	Grandin's Laying Mash.....	Meriden: Meriden Grain & Coal Co.....	8.85	19.00	18.00	7.00	8.00	4.16	3.00
5288	Grandin's 16 Milk Maker.....	Meriden: Meriden Grain & Coal Co.....	9.30	18.75	16.00	7.92	10.00	5.41	3.50
7707	Grandin's Rabbit Pellets.....	Warrenville: Ashford Co-Op. Assoc.....	10.57	19.25	17.00	9.02	10.00	4.49	3.00
7262	Grandin's Start-To-Finish Mash.....	Danbury: H. E. Meeker.....	10.54	17.38	16.00	8.35	8.00	3.36	3.00
7705	Grandin's Stock Feed.....	Warrenville: Ashford Co-Op. Assoc.....	10.89	11.56	9.00	6.54	12.00	4.31	4.00
Granger Feed Mill, Granger, Ind.									
7611	Granger Grower.....	Windsor: Farmers Grain & Hardware Co.....	9.97	17.81	16.00	6.85	7.00	3.52	3.50
7526	Granger Laying Mash.....	Windsor Locks: Windsor Locks Grain Co.....	9.55	19.44	18.00	7.00	7.00	4.06	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
5411	The Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Dailey Egg Laying Mash.....	Bethel: The Great Atlantic & Pacific Tea Co.....	9.10	19.25	20.00	5.35	7.50	4.05	3.00
7935	Greenport Feed Corp., Astoria 2, N. Y. Greenport Dairy Feed.....	Southport: C. Buckingham Co., Inc.....	9.01	16.81	18.00	13.67	11.00	5.65	4.50
7790	Hales & Hunter Co., Chicago 4, Ill. College Horse Feed.....	Manchester: Little & McKinney, Inc.....	11.08	11.81	9.00	7.59	10.00	4.47	2.50
7420	Havana Pellets.....	New London: New London Grain Co.....	9.53	20.13	17.50	7.35	6.00	4.52	3.00
7332	Pioneer Calf Starter.....	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.....	10.49	18.94	18.00	7.80	10.00	4.16	2.50
7813	Pioneer 14 Dairy.....	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.....	11.29	17.81	14.00	6.93	9.00	3.86	3.00
7334	Pioneer 18 Dairy.....	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.....	10.15	23.56	18.00	6.30	9.00	3.71	3.00
7751	Pioneer Dairy Bull.....	Cos Cob: Belmont Feed Co.....	11.28	14.19	12.00	7.32	12.00	4.08	3.00

7335	Pioneer Dry and Freshening	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.04	15.81	12.00	7.80	10.00	2.83	2.50
7750	Pioneer Pelleted Flaked 14 Dairy	Cos Cob: Belmont Feed Co.	10.45	17.56	14.00	7.60	9.00	3.94	3.00
7417	Red Comb All Mash Layer	New London: New London Grain Co.	9.33	17.88	16.00	7.65	6.00	4.15	3.00
7300	Red Comb Breeder Mash	Manchester: Little & McKinney, Inc.	9.98	21.06	18.00	8.00	7.00	4.19	3.00
7788	Red Comb Broiler Mash	Manchester: Little & McKinney, Inc.	9.75	20.06	18.00	6.82	7.00	4.16	3.00
7789	Red Comb Egg Mash	Manchester: Little & McKinney, Inc.	9.25	21.69	20.00	6.47	7.00	4.05	3.00
7297	Red Comb Growing Mash	Manchester: Little & McKinney, Inc.	10.61	17.81	16.00	8.55	7.00	4.45	3.00
7787	Red Comb Turkey Grower (Pellet Form)	Manchester: Little & McKinney, Inc.	8.99	22.69	21.00	6.59	7.00	4.05	3.00
7786	Victoria Rabbit Feed	Manchester: Little & McKinney, Inc.	10.23	15.25	12.00	11.87	15.00	3.68	2.00
A. E. Hall, Wallingford, Conn.									
5294	Hall's Chick Starter	Wallingford: A. E. Hall	10.20	17.13	18.00	4.45	6.00	6.51	4.00
5293	Hall's Growing Mash	Wallingford: A. E. Hall	10.22	16.63	16.00	5.60	7.00	4.15	4.00
5292	Hall's Laying Mash	Wallingford: A. E. Hall	11.03	15.69	18.00	6.75	7.00	4.11	4.00
Harper Feed Mills, Inc., Washington, Pa.									
7416	Harco 18% Broiler Mash	New London: New London Grain Co.	10.41	16.63	18.00	8.85	7.00	3.94	3.00
7419	Harco Complete Laying Ration	New London: New London Grain Co.	9.75	15.75	15.00	9.75	7.50	4.30	3.00
7555	Harco Dairy Fitting Ration	No. Franklin: The Berkman Grain & Coal Co.	10.31	15.63	13.00	9.75	8.00	3.78	3.50
7554	Harco 18% Dairy Ration	No. Franklin: The Berkman Grain & Coal Co.	10.10	19.38	18.00	11.90	12.00	3.59	3.00
7333	Harco Pig and Hog Meal	Putnam: Putnam Farmers' Co-Op. Assoc., Inc.	10.01	15.63	14.00	10.60	7.00	3.62	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	The Henkel Flour Mills, Div. of International Mfg. Co., Detroit 26, Mich.								
5462	Blackhawk Wheat Bran with Ground Wheat Screenings	Norwich: The A. E. Shedd Co.	10.10	18.75	15.00	7.75	12.00	5.25	2.50
8114	Blackhawk Wheat Red Dog	Bridgeport: Standard Feed Co.	11.45	16.38	16.00	3.12	4.00	4.07	2.00
7829	Blackhawk Wheat Standard Middlings with Ground Wheat Screenings	West Cheshire: The Cheshire Grain & Coal Co.	11.95	18.13	16.00	6.54	9.00	4.83	3.00
	Highland Grain & Feed Co., Stratford, Conn.								
7954	Highland 20 Dairy Feed	Stratford: Highland Grain & Feed Co.	9.68	18.81	20.00	12.22	9.00	3.72	4.50
	The Hubinger Co., Keokuk, Iowa								
7433	Ke OK uk Corn Gluten Feed	Pawcatuck: The C. W. Campbell Co.	9.00	20.44	23.00	5.55	8.50	3.13	2.00
8021	Ke OK uk Corn Gluten Feed	Norwich: The Yantic Grain & Products Co.	9.41	23.38	23.00	5.09	8.50	2.05	2.00

	Illinois Cereal Mills, Inc., Paris, Ill.									
7453	"Paris" Hominy Feed	Plantsville: C. A. Cowles, Inc.	10.58	10.69	10.00	5.05	5.00	6.80	6.00	
	Independent Feed Store, Norwalk, Conn.									
7888	Wheat Bran	Norwalk: Independent Feed Store .	11.44	16.13	13.00	8.35	12.00	5.01	3.00	
	Interstate Farmers' Co-Op. Exchange, Inc., Moosup, Conn.									
5518	Interstate Laying Mash	Moosup: Interstate Farmers' Co- Op. Exchange, Inc.	9.71	19.44	17.00	6.40	8.50	4.96	3.70	
5519	Interstate Starter and Grower	Moosup: Interstate Farmers' Co- Op. Exchange, Inc.	8.58	20.56	17.00	6.70	8.50	4.84	3.70	
	Kasco Mills, Inc., Waverly, N. Y.									
7983	Kasco All Mash Grower	Amston: Amston Grain Mill	9.43	18.88	15.00	8.63	7.00	4.61	3.00	
7608	Kasco All Mash Laying and Breeding Ration	Amston: Amston Grain Mill	9.32	17.38	15.00	8.83	6.50	4.45	3.00	
7606	Kasco Body Builder	Amston: Amston Grain Mill	9.67	17.88	15.00	9.17	7.00	4.66	3.00	
7486	Kasco Broiler-Starter Ration	Norwich: Norwich Grain Co.	10.29	19.00	18.00	8.50	7.50	4.35	3.00	
5318	Kasco Complete Rabbit Ration	Portland: Valley Mills	11.13	13.94	12.00	9.30	15.00	3.68	2.00	
7982	Kasco 18% Dairy Ration	Amston: Amston Grain Mill	9.33	17.50	18.00	8.04	10.00	4.61	3.50	
7603	Kasco Horse Feed	Amston: Amston Grain Mill	12.05	11.94	10.00	7.30	12.00	2.76	2.50	
5317	Kasco Pig Hog Feed	Portland: Valley Mills	8.97	20.38	20.00	7.20	8.00	5.35	4.00	
8022	Kasco Record Ration	Baltic: Western Grain Co.	9.87	17.88	16.00	9.01	10.00	4.29	3.50	
7607	Kasco Sweet 16% Dairy Feed	Amston: Amston Grain Mill	9.36	18.75	16.00	10.65	12.00	5.08	3.50	
	Kellogg Co., Battle Creek, Mich.									
5278	Kellogg's Hominy Feed	Southbury: C. L. Adams Co.	9.87	10.25	10.00	3.10	5.00	5.71	6.00	
7731	Kellogg's Vi-Min-Ho Cattle Mix	Canaan: Community Service, Inc. .	9.05	10.13	10.00	3.96	5.00	6.35	5.50	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
7221	Spencer Kellogg & Sons, Inc., Buffalo 5, N. Y. Spencer Kellogg's Old Process Linseed Oil Meal	Middletown: Meech & Stoddard, Inc.	10.41	35.13	34.00	7.30	9.00	3.51	3.50
5454	Spencer Kellogg's 41% Protein Soybean Oil Meal	Norwich: The Yantic Grain & Products Co.	8.98	45.13	41.00	6.00	7.00	4.38	3.50
8003	Chas. A. Krause Milling Co., Milwaukee, Wis. Badger Hominy Feed	Bridgeport: The Brooklawn Grain & Feed Co.	11.46	11.38	10.00	4.58	6.00	5.34	5.00
7874	The Larabee Flour Mills Co., Kansas City, Mo. Sunfed Winter Wheat Bran with Ground Wheat Screenings	Stamford: Clapboard Hill Feed Co., Inc.	10.29	14.50	15.00	10.77	11.00	4.53	3.50
7547	E. W. Latimer, So. Coventry, Conn. College 18% Dairy	So. Coventry: E. W. Latimer	10.04	17.44	18.00	8.75	8.00	4.34	4.00
7548	College Laying Mash	So. Coventry: E. W. Latimer	9.38	18.63	17.50	9.20	8.00	4.16	4.50
5343	College Starter and Broiler	Willimantic: Checkerboard Feed Store	9.16	18.94	16.50	6.75	6.50	4.21	3.50

	Lauhoff Grain Co., Danville, Ill.								
7435	Vermilion Hominy	Torrington: F. L. Wadhams & Sons, Inc.....	11.29	10.75	9.00	5.30	6.00	6.97	6.00
	P. Levson & Sons, Middletown, Conn.								
5322	Victor Laying Mash	Middletown: P. Levson & Sons ...	10.05	18.13	18.00	7.40	8.00	5.16	4.50
	Libner Grain Co., Inc., Norwalk, Conn.								
7235	Blue Ribbon Turkey Starter and Grower	Stamford: Stamford Grain Co.....	9.85	17.50	24.00	6.40	5.00	4.34	4.50
7877	Blue Ribbon Turkey Starter and Grower	Norwalk: Libner Grain Co., Inc....	10.30	16.38	24.00	4.90	5.00	4.50	4.50
7757	17% Dehydrated Alfalfa Meal	Norwalk: Libner Grain Co., Inc....	7.15	21.06	17.00	21.47	30.00	2.82	1.75
7236	Libner's Blue Ribbon Fitting Ration.	Stamford: Stamford Grain Co.....	12.17	16.31	12.00	7.65	9.00	4.44	4.00
5434	Libner's Blue Ribbon Growing Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc....	10.57	20.50	18.00	6.35	6.00	5.54	4.00
7882	Libner's Blue Ribbon Growing Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc....	10.24	20.00	18.00	5.80	6.00	4.47	4.00
7234	Libner's Blue Ribbon Hog Ration with Cod Liver Oil	Greenwich: Greenwich Grain Co...	9.79	17.00	20.00	7.05	6.50	4.29	3.00
7876	Libner's Blue Ribbon Hog Ration with Cod Liver Oil	New Canaan: New Canaan Grain Co.....	9.78	17.38	20.00	5.52	6.50	4.69	3.00
5436	Libner's Blue Ribbon Horse and Calf Ration	Norwalk: Libner Grain Co., Inc....	13.20	13.75	10.50	6.50	7.00	4.22	3.50
5435	Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil	Norwalk: Libner Grain Co., Inc....	10.20	21.38	20.00	5.48	6.50	5.50	3.00
5433	Libner's Blue Ribbon Starter and Broiler Ration with Cod Liver Oil..	Norwalk: Libner Grain Co., Inc....	9.88	20.56	18.00	5.40	6.00	5.23	4.00
7233	20% Milkflow Dairy Ration	Greenwich: Greenwich Grain Co...	10.68	14.25	20.00	7.65	9.00	4.08	4.00
7878	20% Milkflow Dairy Ration	Norwalk: Libner Grain Co., Inc....	11.19	15.50	20.00	5.54	9.00	4.28	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	C. W. Lines Co., New Britain, Conn.								
7210	Mill Pride Dairy Ration	New Britain: C. W. Lines Co.....	11.47	17.06	18.00	7.00	10.00	3.69	4.00
7209	Mill Pride Mash	New Britain: C. W. Lines Co.....	11.81	14.56	16.00	8.25	7.50	3.92	3.50
7212	Mill Pride Scratch Feed	New Britain: C. W. Lines Co.....	12.76	11.31	9.00	2.65	5.00	2.18	2.50
	Long Hill Feed Store, Long Hill, Conn.								
5377	Square Deal Buttermilk Laying Mash	Long Hill: Long Hill Feed Store...	12.31	20.88	20.00	5.85	7.00	4.99	5.00
5378	Square Deal Dairy Ration	Long Hill: Long Hill Feed Store...	11.55	17.75	18.00	6.20	10.00	4.66	4.50
	E. Manchester & Sons, Winsted, Conn.								
7441	Red Star Egg Mash	Winsted: E. Manchester & Sons...	10.04	15.56	16.00	8.05	6.00	5.18	4.00
7442	Red Star Pig Feed	Winsted: E. Manchester & Sons...	10.32	15.06	14.00	7.95	8.00	5.38	4.00
7384	Special Dairy Feed	Canton: Canton Creamery Associa- tion.....	9.95	18.00	18.00	9.60	10.00	4.91	4.00
	Maritime Milling Co., Inc., Buffalo, N. Y.								
7844	BB 18% Broiler Ration	Plainville: Eaton's Mill.....	11.97	19.56	18.00	6.37	8.00	3.28	3.50
7962	BB Calf Starter Ration	Eastford: Wm. S. Warren & Sons..	10.83	20.00	18.50	8.77	9.00	4.03	3.00
7963	BB Complete Chick Starter	Eastford: Wm. S. Warren & Sons..	10.03	17.56	20.00	8.09	8.00	4.62	3.50

5397	BB Complete Laying Ration.....	Windsor Locks: Windsor Locks Grain Co.....	10.28	18.75	17.00	8.40	7.00	4.05	3.50
5320			10.63	17.88	20.00	8.12	9.00	3.74	3.50
7845	BB Egg Mash.....	Portland: John Ahlberg Store.....	11.53	16.25	16.00	7.94	9.00	3.87	3.00
7263	BB Growing Mash.....	Plainville: Eaton's Mill.....	11.85	12.75	9.00	8.60	10.00	3.64	2.00
7846	BB Horse Feed.....	Danbury: H. E. Meeker.....	12.55	17.19	11.00	8.24	10.00	3.14	3.00
7843	BB Turkey Fitting Ration.....	Plainville: Eaton's Mill.....	12.61	17.38	16.00	6.34	9.00	3.10	3.50
7961	BB Turkey Growing Mash.....	Plainville: Eaton's Mill.....	9.28	18.75	17.00	8.22	9.00	4.33	3.50
5398	Daisy Growing Mash.....	Eastford: Wm. S. Warren & Sons..							
	Dollar Maker Egg Mash.....	Windsor Locks: Windsor Locks Grain Co.....	10.23	19.00	19.00	8.45	8.00	4.00	3.50
5319			10.36	14.31	14.00	6.85	8.50	4.10	3.50
7524	Hi-Test Hog Feed.....	Portland: John Ahlberg Store.....							
	Marmico 16% Protein Dairy Feed with Molasses.....	Windsor Locks: Windsor Locks Grain Co.....	10.94	16.56	16.00	9.10	12.00	4.18	3.00
7101	Sweetened BB Bull Brand "16" Dairy	Bantam: Washington Supply Co., Inc.....	10.59	16.88	16.00	7.85	9.00	4.92	3.50
	C. J. Martenis Grain Co., New York 4, N. Y.								
7835	Alco Dried Brewer Grains.....	Plantsville: C. A. Cowles, Inc.....	6.20	35.63	24.00	11.14	20.00	7.16	6.00
	Meech & Stoddard, Inc., Middletown, Conn.								
7113	Red Wing 16% Dairy Ration.....	Torrington: Litchfield County Co-Op. Assoc., Inc.....	12.54	18.38	16.00	10.35	10.00	4.11	3.50
7434	Red Wing Fitting Ration.....	Torrington: Litchfield County Co-Op. Assoc., Inc.....	9.97	13.81	14.00	10.90	7.50	3.34	3.30
7112	Red Wing Growing Mash.....	Torrington: Litchfield County Co-Op. Assoc., Inc.....	10.83	17.00	15.00	7.75	7.50	4.39	3.20
7223	Red Wing Horse Feed.....	Middletown: Meech & Stoddard, Inc.....	12.72	10.13	9.00	7.60	8.00	3.28	3.00
5449	Red Wing Laying Mash.....	Rockville: Emil Marti.....	10.23	17.63	15.00	6.75	7.50	3.88	3.20
7462	Red Wing Pig and Hog Feed.....	Middletown: Meech & Stoddard, Inc.....	10.50	14.94	14.00	8.25	7.50	4.28	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Meech & Stoddard, Inc.,—Cont. Middletown, Conn.								
7686	Red Wing Starting Mash.....	Middletown: Meech & Stoddard, Inc.....	9.62	16.00	16.00	8.54	5.20	4.89	3.20
7463	Red Wing Stock Feed.....	Middletown: Meech & Stoddard, Inc.....	10.24	16.19	10.00	12.75	11.00	3.66	2.50
7224	Special Balance Broiler Mash.....	Middletown: Meech & Stoddard, Inc.....	9.70	15.75	16.00	10.55	8.00	2.53	3.50
7687	Special Balance Growing Mash.....	Middletown: Meech & Stoddard, Inc.....	10.34	15.13	15.00	7.75	8.00	4.43	3.50
7461	Special Balance Laying Mash.....	Middletown: Meech & Stoddard, Inc.....	9.99	15.44	18.00	7.55	8.00	4.65	3.50
7971	Special Balance Laying Mash.....	Middletown: Meech & Stoddard, Inc.....	9.25	16.38	16.00	9.13	8.00	4.03	3.50
7222	Special Balance Starting Mash.....	Middletown: Meech & Stoddard, Inc.....	10.40	13.00	16.00	10.50	8.00	2.97	3.50
7972	Special Balance Starting Mash.....	Middletown: Meech & Stoddard, Inc.....	9.77	18.56	16.00	7.27	8.00	4.63	3.50
	Miner-Hillard Milling Co., Wilkes-Barre, Pa.								
7099	Choice Steam Cooked Hominy Feed..	Ansonia: Ansonia Feed Co.....	11.29	10.31	10.00	4.15	5.00	5.38	5.00

Geo. Q. Moon & Co., Inc., Binghamton, N. Y.									
7682	Fitting Ration	Higganum: Higganum Feed Store	10.38	16.69	13.00	8.80	9.00	4.30	3.00
7715	Hog Feed	Norfolk: Curtis & Collar	10.16	14.56	13.00	13.52	12.00	3.99	3.00
7680	Moon's Complete Growing Mash	Higganum: Higganum Feed Store	9.78	17.06	16.00	9.85	9.00	4.36	3.00
5254	Moon's Complete Laying Mash	Stratford: Chas. Zimmerman	10.90	16.63	16.00	7.20	9.00	3.78	3.00
5255	Moon's Complete Starter and Broiler Mash	Stratford: Chas. Zimmerman	10.58	17.50	17.50	7.25	9.00	3.70	3.00
7714	Moon's Duxfat Mash	Norfolk: Curtis & Collar	11.02	14.00	13.00	12.19	10.00	4.56	4.00
7716	Moon's 90 Horse Feed with Molasses	Norfolk: Curtis & Collar	11.10	9.44	9.00	10.29	10.00	4.26	1.50
7681	Moon's Scratch Feed	Higganum: Higganum Feed Store	12.56	10.25	10.00	4.35	5.00	2.98	2.00
7302	Rabbit Pellets	Manchester: Larson's Feed Service	9.93	16.00	15.00	11.00	10.00	4.12	2.50
7927	Rabbit Pellets	Stratford: Chas. Zimmerman	9.68	17.06	15.00	11.24	10.00	3.97	2.50
5461	Special A 16% Dairy	Norwich: The A. E. Shedd Co.	10.80	14.38	16.00	5.80	12.00	4.68	3.00
8036	Special A Dairy 20% Ration	East Granby: W. L. Hayes	9.84	21.88	20.00	9.07	10.00	3.83	3.00
Fred C. Morse & Son, Guilford, Conn.									
5305	Old Mill Breeding Mash	Guilford: Fred C. Morse & Son	9.50	19.63	18.00	7.90	7.50	5.10	4.00
5302	Old Mill Broiler Mash	Guilford: Fred C. Morse & Son	10.08	18.31	18.00	6.20	7.50	4.21	4.00
5306	Old Mill Fitting Feed	Guilford: Fred C. Morse & Son	10.17	14.25	14.00	7.00	8.00	4.01	4.00
5304	Old Mill Green Label Laying Mash	Guilford: Fred C. Morse & Son	9.42	19.56	20.00	5.05	7.50	4.21	4.00
5303	Old Mill Growing Mash	Guilford: Fred C. Morse & Son	10.00	18.63	18.00	6.70	7.00	4.30	4.00
5308	Old Mill Hog Feed	Guilford: Fred C. Morse & Son	12.22	13.13	14.00	4.70	6.00	3.39	3.50
5307	Old Mill Horse Feed	Guilford: Fred C. Morse & Son	12.09	12.19	12.00	6.00	8.00	4.00	3.00
5301	Old Mill Starting Mash	Guilford: Fred C. Morse & Son	10.25	20.19	18.00	6.40	6.00	5.00	4.00
Moses Bros. Co., Inc., Eaton, N. Y.									
7189	Moco Eggetter Mash	Kensington: A. S. Labieniec	11.53	15.81	17.00	6.50	6.50	3.85	4.00
7207	Moco Hog Ration	Kensington: A. S. Labieniec	11.55	17.38	14.00	6.85	7.00	3.79	3.50
7188	Moco Perfection Starting and Growing Mash	Kensington: A. S. Labieniec	10.98	15.00	18.00	6.75	7.00	4.13	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)							
			Moisture	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
	National Distillers Products Corp., New York 5, N. Y.									
8035	Nadrisol Brand Distillers Dried Solubles	Granby: Edward H. Rollins & Sons, Inc.	6.77	27.81	25.00	2.69	4.00	11.79	1.50	
5431	Produlac Brand Dried Corn Distillers Grains with Solubles	Norwalk: Libner Grain Co., Inc.	4.45	27.13	27.00	8.50	10.50	8.69	5.00	
	National Lead Co., New York 6, N. Y.									
5448	Dutch Boy Old Process 34% Linseed Oil Meal	Rockville: Farmers' Milling Co., Inc.	8.70	39.75	34.00	7.30	10.00	5.31	4.50	
	Newton Concentrates, Ashburnham, Mass.									
5325	Newton Bovine Concentrates (Super)	Middletown: Middletown State Hospital	10.45	15.31	15.00	7.55	9.00	5.00	5.00	
5324	Newton Green Roughage Concentrates	Middletown: Middletown State Hospital	9.63	12.50	12.00	11.43	18.00	5.30	2.00	

	North Dakota Mill & Elevator, Grand Forks, N. D.									
7287	Dakota Maid All Mash Chick Starter and Grower.....	Bridgeport: Savitt Grain Exchange	10.22	15.75	16.00	9.75	7.00	4.68	4.00	
7288	Dakota Maid All Mash Laying Ration	Bridgeport: Savitt Grain Exchange	9.76	16.00	16.00	10.05	8.00	4.61	3.50	
	Northwest Distributing Co., Inc., Colby, Wis.									
5418	Nodco 16% Dairy Ration	Danbury: Frenchies Coal & Grain Co.....	10.00	18.50	16.00	13.25	12.00	6.68	3.00	
5213	Northwest's 18% Broiler Mash.....	New Haven: R. G. Davis & Sons, Inc.....	11.28	18.25	18.00	7.50	8.00	4.02	4.00	
5274	Northwest's 16% Dairy Ration.....	Union City: Naugatuck Grain Co..	11.28	19.50	16.00	8.85	12.00	4.93	3.00	
7103	Northwest's 20% Dairy Ration.....	Litchfield: The George J. Switzer Co.....	11.11	19.69	20.00	10.80	12.00	4.33	3.50	
5283	Northwest's 17% Growing Mash.....	Mt. Carmel: Hamden Grain Co....	9.17	17.50	17.00	10.30	8.00	2.94	4.00	
5282	Northwest's 17% Laying Mash.....	Mt. Carmel: Hamden Grain Co....	9.61	17.00	17.00	11.00	8.00	2.67	3.50	
5371	Northwest's 20% Turkey Growing and Finishing Mash.....	Milford: Milford Grain Co.	10.21	19.31	20.00	7.05	8.00	4.37	4.00	
	Ogden Grain Co., Utica, N. Y.									
7317	"Bidly" Laying Mash.....	Quinebaug: M. T. Dart.....	10.39	15.38	18.00	9.90	7.00	4.10	4.00	
7808	"Bidly" Laying Mash.....	Quinebaug: M. T. Dart.....	9.90	17.13	18.00	11.09	7.00	4.23	4.00	
7316	Ogden 16% Dairy Feed.....	Quinebaug: M. T. Dart.....	9.16	17.50	16.00	10.60	8.00	5.97	4.00	
7314	Ogden Growing Mash.....	Quinebaug: M. T. Dart.....	10.34	15.38	18.00	10.10	8.00	4.00	4.00	
7810	Ogden Growing Mash.....	Quinebaug: M. T. Dart.....	9.27	16.56	18.00	11.40	8.00	5.24	4.00	
7357	Ogden Pig Feed.....	Quinebaug: M. T. Dart.....	10.85	14.31	14.00	10.85	12.00	5.08	3.50	
7315	Ogden Starter and Broiler Ration....	Quinebaug: M. T. Dart.....	8.96	17.50	19.00	13.45	7.00	6.06	4.00	
7809	Ogden Starter and Broiler Ration....	Quinebaug: M. T. Dart.....	8.94	17.81	19.00	13.69	7.00	5.97	4.00	
	Oswego Soy Products Corp., Oswego, N. Y.									
5453	Soybean Oil Meal.....	Norwich: The Yantic Grain & Pro- ducts Co.....	11.10	44.50	41.00	5.65	7.00	4.90	4.00	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	The Park & Pollard Co., Buffalo, N. Y.								
7110	Bulky Sweet Dairy Feed	Torrington: Torrington Grain Co...	11.97	14.06	12.00	11.50	12.00	3.15	2.50
5275	Claco Dairy Ration	Woodbury: C. L. Adams Co.	11.49	17.88	16.00	5.75	9.00	3.63	3.50
7670	Go-Tu-It Pig and Hog Ration	Washington Depot: Washington Supply Co., Inc.	10.06	17.50	15.00	7.20	8.00	3.77	2.50
7664	Hi Value Scratch Pellets	Waterbury: Spencer Grain Co.	10.16	14.75	12.00	5.35	8.00	4.36	2.50
7665	Intermediate Chick Feed (A Lay or Bust Feed)	Waterbury: Spencer Grain Co.	13.72	10.13	10.00	1.95	4.00	2.59	2.00
5209	Lay or Bust Dry Mash (A Lay or Bust Feed)	New Haven: Moran & Patton Co..	10.81	18.19	18.00	5.65	7.50	3.72	2.50
7439	Milkade Calf Meal	Winsted: The Leonard Grain Co...	10.10	21.38	20.00	5.90	9.00	4.09	3.50
7374	Milkade Calf Starter Mix	East Windsor Hill: Farmers' Hard- ware Co.	11.66	17.88	19.50	8.15	10.00	4.01	3.50
7438	Milkade Calf Starter Pellets	Winsted: The Leonard Grain Co...	10.68	25.00	22.00	5.60	9.00	4.00	4.00
5277	Milk-Maid 16% Dairy Ration	Woodbury: C. L. Adams Co.	10.44	18.63	16.00	7.65	10.00	3.50	3.50
5314	Milk-Maid 18% Dairy Ration	Essex: Essex Grain Co.	9.95	22.06	18.00	8.76	10.00	3.50	3.50
5279	Milk-Maid Fitting Ration	Southbury: C. L. Adams Co.	11.03	15.25	14.00	6.45	9.00	4.69	3.00
7373	Milk-Maid Test Cow Ration	East Windsor Hill: Farmers' Hard- ware Co.	10.88	21.19	16.00	7.25	12.00	3.50	3.50
5513	Park & Pollard All-Mash Growing Feed	Plainfield: Dayville Grain & Feed Co.	9.43	16.63	14.50	7.50	7.00	3.70	2.50

5363	Park & Pollard All-Mash Laying Ration.....	Waterbury: Spencer Grain Co.....	10.43	18.75	15.00	5.80	7.00	4.27	2.50
7550	Park & Pollard Breeder Mash.....	Willimantic: W. D. Grant, Inc.....	9.05	19.25	20.00	8.00	8.50	4.44	2.50
5514	Park & Pollard Broiler Finishing Mash.....	Plainfield: Dayville Grain & Feed Co.	9.45	18.13	16.00	7.20	7.50	3.87	2.50
5362	Park & Pollard Broiler Mash (A Lay or Bust Feed).....	Waterbury: H. S. Coe & Co.....	10.72	18.50	18.00	6.60	7.00	3.70	2.50
7111	Park & Pollard Chick Scratch (A Lay or Bust Feed).....	Torrington: Torrington Grain Co...	12.78	11.19	10.00	1.50	3.50	2.22	2.00
5276	Park & Pollard Chick Starter (A Lay or Bust Feed).....	Woodbury: C. L. Adams Co.....	10.50	19.44	18.00	6.50	7.00	3.69	2.50
7828	Park & Pollard Fleshing Pellets (A Lay or Bust Feed).....	West Cheshire: The Cheshire Grain & Coal Co., Inc.,.....	9.14	18.19	15.00	9.94	8.50	4.77	2.50
5259	Park & Pollard Growing Feed (A Lay or Bust Feed).....	Bridgeport: Willis Seed Store.....	9.91	18.31	16.00	4.92	7.50	4.30	2.50
7385	Park & Pollard Laying Pellets (A Lay or Bust Feed).....	New Hartford: George W. Case, Inc.	9.92	19.31	18.00	8.10	8.50	4.24	2.50
7672	Park & Pollard Rabbit Pellets.....	Danbury: Frenchies Coal & Grain Co.....	10.49	15.63	14.00	4.99	12.00	3.90	2.50
5364	Park & Pollard Stock Feed.....	Waterbury: Spencer Grain Co.....	9.51	10.44	9.00	13.07	12.00	3.63	2.00
5361	Park & Pollard Turkey Grower (A Lay or Bust Feed).....	Waterbury: H. S. Coe & Co.....	9.80	20.50	18.00	4.95	7.00	4.17	2.50
5315	Park & Pollard Turkey Starter (A Lay or Bust Feed).....	Essex: Essex Grain Co.....	9.85	25.63	24.00	5.45	7.00	3.50	2.50
5360	Yankee Horse Feed.....	Waterbury: H. S. Coe & Co.....	10.45	13.69	10.00	5.85	9.00	4.50	2.50
	Parrish & Heimbecker, Ltd., Toronto, Canada								
7720	Parrheim Pure Wheat Bran.....	Falls Village: Community Service, Inc.....	11.00	15.75	15.00	11.07	11.50	4.63	3.50
	Pasco Packing Co., Dade City, Fla.								
5337	Sugar Sweet Citrus Pulp.....	Middlefield: Middlefield Central Grain Co.....	7.63	6.88	6.00	10.35	12.00	3.70	2.75

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
5379	Patent Cereals Co., Geneva, N. Y. Hominy Feed.....	Long Hill: Long Hill Feed Store....	10.34	11.00	9.00	4.10	5.00	5.11	5.00
5339	Pecos Valley Alfalfa Mill Co., Chandler, Ariz. Velvet Brand Alfalfa Meal.....	Storrs: University of Connecticut (Poultry Dept.).....	8.90	16.25	17.00	27.20	27.00	1.53	1.50
7650	A. D. Pierce, Brooklyn, Conn. Pierce Special Laying Mash.....	Brooklyn: A. D. Pierce.....	9.77	18.13	17.00	8.09	7.00	4.44	3.50
7657	Pierce Starter and Broiler Mash.....	Brooklyn: A. D. Pierce.....	9.92	18.25	16.00	7.84	7.00	5.38	3.50
5214	Pierce Grain Corp., Buffalo, N. Y. Reliance Dairy Ration.....	New Haven: R. G. Davis & Sons....	9.46	16.31	16.00	13.80	12.00	4.22	3.00
7286	Special Scratch.....	Bridgeport: Savitt Grain Exchange.	13.35	10.06	9.50	4.40	6.00	3.16	3.00
5430	Pillsbury Mills, Inc., Minneapolis 2, Minn. Pillsbury's Hard Wheat Bran with Ground Wheat Screenings.....	So. Norwalk: The Roodner Feed Co.	9.27	16.38	14.00	9.80	12.00	4.85	4.00

7437	Pillsbury's Hard Wheat Standard Middlings with Ground Wheat Screenings	Torrington: F. L. Wadhams & Sons, Inc.	11.37	15.25	15.00	9.05	9.50	4.52	4.00
7483	Pillsbury's Wheat Bran with Ground Wheat Screenings	Norwich: The A. E. Shedd Co.	10.77	15.88	14.50	8.90	11.00	4.61	3.50
7755	Pillsbury's XX Daisy	So. Norwalk: The Roodner Feed Co.	11.19	16.00	16.00	2.47	4.00	4.35	4.00
Pratt Food Co., Inc., Buffalo 10, N. Y.									
7460	Pratt's Broiler Mash	Bristol: Bristol Grain & Supply Co.	9.52	19.13	18.00	7.60	7.00	4.17	3.50
7850	Pratt's Calf Meal	Bristol: Bristol Grain & Supply Co.	9.83	24.94	24.50	5.59	4.00	3.70	4.00
7887	Pratt's C-Ka-Gen Ration	Norwalk: Independent Feed Store	9.71	20.38	18.00	7.37	7.50	4.27	3.50
7458	Pratt's Complete Rabbit Pellets	Bristol: Bristol Grain & Supply Co.	9.52	17.06	17.00	12.35	18.00	4.07	2.00
7889	Pratt's Fattening Mash (Crate Fattener)	Norwalk: Independent Feed Store	10.16	15.63	15.00	7.35	6.00	4.22	4.00
7457	Pratt's Goat Ration	Bristol: Bristol Grain & Supply Co.	10.86	17.63	16.00	7.60	10.00	4.12	4.00
7849	Pratt's Horse Feed	Bristol: Bristol Grain & Supply Co.	10.63	10.88	9.00	6.84	8.00	4.21	2.50
7459	Pratt's Laying Mash	Bristol: Bristol Grain & Supply Co.	9.64	18.44	18.00	7.35	7.50	4.79	3.50
5438	Pratt's Starter and Grower	Norwalk: Independent Feed Store	10.19	18.06	18.00	6.70	7.00	4.20	3.50
7847	Pratt's Sweet 18% Dairy Feed	Bristol: Bristol Grain & Supply Co.	8.98	22.06	18.00	7.24	10.00	4.28	4.00
7848	Pratt's Turkey Growing and Finishing Mash	Bristol: Bristol Grain & Supply Co.	8.86	19.63	18.00	6.29	7.50	4.07	3.50
5437	Utility Growing Mash	Norwalk: Independent Feed Store	9.89	14.31	14.00	8.35	8.50	4.93	3.50
5439	Utility Laying Mash	Norwalk: Independent Feed Store	9.85	14.44	16.00	8.87	8.50	5.18	3.50
Premar Corp., New York 6, N. Y.									
7525	Red Rooster Growing Mash	Windsor Locks: Windsor Locks Grain Co.	9.14	17.56	16.00	10.30	11.00	5.11	3.00
5396	Red Rooster Laying Mash	Windsor Locks: Windsor Locks Grain Co.	9.50	23.00	20.00	6.22	8.00	5.68	3.50
5395	Red Rooster Pig and Hog Feed	Windsor Locks: Windsor Locks Grain Co.	10.16	17.81	14.00	4.95	11.00	4.09	2.50

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	The Quaker Oats Co., Chicago 4, Ill.								
7980	Bell Cow Wheat Bran.....	No. Franklin: The Berkman Grain & Coal Co.	10.14	16.56	15.00	10.31	11.50	5.17	3.50
7791	Ful-O-Pep Broiler Mash.....	Manchester: Little & McKinney, Inc.	8.99	19.00	19.00	7.60	8.00	4.41	3.50
7897	Ful-O-Pep Calf Starter	Danielson: United Co-Op. Farmers, Inc.	9.28	20.13	20.00	6.96	8.00	5.27	4.50
7086	Ful-O-Pep Chick Starter	Fairfield: Fairfield Grain & Seed Co.	10.43	17.94	17.00	6.10	8.00	5.14	4.00
7785	Ful-O-Pep Crate Fattener	Danbury: Barnum's Feed Store...	10.90	12.31	12.50	4.44	8.00	3.70	3.00
7801	Ful-O-Pep Crate Fattener	Shelton: Wolf's Feed Store.....	10.45	12.94	12.50	5.34	8.00	4.14	3.00
7294	Ful-O-Pep 16% Dairy Ration.....	Wallingford: D. W. Ives.....	10.01	17.81	16.00	9.45	11.00	4.82	3.50
7784	Ful-O-Pep Egg-Breeder Mash.....	Danbury: Barnum's Feed Store...	10.16	18.31	20.00	5.79	8.00	4.02	4.00
7298	Ful-O-Pep Fitting Ration.....	Manchester: Little & McKinney, Inc.	9.95	14.13	14.00	9.90	11.00	4.83	3.50
5336	Ful-O-Pep Growing Mash.....	Middletown: Middletown State Hospital.....	9.89	19.50	19.00	6.35	8.00	5.00	4.00
7708	Ful-O-Pep Horse Feed.....	West Willington: Hansen's Store...	9.74	12.38	12.00	9.71	11.00	4.77	3.00
5326	Ful-O-Pep Laying Mash.....	Middletown: Middletown State Hospital.....	10.94	20.81	20.00	6.45	8.00	4.15	3.50
7085	Ful-O-Pep Laying Mash.....	Fairfield: Fairfield Grain & Seed Co.	10.39	18.00	18.00	6.75	8.00	4.26	3.50
7635	Ful-O-Pep Super Greens.....	Thompsonville: The Geo. S. Phelps Co.	10.37	17.50	19.00	5.05	8.00	4.90	4.50

7299	Ful-O-Pep Turkey Grower.....	Manchester: Little & McKinney, Inc.....	9.97	20.75	20.00	6.70	8.00	5.04	3.50
7933	Peterborough Oat Feed.....	Bridgeport: Savitt Grain Exchange	6.80	4.63	3.50	28.25	32.50	1.67	1.00
7295	Quaker Sugared Schumacher Feed...	Wallingford: D. W. Ives.....	10.71	9.44	10.00	10.50	12.00	3.48	3.00
Ralston Purina Co., St. Louis, Mo.									
7663	Chowmix Hog Feed B.....	Waterbury: Checkerboard Feed Store.....	12.66	15.63	14.00	3.85	7.00	3.13	2.50
7667	Oswego Growing Feed (Checkerboard).....	Waterbury: Checkerboard Feed Store.....	10.94	15.31	16.00	7.15	7.00	4.23	3.00
5218	Purina B & M Cow Chow.....	Hartford: Hartford Poultry Supply Co.....	10.25	17.44	16.00	8.10	10.00	4.53	3.50
7666	Purina Breeder Lay Chow.....	Waterbury: Checkerboard Feed Store.....	9.90	23.25	22.00	6.45	8.00	3.88	3.50
7955	Purina Breeder Layena (Complete Ration).....	Willimantic: Checkerboard Feed Store.....	9.54	17.00	15.50	6.39	8.00	4.52	3.00
5367	Purina Broiler Chow.....	Waterbury: Checkerboard Feed Store.....	11.13	22.81	18.00	5.52	7.00	3.59	3.50
7956	Purina Bulky Las.....	Willimantic: Checkerboard Feed Store.....	10.01	11.31	10.00	14.29	16.00	2.02	2.00
7875	Purina Calf Chow.....	New Canaan: Clapboard Hill Feed Co., Inc.....	10.46	27.50	27.00	3.94	5.00	4.49	3.00
5464	Purina Calf Startena.....	Norwich: Checkerboard Feed Store	10.42	19.94	19.50	9.62	9.50	3.60	2.50
5365	Purina Chick Chow (Fine).....	Waterbury: Checkerboard Feed Store.....	11.40	12.88	10.00	2.25	4.00	2.79	2.00
7817	Purina Chicken Fatena Checkers....	Putnam: Checkerboard Feed Store.	10.55	16.75	14.00	6.15	7.00	3.94	3.50
5312	Purina Chick Growena.....	Deep River: Checkerboard Feed Store.....	11.80	18.13	17.00	5.65	7.00	4.03	3.00
7662	Purina Chick Growing Chow.....	Waterbury: Checkerboard Feed Store.....	10.26	25.00	23.00	6.85	7.00	4.66	3.50
5217	Purina Chick Startena.....	Hartford: Hartford Poultry Supply	10.58	21.56	20.00	4.40	7.00	4.92	3.50
7418	Purina Cow Chow.....	New London: New London Grain Co.....	10.75	21.19	18.00	8.25	10.00	3.55	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Ralston Purina Co.,—Cont. St. Louis, Mo.								
7104	Purina Dry and Freshening Chow	Litchfield: The Geo. J. Switzer Co.	11.92	13.63	12.50	8.20	14.00	3.76	2.00
7782	Purina Eastern Cow Chow	Danbury: Barnum's Feed Store	9.70	22.50	20.00	7.02	12.00	3.70	3.00
5465	Purina Game Bird Breeder Chow	Norwich: Checkerboard Feed Store	8.05	27.31	25.00	6.30	8.00	5.34	4.00
7339	Purina Goat Chow	Putnam: Checkerboard Feed Store	13.26	16.00	16.00	7.95	10.00	3.55	3.50
7873	Purina Hen Chow	Stamford: Clapboard Hill Feed Co., Inc.	12.13	12.50	10.00	3.52	5.00	2.31	2.00
5366	Purina Hog Fatena	Waterbury: Checkerboard Feed Store	12.18	14.81	14.00	4.20	7.00	3.10	3.00
5216	Purina 18% Lay Chow	Hartford: Hartford Poultry Supply Co.	9.59	20.00	18.00	8.45	8.00	4.93	3.00
8010	Purina 22% Lay Chow	Deep River: Checkerboard Feed Store	10.09	25.31	22.00	8.74	8.00	4.21	3.50
5313	Purina Layena (Complete Ration)	Deep River: Checkerboard Feed Store	11.23	16.31	15.50	6.15	8.00	4.24	3.00
5316	Purina Omolene	Portland: Valley Mills	12.09	11.19	10.00	8.25	11.00	4.34	3.00
7340	Purina Rabbit Chow Checkers (Com- plete Ration)	Putnam: Checkerboard Feed Store.	10.89	17.31	14.50	16.30	18.00	3.60	2.00
5370	Purina Rabbit Chow Meal (Complete Ration)	Waterbury: Checkerboard Feed Store	10.46	14.81	13.50	10.70	16.00	3.37	2.50

8009	Purina Special Broiler Feed.....	Deep River: Checkerboard Feed Store.....	10.27	20.19	18.00	8.45	7.00	4.10	3.00
7870	Purina Steer Fatena C.....	Bantam: Washington Supply Co., Inc.....	10.19	23.31	20.00	9.27	12.00	3.73	3.00
7661	Purina Turkey Fatena (Checkers)...	Waterbury: Checkerboard Feed Store.....	10.48	16.31	14.00	6.70	7.00	3.52	3.50
7527	Purina Turkey Growena.....	Windsor Locks: Windsor Locks Grain Co.....	10.05	22.25	18.00	6.10	7.00	4.24	3.50
5344	Purina Turkey Startena.....	Willimantic: Checkerboard Feed Store.....	9.88	24.13	24.00	4.40	7.00	4.10	4.00
John Reardon & Sons, Div. of Wilson & Co., Inc., Cambridge, Mass.									
7431	45% Register Brand Meat and Bone Scrap.....	Pawcatuck: The C. W. Campbell Co.	6.18	44.63	45.00	1.90	5.00	13.70	8.00
Reliable Grain & Fuel Co., Ansonia, Conn.									
5420	Reliable Chick Starter with Cod Liver Oil.....	Danbury: Frenchies Coal & Grain Co.....	10.23	16.00	17.00	7.05	8.00	4.65	4.00
7659	Reliable 16% Dairy Feed.....	Naugatuck: Reliable Grain & Fuel Co.....	10.14	15.00	16.00	9.15	12.00	3.67	3.50
5266	Reliable Growing Feed with Cod Liver Oil.....	Naugatuck: Reliable Grain & Fuel Co.....	9.37	18.13	15.00	9.70	8.00	4.89	4.00
5268	Reliable Laying Mash with Cod Liver Oil.....	Naugatuck: Reliable Grain & Fuel Co.....	9.68	17.00	18.00	8.37	8.00	4.73	4.00
5416	Reliable Pig and Hog Ration.....	Danbury: Frenchies Coal & Grain Co.....	9.93	11.00	17.00	7.95	8.00	3.55	4.00
5267	Reliable Stock Feed.....	Naugatuck: Reliable Grain & Fuel Co.....	8.83	9.88	8.00	16.00	15.00	3.15	2.00
7660	Reliable Turkey Starter and Growing Mash.....	Naugatuck: Reliable Grain & Fuel Co.....	9.18	16.19	17.00	8.02	7.00	4.74	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
5296	Rex Grain & Milling Co., Inc., Buffalo 4, N. Y. Rex Crown Turkey Starting and Growing Mash.....	Wallingford: L & H Feed Co.....	9.63	26.25	25.00	6.25	8.00	5.18	4.00
7742	Riverdale Products Co., Chicago, Ill. Riverdale's Poultry Supplement.....	Wallingford: L & H Feed Co.....	9.78	33.63	31.00	7.79	8.00	2.65	2.00
7802	Rodney Milling Co., Kansas City, Mo. Heart of America Pure Wheat Bran..	Shelton: Wolf's Feed Store.....	11.00	17.69	14.50	8.55	10.00	4.10	3.50
7454	Wheat Bran and Ground Wheat Screenings.....	Plantsville: C. A. Cowles, Inc.....	11.15	16.19	15.00	9.20	10.00	4.37	3.50
8005	Wheat Bran and Ground Wheat Screenings.....	Bridgeport: The Brooklawn Grain & Feed Co.....	10.79	15.63	15.00	9.71	10.00	4.57	3.50
7532	E. H. Rollins & Sons, Inc., Granby, Conn. Connecticut's Best Dairy Feed.....	Granby: E. H. Rollins & Sons, Inc.	10.60	18.25	18.00	7.60	8.00	4.40	3.50
7530	Connecticut's Best Fitting Ration....	Granby: E. H. Rollins & Sons, Inc.	10.89	14.81	12.00	8.25	12.00	4.73	3.50
7529	Connecticut's Best Laying Mash....	Granby: E. H. Rollins & Sons, Inc.	9.51	21.06	18.00	7.70	7.00	4.72	4.50

7528	Connecticut's Best Starting Mash . . .	Granby: E. H. Rollins & Sons, Inc.	10.00	21.50	20.00	7.09	6.00	4.67	4.50	
7531	Pig Feed	Granby: E. H. Rollins & Sons, Inc.	10.92	13.75	10.00	5.24	10.00	4.25	4.00	
Roux Feed Mills, Sharon, Pa.										
7646	Roux Tenderich Broiler Mash	Hampton: Beacon Grain Store	10.71	18.88	20.00	7.70	8.00	3.18	3.50	
H. M. Rubin Co., Inc., Long Island City, N. Y.										
5452	Rubco Meat Bone Scrap 50%	Norwich: The Yantic Grain & Products Co.	5.54	50.00	50.00	1.88	3.00	4.88	5.00	
5446	Rubco Meat Bone Scrap 55%	Rockville: Farmers' Milling Co., Inc.	5.45	53.13	55.00	2.70	3.00	5.55	5.00	
Russell-Miller Milling Co., Minneapolis, Minn.										
7834	Hard Wheat Occident Bran	Plantsville: C. A. Cowles, Inc.	11.56	17.38	14.00	9.09	11.50	5.17	4.00	
7747	Hard Wheat Occident Mixed Feed with Ground Wheat Screenings	Cos Cob: Belmont Feed Co.	11.36	17.44	15.00	7.62	9.50	4.97	4.00	
7689	Hard Wheat Occident Standard Middlings with Ground Wheat Screenings	Middletown: Meech & Stoddard, Inc.	11.93	16.50	15.00	6.75	9.50	4.53	4.00	
Ryde & Co., Chicago, Ill.										
5295	Ryde's Calf Meal	Wallingford: L & H Feed Co.	11.15	21.06	20.00	2.77	4.00	3.17	4.00	
Savitt Grain Exchange, Bridgeport, Conn.										
7930	Savitt Milk Ration	Bridgeport: Savitt Grain Exchange	10.62	19.19	20.00	10.15	8.00	4.54	4.00	
7932	Savitt Pig and Hog Ration	Bridgeport: Savitt Grain Exchange	9.29	15.00	17.00	8.75	9.00	4.54	3.00	
7929	Savitt Test Ration	Bridgeport: Savitt Grain Exchange	10.84	17.44	18.00	10.01	8.00	4.67	4.00	
7931	S.G.E. Growing Mash	Bridgeport: Savitt Grain Exchange	9.48	20.00	18.00	7.24	7.00	4.48	3.50	
7928	S.G.E. Laying Mash	Bridgeport: Savitt Grain Exchange	9.54	20.06	20.00	7.24	7.00	4.92	3.50	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
8004	Schenley Distilleries, Inc., New York, N. Y. Schenley Mark of Merit Corn Distillers Dried Grains 24%	Bridgeport: Brooklawn Grain & Feed Co.....	7.32	28.00	24.00	9.63	13.00	5.62	5.00
7220	Schoeneck Farms, Inc., Nazareth, Pa. Schoeneck's Super-Green Dehydrated Alfalfa Meal	Middletown: Meech & Stoddard, Inc.....	7.11	16.00	17.00	22.80	27.00	2.09	2.00
7211	Sea Board Supply Co., Philadelphia, Pa. Crab Meal.....	New Britain: The C. W. Lines Co..	7.94	32.88	28.00	9.70	11.00	2.84	1.00
5474	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Starter and Broiler Ration.....	Seymour: Seymour Grain & Coal Co.....	10.23	18.75	18.00	6.30	7.00	5.00	4.00
5471	Miracle Fitting Ration.....	Seymour: Seymour Grain & Coal Co.....	10.63	13.56	14.00	7.30	9.50	4.12	4.00

7358	Miracle Grower	Seymour: Seymour Grain & Coal Co.	10.25	19.31	16.00	7.30	7.00	5.70	4.00	
5472	Miracle Hog Ration	Seymour: Seymour Grain & Coal Co.	10.33	18.19	16.00	4.45	8.00	4.33	3.00	
7359	Miracle Horse Feed	Seymour: Seymour Grain & Coal Co.	11.99	11.94	10.00	8.10	9.00	4.89	3.50	
7342	Miracle Mash	Seymour: Seymour Grain & Coal Co.	9.48	19.81	17.50	8.50	7.00	5.52	4.50	
7343	Miracle Scratch Feed	Seymour: Seymour Grain & Coal Co.	13.04	10.94	10.00	3.90	6.00	2.61	2.50	
8006	Miracle Scratch Feed	Seymour: Seymour Grain & Coal Co.	13.95	10.00	10.00	3.12	6.00	3.34	2.50	
8007	Miracle Turkey Grower	Seymour: Seymour Grain & Coal Co.	10.03	19.25	20.00	7.49	6.00	5.01	4.00	
5473	New England Mash	Seymour: Seymour Grain & Coal Co.	9.79	17.69	18.00	7.30	7.00	4.50	4.50	
7341	See-More-Milk Dairy Ration	Seymour: Seymour Grain & Coal Co.	10.14	18.75	16.00	9.20	9.50	4.04	4.50	
The A. E. Shedd Co., Norwich, Conn.										
5458	Shedd's 16% Dairy Ration with Vitamin D	Norwich: The A. E. Shedd Co.	9.78	19.88	16.00	8.38	13.00	4.90	3.00	
5457	Shedd's Fitting Ration with Vitamin D	Norwich: The A. E. Shedd Co.	9.90	16.31	12.00	7.80	13.00	4.47	3.00	
5456	Shedd's Laying Mash	Norwich: The A. E. Shedd Co.	9.63	22.06	17.00	7.00	9.00	5.40	3.50	
7485	Shedd's 18% Milk Maker	Norwich: The A. E. Shedd Co.	10.99	21.88	18.00	8.20	11.00	4.06	3.50	
7480	Shedd's Special Grower Mix	Norwich: The A. E. Shedd Co.	9.93	17.50	15.00	7.90	9.00	5.18	3.00	
The Sherwin-Williams Co., Cleveland 1, Ohio										
8002	Sherwin-Williams Old Process Linseed Meal	New Haven: R. G. Davis & Sons ...	9.71	35.56	32.00	8.07	9.00	6.48	4.50	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
7305	Smith Meal Co., Inc., Amagansett, N. Y. Smith's Fish Meal	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.	7.39	63.25	55.00	0.10	5.00	11.37	3.00
7482	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed	Norwich: The A. E. Shedd Co.	11.03	27.13	23.00	5.95	8.00	3.12	1.50
7093	Staley's 41% Protein Soybean Oil Meal	Shelton: Wolf's Feed Store	11.69	44.63	41.00	5.25	7.00	4.19	3.50
5358	Staley's 44% Protein Soybean Oil Meal	Watertown: Watertown Co-Op. Assoc., Inc.	10.95	46.13	44.00	5.35	7.00	0.95	0.50
5432	Standard Milling Co., Chicago 6, Ill. Hecker's Choice Wheat Brand and Ground Wheat Screenings	Norwalk: Libner Grain Co., Inc.	10.03	17.38	13.50	11.02	13.00	5.50	3.50
7231	Hecker's Wheat Standard Middlings and Ground Wheat Screenings	Colchester: L. Broder & Co.	10.69	14.63	15.00	9.60	9.50	5.47	4.00
7842	Red Turkey Wheat Bran	Southington: Louis Perillo Coal Co.	10.35	15.00	14.50	10.29	11.00	4.55	3.50
7413	Wheat Bran	Thomaston: The Thomaston Supply Co., Inc.	10.74	15.13	14.00	10.70	12.00	5.12	4.00

7412	Wheat Standard Middlings with Ground Wheat Screenings.....	Thomaston: The Thomaston Supply Co., Inc.....	10.42	16.06	15.00	8.85	9.50	5.23	4.00
D. A. Stickell & Sons, Inc., Hagerstown, Md.									
7685	Blue Ridge Egg Mash.....	Cromwell: F. I. Nordgren.....	9.88	18.06	20.00	6.90	6.00	3.65	3.50
8116	Blue Ridge Pig and Hog Ration.....	Stratford: Farmers' Flour & Grain Co.....	10.68	18.69	17.00	6.45	6.00	2.75	3.00
7091	Dairy Queen Sweet 20% Milk Maker	Saugatuck: Saugatuck Grain & Supply Co.....	10.86	16.25	20.00	7.10	10.00	4.02	3.50
8115	Stickell's Stock Feed.....	Stratford: Farmers' Flour & Grain Co.....	11.76	10.81	9.00	9.69	12.00	2.82	2.50
7089	Su-Pur All Mash Starter.....	Saugatuck: Saugatuck Grain & Supply Co.....	11.04	16.31	16.50	5.30	5.00	3.88	3.00
5376	Su-Pur Horse and Calf Feed.....	Bridgeport: Joe Simon.....	10.77	10.00	9.00	5.60	12.00	3.84	2.50
7833	Su-Pur Rabbit Pellets.....	Plantsville: C. A. Cowles, Inc.....	10.85	19.50	17.00	7.62	8.50	4.29	3.00
7090	Su-Pur Turkey Growing Mash.....	Saugatuck: Saugatuck Grain & Supply Co.....	10.37	25.19	22.00	5.50	6.00	5.54	4.00
5265	Victor Chick Feed.....	Milford: C. A. Cowles, Inc.....	12.88	11.00	10.00	2.45	5.00	2.93	2.50
7853	Victor Horse and Mule Feed.....	Oakville: C. A. Stone Feed & Coal Co.....	11.59	9.88	9.00	11.79	12.00	3.95	2.00
5252	Zip Egg Mash.....	Stratford: Farmers' Flour & Grain Co.....	11.48	16.19	18.00	5.50	6.00	3.72	3.00
H. H. Stone & Sons, Southbury, Conn.									
5512	18% Dairy.....	Southbury: H. H. Stone & Sons...	9.35	17.38	18.00	7.70	10.00	4.41	3.50
7365	H. M. 16% Dairy.....	Southbury: H. H. Stone & Sons...	10.95	16.50	16.00	11.30	9.00	4.03	4.00
Stratton & Co., Concord, N. H.									
7893	Stratton & Co.'s Stock Feed.....	Danielson: United Co-Op. Farmers, Inc.....	10.85	8.38	7.50	10.24	14.43	3.64	2.83

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	The Thomaston Supply Co., Inc., Thomaston, Conn.								
7387	Thomaston Dairy Ration.....	Thomaston: The Thomaston Supply Co., Inc.....	8.04	18.00	18.00	9.75	9.00	4.70	4.00
7388	Thomaston Egg Mash.....	Thomaston: The Thomaston Supply Co., Inc.....	9.64	19.38	18.00	8.80	8.00	4.92	4.00
7386	Thomaston Growing Mash.....	Thomaston: The Thomaston Supply Co., Inc.....	9.48	17.13	18.00	8.00	8.00	5.11	4.00
7389	Thomaston Stock Feed.....	Thomaston: The Thomaston Supply Co., Inc.....	9.40	13.94	15.00	9.40	9.00	5.20	5.00
	Tioga Mills, Inc., Waverly, N. Y.								
7778	Egatine.....	Hawleyville: W. A. Honan, Inc....	9.86	22.81	22.00	9.34	7.50	4.06	3.00
7779	Emergency Chick Mash.....	Hawleyville: W. A. Honan, Inc....	10.26	18.94	18.00	8.49	9.00	4.18	3.00
7775	Emergency Laying Mash.....	Hawleyville: W. A. Honan, Inc....	9.80	21.38	18.00	7.72	8.50	4.55	3.00
7780	Ti-O-Ga Calf Food.....	Hawleyville: W. A. Honan, Inc....	10.35	25.00	24.00	3.73	5.00	4.40	3.00
7777	Ti-O-Ga 16% Dairy Feed.....	Hawleyville: W. A. Honan, Inc....	10.30	19.56	16.00	8.47	10.00	4.25	3.50
7776	Ti-O-Ga 22% Dairy Feed.....	Hawleyville: W. A. Honan, Inc....	11.25	24.38	22.00	7.79	10.00	4.55	3.50
5401	Ti-O-Ga Dry-Fresh Dairy Feed.....	Stevenson: Burr & Twist.....	10.38	13.38	13.00	8.60	12.00	4.00	3.00
5507	Ti-O-Ga Grower.....	Hawleyville: W. A. Honan, Inc....	9.96	17.00	16.00	5.70	8.00	4.37	3.00
5476	Ti-O-Ga Horse Feed.....	Hawleyville: W. A. Honan, Inc....	9.90	13.13	10.50	8.60	10.00	4.25	3.00
5506	Ti-O-Ga Scratch Grains.....	Hawleyville: W. A. Honan, Inc....	10.67	13.19	9.50	5.25	5.00	4.50	2.50
7774	Ti-O-Ga Turkey Grower.....	Hawleyville: W. A. Honan, Inc....	9.84	21.25	20.00	7.54	8.00	3.82	3.00

	Union Sales Corp., Dist. for Union Starch & Refining Co., Columbus, Ind.								
7615	Union Corn Gluten Meal	Bloomfield: Bloomfield Farmers' Exchange, Inc.....	8.89	45.25	41.00	3.30	5.00	1.73	1.00
	United Co-Op. Farmers, Inc., Fitchburg, Mass.								
7924	United Farmers Breeder	Danielson: United Co-Op. Farmers, Inc.....	9.83	21.56	20.00	7.00	8.00	5.38	3.00
7895	United Farmers Fitting Ration.....	Danielson: United Co-Op. Farmers, Inc.....	10.15	15.63	12.00	10.37	9.00	4.56	3.00
7892	United Farmers Grower	Danielson: United Co-Op. Farmers, Inc.....	8.78	16.63	17.00	7.59	8.00	5.80	3.00
7891	United Farmers Layer	Danielson: United Co-Op. Farmers, Inc.....	10.09	19.13	18.00	6.39	8.00	4.57	3.00
7894	United Farmers Milkmaker.....	Danielson: United Co-Op. Farmers, Inc.....	9.82	18.13	18.00	9.35	9.00	4.47	3.50
7890	United Farmers Starter	Danielson: United Co-Op. Farmers, Inc.....	9.26	18.50	19.00	8.42	7.00	4.68	3.00
7896	Wheat Bran	Danielson: United Co-Op. Farmers, Inc.....	11.25	17.56	14.00	9.59	11.50	5.26	3.50
	Unity Feeds, Inc., Boston, Mass.								
7102	Life-Saver 16% Dairy Ration.....	Bantam: Washington Supply Co., Inc.....	10.77	17.44	16.00	10.00	10.00	4.34	3.00
7709	Unity Calf Starter Complete.....	West Willington: Hansen's Store ..	11.64	16.50	18.00	6.52	6.00	4.56	4.00
5261	Unity Chick Starter	Bridgeport: Bridgeport Feed Co....	11.48	16.56	18.00	5.50	7.00	3.96	3.50
5410	Unity Complete Breeder Mash.....	Bethel: Marble & Risso	10.55	17.81	17.00	6.35	7.00	4.05	3.00
7556	Unity Complete Broiler Mash.....	No. Franklin: The Berkman Grain & Coal Co.....	9.92	18.31	17.00	7.75	7.00	5.34	3.50
7481	Unity Complete Tri-Way Mash.....	Norwich: The A. E. Shedd Co.....	10.65	15.88	15.00	7.75	7.00	4.16	3.00
5291	Unity Conditioning Mash	Wallingford: Delaney's Feed Store.	10.08	17.00	15.00	5.07	10.00	4.79	3.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Unity Feeds, Inc.,—Cont. Boston, Mass.								
5210	Unity Growing Mash.....	New Haven: Moran & Patton Co..	10.48	17.50	16.00	6.35	7.00	3.62	3.00
7668	Unity Horse Feed.....	Washington Depot: Washington Supply Co., Inc.....	12.29	11.44	10.00	6.50	9.00	4.25	3.00
5260	Unity Laying Mash.....	Bridgeport: Bridgeport Feed Co....	11.16	16.25	18.00	6.02	7.00	3.76	3.00
7100	Unity Pig and Hog Ration.....	Bantam: Washington Supply Co., Inc.....	11.98	17.75	17.00	5.38	8.00	4.13	4.00
5409	Unity Turkey Starting and Growing Mash.....	Bethel: Marble & Risso.....	10.00	19.69	22.00	5.35	7.00	4.24	4.00
	Valley Dehydrating Co., Kingsburg, Calif.								
7303	Bee-Gee Fish-Trate.....	Manchester: Central Conn. Co-Op. Farmers' Assoc., Inc.....	8.37	41.31	40.00	8.00	13.00	6.39	3.00
	The Van Iderstine Co., Long Island City, N. Y.								
5440	Vico Special Steamed Bone Meal....	Hazardville: L. B. Haas & Co.....	3.75	16.50	5.00	2.90	3.00	7.57	0.50
	Wapsie Valley Feed Co., Independence, Iowa								
7106	Wapsie Egg Mash.....	Torrington: Chester H. Yale.....	13.57	15.38	18.00	5.50	7.00	2.15	4.00

The Watertown Co-Op. Assoc., Inc., Watertown, Conn.									
5357	Storrs Formula Chick Starter	Watertown: The Watertown Co-Op. Assoc., Inc.....	10.40	17.38	19.00	7.09	7.00	3.87	4.00
5355	Storrs Formula Growing Mash	Watertown: The Watertown Co-Op. Assoc., Inc.....	10.30	17.38	17.00	7.30	7.00	4.20	4.00
5356	Storrs Formula Laying Mash	Watertown: The Watertown Co-Op. Assoc., Inc.....	10.02	18.06	18.00	6.55	7.00	4.00	4.00
Wayne County Grangers Feed Corp., Clyde, N. Y.									
7960	Milkproducer 16% Dairy Feed	Eastford: Wm. S. Warren & Sons..	8.50	19.88	16.00	14.50	10.00	4.20	3.00
7641	Special Fitting Ration	Eastford: Wm. S. Warren & Sons..	10.41	13.44	12.00	12.60	12.00	3.36	3.00
7964	Superior Broiler Ration	Eastford: Wm. S. Warren & Sons..	10.06	17.13	16.00	7.94	7.00	3.28	3.00
7710	Superior 16% Dairy Feed	Hazardville: Amos D. Bridges' Sons, Inc.....	10.59	14.94	16.00	9.74	10.00	6.40	3.50
7642	Superior Fitting Ration	Eastford: Wm. S. Warren & Sons..	9.88	14.81	14.00	13.69	9.00	4.03	3.50
7378	Superior Growing Mash	Hazardville: Amos D. Bridges' Sons, Inc.....	10.95	13.44	16.00	6.00	7.00	4.21	3.00
7377	Superior Hog Ration	Hazardville: Amos D. Bridges' Sons, Inc.....	10.45	13.25	16.00	7.90	7.00	4.46	3.50
7643	Superior Laying Mash	Eastford: Wm. S. Warren & Sons..	9.83	21.88	16.00	7.75	7.00	4.55	3.00
H. K. Webster Co., Lawrence, Mass.									
5256	Blue Seal All-Mash Egg Ration	Stratford: Franklin Poultry Supply Co.....	11.80	13.81	15.00	4.75	6.00	3.72	3.50
5257	Blue Seal All-Mash Growing Ration ..	Stratford: Franklin Poultry Supply Co.....	12.44	13.19	14.50	4.30	6.00	4.88	3.50
7722	Blue Seal Breeders Mash	Falls Village: Community Service, Inc.....	9.46	22.50	20.00	7.74	7.00	4.10	3.50
7967	Blue Seal Broiler Mash	So. Coventry: E. W. Latimer	9.69	21.19	20.00	8.07	6.50	4.48	4.00

Analyses

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	H. K. Webster Co.—Cont. Lawrence, Mass.								
7636	Blue Seal Calf Grower with Vitamin D Yeast.....	Thompsonville: The Geo. S. Phelps Co.....	10.22	14.13	12.00	9.10	12.00	3.86	3.00
7721	Blue Seal Calf Starter with Vitamin D Yeast.....	Falls Village: Community Service, Inc.....	10.81	19.00	18.00	4.39	5.50	5.76	4.00
5321	Blue Seal Chick Starter.....	Middletown: P. Levson & Son.....	10.15	19.38	19.00	6.42	6.50	4.35	3.50
5253	Blue Seal "16" Dairy Ration.....	Stratford: Farmers Flour & Grain Co.....	10.55	16.00	16.00	7.47	9.00	4.88	3.50
5350	Blue Seal Egg Mash.....	Oakville: C. A. Stone Feed & Coal Co.....	10.01	16.81	18.00	5.10	6.50	4.03	3.50
7107	Blue Seal Fitting Ration with Vitamin D Yeast.....	Torrington: Chester H. Yale.....	10.62	13.63	14.00	7.60	9.00	4.31	4.00
7362	Blue Seal Growing Mash.....	Southbury: H. H. Stone & Sons...	10.22	17.63	18.00	6.90	7.00	3.88	3.50
7415	Blue Seal Horse Feed with Vitamin D Yeast.....	Centerbrook: S. M. Prann, Inc....	11.16	12.69	10.00	7.55	9.00	4.16	3.00
7549	Blue Seal Pig Feed with Vitamin D Yeast.....	So. Coventry: E. W. Latimer.....	9.46	16.63	15.00	6.75	6.00	4.57	3.00
7546	Blue Seal Rabbit Pellets.....	So. Coventry: E. W. Latimer.....	9.54	15.31	14.00	9.85	11.00	4.31	3.00
7640	Blue Seal Richford 16 Dairy Ration..	Eastford: Wm. S. Warren & Sons..	8.40	16.25	16.00	14.63	10.00	4.00	3.50
7959	Blue Seal Stock Feed.....	Eastford: Wm. S. Warren & Sons..	9.71	11.81	8.50	11.57	17.00	3.98	3.00

7543	Blue Seal Succulent Feed.....	Simsbury: Ye Olde Grist Mill.....	9.70	11.94	10.00	16.15	18.00	3.48	1.50
7732	Blue Seal Turkey Growing.....	Canaan: Community Service, Inc....	10.10	19.75	20.00	6.99	7.00	3.71	3.50
West-Nesbitt, Inc., Oneonta, N. Y.									
7216	All Pure Milk Ration.....	Bristol: Farmers Feed & Supply Co.	11.36	18.25	18.00	10.55	10.00	3.79	3.50
7658	Fitting Ration for Horses and Cattle	Brooklyn: A. D. Pierce.....	10.91	12.06	10.00	8.90	10.00	4.15	3.50
7175	Pure Feed Dairy Ration.....	Southington: Louis Perillo Coal Co.	11.36	18.56	18.00	10.20	10.00	3.84	3.50
7177	Pure Feed Egg and Breeder Mash....	Plainville: Sunshine Feed Store....	11.63	19.38	18.00	9.10	7.00	3.38	3.50
7215	Pure Feed Egg Maker.....	Bristol: Farmers Feed & Supply Co.	11.31	18.44	16.00	7.55	8.00	4.26	3.50
7704	Pure Feed Horse Ration.....	Mansfield Depot: G. Merritt Thompson.....	11.96	11.38	9.00	11.51	10.00	4.46	3.00
7174	Pure Feed Starting and Growing Mash.....	Southington: Louis Perillo Coal Co.	11.78	18.13	16.00	7.35	7.00	3.78	3.50
7838	Pure Feed Swine Ration.....	Southington: Louis Perillo Coal Co.	10.42	17.69	16.00	7.05	7.00	4.88	3.50
7841	Pure Feed Turkey Grower.....	Southington: Louis Perillo Coal Co.	9.66	20.44	18.00	8.59	7.00	4.39	3.50
Wilkins-Rogers Milling Co., Washington, D. C.									
5220	Big 5 Dairy Feed.....	Hartford: D. Rudin, Inc.....	10.61	14.69	16.00	6.55	12.00	4.21	3.50
5219	Washington Egg Mash.....	Hartford: D. Rudin, Inc.....	9.54	19.13	18.00	6.55	8.00	5.84	4.00
Wolf's Feed Store, Shelton, Conn.									
7799	"Shelton" Brand Egg Mash.....	Shelton: Wolf's Feed Store.....	8.95	18.75	19.00	9.14	7.50	5.37	4.00
7274	"Shelton" Brand Growing Mash....	Shelton: Wolf's Feed Store.....	10.15	16.44	18.50	8.05	7.00	3.67	4.00
7092	"Wolf's" Chick Starter.....	Shelton: Wolf's Feed Store.....	10.14	18.63	19.00	6.65	8.00	4.10	4.50
7273	"Wolf's" Growing Mash.....	Shelton: Wolf's Feed Store.....	11.17	17.00	18.00	7.55	8.00	3.95	4.00
7781	"Wolf's" Growing Mash.....	Hawleyville: W. A. Honan, Inc....	8.08	19.44	18.00	8.54	8.00	4.21	4.00
7671	"Wolf's" Pig & Hog Feed.....	Danbury: Frenchies Coal & Grain Co.....	9.27	11.06	12.50	14.59	10.00	3.13	3.50
7800	"Wolf's" Pig & Hog Feed.....	Shelton: Wolf's Feed Store.....	9.87	14.44	12.50	9.59	10.00	3.29	3.50
7795	"Wolf's" Starter and Broiler Mash...	Shelton: Wolf's Feed Store.....	8.88	20.19	20.00	6.29	7.00	4.63	4.25
7271	"Wolf's" Sweetened 16% Dairy Ration.....	Shelton: Wolf's Feed Store.....	10.30	15.94	16.00	11.30	10.00	3.43	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1946—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Pounds per hundred (or per cent)						
			Moisture	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Wolf's Feed Store,—Cont. Shelton, Conn.								
7797	"Wolf's" Sweetened 18% Dairy Ration.....	Shelton: Wolf's Feed Store.....	10.23	17.38	18.00	10.37	9.00	4.06	4.25
7796	"Wolf's" Sweetened 20% Dairy Ration.....	Shelton: Wolf's Feed Store.....	9.71	18.06	20.00	9.49	9.00	4.37	4.50
7798	"Wolf's" Sweetened 14% Fitting Ration.....	Shelton: Wolf's Feed Store.....	11.38	14.00	14.00	8.70	9.00	3.12	4.00
7269	"Wolf's" Turkey Growing Mash.....	Shelton: Wolf's Feed Store.....	10.84	18.50	22.00	6.85	7.50	3.89	4.50
7794	"Wolf's" Turkey Growing Mash.....	Shelton: Wolf's Feed Store.....	9.53	18.75	22.00	7.16	7.50	5.22	4.50
7272	"Wolf's" Turkey Starter.....	Shelton: Wolf's Feed Store.....	10.20	20.63	24.00	7.40	8.00	4.93	4.00
	The Yantic Grain & Products Co., Norwich, Conn.								
5284	Big (Y) All-In-All Egg Ration.....	Mt. Carmel: Hamden Grain Co....	10.30	16.63	15.00	6.15	7.00	3.80	3.50
8011	Big (Y) All-In-All Growing Ration...	Norwich: The Yantic Grain & Products Co.....	10.19	17.06	15.00	7.42	5.00	3.63	4.00
5517	Big (Y) Breeder Mash.....	Moosup: Moosup Grain Co.....	8.70	22.44	18.00	6.50	7.00	4.44	3.50
7109	Big (Y) Broiler Fattener.....	Torrington: Big Y Feed Store.....	11.73	16.38	15.00	5.35	6.00	3.62	3.50
5451	Big (Y) Calf Ration.....	East Haddam: East Haddam Grain Co.....	10.34	15.75	12.00	6.30	8.00	4.09	3.50
7717	Big (Y) Chick Scratch.....	Canaan: Canaan Feed Co.....	13.21	10.06	10.00	1.47	4.00	3.30	2.00
5348	Big (Y) Chick Starter.....	Willimantic: Boston Grain Co.....	9.35	19.44	20.00	7.27	6.00	4.44	3.50

5382	Big (Y) Complete Chick Starter and Broiler.....	Stepney: Stepney Big Y Feed Store	12.78	19.81	17.00	6.55	6.00	3.50	3.50
5273	Big (Y) Dairy 16%.....	Union City: Naugatuck Grain Co..	11.48	16.06	16.00	10.00	9.00	3.85	3.00
8014	Big (Y) 20% Dairy Ration.....	Norwich: The Yantic Grain and Products Co.....	10.26	22.38	20.00	8.99	9.00	4.21	3.50
5338	Big (Y) Fitting Ration.....	Middlefield: Middlefield Central Grain Co.....	11.13	12.50	14.00	7.00	9.00	3.90	3.50
5455	Big (Y) Hog and Pig Ration.....	Norwich: The Yantic Grain & Products Co.....	10.50	14.50	17.00	5.10	7.00	3.65	3.50
5450	Big (Y) Horse Feed.....	East Haddam: East Haddam Grain Co.....	10.33	11.19	9.00	7.20	8.00	4.08	2.00
7718	Big (Y) Intermediate Chick Grain...	Canaan: Canaan Feed Co.....	13.26	10.19	10.00	1.74	5.00	3.20	2.00
5251	Big (Y) M and O Growing Feed.....	East Hartford: East Hartford Grain Co.....	10.71	17.75	15.00	5.92	7.00	4.78	3.50
5250	Big (Y) M and O Laying Mash.....	East Hartford: East Hartford Grain Co.....	10.09	18.75	17.00	7.58	7.00	4.35	3.50
5381	Big (Y) Scratch Feed.....	Stepney: Stepney Big Y Feed Store	9.20	9.75	10.00	3.05	5.00	3.42	2.00
5272	Big (Y) Stock Feed.....	Union City: Naugatuck Grain Co..	9.00	9.13	9.00	16.40	14.00	2.61	3.00
8013	Big (Y) Turkey Breeder Mash.....	Norwich: The Yantic Grain & Products Co.....	9.46	20.19	20.00	7.51	7.00	4.08	4.50
8012	Big (Y) Turkey Fattener.....	Norwich: The Yantic Grain & Products Co.....	11.15	15.00	17.00	6.98	6.00	3.95	4.00
7381	Big (Y) Turkey Growing Feed.....	Thompsonville: Thompsonville Big Y Grain Co.....	10.25	18.94	18.00	7.75	7.00	4.12	3.50
7108	Big (Y) Turkey Starter.....	Torrington: Big Y Feed Store.....	10.68	19.25	18.00	10.05	6.00	3.98	3.50
8016	Coarse Wheat Bran.....	Norwich: The Yantic Grain & Products Co.....	11.12	15.25	13.50	10.85	11.00	5.52	4.00
8019	Neumond's Dried Brewers Grains...	Norwich: The Yantic Grain & Products Co.....	6.80	22.25	20.00	15.19	20.00	6.34	4.50

	Smith's Qualadee A and D Feeding Oil 400.....	Norwalk, 3/25, 396 B 111.....	1	1	.....
	Smith's Qualadee A and D Feeding Oil 400.....	Manchester, 5/15, 408-B 120.....	1	1	.....
	Smith's Qualadee A and D Feeding Oil 400.....	Shelton, 12/18, 432-B 137.....	1	1	.....
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.....	Gorton's Al-Fish Blend Senior.....	Seymour, 4/2.....	1	1	.....
	Gorton's Al-Fish Blend Junior.....	Winsted, 9/4.....	1	1	.....
	Gorton's "G. P." 400.....	Bridgeport, 12/18, 1-A-3-K.....	1	.....	1.....
	Gorton's Vitamin A and D Feeding Oil 400.....	New Haven, 2/8, 1-R-6-V.....	1	1	.....
	Gorton's Vitamin A and D Feeding Oil 400.....	Fairfield, 2/16, 1-R-4-IV.....	1	1	.....
	Gorton's Vitamin A and D Feeding Oil 400.....	Norwich, 4/1, 1-R-4-Y.....	1	1	.....
	Gorton's Vitamin A and D Feeding Oil 400.....	Norwich, 4/1, 1-R-3-Y.....	1	.....	1.....
	Gorton's Vitamin A and D Feeding Oil 400.....	Brooklyn, 12/20, 1-R-5-R.....	1	1	.....
McKesson & Robbins, Inc., Industrial Chemical Div., New York, N. Y.....	British Medicinal Cod Liver Oil—U.S.P.....	Norwalk, 11/7, M-391, Drum No. 1192.....	1	.....	1.....
National Oil Products Co., Harrison, N. J.....	Nopco 85 Vitamin D Feeding Oil.....	Guilford, 3/12, 36.....	1	1	.....
	Nopco 85 Vitamin D Feeding Oil.....	Moosup, 12/20, 10-1.....	1	1	.....
	Nopco Special Vitamin A and D Feeding Oil 800.....	Middletown, 9/11, 905-1.....	1	.....	1.....
	Nopco Special Vitamin A and D Feeding Oil 800.....	Middletown, 12/19, 909-1.....	1	1	.....
	Nopco XX Fortified Cod Liver Oil with Vitamins A and D.....	No. Franklin, 5/15, 495.....	1	1	.....
	Nopco XXX Fortified Cod Liver Oil with Vita- mins A and D.....	Guilford, 3/12, 801-1.....	1	1	.....
Silmo Sales Co., Vineland, N. J.....	Silmo XX Vitamin A and D Feeding Oil.....	Fairfield, 2/16, 4004.....	1	1	.....
	Silmo XX Vitamin A and D Feeding Oil.....	Fairfield, 2/16, 4003.....	1	1	.....
	Vit-D 400.....	Norwalk, 10/16, 404.....	1	.....	1.....
	Vit-D 400.....	Ansonia, 12/18, 41 DA 27.....	1	1	.....

TABLE 2. VITAMIN D CARRIERS—Continued

Manufacturer	Brand name and D unitage	Place, date of sampling and control number	Number of samples tested	Satisfactory	Passed	Below guaranty
E. R. Squibb & Sons, New York, N. Y.....	D-Sec 2000.....	Canaan, 10/11, 3 A 40173.....	1	1		
Vitaron Chemical Mfg. Co., New York 13, N. Y....	Fortified Cod Liver Oil 400.....	Plantsville, 12/19, 5686.....	1	1		
White Laboratories, Inc., Newark 7, N. J.....	Clo-Trate "400" Vitamin A and D Oil.....	Plantsville, 2/18, B-1227.....	1	1		
	Clo-Trate "800" A and D Feeding Oil.....	Storrs, 3/14, B-1221.....	1	1		
	Clo-Trate "Dry D" 2000.....	E. Granby, 11/21, D-159.....	1		1	
Whitmoyer Laboratories, Myerstown, Pa.....	Flav-A-Dee.....	Rockville, 3/28.....	1	1		
	Whitcod 150.....	Wallingford, 10/15, 51446.....	1	1		
	Whitcod Cod Liver Oil Fortified 400-D.....	Rockville, 3/28, 2446.....	1		1	
	Whitcod Cod Liver Oil Fortified 400-D.....	Manchester, 5/15, 4546.....	1	1		
	Total.....		46	33	8	5

TABLE 3. ANALYSES OF WET BREWERS' GRAINS

Station No.	Received from	Percentage of					
		Moisture	Ash	Protein	Fiber	Nitrogen-free extract	Fat
4826	J. P. Beach, North Haven.....	69.41	0.57	9.23	1.62	17.25	1.92
4960	G. L. Engel, Simsbury.....	63.58	1.28	12.04	1.97	18.24	2.89
4988	Connecticut Dried Grains, Colchester.....	65.31	0.64	10.31	2.20	18.64	2.90
5053	Rose Dolfonso, Colchester.....	68.12	0.73	9.69	2.33	16.37	2.76
5941	W. G. Batterton, Terryville.....	75.58	1.06	6.38	2.14	13.35	1.49
6669	E. A. Fuller, Bloomfield.....	71.70	0.74	7.68	3.25	14.41	2.12
7068	Largay Brewing Co., Inc., Waterbury.....	77.20	2.27	4.12	1.23	14.15	1.03
7561	A. R. Merrill, Storrs.....	76.11	0.86	2.74	3.09	16.61	0.59
8182	J. T. Moran, New Haven.....	73.24	0.65	8.92	2.78	12.72	1.69
	Average analysis.....	71.14	0.98	7.90	2.29	15.75	1.94

Analyses

TABLE 4. ANALYSES OF SEEDS, BERRIES, ETC.
(Potential food for wild birds)

Station No.	Scientific name	Common name	Percentage of							
			Mo isture	Ash	Protein	Fiber	Nitrogen-free extract	Fat	P ₂ O ₅	CaO
5527	<i>Abutilon Theophrasti</i>	Indian mallow	6.80	5.68	19.81	18.90	32.62	16.19	0.59	0.09
5526	<i>Acnida cannabina</i>	Tide marsh water hemp	7.21	6.57	22.19	6.10	45.74	12.19	0.45	0.10
5531	<i>Allium canadense</i>	Wild garlic (from Kentucky)	62.53	0.77	5.38	3.58	27.53	0.21	0.05	0.06
7034	<i>Boehmeria cylindrica</i>	False nettle	8.03	8.18	19.69	23.70	21.77	18.58	1.49	2.53
7035	<i>Carex</i> sp.	Sedge	10.30	4.28	11.06	21.40	48.96	3.98	0.66	0.52
5529	<i>Datura stramonium</i>	Jimson weed	4.55	3.11	17.88	42.37	16.33	15.76	0.28	0.07
7036	<i>Helianthus scaberrimus</i>	Oklahoma sunflower	5.80	2.71	18.69	27.95	26.96	17.89	0.96	0.60
5523	<i>Ipomoea hederacea</i>	Wild morning glory	6.40	3.83	17.31	17.00	43.61	11.85	0.35	0.06
7038	<i>Ipomoea purpurea</i>	Morning glory (from Kentucky)	9.75	4.14	22.00	11.60	41.77	10.74	1.24	0.50
7037	<i>Iris versicolor</i>	Blue flag	9.75	3.36	15.13	12.10	48.01	11.65	0.94	0.08
7033	<i>Lemna minor</i>	Lesser duckweed (whole plant)	10.20	11.47	20.50	10.65	45.48	1.70	0.76	1.00
5530	<i>Najas flexilis</i>	Northern Naiad	2.03	8.14	21.44	15.30	52.44	0.65	0.05	0.60
5525	<i>Panicum virgatum</i>	Switch grass	5.78	4.56	8.50	26.55	51.21	3.40	0.05	0.07
5524	<i>Potamogeton pectinatus</i>	Sago pondweed	6.17	7.05	8.31	33.70	37.86	6.91	0.19	0.07
5528	<i>Ruppia maritima</i>	Ditch grass (whole plant)	7.93	13.29	13.88	20.97	42.83	1.10	0.13	0.50
7032	<i>Vallisneria spiralis</i>	Wild celery	11.05	6.89	15.69	7.15	50.27	8.95	0.65	0.58

INDEX

	Page
Ackerman, Ward G., Altamont, N. Y.	6, 40
Acme-Evans Co., Inc., Indianapolis, Ind.	6
Acme Milling Co., Olean, N. Y.	6, 40
Adams Co., C. L., (By Park & Pollard Co.)	7, 78
Albers Milling Co., Seattle 4, Wash.	7, 40
Allied Mills, Inc., Chicago, Ill.	7, 40
American Maize-Products Co., New York, N. Y.	7
Archer-Daniels-Midland Co., Minneapolis 2, Minn.	7, 41
Ashcraft-Wilkinson Co., Atlanta, Ga.	7
Atlantic Supply Co., The, Baltimore, Md.	7
Bailey & Co., E. W., Montpelier, Vt.	7, 8, 41, 42
Balin & Co., N., Passaic, N. J.	8
Bay State Milling Co., Winona, Minn.	8
Beacon Milling Co., Inc., The, Cayuga, N. Y.	8, 42
Benson Feed Mills, Inc., Omaha 4, Neb.	8, 43
Berkman Grain & Coal Co., The, No. Franklin, Conn.	9, 43
Best Foods, Inc., The, Buffalo 3, N. Y.	9
Biological Specimens Examined for Poisons	38
Blatchford Calf Meal Co., Waukegan, Ill.	9, 43, 44
Blatchley & Ballard, Inc., Middletown, Conn.	9, 44
Blue Banner Feed Co., East St. Louis, Ill.	9, 44
Borden Co., The, New York 17, N. Y.	9, 32, 45, 100
Bradley & Baker, New York, N. Y.	9, 45
Broder & Co., L., Colchester, Conn.	9, 45
Brooklawn Grain & Feed Co., The, Bridgeport, Conn.	9, 45
Buckeye Cotton Oil Co., The, Cincinnati 1, Ohio	9
Campbell Co., The C. W., Pawcatuck, Conn.	9, 45
Caple Co., The A. B., Toledo, Ohio	10, 46
Center Milk Products Co., Middlebury Center, Pa.	10, 46
Central Alfalfa, Lexington, Neb.	10
Central Conn. Co-Op. Farmers' Assoc., Inc., Manchester, Conn.	10, 46
Central Soya Co., Inc., Fort Wayne 2, Ind.	10, 47
Cerophyl Laboratories, Inc., Kansas City, Mo.	10
Checkerboard Feed Stores (By Ralston Purina Co.)	10, 83
Clinton Co., Clinton, Iowa	10, 47
Coatsworth & Cooper, Ltd., Toronto, Ont., Canada	10
Colonial Feed Dealers Co-Op. Assoc., Inc., La Rose, Ill.	10
Commander-Larabee Milling Co., Minneapolis, Minn.	10, 47
Community Service, Inc., Canaan, Conn.	10, 47
Connecticut Dried Grains, Colchester, Conn.	10, 47
Consolidated Products Co., Danville, Ill.	10, 48
Consolidated Rendering Co., Boston 10, Mass.	11, 48
Continental Distilling Corp., Philadelphia, Pa.	11, 48
Cooper Co., The, O. A., Humboldt, Neb.	11, 49
Corn Products Refining Co., New York 4, N. Y.	11, 49
Cowles, C. A., Inc., Plantsville, Conn.	11, 49, 50
Cox Co., Chas. M., Boston 9, Mass.	11, 12, 50
Crawford Bros., Inc., Walton, N. Y.	12, 52
Crookston Milling Co., The, Crookston, Minn.	12, 52
Cutler, P., Inc., Colchester, Conn.	12, 53
Dailey Mills, Inc., Olean, N. Y.	12, 13, 53, 54
Dairymen's League Co-Op. Assoc., Inc., Utica, N. Y.	13
Davis & Son, R. G., New Haven, Conn.	13, 54
Dawe's Manufacturing Co., Chicago 32, Ill.	13, 32, 54, 100
Dawson County Feed Products Co., Lexington, Neb.	13, 55
Decatur Milling Co., Inc., Decatur, Ill.	13

	Page
Delaware Mills, Inc., Deposit, N. Y.	13, 55
Derby Feed Store, Derby, Conn.	13, 55
Derwood Mill, The, Derwood, Md.	13
Dietrich & Gambrell, Inc., Frederick, Md.	14, 55
Drackett Products Co., The, Cincinnati 32, Ohio	14, 56
Eagle Roller Mill Co., New Ulm, Minn.	14, 56
Eastern States Farmers' Exchange, West Springfield, Mass.	14, 33, 56, 100
Eckert Milling Co., B. A., Chicago 7, Ill.	14, 57
Einhorn's Grain Store, Colchester, Conn.	14, 57
Elmore Milling Co., Inc., Oneonta, N. Y.	15, 58
Eshelman & Sons, John W., Lancaster, Pa.	15, 59, 60
Eureka Mills, St. Louis, Mo.	16
Faesy & Besthoff, Inc., New York, N. Y.	16
Farmers Feed Co., New York, N. Y.	16, 60
Farmers Milling Co., Inc., The, Rockville, Conn.	16, 61
Federal Mill, Inc., Lockport, N. Y.	16
Feed Law, The	
Feeding stuffs	3
examined for injurious ingredients	35
inspection	34
Fernando Alfalfa Milling Co., Van Nuys, Calif.	16
Finger Lakes & Hudson Flour Mills, Inc., Geneva and Troy, N. Y.	16, 61
First National Stores, Inc., Somerville, Ma s.	16, 61
Flambeau Milling Co., Phillips, Wis.	16, 61
Flory Milling Co., Inc., Bangor, Pa.	16, 61, 62
Forbes Bros.—Central Mills Corp., Topeka, Kan.	17
Fox Co., The, Newfield, N. J.	17, 62
Funk Bros. Seed Co., Bloomington, Ill.	17
Garland & Son., Inc., J. B., Worcester, Mass.	17, 63
Gates Milling Co., J. I., The, Columbus, Ohio	17, 63
Gateway Hay Co., No. Platte, Neb.	17
Gateway Milling Assoc., Inc., Buffalo 13, N. Y.	17, 63
General Foods Corp., Corn Mill Division, Kankakee, Ill.	17
General Mills, Inc., Larowe Div., Detroit, Mich.	17, 64
General Mills, Inc., Minneapolis 15, Minn.	17, 63
Getek Industrial & Agricultural Supplies Corp., New York 20, N. Y.	18
Glidden Co., Feed Mill Div., The, Indianapolis 6, Ind.	18, 64
Glidden Co., Soya Products Div., The, Chicago 39, Ill.	18, 65
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.	18, 33, 65, 101
Grandin Milling Co., D. H., Jamestown, N. Y.	18, 65
Granger Feed Mill, Granger, Ind.	18, 65
Great Atlantic & Pacific Tea Co., The, Minneapolis 4, Minn.	18, 66
Greenport Feed Corp., Astoria 2, N. Y.	18, 66
Greenville Oil Works, Greenville, Miss.	19
Gwinn Milling Co., The, Columbus 9, Ohio	19
Hales & Hunter Co., Chicago 4, Ill.	19, 66
Hall, A. E., Wallingford, Conn.	19, 67
Harper Feed Mills, Inc., Washington, Pa.	19, 67
Henkel Flour Mills, Div. of International Mlg. Co., The, Detroit, Mich.	19, 68
Highland Grain & Feed, Stratford, Conn.	19, 68
Hollandale Cotton Oil Mill, Hollandale, Miss.	20
Hood Mills Co., Baltimore, Md.	20
Hubinger Co., The, Keokuk, Iowa	20, 68
Illinois Cereal Mills, Inc., Paris, Ill.	20, 69
Independent Feed Store, Norwalk, Conn.	20, 69
Interstate Farmers Cooperative Exchange, Inc., Moosup, Conn.	20, 69
Kasco Mills, Inc., Waverly, N. Y.	20, 69
Kellogg Co., Battle Creek, Mich.	20, 69
Kellogg & Sons, Spencer, Inc., Buffalo 5, N. Y.	20, 70
Koelsch Grain Co., Charles, Inc., Boston, Mass.	20
Krause Milling Co., Chas. A., Milwaukee 1, Wis.	20, 70

	Page
Larabee Flour Mills Co., The, Kansas City 6, Mo.....	20, 70
Latimer, E. W., So. Coventry, Conn.....	20, 70
Lauhoff Grain Co., Danville, Ill.....	20, 71
Levson & Sons, P., Middletown, Conn.....	21, 71
Libner Grain Co., Inc., Norwalk, Conn.....	21, 71
Lines Co., C. W., New Britain, Conn.....	21, 72
Litchfield County Co-Op. Assoc., The, Torrington, Conn.....	21
Long Hill Feed Store, The, Long Hill, Conn.....	21, 72
Maine Fish Meal Co., Portland, Me.....	21, 33
Manchester & Sons, E., Winsted, Conn.....	21, 72
Maritime Milling Co., Inc., Buffalo 2, N. Y.....	21, 22, 72
Martenis Grain Co., C. J., New York 4, N. Y.....	22, 73
Meech & Stoddard, Inc., Middletown, Conn.....	22, 73, 74
Mid-West Mill, Abilene, Kan.....	22
Miller Feed Mills, F. R., Omaha, Neb.....	22
Miner-Hillard Milling Co., Wilkes-Barre, Pa.....	22, 74
Miscellaneous feeds.....	35
Moon & Co., Geo. Q., Inc., Binghamton, N. Y.....	22, 75
Morse & Son, Fred C., Guilford, Conn.....	22, 75
Moses Bros. Co., Inc., Eaton, N. Y.....	23, 75
Mutual Products Co., Minneapolis 1, Minn.....	23
National Alfalfa Dehydrating & Milling Co., Lamar, Colo.....	23
National Distillers Products Corp., New York 5, N. Y.....	23, 76
National Lead Co., New York 6, N. Y.....	23, 76
National Milling Branch of National Biscuit Co., Toledo, Ohio.....	23
Newton Concentrates, Ashburnham, Mass.....	23, 76
North Dakota Mill & Elevator, Grand Forks, N. D.....	23, 77
Northwest Distributing Co., Inc., Colby, Wis.....	23, 77
Northwestern Yeast Co., Chicago 22, Ill.....	23
Ogden Grain Co., Utica, N. Y.....	23, 77
Oswego Soy Products Corp., Oswego, N. Y.....	24, 77
Pabst Brewing Co., Milwaukee, Wis.....	24
Park & Pollard Co., The, Buffalo, N. Y.....	24, 78
Parrish & Heimbecker, Ltd., Toronto, Canada.....	24, 79
Pasco Packing Co., Dade City, Fla.....	24, 79
Patent Cereals Co., Geneva, N. Y.....	24, 80
Pecos Valley Alfalfa Mill Co., Chandler, Ariz.....	24, 80
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.....	24
Pierce, A. D., Brooklyn, Conn.....	24, 80
Pierce Grain Corp., Buffalo 10, N. Y.....	24, 80
Pillsbury Mills, Inc., Minneapolis 2, Minn.....	25, 80
Pittsburgh Plate Glass Co., Linseed Oil Div., Newark, N. J.....	25
Pratt Food Co., Buffalo 10, N. Y.....	25, 81
Premar Corp., New York 6, N. Y.....	25, 81
Proctor & Gamble Distributing Co., Cincinnati, Ohio.....	25
Publicker Industries, Inc., Philadelphia 2, Pa.....	25
Quaker Oats Co., Chicago 4, Ill.....	25, 26, 82
Ralston Purina Co., St. Louis, Mo.....	26, 83, 84
Reardon & Sons, John, Division of Wilson & Co., Inc., Cambridge, Mass.....	27, 85
Registrations.....	6
Reliable Grain & Fuel Co., Ansonia, Conn.....	27, 85
Rex Grain & Milling Co., Inc., Buffalo 4, N. Y.....	27, 86
Riverdale Products Co., Chicago, Ill.....	27, 86
Rodney Milling Co., Kansas City, Mo.....	27, 86
Rollins & Sons, E. H., Inc., Granby, Conn.....	27, 86
Roux Feed Mills, Sharon, Pa.—Burghill, Ohio.....	27, 87
Rubin Co., H. M., Inc., Long Island City, N. Y.....	27, 87
Russell-Miller Milling Co., Minneapolis, Minn.....	27, 87
Ryde & Co., Chicago 50, Ill.....	27, 87

	Page
Savitt Grain Exchange, Bridgeport 4, Conn.	28, 87
Schenley Distilleries, Inc., Grain Dept., New York 1, N. Y.	28, 88
Schoeneck Farms, Inc., Nazareth, Pa.	28, 88
Schuyler Milling Co., Schuyler, Neb.	28
Sea Board Supply Co., Philadelphia 6, Pa.	28, 88
Seagram & Sons, Jos. E., Inc., Louisville, Ky.	28
Seymour Grain & Coal Co., Seymour, Conn.	28, 88
Shearer's Dried Milk Products Corp., Philadelphia, Pa.	28
Shedd Co., The A. E., Norwich, Conn.	28, 89
Shellabarger Feed Mills, Salina, Kan.	28
Sherwin-Williams Co., The, Cleveland 1, Ohio	28, 89
Small Co., W. J., The, Inc., Kansas City, Kan.	28
Smith Meal Co., Inc., Amagansett, N. Y.	28, 90
Southwestern Sugar & Molasses Co., McAllen, Tex.	29
Staley Mfg. Co., A. E., Decatur, Ill.	29, 90
Standard Industries, Inc., Baltimore 5, Md.	29
Standard Milling Co., Chicago 6, Ill.	29, 90
Stickell & Sons, D. A., Inc., Hagerstown, Md.	29, 91
Stone & Sons, H. H., Southbury, Conn.	29, 91
Stratton & Co., Concord, N. H.	29, 91
Swift & Co., Union Stock Yards, Chicago 9, Ill.	29
Swift & Co., Soybean Mill, Champaign, Ill.	29
Thomaston Supply Co., Inc., The, Thomaston, Conn.	29, 92
Tioga Mills, Inc., Waverly, N. Y.	30, 92
Trinley & Sons, Jacob, Inc., Linfield, Pa.	30
Union Sales Corp. of Union Starch & Refining Co., Columbus, Ind.	30, 93
United Co-Op. Farmers, Inc., Fitchburg, Mass.	30, 93
Unity Feeds, Inc., Boston, Mass.	30, 93, 94
Valley Dehydrating Co., Kingsburg, Calif.	30, 94
Van Iderstine Co., The, Long Island City, N. Y.	30, 94
Vitamin D Carriers.	32, 35, 100
Walker & Sons, Hiram, Inc., Peoria 1, Ill.	30
Wapsie Valley Feed Co., Independence, Iowa.	30, 94
Watertown Co-Op. Assoc., Inc., The, Watertown, Conn.	31, 95
Wayne County Grangers Feed Corp., Clyde, N. Y.	31, 95
Webster Co., H. K., Lawrence, Mass.	31, 95, 96
Western Condensing Co., Petaluma, Calif.	31
West-Nesbitt, Inc., Oneonta, N. Y.	31, 97
Wet Brewers' Grains.	36, 103
Wild Bird Feed.	38, 104
Wilkins-Rogers Milling Co., Inc., Washington, D. C.	31, 97
Wolf's Feed Store, Shelton, Conn.	32, 97, 98
Yantic Grain & Products Co., Norwich, Conn.	32, 98