

REPORT ON INSPECTION
COMMERCIAL FEEDING STUFFS
1929



Connecticut
Agricultural Experiment Station
New Haven

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REGISTRATION OF FEEDS

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

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

REPORT ON INSPECTION COMMERCIAL FEEDING STUFFS

E. M. BAILEY

THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in a special bulletin, No. 60.¹

Some essential provisions of the law and the regulations may be briefly restated here.

Exemptions. It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing over 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manu-

NOTE: Analyses were made by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Yale; inspection and sampling by Mr. Churchill; and the compilations largely by Mrs. Vosburgh.

¹ Bull. Imm. Inf. 60, June, 1927.

facturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

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

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

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

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

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

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

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under that law which applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFF

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

The term *crude protein* denotes those nutrients that contain

nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

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

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

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

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

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

REGISTRATIONS

For the period January 1, 1929, to December 31, 1929.

One hundred and seventy-two firms and individuals have registered 876 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

American Agricultural Chemical Co., New Haven Sales Dept., New Haven, Conn.

"Capital Meat and Bone Scrap"

"Protox Meat and Bone Scrap"

American Maize-Products Co., 41 East 42d St., New York City.

Cream of Corn Gluten Feed

American Milling Co., Peoria, Ill.

Amco Calf Meal

Amco Corn Feed Meal

Amco Cracked Corn

Amco Egg Mash

Amco Egg Mash with Dried Buttermilk

Amco 18% Dairy Ration (Flexible Formula)

Amco Hog Profit Feed

Amco Horse Feed

Amco June Pasture Alfalfa and Molasses

Amco Laying Mash with Alfalfa Leaf Meal

Amco Provender Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$

Amco Scratch Grains No. 1 Formula

Amco Scratch Grains No. 2 Formula
Amco Starting and Growing Mash with Dried Buttermilk
Amco 24% Batch Mix
Amco 20% Dairy Ration (Flexible Formula)
Amco 24% Dairy Ration (Flexible Formula)
Amco 12% Fitting Ration
Amco 28% Supplement Pig Meal

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

Advanced Registry Dairy
Arcady Besbet Laying Mash
Arcady Scratch Grains
Arcady Stock Feed
Milkers Ready Ration
Old Colony Feed
Peerless Milk Ration
Producers Ready Ration
Sweet 16 Dairy Feed
Wonder Dairy Ration
Wonder Horse and Mule Feed
Wonder Sweet Lasses Feed

Archer-Daniels Midland Co., Minneapolis, Minn.

Pure Old Process Linseed Meal, 32%
Pure Old Process Linseed Meal, 34%

Ashcraft-Wilkinson Co., Atlanta, Ga.

Helmet Brand—Prime Cottonseed Meal
Monarch Brand—Prime Cottonseed Meal
Paramount Brand—Prime Cottonseed Meal

**Atlantic Coast Fisheries Corp. of New York, 16 Exchange Place,
New York City.**

"Atco Fish Meal"

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

Bailey's Open Formula 20% Dairy Feed
Bailey's Open Formula 24% Dairy Feed
Capital Dairy Ration
Capital Dairy Ration, Sweetened
Capital Mixed Feed
Favorite Dairy Ration
Favorite Dairy Ration, Sweetened
"Our Own" Dairy Ration
Pennant Scratch Feed
Pennant Stock Feed

Bay State Milling Co., Winona, Minn.

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

Beach Soap Co., Lawrence, Mass.

Beach's Star Brand Beef Scraps

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

Auburn Dairy Feed
Auburn Scratch Feed
Beacon Breeders Mash with Buttermilk
Beacon Broiler Feed
Beacon Calf Meal
Beacon Chick Feed
Beacon Complete Starting Ration
Beacon Dairy Ration
Beacon Developer Feed
Beacon Duck Fattener
Beacon Duck Starter
Beacon Egg Mash with Buttermilk
Beacon Growing Mash
Beacon Hog Feed
Beacon Horse Feed
Beacon Laying Mash
Beacon Scratch Grains
Beacon Special Scratch Grains
Beacon Starting Mash
Beacon Sweet "24"
Beacon Turkey Growing Mash
Be-Co-Lass
Cayuga Growing Mash
Cayuga Laying Mash with Buttermilk
Cayuga Stock Feed
Chariot Chick Feed
Chariot Developer Feed
Chariot Horse Feed

Ira W. Beers, Hamden, Conn.

Beers' Laying Mash
Beers' Scratch Feed

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

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

Success Dairy Ration

Bristol Grain and Supply Co., Bristol, Conn.

Bristol Mash
Bristol Scratch Feed

F. W. Brode Corp., Memphis, Tenn.

"Owl Brand" 41 Cottonseed Meal
"Owl Brand" 43 Cottonseed Meal
"Owl Brand" 36 Cottonseed Meal

L. Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

C. Buckingham & Co., Southport, Conn.

C. B. Dairy Feed
C. B. Growing Mash
C. B. Mash
C. B. Scratch Feed

C. E. Buell, Inc., 131 State St., Boston, Mass.

Buell-Boston Dried Skim Milk

Buffalo Flour Mills Corp., Buffalo, N. Y.

Wheat Bran

C. W. Burckhalter, Inc., 233 Broadway, New York City.

Burck-Brand Powdered Skim Milk

California Hawaiian Milling Co., San Francisco, Calif.

Chicken Greens

C. W. Campbell Co., Stonington, Conn.

Egg-O Dry Mash

Egg-O Scratch Feed

No-Botheration Dairy Ration

Provender

Xtra Vim Molasses Horse Feed

The Canada Linseed Oil Mills, Ltd., Montreal, Can.

"Maple Leaf" Linseed Oilcake Meal, 34%

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

Alfalfa Meal

Chapin & Company, Hammond, Ind.

Ajax Dairy Ration 16%

Ajax Dairy Ration 20%

Ajax Dairy Ration 24%

Ajax Horse Feed

Ajax Egg Mash

Ajax Scratch Feed

Centaur Fitting Ration

Chapin Kernels Grow-All

Chapin Kernels Lay-All

Chapin Kernels Start-All

Unicorn Chick Starter (with Buttermilk)

Unicorn Coarse Chick

Unicorn Dairy Ration

Unicorn Egg Mash (with Buttermilk)

Unicorn Fine Chick

Unicorn Scratch Feed

Clinton Corn Syrup Refining Co., Clinton, Iowa.

Clinton Corn Gluten Feed

Clyde Renco Milling Corp., Clyde, N. Y.

Grange Sweetened 16% Dairy Feed

Renco Farmer's Special Sweetened Feed

Renco Makempay Sweetened Feed

Coles Company, Middletown, Conn.

Fortune Chick Starter

Fortune Egg Mash with Dried Buttermilk

Fortune Growing Feed

Fortune Intermediate Scratch

Fortune Scratch Feed

Fortune Stock Feed

Fortune 20% Molasses Dairy Feed

Fortune 24% Molasses Dairy Feed

Collis Products Co., Clinton, Iowa.

Collis Process Pure Dried Buttermilk
Collis Process Pure Dried Skim Milk

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

Conkey's All Grain Horse and Mule Feed
Conkey's Chick Grains
Conkey's Dairy Ration 24% Protein
Conkey's Easy-Mix Rabbit Ration with Y-O
Conkey's Gecco Chick Grains
Conkey's Gecco Dairy Ration 20% Protein
Conkey's Gecco Egg Mash
Conkey's Gecco Egg Mash with Y-O
Conkey's Gecco Growing Grains
Conkey's Gecco Growing Mash
Conkey's Gecco Growing Mash with Buttermilk and Y-O
Conkey's Gecco Scratch Grains
Conkey's Growing Grains
Conkey's (The Original) Laying Mash with Buttermilk
Conkey's Scratch Grains
Conkey's (The Original) Starting Feed with Buttermilk and Y-O
Conkey's Red Seal Dairy Ration 16% Protein
Conkey's Red Seal Scratch Grains
Superior Scratch Grains

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

Conn. Fat Rend. & Fertz. Corp. Meat Trimmings

Consolidated By-Product Co., 30th and Race Sts., Philadelphia, Pa.

Consolidated Beef and Bone Scrap

Consolidated Rendering Co., Boston, Mass.

Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

Coöperative GLF Exchange, Inc., Peoria, Ill.

GLF Super Exchange Dairy
GLF Super Milk Maker

Copeland Flour Mills, Ltd., Midland, Ont.

Copeland's Dandy Bran
Copeland's Dandy Shorts

Corn Products Refining Co., 17 Battery Place, New York City.

Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

C. A. Cowles, Plantsville, Conn.

C. A. Blue Seal Mash
Cowles Scratch
Cowles 20% Dairy Ration
Cowles 24% Dairy Ration

Charles M. Cox Co., Boston, Mass.

Linseed Meal (Sherwin Williams Co. of Canada, Ltd.)
Rex Wheat Middlings (Maple Leaf Milling Co., Ltd., Toronto, Ont.)
Wheat Bran (Maple Leaf Milling Co., Ltd., Toronto, Ont.)

Crosby Milling Co., Brattleboro, Vt.

Crosby's Balanced Ration
Crosby's Buttermilk Baby Chick Food
Crosby's Egg Mash
Crosby's Gritless Chick Feed
Crosby's Growing Feed
Crosby's Intermediate Chick Feed
Crosby's Mixed Feed
Crosby's Ready Ration
Crosby's Scratch Feed
Crosby's Stock Feed
Crosby's Sweetened Ready Ration
Crosby's 22% Dairy Feed

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

Basic Dairy Ration
Davis Buttermilk Mash
Davis Horse Feed
Davis No. 1 Provender
Davis Scratch Feed
Davis Stock Feed
20% Open Formula

Decatur Milling Co., Decatur, Ill.

Homco Hominy Feed

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

Delaware Chick Grains
Delaware Chick Starting Mash
Delaware Dairy Feed
Delaware Growing Mash (with Dried Buttermilk)
Delaware Laying Mash (with Dried Buttermilk)
Delaware Scratch Grains
Delaware Stock Feed
Delco 20% Dairy Feed
Double Circle Scratch Grains
Indian Laying Mash (with Dried Buttermilk)
Indian Scratch Grains

Denver Alfalfa Milling and Products Co., Lamar, Colo.

Alfalfa Leaf Meal (Leafalfa Brand)
Alfalfa Meal

Dewey Bros. Co., Blanchester, Ohio.

Corn Distillers Dried Grains

The Dominion Flour Mills, Ltd., Montreal, Que.

Wheat Bran
Wheat Shorts

Dry Milk Co., 15 Park Row, New York City.

Chikora

Duluth-Superior Milling Co., Duluth, Minn.

Boston Mixed Feed
Duluth Imperial Wheat Bran

Eastern Grain Co., Bridgewater, Mass.

Pure Dried Skim Milk Powder

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States Calf Ration
 Eastern States Cottonseed Meal 41%
 Eastern States Egg Mash Open Formula
 Eastern States Fitting Ration Open Formula
 Eastern States Fulpail Dairy Ration Open Formula
 Eastern States Horse Feed Open Formula
 Eastern States Milk Egg Mash Open Formula
 Eastern States Milkmore Dairy Ration Open Formula
 Eastern States Scratch Grains W/Coarse Cracked Corn Open Formula
 Eastern States Sixteen Open Formula Dairy Ration
 Eastern States Starting and Growing Mash Open Formula

S. T. Edwards and Co., Inc., Chicago, Ill.

Yankee Dried Buttermilk
 Butterfly Dried Skimmed Milk

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

Chixsaver
 Elmore Egg Mash
 Elmore's Hog Ration
 Elmore Horse Feed with Molasses
 Elmore (Storrs' Formula) Laying Mash
 Elmore's Makemgrow Little Pig Ration
 Elmore Milk Grains
 Elmore Scratch Feed
 Elmore Stock Feed
 Elmore's Sweet Digesto Dairy Feed
 Elmore "Three Point" Calf Meal
 Elmore-Waldorf Formula
 Elmore's "Xtragood" Wheat Feed
 Emco Feed
 Emco Scratch Feed
 Granger Open-Formula Ration
 Otsego Economy Ration

John W. Eshelman and Sons, Lancaster, Pa.

Eshelman's Baby Chick Starter
 Eshelman's Chick Feed
 Eshelman Certified Fitting Ration
 Eshelman Certified 20% Dairy Ration
 Eshelman Certified 24% Dairy Ration
 Eshelman's Conestoga 18 Dairy Feed
 Eshelman's Fattening Mash
 Eshelman's Golden Rod 25 Dairy Feed
 Eshelman's Growing Mash
 Eshelman's Lancaster 20 Dairy Feed
 Eshelman's Lancaster 60 Horse Feed
 Eshelman's Laying Mash
 Eshelman's Open Formula 20 Dairy Feed
 Eshelman's Pennsy 16 Dairy Feed
 Eshelman's Red Rose 24 Dairy Feed
 Eshelman's Red Rose 85 Horse Feed
 Eshelman's Scratch Feed
 Eshelman's Stock Feed

Eshelman's Thoroughbred Horse Feed
Eshelman's Wheat Flour Middlings
Eshelman's Wheat Red Dog
Eshelman Sack of Silage
Eshelman's Susquehanna Dairy Feed
Imperial Scratch Feed
Lancaster Scratch Feed
Liberty Horse Feed
Pennsy Laying Mash
Pennsy Scratch Feed

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed

Fairchild Milling Co., Cleveland, Ohio.

Special Fine Middlings
Standard Middlings
Wheat Bran

Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

Farmers Feed Co., 532 East 76th St., New York City.

"Bull Brand" Dried Brewers Grains

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

Cream-O-Milk Dairy Feed
Flory's Baby Chick Feed
Flory's Chick Starter
Flory's Egg Mash
Flory's Horse Feed
Flory's Scratch Feed
Golden Egg Laying Mash
National Cow Feed
Record Dairy Feed
Special Stock Feed
Sunray Scratch Feed

A. W. Forbes, East Haven, Conn.

R-Own Dairy Ration
R-Own Laying Mash
R-Own Scratch Feed

The L. T. Frisbie Co., New Haven, Conn.

Frisbie's Poultry Feed 45%
Frisbie's Poultry Feed 50%
Frisbie's Poultry Feed 55%

General Mills, Inc., Minneapolis, Minn.

Gold Medal Corn and Oat Feed No. 2
Gold Medal Hominy Feed (Guaranteed Pure)
North Star Scratch Feed—No Grit
Sonny South Hominy Feed (Louisville Milling Co., Inc.)
Washburn's Gold Medal Chick Feed—No Grit
Washburn's Gold Medal Chick Starter (with Dried Buttermilk)
Washburn's Gold Medal Developing Feed—No Grit
Washburn's Gold Medal Fancy Mixed Feed
Washburn's Gold Medal Growing Mash (with Dried Buttermilk)
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings

Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog
Washburn's Gold Medal Scratch Feed—No Grit
Washburn's Gold Medal Vitamin Dairy Ration, containing Wheat Germ (Embryo)
Washburn's Gold Medal Vitamin Dairy Ration (24% Protein)
Washburn's Gold Medal Vitamin Egg Mash, containing Wheat Germ (Embryo)

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

Grandin's Baby Chick Feed
Grandin's Baby Chick Starter with Buttermilk
Grandin's Growing Feed
Grandin's Intermediate Chick Feed
Grandin's Laying Mash with Buttermilk
Grandin's Screened Scratch Feed
Grandin's Stock Food
Grandin's Sweetened 12 Twin Six 12 Dairy Feed
Grandin's Sweetened 20% Dairy Feed
Grandin's Sweetened 24% Dairy Feed

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

Gorton's Codfish Meal

Hafleigh & Company, Philadelphia, Pa.

Pure Raw Edible Bone Meal

Hales and Hunter Co., 327 So. LaSalle St., Chicago, Ill.

College Horse Feed
H & H Dairy Ration
Kingfalfa Horse Feed
Pioneer Hog Feed
Red Comb Chick Starter with Dried Buttermilk
Red Comb Duck Fattener
Red Comb Duck Grower
Red Comb Egg Mash with Dried Buttermilk
Red Comb Growing Mash with Dried Buttermilk
Red Comb Scratch Feed

William Hamilton & Son, Inc., Caledonia, Livingston Co., N. Y.

Wheat Bran
Wheat Middlings

The Hecker H-O Company, Inc., Buffalo, N. Y.

Re-Ground Oat Feed

Hecker-Jones-Jewell Milling Co., 40 Corlears St., New York City.

Choice Wheat Bran
H Wheat Middlings
Red Dog Flour
(Buffalo Mill)
Choice Wheat Bran
Extra Heavy Wheat Mixed Feed
Wheat Flour Middlings
Wheat Red Dog Flour
Wheat Standard Middlings

- The J. C. Hubinger Bros. Co., Keokuk, Iowa.**
Ke Ok uk Corn Gluten Feed
- L. W. Hudson, Windsor, Conn.**
"Hudson's" Cow Feed
"Hudson's" Developing Mash
"Hudson's" Laying Mash
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Danish Brand Cottonseed Feed
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Blackhawk Wheat Flour Middlings
Blackhawk Wheat Low Grade Flour
Blackhawk Wheat Standard Middlings
- Jersee Co., Minneapolis, Minn.**
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Just Right Egg Mash
Just Right Growing Mash
- Judith Milling Company, Lewistown, Mont.**
Wheat Mixed Feed
- The Kansas Flour Mills Corp., Kansas City, Mo.**
Big Flake Pure Wheat Bran
- Kasco Mills, Inc., Waverly, N. Y.**
Apex Milk Maker
Beatsall Milk Grains
- Kellogg Co., Battle Creek, Mich.**
White Hominy Feed
- Kelloggs and Miller, Inc., Amsterdam, N. Y.**
Pure Old Process Linseed Oil Meal
- Spencer Kellogg and Sons, Inc., Buffalo, N. Y.**
Kellogg's Pure Old Process Linseed Meal 32%
Kellogg's Pure Old Process Linseed Meal 34%
- H. H. King Flour Mills Co., Minneapolis, Minn.**
"Gold Mine" Feed
- Chas. A. Krause Milling Co., Milwaukee, Wis.**
Badger Corn Meal (Corn Feed Meal)
Badger Horse and Mule Feed
Badger 16½% Sweet Dairy
Badger Stock Feed
Badger White Hominy Feed
Badger Yellow Hominy Feed
Blue Top Chick Feed
Blue Top Egg Mash
Blue Top Scratch Feed
Cream City Scratch Feed

S. F. Labieniec, Kensington, Conn.

Dry Mash

Land O'Lakes Creameries, Inc., Minneapolis, Minn.Land O'Lakes Dried Buttermilk
Land O'Lakes Dried Skimmilk**The Larabee Flour Mills Co., Kansas City, Mo.**Pure Winter Wheat Bran
Winter Wheat Bran and Wheat Screenings**The Larowe Milling Co., Box 68, North End Station, Detroit, Mich.**California Dried Beet Pulp
Dried Beet Pulp
Dried Molasses Beet Pulp
41% Protein Cottonseed Meal Prime Quality
Larro Brand Choice Cottonseed Meal
Larro Chick Grains
Larro Chick Starter
Larro Egg Mash
Larro Growing Grains
Larro Growing Mash
Larro Hog Feed
Larro Scratch Grains
Larro—The Ready Ration for Dairy Cows**C. W. Lines Co., 173 Chestnut St., New Britain, Conn.**Homestead Dry Mash
Homestead Scratch Feed
Mill Pride Dairy Ration
Mill Pride Fancy Scratch Feed
Mill Pride Milk Mash**Litchfield County Coöp. Asso., Torrington, Conn.**Common Sense Dairy¹
Common Sense Growing Mash
Common Sense Laying Mash**Long Hill Feed Store, Long Hill, Conn.**Square Deal Buttermilk Laying Mash
Square Deal Dairy Ration**L. B. Lovitt and Co., Memphis, Tenn.**"Lovit Brand" 36% Cottonseed Meal
"Lovit Brand" 41% Cottonseed Meal
"Lovit Brand" 43% Cottonseed Meal**E. Manchester & Sons, Winsted, Conn.**Huntington Red Star Egg Mash
Red Star Dairy Feed
Red Star Egg Mash
Red Star Flour Middlings
Red Star Mixed Feed
Red Star Scratch Feed
Red Star Special Dairy Feed
Red Star Starting and Growing Mash¹ Substituted for Common Sense Scratch Feed.

The Mann Bros. Co., Buffalo, N. Y.

The Mann Bros. Co., Pure Old Process Linseed Meal 32%
The Mann Bros. Co., Pure Old Process Linseed Meal 34%

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

Bull Brand All Mash Chick Starter Ration with Dried Buttermilk and Cod Liver Oil
Bull Brand All Mash Growing Ration with Dried Buttermilk and Cod Liver Oil
Bull Brand Chop Feed
Bull Brand Chick Feed
Bull Brand Chick Starter with Dried Buttermilk and Cod Liver Oil
Bull Brand Dairy Ration
Bull Brand Dairy Ration, Sweetened
Bull Brand Daisy Scratch Feed
Bull Brand Developing Feed
Bull Brand Growing Mash with Dried Buttermilk and Cod Liver Oil
Bull Brand Heavy Mixed Feed
Bull Brand Hi-Test Dairy Feed, Sweetened
Bull Brand Horse Feed with Molasses
Bull Brand Laying Mash with Dried Buttermilk
Bull Brand Marmico Dairy Feed with Molasses
Bull Brand Red-E-Mixt Dairy Feed, Sweetened
Bull Brand Red-E-Mixt Egg Mash
Bull Brand Scratch Feed
Bull Brand Stock Feed
Bull Brand Wheat Flour Middlings
Jersey Dry Mash

A. G. Markham and Co., Springfield, Mass.

Cooked Meat and Bone Scrap 45%
Cooked Meat and Bone Scrap 50%

The Geo. E. Marsh Co., Lynn, Mass.

Marsh's Diamond Special Scraps for Poultry
Marsh's Pure Ground Scraps for Poultry

C. J. Martinis Grain Co., L-3 Produce Exchange, New York City.

Alco Dried Brewers Grains
Alco Dried Distillers Grains

Meador Milling Co., Inc., Hoboken, N. J.

Green Velvet Feed
Purifine Linseed Oil Meal

Meech and Stoddard, Inc., Middletown, Conn.

Red Wing Dairy Ration
Red Wing Dairy Ration 20% with Brewers Grains
Red Wing Dairy Ration 24% with Brewers Grains
Red Wing Mixed Feed
Red Wing Molasses Horse Feed
Red Wing Special Buttermilk Chick Starter
Red Wing Special Buttermilk Growing Feed
Red Wing Special Buttermilk Laying Mash
Red Wing Special Chick Feed
Red Wing Special Dairy Ration
Red Wing Special Intermediate Chick Feed
Red Wing Special Scratch Feed
Red Wing Stock Feed

Memphis, Cottonseed Products Co., Memphis, Tenn.

Durham Thirtysix Cottonseed Meal
 Durham Fortyone Cottonseed Meal
 Durham Fortythree Cottonseed Meal

Mennel Milling Co., Toledo, Ohio.

Corn Feed Meal
 Memo All Grain Horse Feed
 Memo All Mash Ration
 Memo Chick Scratch
 Memo Dairy Feed
 Memo Egg Mash
 Memo 16% Sweet Dairy Feed (with Molasses)
 Memo 22% Milk Ration
 Mennel's Fancy Bran
 Mennel's Mixed Grains¹

Middleport Flour Mills, Inc., Middleport, N. Y.

Angelus Wheat Bran
 Angelus Wheat Middlings

Milmine, Bodman & Co., Inc., 115 Produce Exchange, New York City.

Dried Beet Pulp

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

No. 1 Scratch Feed
 Rye Middlings
 "1795" Steam Cooked Corn and Oats
 Steam Cooked Hominy Feed

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

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

Moran-Patton Co., 234 Cedar St., New Haven, Conn.

C-B Mash

Fred C. Morse, Guilford, Conn.

Old Mill Dairy Feed
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Horse Feed
 Old Mill Laying Mash
 Old Mill Laying Mash with Milk
 Old Mill Provender
 Old Mill Scratch Feed
 Old Mill 20% Dairy Feed

¹ Substituted for Memo Scratch Grains.

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

Morse's Meat Scraps 40%
Morse's Meat Scraps 50%

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

Poco Hominy Feed

National Milling Co., Toledo, Ohio.

National Feed
Osota
Pure Wheat Bran

Nebraska Consolidated Mills Co., Omaha, Neb.

Pure Wheat Bran
Pure Winter Wheat Midds

New England By-Products Corp., 20 West St., Lawrence, Mass.

Blue Seal Meat Scraps
Gold Seal Dried Skim Milk
White Seal Meat Scraps

Newman Bros. Grain Co., Rochester, N. Y.

Corn Feed Meal
Genesee Scratching Grains
Mystic Chick Feed
Mystic Chick Starter with Buttermilk
Mystic Growing Mash with Buttermilk
Mystic Intermediate Feed
Mystic Laying Mash
Mystic Stock Feed, Sweetened

Newsome Feed and Grain Co., Carson Station, Pittsburgh, Pa.

Palmo Midds

Newton Feed Co., Milwaukee, Wis.

Newtrio Growing and Fitting Ration
Newtrio 20% Dairy Ration

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

Niagara Choice Wheat Bran
Niagara Choice Wheat Middlings

The Northwestern Consolidated Milling Co., Minneapolis, Minn.

Planet Feed
Pure Wheat Bran
Wheat Flour Middlings
Wheat Mixed Feed
Wheat Standard Middlings
XXX Comet

Nowak Milling Corp., Hammond, Ind.

Domino Developing Feed
Domino Laying Mash with Buttermilk
Domino Scratch Feed
Domino 24½% Dairy Feed
Domino Vim-O-Lene Horse Feed
Fidelity Stock Feed
Marathon Chick Feed

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

Ogilvie's Oat Feed
Ogilvie's Wheat Bran
Ogilvie's Wheat Shorts

Ontario Milling Co., Inc., Oswego, N. Y.

Aunt Mary's Chick Starting Mash with Dried Buttermilk
Aunt Mary's Coarse Chick Feed
Aunt Mary's Egg Mash with Dried Buttermilk
Aunt Mary's Fine Chick Grains
Aunt Mary's Scratch Feed
Aunt Mary's Special Growing Mash with Dried Buttermilk¹
Big Value Dairy Feed
Big Value Dairy Feed with Molasses
Big Value Horse Feed with Molasses
Butterfat Dairy Feed with Molasses
Oswego Egg Mash with Meat and Fish
Oswego Scratch Feed
Oswego 16% Dairy Feed with Molasses
Uncle John's Stock Feed with Molasses
Uncle John's 24% Cream Pot Ration

S. V. Osborn Est., Branford, Conn.

Osborn Mash
Osborn Provender
Osborn Scratch

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

Belmont Horse Feed
Bet-R-Milk 20% Ration
Bidwell Dry-Mash (Black Rock Milling Corporation)
Bidwell Scratch Feed (Black Rock Milling Corporation)
Bison Stock Feed, Sweetened
Chelsea Horse Feed
Claco Dairy Ration (C. L. Adams Co.)
Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$
Feed Meal
Fitting Ration
Go Tu It Pig and Hog Ration
Growing Feed
Herdhelth 16% Ration
Intermediate Chick Feed
Lay or Bust Dry-Mash
Leghorn Special Dry-Mash
Milkade Calf Meal
Milk-Maid 24% Sweetened Dairy Ration
Overall 24% Dairy Ration
Over the Top Scratch
Park & Pollard Chick Scratch
Park & Pollard Chick Starter
Park & Pollard Stock Feed
Park & Pollard Horse Feed
Red Ribbon Chick Feed
Red Ribbon Scratch Feed
Top Notch 16% Ration
Wheat Flour Middlings

¹ Substituted for Aunt Mary's Growing Mash with Dried Buttermilk.

The Patent Cereals Co., Geneva, N. Y.

Hominy Feed

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

Velvet Meal

Pillsbury Flour Mills Co., Minneapolis, Minn.

Palisade Scratch Feed

Pillsbury's Dairy Ration

Pillsbury's Durum Wheat Bran and Screenings

Pillsbury's Fancy Mixed Feed and Screenings

Pillsbury's Hard Wheat A Middlings and Screenings

Pillsbury's Hard Wheat Bran and Screenings

Pillsbury's Hard Wheat Standard B Middlings and Screenings

Pillsbury's Rye Middlings and Screenings

Pillsbury's Wheat Bran

Pillsbury's Wheat Gray Shorts

Pillsbury's XX Daisy

Pittsburgh Plate Glass Co., Newark, N. J.

Red Wing Linseed Meal

The Frank S. Platt Co., New Haven, Conn.

Platco Laying Mash

Platco Perfection Grain Mixture

Postum Co., Inc., Battle Creek, Mich.

Burt's Dairy Feed

Burt's Hominy Feed

W. N. Potter and Sons, Inc., Greenfield, Mass.

A. D. P. 24% Dairy Ration

Puritan Dry Mash

Puritan Growing Feed

Puritan Scratch Feed

Pratt Food Co., Hammond, Ind.

Pratt's Baby Chick Food with Buttermilk

Pratt's Circle A Chick Scratch Feed

Pratt's Circle A Large Scratch Feed

Pratt's Supreme Dairy Feed

Pratt's Supreme Fattening Mash with Buttermilk

Pratt's Supreme Growing Mash with Buttermilk

Pratt's Supreme Laying Mash with Buttermilk

Pratt's Supreme Stock Feed

Pratt's Sweet 24% Dairy Feed

Pratt's Utility Horse Feed

Pratt's Utility Large Scratch Feed

Pratt's Victory Intermediate Scratch Feed

Pratt's Victory Chick Scratch Feed

Pratt's Victory Large Scratch Feed

Pratt's Victory Laying Mash with Buttermilk

Pratt's White Hominy Feed (Buffalo Mill)

H. C. Puffer Co., Springfield, Mass.

Egg-Em-On Growing Feed

Egg-Em-On Laying Mash

Egg-Em-On Scratch Feed

Producer Dairy Feed

Sweetened Producer Dairy Feed

The Quaker Oats Co., 80 East Jackson St., Chicago, Ill.

Banner Feed
 Bell Cow Bran
 Bell Cow Shorts
 Big Egg Scratch Grains, No Grit
 Buckeye Feed
 Hominy Feed
 Horse Power Feed
 Quaker Ful-O-Pep Chick Starter
 Quaker Ful-O-Pep Coarse Chick Feed
 Quaker Ful-O-Pep Egg Mash
 Quaker Ful-O-Pep Fine Chick Feed
 Quaker Ful-O-Pep Growing Mash
 Quaker Ful-O-Pep Scratch Grains
 Quaker Ful-O-Pep Station Grade Fattening Feed
 Quaker Green Cross Horse Feed
 Quaker Schumacher Feed
 Quaker 16% Protein Dairy Ration
 Quaker Sugared Schumacher Feed
 Quaker 20% Protein Dairy Ration
 Quaker 24% Protein Dairy Ration
 Richford Provender
 Richford White Diamond Stock Feed
 Schumacher Calf Meal
 Schumacher Little Chick Feed, No Grit
 Schumacher Scratch Grains, No Grit
 Sugared Vim Feed
 Vim Feed
 White Hominy Feed
 White Star Stock Feed, Fine
 Yellow Hominy Feed

Ralston Purina Co., St. Louis, Mo.

Buffalo Purina Bulky Las Feed
 Corn Feed Meal
 Fine Ground Poultry Alfalfa Meal
 Protena Dairy Feed
 Protena 20% Dairy Feed
 Purina Baby Chick Chow Feed
 Purina Blue Checker Cow Chow Feed
 Purina Blue Checker Grainola Feed
 Purina Calf Cow Feed containing Mineral
 Purina Checkerboard Rolled Oats (steam cooked)
 Purina Chicken Chowder Feed containing Mineral
 Purina Chicken Fat Chow Feed containing Mineral
 Purina Chicken Fatena Feed containing Mineral
 Purina Chick Grow Chow Feed containing Mineral
 Purina Chick Growena Feed containing Mineral
 Purina Chicken Startena Feed containing Mineral
 Purina Cow Chow Feed
 Purina Fitting Chow Feed
 Purina Hen Chow Feed
 Purina Intermediate Hen Chow Feed
 Purina Hog Fatena Feed containing Charcoal
 Purina Lamb Chow Feed containing Charcoal
 Purina Lay Chow Feed containing Mineral
 Purina Omolene Feed
 Purina Orange Checker Cow Chow Feed

Purina Pig Chow Feed containing Charcoal
Purina Red Checker 34% Cow Chow Feed
Purina Red Checker Grainola Feed
Purina Steer Fatena Feed containing Charcoal
Purina Stock Feed
Winner Scratch Feed

John Reardon and Sons Co., Cambridge, Mass.

Register Brand Meat and Bone 45%
Register Brand Meat and Bone 55%

The Red Wing Milling Co., Red Wing, Minn.

Red Wing Special Wheat Bran

Robin Hood Mills, Ltd., Moose Jaw and Calgary, Canada.

Superior Pure Wheat Bran
Superior Pure Wheat Shorts

Rockville Grain and Coal Co., Rockville, Conn.

Diamond Dairy Ration
Diamond Horse Feed
Diamond Intermediate Chick Feed
Diamond Laying Mash
Diamond Scratch Feed

The Rogers and Hubbard Co., Portland, Conn.

Edible Bone Flour for Cattle and Poultry
Edible Steamed Bone

Fred H. Rolf, Inc., Guilford, Conn.

Hubbard's Egg Producer
Rolf's Chic Grains
Rolf's Chic Mash
Rolf's Scratch Grains

Royal Milling Co., Great Falls, Mont.

Dependable Rex Hard Wheat Bran
Dependable Rex Hard Wheat Mixed Feed

Russell-Miller Milling Co., Minneapolis, Minn.

Alta Hard Wheat Middlings
Hard Wheat Occident Bran
Hard Wheat Occident Mixed Feed

Russia Cement Co., Gloucester, Mass.

Chic-Chuk, "The Ideal Concentrated Poultry Food"

A. W. Scott Co., San Francisco, Calif.

Atlas Poultry Greens

Seymour Grain and Coal Co., Seymour, Conn.

See More Egg Mash Buttermilk
See More Egg Scratch Feed
See More Milk Dairy Feed

Shelton Feed Co., 73 Bridge St., Shelton, Conn.

Nelson's Laying Mash
Nelson's Mixed Chicken Feed

- M. L. Shoemaker and Co., Inc., Philadelphia, Pa.**
Shoemaker's "Swift Sure" 50% Meat and Bone Scrap
- W. G. Slugg, Milwaukee, Wis.**
Slugg's Pure Dried Skimmilk
- Winchell Smith, Inc., Farmington, Conn.**
Mill Streams "Boomerang" Dairy Feed
Mill Streams "Fortune Hunter" Scratch Grains
Mill Streams "Lightnin'" Laying Mash
Mill Streams "Twenty Per Cent" Dairy Ration
- Ike Sovitsky, Ansonia, Conn.**
Ansonia Dairy Ration
Ansonia Egg Mash with Buttermilk
Ansonia Scratch Feed
Ansonia Stock Feed
- Spratt's Patent (Am.) Limited, Newark, N. J.**
Spratt's Chicgrain
Spratt's Mash Food with Buttermilk
- Springfield Rendering Co., Springfield, Mass.**
Springfield Poultry Feed
- A. E. Staley Mfg. Co., Decatur, Ill.**
Staley's Corn Gluten Feed
- Standard Milling Co. of Canada, Ltd., 67 Yonge St., Toronto, Ont.**
Bran
Shorts
- John T. Stanley Co., Inc., 642 West 30th St., New York City.**
Stanley's Meat and Bone Scrap
- St. Albans Grain Co., St. Albans, Vt.**
Brewers' Dried Grains
Charlestock
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration
King Baby Chick Food (containing Cod Liver Meal-Buttermilk)
King Chick Feed
King Dairy Feed with Beet Pulp, Sweetened
King Growing Feed (containing Buttermilk)
King Horse Feed
King Intermediate Chick Feed
King Mash Feed (containing Buttermilk)
King Scratch Feed
King Stock Feed
King 22 Milk Ration, Sweetened
Paragon Dairy Feed
Paragon Dairy Feed, Sweetened
Paragon Hominy Feed
Paragon Scratch Feed
Wirthmore All Grain Chick Feed (Fine Chick Scratch)
Wirthmore Baby Chick Starter (containing Cod Liver Meal-Buttermilk)
Wirthmore Calf Meal

Wirthmore Dairy Feed with Beet Pulp
Wirthmore Dairy Feed with Beet Pulp, Sweetened
Wirthmore 14 Fitting Ration
Wirthmore Flour Middlings
Wirthmore Growing Feed (containing Buttermilk)
Wirthmore Hog Feed
Wirthmore Horse Feed
Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)
Wirthmore Laying Mash (containing Buttermilk)
Wirthmore Pig Feed
Wirthmore 16 Dairy Ration
Wirthmore 16 Dairy Ration, Sweetened
Wirthmore Scratch Feed
Wirthmore Stock Feed
Wirthmore 20 Dairy Feed
Wirthmore 20 Dairy Feed, Sweetened
Wirthmore 25 Balanced Ration
Wirthmore 25 Balanced Ration, Sweetened
Wirthmore Turkey Starter (containing Cod Liver Meal-Buttermilk)
Wirthmore Wheat Feed

St. Lawrence Flour Mills Co., Ltd., Montreal, Que.

Bran

Chas. M. Struven and Co., Baltimore, Md.

Struven's Fish Meal

Syracuse Milling Co., Syracuse, N. Y.

Jordan Horse Feed with Molasses
Onondaga Dairy Feed
Onondaga Scratch Grains
Symco Scratch Grains
Syragold Chick Feed
Syragold Chick Starter
Syragold Dairy Feed
Syragold Egg Mash
Syragold Feed Meal
Syragold Flour Middlings with Mill Run Screenings
Syragold Ground Corn and Oat Feed
Syragold Growing Mash
Syragold Horse Feed with Molasses
Syragold Laying Mash with Buttermilk
Syragold Milk Ration
Syragold Scratch Grains
Syragold Stock Feed

D. L. Talcott, Torrington, Conn.

Economy Dairy Ration

Thomaston Supply Co., Thomaston, Conn.

Thomaston Dairy Ration
Thomaston Egg Mash
Thomaston Scratch

Tioga-Empire Feed Mills, Inc., Waverly, N. Y.

Chicatine
Colonel's Ration
Derby Corn and Oat Feed
Derby-E-Gee Scratch Feed
Derby Meal
Egatine
E-Gee Dairy Feed
E-Gee Laying Mash
E-Gee Stock Feed
Neverfail Horse Feed
Or-Co Feed
Red Brand Ti-O-Ga Dairy Feed
Ti-O-Ga Calf Food
Tioga-Chick and Growing Mash
Ti-O-Ga Laying Food
Tioga-Neverfail Chick Grains
Tioga-Neverfail Growing Grain
Tioga-Neverfail Poultry Grain
White Brand Tioga Dairy Feed

Trader's Feed and Grain Co., Inc., Buffalo, N. Y.

Bonny Hard Wheat Bran and Screenings

Ubiko Milling Co., Cincinnati, Ohio.

Crusader Horse Feed
Ubiko All-Mash Complete Laying Ration
Ubiko All-Mash Developer
Ubiko Union Grains 20% Sweet Dairy Ration
Ubiko Union Grains 24% Sweet Dairy Ration
Union Grains Ubiko Biles Ready Dairy Ration

United Mills Co., Inc., Grafton, Ohio.

U. M. C. Wheat Middlings

Union Sales Corp., Columbus, Ind.

Union Corn Gluten Feed

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

Rye Feed

Vitality Mills, Inc., 166 West Jackson Blvd., Chicago, Ill.

Advance 16% Dairy Feed with Molasses
Advance 20% Dairy Feed
Special Rosebro Horse Feed
Vitality Chick Starter
Vitality Egg Mash
Vitality Fine Chick Scratch
Vitality Scratch Feed (No Grit)
Vitality 20% Dairy Feed with Molasses
Vitality 22% Dairy Feed with Molasses
Vitality 24% Dairy Feed with Molasses
Will-Pay Dairy Ration

Wadsworth Feed Co., Warren, Ohio.

Wadfeeco Dairy Ration
Wadsworth's Special Dairy Ration

Wayne Feed Mills, Fort Wayne, Ind.

Jumbo Dairy Feed
Wayne All Mash Chick Starter
Wayne Calf Meal
Wayne Dairy Feed
Wayne Egg Mash
Wayne Scratch Feed
Wayne Supreme Horse Feed
Wayne 20% Dairy Feed

F. S. Wertz and Son, Reading, Pa.

Colonial Mixed Grains for Poultry
Wertz's Horse Feed with Alfalfa and Molasses

Wolverton Flour Mills Co., Ltd., St. Mary's, Ont.

Wolmacs Pure Wheat Bran

Worcester Rendering Co., Auburn, Mass.

P. W. Meat Scrap
P. W. Special Meat Scrap

Yantic Grain and Products Co., Norwich, Conn.

Abington Dairy Feed
Almo
Big (Y) Dairy Ration
Big (Y) Flour Middlings
Big (Y) Growing Feed
Big (Y) Horse Feed¹
Big (Y) Laying Mash
Big (Y) Laying Mash with Buttermilk
Big (Y) Mixed Feed
Big (Y) Scratch Feed¹
Uncas Dairy Feed
Uncas Scratch Feed
Uncas Stock Feed
Uncas Sugared Stock Feed¹

INSPECTION

The inspection herein reported upon covers the calendar year of 1929.

The Station inspector visited 146 dealers in 97 towns of the State and took 700 samples, including all of the registered brands that could be found on sale. Because some were second samples of brands already examined, not all of these official samples were analyzed.

A total of 947 samples of feeding stuffs and other fodder materials were examined, of which number 646 were for purposes of official inspection, 178 for the Storrs Agricultural Experiment Station in connection with field experiments and feeding trials, and 123 were submitted by individuals. Results of the analyses made for the Storrs station are not included in this report.

¹ Takes the place of one of three feeds discontinued during the year, namely, Echo Dairy Feed, Perfection Dairy Feed and Ging'm Gal Scratch Feed.

The tabulated summary of inspection shows that of the total number of official samples examined 85 per cent met the guaranteed analyses under which they were sold. This is a gain over last year when the corresponding percentage was 78. Considering individual guaranteed items, there being three (protein, fat and fiber) for each sample, there were 1938 guaranties and 117 deficiencies were found, which shows that 94 per cent of these guaranties were met as compared with about the same figure last year, 92 per cent.

Our law makes it illegal to affix tags to sacks of feed by means of wire or other metallic device. Only two instances of violation of this requirement were found in the inspection two years ago, and during the past year no violations of this provision were discovered.

Microscopic examinations have revealed no instance of serious contamination with weed seeds or other deleterious materials. In the main the declarations of ingredients have been substantiated by our examinations. Conclusions as to the presence of undeclared ingredients or the absence of declared ingredients are often complicated by revisions of formulas made from time to time subsequent to original registrations.

Analyses of official samples are given in Table I, page 678, and those of unofficial samples submitted for the usual analysis in Table II, page 744.

SUMMARY OF INSPECTION

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fat	Fiber	
Cottonseed meal	5	1	1	1	0	2
Linseed meal	9	0	0	0	0	0
Wheat bran	28	0	0	0	0	0
Wheat middlings	12	0	0	0	0	0
Wheat red dog	3	0	0	0	0	0
Wheat feed (mixed feed) ..	14	0	0	0	0	0
Corn gluten feed	7	2	1	1	0	2
Hominy feed	15	0	0	0	0	0
Rye products	2	0	0	0	0	0
Brewers' & distillers' grains	4	1	1	0	0	1
Dried beet pulp	3	0	0	0	0	0
Horse feed	58	6	1	2	3	6
Dairy feeds	148	39	11	33	6	50
Stock feeds	34	4	0	3	2	5
Calf feed, etc.	18	4	1	4	0	5
Poultry feeds	245	35	6	25	7	38
Beef scrap, etc	41	8	5	3	0	8
Total	646	100	27	72	18	117

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
			%	%	%	%	%	%	%	%	%	%	%
2512	OIL SEED PRODUCTS <i>Cottonseed Meal</i> <i>Helmet</i> , Ashcraft-Wilkinson Co., Atlanta, Ga.	<i>Westerly</i> : C. W. Campbell Co..	6.80	6.59	41.00	41.00	9.65	10.00	29.63	6.33	5.50		
1187	<i>Owl 36%</i> , F. W. Brode Corp., Memphis, Tenn.	<i>Colchester</i> : P. Cutler, Inc.	5.75	6.75	35.38	36.00	13.40	14.00	33.42	5.30	4.00		
2704	<i>Owl 41%</i> , F. W. Brode Corp., Memphis, Tenn.	<i>Simsbury</i> : Woods-Handler Co., <i>Seymour</i> : Seymour Grain & Coal Co.	8.00	6.83	39.94	41.00	10.60	10.00	28.48	6.15	10.00		
2633	<i>Danish</i> , Humphreys-Godwin Co., Memphis, Tenn.	<i>Ansonia</i> : I. Sovitsky Grain & Coal Co.	6.40	6.20	37.25	36.00	12.83	15.00	29.94	7.38	5.00		
2585	<i>Dixie</i> , Humphreys-Godwin Co., Memphis, Tenn.		6.48	7.43	51.63	41.00	8.93	10.00	28.30	7.23	5.00		
2452	<i>Linseed Meal</i> <i>Pure Old Process</i> , Archer-Dan- iels-Midland Co., Minneapolis, Minn.	<i>Branford</i> : S. V. Osborn Est. ..	9.85	6.36	31.88	32.00	8.35	9.00	38.56	5.00	5.00		
2599	<i>Maple Leaf 34%</i> , Canada Lin- seed Oil Mills, Montreal, Canada	<i>Lebanon</i> : Berkman Grain Co. ..	8.80	6.38	33.75	34.00	7.85	9.00	37.49	5.73	5.00		

2579	Chas. M. Cox, Boston, Mass.	<i>Shelton</i> : Wolf Savitsky	7.35	8.10	35.88	35.00	7.20	7.50	32.97	8.50	6.50
1092	<i>Pure</i> . Kellogg & Miller, Amster- dam, N. Y.	<i>Southbury</i> : H. R. Stone	7.45	6.28	34.75	34.00	8.40	9.00	37.12	6.00	5.00
1037	<i>Old Process</i> . Spencer Kellogg & Sons, Edgewater, N. J.	<i>Guilford</i> : Fred C. Morse & Son	8.65	6.86	32.00	32.00	8.00	10.00	38.09	6.00	5.00
1039	<i>Old Process</i> . Spencer Kellogg & Sons, Buffalo, N. Y.	<i>East Haven</i> : F. A. Forbes	8.00	5.44	34.50	34.00	8.15	10.00	38.53	5.38	5.00
2842	<i>The Mann Bros. Co. Pure Old Process</i> . Mann Bros. Co., Buffalo, N. Y.	<i>Danielson</i> : Young Bros. Co.	10.75	6.06	32.25	32.00	7.83	10.00	35.78	7.33	6.00
2841	<i>The Mann Bros. Co. Pure Old Process</i> . Mann Bros. Co., Buffalo, N. Y.	<i>Stamford</i> : Clapboard Hill Feed Co.	8.83	5.81	33.50	34.00	7.96	10.00	37.55	6.35	6.00
2885	<i>Red Wing</i> . Pittsburgh Plate Glass Co., Pittsburgh, Pa.	<i>Long Hill</i> : Long Hill Feed Store	8.73	5.63	35.63	32.00	7.68	9.00	36.03	6.30	5.00
WHEAT PRODUCTS											
<i>Wheat Bran</i>											
1004	Chas. M. Cox, Boston, Mass.	<i>Hamden</i> : Ira W. Beers	9.05	6.09	16.81	13.50	9.60	11.50	52.30	6.15	3.50
2589	Dominion Flour Mills, Montreal, Canada	<i>Rockville</i> : Rockville Grain & Coal Co.	9.75	6.34	14.50	14.50	10.25	11.50	53.68	5.48	3.50
2795	<i>Duluth Imperial</i> . Duluth Super- rior Milling Co., Duluth, Minn.	<i>Windsor</i> : L. W. Hudson	11.18	6.24	16.25	14.00	8.38	13.00	52.52	5.43	3.75
2490	<i>Washburn's Gold Medal</i> . Gen- eral Mills, Inc., Minneapolis, Minn.	<i>Colchester</i> : Red Wing Feed & Lumber Co.	11.33	6.72	15.44	14.00	9.13	12.00	52.60	4.78	4.00
1086	<i>Choice</i> . Hecker - Jones - Jewell Milling Co., Buffalo, N. Y.	<i>East Bridgeport</i> : J. Simon	9.20	6.92	15.50	13.50	10.15	11.50	52.70	5.53	3.50
2673	<i>Choice</i> . Hecker - Jones - Jewell Milling Co., New York City	<i>Southington</i> : Southington Lumber Co.	11.18	6.60	14.19	14.00	9.78	14.00	53.07	5.18	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
	WHEAT PRODUCTS— Continued		%	%	%	%	%	%	%	%	%	
2475	<i>Wheat Bran—Concluded</i> <i>Black Hawk, Pure</i> . International Milling Co., Minneapolis, Minn.	Guilford: F. H. Rolf, Inc.	11.35	6.93	16.00	15.00	9.68	12.00	50.64	5.40	3.20	
2664	<i>Pure</i> . Larabee Flour Mills, Kansas City, Mo.	Meriden: Raymond Ives	12.23	6.85	15.69	15.00	8.53	10.00	52.35	4.35	3.50	
2445	<i>Winter</i> . Larabee Flour Mills, Kansas City, Mo.	East Haven: F. A. Forbes	11.90	7.07	15.06	15.00	9.82	10.00	51.80	4.35	3.50	
2568	<i>Moon's</i> . Geo. Q. Moon & Co., Binghamton, N. Y.	Stratford: Z. C. Ingersoll	11.45	5.28	15.56	13.00	7.90	10.00	54.53	5.28	3.00	
1136	<i>Pure</i> . Nebraska Consolidated Mills Co., Omaha, Neb.	East Winsted: Leonard Grain Co.	10.68	6.36	16.69	15.50	8.01	11.00	53.91	4.35	3.50	
2834	<i>Niagara Choice</i> . Niagara Mill- ing Co., Niagara Falls, N. Y.	New Haven: Moran-Paton Co. . .	10.25	7.03	15.63	14.00	10.46	11.00	51.28	5.35	3.50	
2448	<i>Ogilvie's</i> . Ogilvie Flour Mills Co., Montreal, Canada	Branford: S. V. Osborn Est. . .	11.60	5.51	14.63	14.50	10.35	11.50	52.46	5.45	4.00	
2595	<i>Pillsbury's</i> . Pillsbury's Flour Mills, Minneapolis, Minn.	Bethel: Morrison & Dunham . . .	11.10	6.95	15.00	14.00	10.18	12.00	51.22	5.55	4.00	

2520	<i>Superior Pure</i> , Robin Hood Mills, Calgary, Canada	Colchester: J. Buratz	10.20	5.28	16.13	15.00	9.90	11.50	53.41	5.08	3.50
2956	<i>Dependable Rex</i> , Royal Milling Co., Great Falls, Montana	Danielson: Young Bros. Co.	11.20	5.07	16.81	15.00	8.53	10.00	53.21	5.18	4.00
2777	<i>Occident</i> , Russell-Miller Milling Co., Minneapolis, Minn.	Granby: R. L. Forsyth	9.83	6.29	15.56	14.00	10.30	11.50	52.44	5.58	4.00
2883	St. Lawrence Flour Mills, Montreal, Canada	Shelton: Wolf Savitsky	11.08	5.73	15.13	14.50	10.45	11.50	51.73	5.88	4.00
1003	<i>Wheat Middlings, etc.</i> <i>Rex</i> , Chas. M. Cox, Boston, Mass.	Hamden: Ira W. Beers	9.40	3.77	17.25	16.00	6.30	7.50	57.33	5.95	5.00
2587	<i>Wheat Shorts</i> , Dominion Flour Mills, Montreal, Canada	West Cheshire: Cheshire Grain & Coal Co.	10.28	4.00	16.88	16.00	6.28	8.00	57.08	5.48	5.00
1085	<i>Eshelman's</i> , John W. Eshelman & Sons, Lancaster, Pa.	Devon: Devon Coal & Ice Co.	10.38	2.96	16.00	16.00	4.13	6.00	62.28	4.25	4.00
2811	<i>Washburn's Gold Medal</i> , General Mills, Inc., Minneapolis, Minn.	Willimantic: Willimantic Grain Co.	10.73	3.72	17.81	16.00	3.68	6.00	59.26	4.80	4.00
2476	<i>Washburn's Gold Medal</i> , General Mills, Inc., Minneapolis, Minn.	Guilford: F. H. Rolf, Inc.	10.75	4.77	16.13	15.00	7.75	9.50	54.22	6.38	4.00
2588	H. Hecker-Jones-Jewell Milling Co., New York City	Plantersville: Atwater Mills	9.85	5.13	16.94	15.00	7.53	9.50	55.02	5.53	5.00
2741	<i>Black Hawk Wheat Flour</i> , International Milling Co., Minneapolis, Minn.	Suffield: Spencer Bros.	10.20	2.60	17.50	16.00	2.40	4.00	63.57	3.73	3.50
2478	<i>Black Hawk Wheat Standard</i> , International Milling Co., Minneapolis, Minn.	Guilford: Fred C. Morse & Son	10.73	4.81	16.75	16.00	6.83	8.50	55.03	5.85	4.50
2845	<i>Red Star Flour</i> , E. Manchester & Sons, Winsted	East Winsted: Leonard Grain Co.	10.83	2.86	17.25	15.00	3.65	6.00	60.98	4.43	4.00
2850	<i>Bull Brand Wheat Flour</i> , Maritime Milling Co., Buffalo, N. Y.	Brookfield: S. A. Smith & Son	10.55	3.18	15.00	15.00	5.35	6.00	61.67	4.25	4.00

2686	<i>Pillsbury's Hard Wheat Standard B.</i> Pillsbury Flour Mills Co., Minneapolis, Minn.	Kensington: S. F. Labieniec ...	10.50	5.08	15.88	15.00	8.55	9.50	54.86	5.13	4.00
2517	<i>Superior Pure Wheat Shorts.</i> Robin Hood Mills, Calgary, Canada	Norwich: A. E. Shedd	10.38	3.38	16.75	17.00	5.98	8.00	58.76	4.75	5.00
2756	<i>Shorts.</i> Standard Milling Co., Toronto, Canada	Thomaston: Thomaston Grain & Coal Co.	10.10	4.98	18.13	16.00	7.25	8.00	53.86	5.68	5.00
2575	<i>Wirthmore Flour.</i> St. Albans Grain Co., St. Albans, Vt.	Shelton: Shelton Feed Co.	10.50	4.13	16.31	15.00	5.75	6.00	58.88	4.43	4.00
2779	<i>Syracold Flour.</i> Syracuse Milling Co., Syracuse, N. Y.	Granby: E. H. Rollins	10.10	4.03	16.75	15.00	6.00	6.00	58.32	4.80	4.00
2488	<i>Big (Y) Flour.</i> Yantic Grain & Products Co., Norwich, Conn.	Jewett City: Big Y Feed Store	10.55	3.86	16.63	17.00	5.50	5.00	58.71	4.75	5.00
1090	<i>Wheat Red Dog</i> <i>Washburn's Gold Medal</i> Adrian General Mills, Inc., Minneapolis, Minn.	Norwalk: Frank Libner & Sons	10.83	2.39	16.31	16.00	2.07	4.00	64.42	3.98	3.50
2535	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.	Colchester: L. Broder	10.30	2.83	17.00	15.00	2.95	3.75	62.29	4.63	4.25
2904	Hecker-Jones-Jewell Milling Co., New York City	Norwalk: Frank Libner & Sons	10.00	3.36	17.25	15.75	3.73	4.00	59.96	5.70	4.50
2860	<i>Wheat Feed (Mixed Feed)</i> Crosby's. Crosby Milling Co., Brattleboro, Vt.	Kent: Kent Grain & Coal Co. ...	11.03	4.41	14.94	15.00	6.78	9.50	57.99	4.85	4.50
2797	Boston. Duluth Superior Milling Co., Duluth, Minn.	Hartford: N. Y. Feed & Grain Co.	10.93	4.81	15.75	14.00	7.33	9.50	55.78	5.40	4.00
2571	<i>Washburn's Gold Medal Fancy.</i> General Mills, Inc., Minneapolis, Minn.	Derby: Peterson-Hendee Co. ...	12.40	4.70	15.38	15.00	5.48	7.50	58.01	4.03	4.00
2708	<i>Gold Mine.</i> H. H. King Flour Mills, Minneapolis, Minn.	Thompsonville: Geo. S. Phelps & Co.	10.60	5.20	19.31	15.00	8.85	9.50	50.46	5.58	4.50
1139	<i>Red Star.</i> E. Manchester & Sons, Winsted	Winsted: E. Manchester & Sons	10.65	5.33	15.50	16.00	7.44	7.50	56.60	4.48	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat	
			%	%	Found	Guaranteed, not less than	Found	Guaranteed, not more than	%	%	Found	Guaranteed, not less than
	WHEAT PRODUCTS—Continued Wheat Feed (Mixed Feed)— Concluded											
2662	Red Wing. Meech & Stoddard, Inc., Middletown	East Hartford: Meech Grain Co.	10.35	3.93	16.13	15.00	6.90	10.00	57.84	4.85	4.50	
1047	Oso. National Milling Co., Toledo, Ohio	Bloomfield: Bloomfield Farmers' Exchange	10.15	5.67	16.50	15.00	7.13	10.00	56.07	4.48	4.50	
2693	Planet. Northwestern Consoli- dated Milling Co., Minneapolis, Minn.	Farmington: Winchell Smith Grist Mill	10.93	4.58	18.00	15.00	5.38	8.00	56.36	4.75	4.00	
1048	XXX Comet. Northwestern Con- solidated Milling Co., Minne- apolis, Minn.	Bloomfield: Bloomfield Farmers' Exchange	10.20	2.93	18.38	16.00	2.10	4.00	60.61	5.78	4.00	
2684	Pillsbury's Fancy Mixed. Pills- bury Flour Mills, Minneapolis, Minn.	Kensington: S. F. Labienec	10.93	4.48	17.69	15.00	5.40	8.50	56.42	5.08	4.00	
2447	Pillsbury's XX Daisy. Pillsbury Flour Mills, Minneapolis, Minn.	East Haven: F. A. Forbes	11.73	2.66	17.06	16.00	2.19	4.00	61.98	4.38	4.00	
2649	Occident. Russell Miller Milling Co., Minneapolis, Minn.	Wallingford: A. E. Hall	11.33	4.83	17.00	15.00	7.78	9.50	53.18	5.88	4.50	

2498	Quaker Oats Co., Chicago, Ill.	<i>New London:</i> New London Grain Co.	10.45	2.97	10.75	10.00	5.30	8.00	64.78	5.75	5.00
2522	<i>White</i> . Quaker Oats Co., Chicago, Ill.	<i>Colchester:</i> J. Buratz	9.50	2.13	10.00	10.50	4.78	6.00	67.89	5.70	5.00
2584	<i>Yellow</i> . Quaker Oats Co., Chicago, Ill.	<i>Ansonia:</i> I. Sovitsky Grain & Coal Co.	10.40	2.65	10.25	10.50	4.10	6.00	67.17	5.43	5.00
2868	<i>Corn Feed Meal</i> . Ralston Purina Co., St. Louis, Mo.	<i>Danbury:</i> H. E. Meeker	11.40	1.53	8.88	8.50	3.50	5.00	71.06	3.63	3.00
2443	<i>Paragon</i> . St. Albans Grain Co., St. Albans, Vt.	<i>East Haven:</i> F. A. Forbes	11.10	4.02	9.88	10.00	5.04	7.00	62.16	7.80	6.00
2765	RYE PRODUCTS <i>Rye Middlings</i> . Miner-Hillard Milling Co., Wilkes-Barre, Pa.	<i>Higganum:</i> Felix Petrofsky	9.73	3.08	16.19	12.00	2.68	5.00	65.39	2.93	2.50
2928	<i>Rye Feed</i> . Upper Hudson Rye Flour Mills, Troy, N. Y.	<i>Middleton:</i> Meech & Stoddard, Inc.	9.95	3.60	17.13	13.50	5.03	6.00	60.76	3.53	3.00
2710	BREWERS' AND DISTILLERS' GRAINS <i>"Bull Brand"</i> Dried Brewers' Grains. Farmers Feed Co., Buffalo, N. Y.	<i>Thompsonville:</i> Geo. S. Phelps & Co.	7.25	3.83	22.88	22.00	15.30	15.00	43.46	7.28	6.00
2634	<i>Alco Dried Brewers' Grains</i> . C. J. Martenis Grain Co, New York City	<i>Seymour:</i> Seymour Grain & Coal Co.	7.73	4.20	23.56	21.00	14.15	20.00	43.53	6.83	6.00
1091	<i>Alco Dried Distillers' Grains</i> . C. J. Martenis Grain Co, New York City	<i>Seymour:</i> Seymour Grain & Coal Co.	5.98	2.38	21.69	25.00	12.00	15.00	47.82	10.13	8.00
1118	<i>Brewers' Dried Grains</i> . St. Albans Grain Co., St. Albans, Vt.	<i>New Milford:</i> Geo. T. Soule	7.03	3.32	20.69	21.00	12.55	15.00	49.98	6.43	5.00
2444	DRIED BEET PULP The Larrowe Milling Co., Detroit, Mich.	<i>East Haven:</i> F. A. Forbes	11.50	3.70	7.94	8.00	19.01	22.00	56.90	0.95	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred											
			Water		Ash		Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat	
			%	Found	%	Guaranteed, not less than	%	Found	%	Guaranteed, not more than	%	Found	%	Guaranteed, not less than
963	DRIED BEET PULP— <i>Concluded</i> <i>Dried Molasses Beet Pulb.</i> Lar- rowe Milling Co., Detroit, Mich.	Wallingford: A. E. Hall	9.05	10.00	4.99	8.00	18.28	20.00	56.93	0.75	0.50			
2711	<i>Dried Beet Pulb.</i> Milmine Bod- man & Co., Inc., New York City	Thompsonville: Geo. S. Phelps & Co.	9.28	8.25	3.25	7.00	17.70	20.00	60.97	0.55	0.25			
2605	PROPRIETARY MIXED FEEDS <i>Horse Feed</i> <i>Amco.</i> American Milling Co., Peoria, Ill.	Danbury: C. S. Barnum & Son ..	10.80	10.25	2.83	9.00	6.28	9.00	66.59	3.25	3.50			
2618	<i>Amco June Pasture Alfalfa and</i> <i>Molasses.</i> American Milling Co., Peoria, Ill.	Danbury: C. S. Barnum & Son ..	8.15	12.13	10.48	10.00	16.50	21.00	51.94	0.80	0.50			
2665	<i>Wonder Horse and Mule.</i> Arcady Farms Milling Co., Chicago, Ill.	Meriden: Raymond Ives	12.98	9.81	4.08	9.00	7.80	10.00	62.00	3.33	3.00			

2849	<i>Bull Brand, with Molasses.</i> Mari- time Milling Co., Buffalo, N. Y.	Brookfield: S. A. Smith & Son	11.50	3.23	9.50	8.00	7.93	10.00	63.89	3.95	2.00
2554	<i>Red Wing Molasses.</i> Meach & Stoddard, Inc., Middletown.	Colchester: Red Wing Feed & Lumber Co.	10.85	3.63	10.75	9.00	7.58	10.00	63.16	4.03	3.00
2514	<i>"1795" Steamed Cooked Corn & Oats.</i> Miner-Hillard Milling Co., Wilkes-Barre, Pa.	Westerly: C. W. Campbell Co.	8.75	2.18	9.75	9.50	5.15	5.00	69.84	4.33	4.00
969	<i>Old Mill.</i> Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son	11.33	3.89	11.75	12.00	5.75	9.00	63.23	4.05	4.00
1035	<i>Old Mill Provender.</i> Fred C., Morse & Son, Guilford	Guilford: Fred C. Morse & Son	12.58	2.14	10.00	10.00	4.75	7.00	67.15	3.38	4.00
2780	<i>Domino Vim-O-Lene.</i> Nowak Milling Corp., Hammond, Ind.	Bloomfield: Bloomfield Farmers' Exchange	11.20	3.34	9.25	9.50	5.85	9.00	66.91	3.45	3.00
2836	<i>Big Value Molasses.</i> Ontario Milling Co., Oswego, N. Y.	Collinsville: Rourke - Robotham Co.	11.60	5.65	11.25	8.50	10.86	12.00	58.36	2.28	2.00
2450	<i>Osborn's Provender.</i> S. V. Os- born Est., Branford	Branford: S. V. Osborn Est. ...	12.83	2.28	10.13	10.00	5.72	8.00	65.06	3.98	4.00
2910	<i>Belmont.</i> Park & Pollard Co., Buffalo, N. Y.	Greenwich: T. Loughlin & Son	9.03	3.87	9.94	10.00	7.75	12.00	65.33	4.08	2.00
1069	<i>Corn & Oats ½ & ½.</i> Park & Pollard Co., Buffalo, N. Y.	Shelton: Shelton Feed Co.	11.85	2.50	9.88	10.00	7.95	8.00	63.92	3.90	1.50
2648	<i>Chelsea.</i> Park & Pollard Co., Buffalo, N. Y.	Naugatuck: Spencer Grain Co..	9.30	6.80	9.06	8.00	14.38	12.00	58.00	2.55	2.00
2572	<i>Park & Pollard.</i> Park & Pol- lard Co., Buffalo, N. Y.	Derby: Peterson-Hendee Co. ...	11.45	3.58	10.38	10.00	6.50	9.00	64.59	3.50	3.50
2616	<i>Velvet Meal.</i> Pecos Valley Al- italia Milling Co., Hagerman, New Mexico	Guilford: F. H. Rolf, Inc.	9.48	11.15	17.13	17.00	20.73	23.00	39.41	2.10	1.50
2691	<i>Prait's Utility.</i> Pratt Food Co., Hammond, Ind.	Bristol: Bristol Grain & Supply Co.	12.18	4.20	8.50	6.50	8.35	12.00	64.02	2.75	1.50
2630	<i>Banner Feed.</i> Quaker Oats Co., Chicago, Ill.	Seymour: Seymour Grain & Coal Co.	7.70	5.80	14.13	13.00	16.90	18.00	49.94	5.53	4.50
2492	<i>Horse Power Feed.</i> Quaker Oats Co., Chicago, Ill.	Chester: Leete Bros.	11.60	5.15	11.56	10.00	9.05	11.00	59.89	2.75	2.80

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat	
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%	%	%
2594	<i>Horse Feeds—Concluded</i> Quaker Green Cross Quaker											
1052	Oats Co., Chicago, Ill. Sugared Vim Feed. Quaker Oats	Bethel: Morrison & Dunham ...	11.55	5.78	10.13	10.00	11.25	12.00	58.36	2.93	2.50	
2655	Chicago, Ill. Buffalo Purina Bulky Las. Ralston Purina Co., St. Louis, Mo.	Branford: S. V. Osborn Est. ... Meriden: H. Grulich	6.60	6.63	6.25	5.00	23.95	25.00	54.44	2.13	1.50	
1109	Purina Checkerboard Rolled Oats (steam cooked). Ralston Pur- ina Co., St. Louis, Mo. Purina Omatine Feed. Ralston Purina Co., St. Louis, Mo. ...	Stamford: Clapboard Hill Feed Co.	9.35	8.73	11.25	9.00	14.15	15.00	54.32	2.20	1.30	
2513	Diamond. Rockville Grain & Coal Co., Rockville	Westerly: C. W. Campbell Co. Manchester: Manchester Grain Co.	8.00	1.94	15.88	16.00	1.07	2.00	67.21	5.90	6.00	
2433	Charlestock. St. Albans Grain Co., St. Albans, Vt.	Thompsonville: Geo. S. Phelps & Co.	11.30	3.93	10.25	9.70	7.73	9.00	62.16	4.63	3.20	
2647			11.83	3.29	10.00	9.00	7.38	10.00	63.27	4.23	3.00	
			9.23	7.43	9.75	9.00	10.88	14.00	57.68	5.03	4.00	

2784	King, St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	10.93	2.73	9.69	9.50	6.78	9.00	65.94	3.93	3.00
2493	Wirthmore, St. Albans Grain Co., St. Albans, Vt.	Centerbrook: W. J. Prann	12.20	3.90	9.75	9.80	5.83	9.00	64.54	3.78	3.25
2889	Syracoid, with Molasses, Syracuse Milling Co., Syracuse, N. Y.	East Bridgeport: J. Simon	8.55	3.68	8.69	8.00	10.83	12.00	65.80	2.45	2.50
1010	Colonel's Ration, Tioga-Empire Feed Mills, Waverly, N. Y.	Guilford: F. H. Rolf, Inc.	11.70	6.75	14.00	12.00	11.60	15.00	52.82	3.13	2.50
2851	Derby Corn & Oat Feed, Tioga-Empire Feed Mills, Waverly, N. Y.	Hazleyville: W. A. Honan, Inc. Torrington: Litchfield Co-op. Assoc.	11.30	2.40	10.38	9.20	5.78	8.00	65.61	4.53	4.00
2843	Derby Meal, Tioga-Empire Feed Mills, Waverly, N. Y.	Plainville: W. S. Eaton	12.35	3.40	10.06	10.00	5.43	9.00	64.86	3.90	3.50
2676	Neverfail, Tioga-Empire Feed Mills, Waverly, N. Y.	Lebanon: Berkman Grain Co. ... New Britain: New Britain Bird Store	12.05	6.49	10.69	9.00	8.98	10.00	58.36	3.43	3.00
2533	Crusader, Ubiko Milling Co., Cincinnati, Ohio	8.68	2.95	9.88	9.50	6.53	7.00	68.11	3.85	3.50	
856	Wayne Supreme, Wayne Feed Mills, Fort Wayne, Ind.	Long Hill: Long Hill Feed Store New London: New London Grain Co.	9.90	4.43	9.69	9.00	9.20	10.00	62.55	4.23	2.00
2888	Wertz's Horse Feed with Alfalfa and Molasses, F. S. Wertz & Son., Reading, Pa.	New London: New London Grain Co.	11.93	9.12	12.25	11.00	12.97	15.00	52.03	1.70	1.50
1276	Al-Mo, Yantic Grain & Products Co., Norwich	New London: New London Grain Co.	11.30	4.28	11.50	10.00	6.18	7.00	63.24	3.50	3.00
2877	Big (Y) Horse Feed, Yantic Grain & Products Co., Norwich										
2563	Dairy Feeds Amco 20% (Flexible Formula), American Milling Co., Peoria, Ill.	Danbury: C. S. Barnum & Son ...	9.65	8.23	21.19	20.00	7.78	9.00	49.55	3.60	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>												
2620	<i>Dairy Feeds—Continued</i> Amco 24% (Flexible Formula), American Milling Co., Peoria, Ill.	Danbury: C. S. Barnum & Son ..	%	%	%	%	%	%	%	%	%	%	%
2666	Advanced Registry, Arcady Farms Milling Co., Chicago, Ill.	Meriden: Raymond Ives	9.03	25.13	24.00	7.65	9.00	46.05	4.28	4.00			
2988	Advanced Registry, Arcady Farms Milling Co., Chicago, Ill.	New Britain: S. P. Strople	8.95	24.38	25.00	8.88	10.00	45.03	4.53	5.00			
2524	Milkers Ready Ration, Arcady Farms Milling Co., Chicago, Ill.	Norwich: A. E. Shedd	8.50	25.38	25.00	9.03	10.00	44.71	4.90	5.00			
2737	Old Colony Feed, Arcady Farms Milling Co., Chicago, Ill.	Meriden: Raymond Ives	9.60	21.25	22.00	9.80	11.00	44.98	4.98	4.00			
2821	Peerless Milk Ration, Arcady Farms Milling Co., Chicago, Ill.	Danielson: Kennedy Corp.	8.48	20.50	20.00	8.55	12.00	48.79	4.15	3.50			
2820.	Sweet 16, Arcady Farms Milling Co., Chicago, Ill.	Danielson: Kennedy Corp.	8.90	20.69	20.00	11.83	12.00	44.65	4.45	4.00			
2678	Wondcr, Arcady Farms Milling Co., Chicago, Ill.	New Britain: S. P. Strople	10.20	17.19	16.00	12.58	12.00	46.99	4.13	4.00			
			10.28	23.19	24.00	9.75	10.00	44.02	4.58	5.20			

2981	Wonder, Arcady Farms Milling Co., Chicago, Ill.	Norwich: A. E. Shedd	9.85	9.27	25.00	24.00	8.30	10.00	43.10	4.48	5.20
2977	Capital Dairy Feed, Sweetened. E. W. Bailey & Co., Montpelier, Vt.	New London: B. J. McCarthy ..	10.20	8.03	22.38	24.00	7.43	9.00	47.66	4.30	5.00
2701	Favorite Dairy Ration, Sweetened. E. W. Bailey & Co., Montpelier, Vt.	Lebanon: Berkman Grain Co. ...	10.23	7.35	19.81	20.00	6.90	7.50	51.78	3.93	4.50
2810	"Our Own" ... E. W. Bailey & Co., Montpelier, Vt.	Mansfield Depot: M. M. Hansen	10.10	8.04	18.31	16.00	8.18	9.00	50.54	4.83	5.00
2574	Auburn, Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	9.13	8.50	23.00	20.00	8.15	10.00	46.87	4.35	4.00
2603	Beacon, Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	8.93	8.10	24.50	24.00	8.88	10.00	44.76	4.83	4.50
2617	Beacon Sweet "24," Beacon Milling Co., Inc., Cayuga, N. Y. ...	Danbury: C. S. Barnum & Son ..	9.33	7.13	25.25	24.00	8.08	9.00	46.91	3.30	4.00
2705	Success, A. D. Bridge's Sons, Hazardville	Hazardville: A. D. Bridge's Sons	8.88	5.68	21.13	20.00	11.00	9.50	48.61	4.70	5.00
2534	L. B. Milk Ration. L. Broder, Colchester	Colchester: L. Broder	9.50	7.78	19.63	20.00	7.38	8.50	50.41	5.30	5.50
1248	C. B. C. Buckingham & Co., Southport	Southport: C. Buckingham & Co.	10.10	7.94	23.63	22.75	8.93	9.50	44.90	4.50	4.50
2507	No-Botheration. C. W. Campbell Co., Westerly, R. I.	Mystic: C. W. Campbell	10.30	6.59	19.63	20.00	6.43	8.00	52.05	5.00	5.00
2631	Ajax 20%, Chapin & Co., Hammond, Ind.	Plantville: C. A. Cowles	10.43	9.23	20.00	20.00	7.83	12.00	47.88	4.63	4.50
2622	Ajax 24%, Chapin & Co., Hammond, Ind.	Danbury: F. C. Benjamin	10.23	8.75	24.00	24.00	8.83	12.00	43.56	4.63	4.50
2625	Unicorn, Chapin & Co., Hammond, Ind.	Danbury: F. C. Benjamin	8.98	9.80	24.94	24.00	9.03	10.00	42.75	4.50	5.00
2922	Grange Sweetened 16%, Clyde Renco Milling Corp., Clyde, N. Y.	Canaan: Ives & Pierce	11.03	8.10	18.00	16.00	6.15	12.00	52.52	4.20	4.00

2878	<i>Conkey's Red Seal 16%</i> , G. E. Conkey Co., Cleveland, Ohio ..	<i>Ansonia</i> : A. Hodos & Son	8.58	7.77	16.25	16.00	8.28	10.00	54.52	4.60	3.50
2668	<i>Cowles 20%</i> , C. A. Cowles, Plantsville	<i>Plantsville</i> : C. A. Cowles	9.63	5.90	22.00	20.00	8.90	10.00	48.49	5.08	5.00
2669	<i>Cowles 24%</i> , C. A. Cowles, Plantsville	<i>Plantsville</i> : C. A. Cowles	9.23	5.70	24.38	24.00	8.60	10.00	46.51	5.58	6.00
2986	<i>Cowles 24%</i> , C. A. Cowles, Plantsville	<i>Plantsville</i> : C. A. Cowles	8.73	6.58	23.88	24.00	8.88	10.00	46.65	5.28	6.00
1073	<i>Crosby's Balanced Ration</i> , Crosby Milling Co., Brattleboro, Vt. ...	<i>Shelton</i> : Wolf Savitsky	8.28	7.23	24.75	25.00	8.35	9.00	45.99	5.40	5.50
2798	<i>Crosby's Ready Ration</i> , Crosby Milling Co., Brattleboro, Vt. ...	<i>Manchester</i> : O. E. Bailey	9.23	6.04	20.50	20.00	7.85	8.50	61.48	4.90	5.00
2580	<i>Crosby's Sweetened Ready Ration</i> , Crosby Milling Co., Brattleboro, Vt. ...	<i>Shelton</i> : Wolf Savitsky	9.98	5.88	20.25	20.00	7.98	8.50	50.86	5.05	5.00
1682	<i>Basic</i> , R. G. Davis & Sons, New Haven	<i>Clintonville</i> : John Carlson	10.57	7.11	19.75	20.00	7.58	9.00	50.45	4.54	4.50
2627	<i>Basic</i> , R. G. Davis & Sons, New Haven	<i>Westville</i> : R. G. Davis & Sons ..	10.20	6.53	19.75	20.00	7.90	9.00	50.92	4.70	4.50
2736	<i>20% Open Formula</i> , R. G. Davis & Sons, New Haven	<i>Ansonia</i> : Ansonia Flour & Feed Co.	9.33	6.73	20.38	20.00	6.93	8.00	51.80	4.83	4.00
2602	<i>Delaware</i> , Delaware Mills, Inc., Deposit, N. Y.	<i>Danbury</i> : C. S. Barnum & Son ..	8.80	8.68	24.13	23.00	7.70	10.00	46.01	4.68	5.00
2551	<i>Delco 20%</i> , Delaware Mills, Inc., Deposit, N. Y.	<i>Colchester</i> : Red Wing Feed & Lumber Co.	9.88	6.48	20.50	20.00	8.23	11.00	50.71	4.20	4.00
2758	<i>Eastern States Fulfill (Open Formula)</i> , Eastern States Farmers' Exchange, Springfield, Mass.	<i>North Haven</i> : Ridgewood Farm ..	9.80	6.33	21.88	20.00	7.33	8.00	50.06	4.60	4.00
2982	<i>Eastern States Milkmore (Open Formula)</i> , Eastern States Farmers' Exchange, Springfield, Mass.	<i>Norwich</i> : A. E. Shedd	9.98	6.90	25.69	24.00	7.30	8.00	45.43	4.70	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred											
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat			
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than		
	PROPRIETARY MIXED FEEDS— Continued													
2879	Dairy Feeds—Continued Eastern States 16 (Open Formula). Eastern States Farmers' Exchange, Spring- field, Mass.	North Haven: Ridgewood Farm	%	%	%	%	%	%	%	%	%	%	%	%
2549	Elmore Milk Grains. Elmore Milling Co., Inc., Oneonta, N. Y.	Norwich: A. E. Shedd	9.58	6.53	16.88	16.00	7.45	8.00	55.13	4.43	4.00	4.00	4.00	4.00
2980	Elmore Milk Grains. Elmore Milling Co., Inc., Oneonta, N. Y.	Norwich: A. E. Shedd	9.73	5.25	23.38	25.00	9.90	11.00	46.86	4.88	5.00	5.00	5.00	5.00
2656	Elmore Waldorf Formula. Elmore Milling Co., Inc., Oneonta, N. Y.	Norwich: A. E. Shedd	9.10	5.20	25.19	25.00	11.05	11.00	44.53	4.93	5.00	5.00	5.00	5.00
2814	Grainger Open-Formula Ration. Elmore Milling Co., Inc., One- onta, N. Y.	Naugatuck: Naugatuck Fruit & Produce Co. Willimantic: Windham Grain Store	10.28	9.15	19.63	20.00	8.25	10.00	48.59	4.10	4.00	4.00	4.00	4.00
			9.60	9.66	23.94	24.00	7.45	9.00	43.90	5.45	4.00	4.00	4.00	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
2953	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Dairy Feeds—Continued</i> Memo 16% Sweet, with Molasses. Mennel Milling Co., Toledo, Ohio	Plainville: W. S. Eaton	%	%	%	%	%	%	%	%	%	%	%
2955	Memo 22% Milk Ration. Men- nel Milling Co., Toledo, Ohio.	Plainville: F. B. Newton	10.30	5.97	15.44	16.00	8.08	12.00	56.21	4.00	3.50	4.98	5.00
3016	Moon's 20%, with Molasses. Geo. Q. Moon & Co., Bingham- ton, N. Y.	Putnam: Dayville Grain Co.	9.73	6.55	19.31	22.00	7.85	10.00	53.08	3.48	3.50	4.98	4.00
2569	Moon's 24%. Geo. Q. Moon & Co., Binghamton, N. Y.	Plainville: F. B. Newton	8.50	9.03	19.81	20.00	9.90	11.00	47.78	4.98	4.50	4.98	4.50
2830	Moon's X. Geo. Q. Moon & Co., Binghamton, N. Y.	Stratford: Z. C. Ingersoll	9.55	7.04	24.00	24.00	7.85	10.00	46.46	5.10	5.00	5.10	5.00
971	Old Mill 20%. Fred C. Morse & Son, Guilford	Higganum: Felix Petrofsky	9.90	9.56	15.06	16.00	12.55	16.00	48.93	4.00	4.00	4.00	4.00
2760	Old Mill. Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son Guilford: Fred C. Morse & Son	9.65	8.46	21.88	20.00	7.23	9.00	48.55	4.23	4.50	4.23	4.50
			10.18	7.65	23.75	24.00	7.58	9.00	45.89	4.95	5.00	4.95	5.00

2781	<i>Domino 24½%</i> Nowak Milling Corp., Hammond, Ind.	<i>Bloomfield:</i> Bloomfield Farmers' Exchange	8.50	8.27	25.44	24.50	8.43	10.00	44.81	4.55	5.00
2835	<i>Big Value</i> Ontario Milling Co., Inc., Oswego, N. Y.	<i>Collinsville:</i> Rourke - Robotham Co., Inc.	9.13	6.98	20.25	20.00	10.81	10.00	48.10	4.73	4.50
2773	<i>Big Value, with Molasses</i> , Ontario Milling Co., Inc., Oswego, N. Y.	<i>Middletown:</i> P. Levson & Son ..	10.65	6.89	21.44	20.00	7.18	10.00	48.89	4.95	4.50
2774	<i>Butterfat Molasses</i> , Ontario Milling Co., Inc., Oswego, N. Y.	<i>Middletown:</i> P. Levson & Son ..	10.35	6.94	24.31	24.00	7.10	10.00	45.80	5.50	5.00
2536	<i>Uncle John's 24% Cream Pot.</i> Ontario Milling Co., Inc., Oswego, N. Y.	<i>Colchester:</i> L. Broder	8.68	7.05	24.25	24.00	8.13	9.00	46.21	5.68	5.50
2528	<i>Bet-R-Milk 20% Ration</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Lebanon:</i> Berkman Grain Co. ...	10.45	8.60	23.13	20.00	7.60	9.00	46.19	4.03	4.00
2586	<i>Claco</i> , Park & Pollard Co., Buffalo, N. Y.	<i>West Cheshire:</i> Cheshire Grain & Coal Co.	10.65	6.68	20.44	20.00	7.28	9.00	50.72	4.23	4.50
2985	<i>Claco</i> , Park & Pollard Co., Buffalo, N. Y.	<i>West Cheshire:</i> Cheshire Grain & Coal Co.	10.53	7.12	20.25	20.00	7.03	9.00	50.72	4.35	4.50
2558	<i>Milk Maid 24%, Sweetened</i> , Park & Pollard Co., Buffalo, N. Y.	<i>West Cheshire:</i> Cheshire Grain & Coal Co.	9.85	8.75	25.56	24.00	8.15	11.00	43.24	4.45	4.50
2638	<i>Overall 24%</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Naugatuck:</i> Spencer Grain Co. ...	8.83	8.16	24.50	24.00	8.53	9.00	45.10	4.88	4.50
2796	<i>Top Notch 16%</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Windsor:</i> Farmers' Grain & Hardware Co.	10.03	7.79	16.69	16.00	11.28	12.00	50.51	3.70	3.50
2862	<i>Pillsbury's</i> , Pillsbury Flour Mills, Minneapolis, Minn.	<i>New Milford:</i> Geo. T. Soule ...	9.03	7.88	20.81	20.00	8.50	10.00	48.75	5.03	5.00
2901	<i>Pratt's Sweet 24%</i> , Pratt Food Co., Buffalo, N. Y.	<i>Norwalk:</i> Frank Libner & Sons	9.13	8.98	25.13	24.00	8.75	10.00	43.16	4.85	4.00
2699	<i>Producer</i> , H. C. Puffer Co., Springfield, Mass.	<i>Simsbury:</i> Woods-Chandler Co. ...	9.13	6.68	25.50	24.00	7.83	8.50	46.06	4.80	4.00
2698	<i>Sweetened Producer</i> , H. C. Puffer Co., Springfield, Mass.	<i>Simsbury:</i> Woods-Chandler Co. ...	9.35	7.13	20.63	20.00	11.30	12.50	47.11	4.48	3.50

2696	Millstreams "Boomerang," Winchell Smith Grist Mill, Farmington	Farmington: Winchell Smith Grist Mill	9.10	6.58	24.38	24.00	6.60	10.00	48.49	4.85	6.00
2692	Millstreams "Twenty Percent," Winchell Smith Grist Mill, Farmington	Farmington: Winchell Smith Grist Mill	9.65	6.70	20.25	20.00	7.78	8.00	51.04	4.58	5.00
2581	Ansonia, I. Sovitsky Grain & Coal Co.	Ansonia: I. Sovitsky Grain & Coal Co.	8.55	7.60	19.69	20.00	11.18	9.70	48.18	4.80	5.90
2578	Hygrade 20 Sweetened Milk Ration, St. Albans Grain Co., St. Albans, Vt.	Shelton: Wolf Savitsky	9.90	6.58	20.19	20.00	7.13	8.50	51.82	4.38	4.00
2861	Hygrade 24 Sweetened Milk Ration, St. Albans Grain Co., St. Albans, Vt.	Kent: Kent Grain & Coal Co.	9.63	9.08	23.44	24.00	7.03	9.00	47.12	3.70	4.00
2518	King 22 Milk Ration, Sweetened St. Albans Grain Co., St. Albans, Vt.	Norwich: Norwich Grain Co.	9.88	7.35	22.25	22.00	8.93	9.00	47.19	4.40	4.50
2863	Paragon Sweetened, St. Albans Grain Co., St. Albans, Vt.	New Milford: Geo. T. Soule	8.65	14.22	21.94	22.00	10.65	12.00	40.64	3.90	4.00
2639	Wirthmore 16 Sweetened, St. Albans Grain Co., St. Albans, Vt.	Wallingford: Laden Bros.	10.98	8.33	16.88	16.00	6.70	8.00	52.63	4.48	4.00
2864	Wirthmore 20%, St. Albans Grain Co., St. Albans, Vt.	New Milford: Geo. T. Soule	8.95	5.96	20.19	20.00	7.68	8.50	52.37	4.85	5.00
2556	Wirthmore 20, Sweetened, St. Albans Grain Co., St. Albans, Vt.	Hamden: Ira W. Beers	9.88	8.25	20.38	20.00	7.43	8.00	49.11	4.95	4.75
2641	Wirthmore 25 Balanced Ration, St. Albans Grain Co., St. Albans, Vt.	Kensington: S. F. Labienec	8.83	7.95	24.50	25.00	8.68	9.00	44.54	5.50	5.00
2453	Wirthmore 25 Balanced Ration, Sweetened, St. Albans Grain Co., St. Albans, Vt.	Branford: S. V. Osborn Est.	10.10	7.11	25.38	25.00	8.40	8.50	43.91	5.10	4.75

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred											
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat			
				%	Found	Guaranteed, not less than	Found	Guaranteed, not more than	%	Found	Guaranteed, not less than	%	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>													
	<i>Dairy Feeds—Continued</i>													
2539	Onondaga, Syracuse Milling Co., Syracuse, N. Y.	Colchester: P. Cutler, Inc.	8.40	5.60	20.75	20.00	12.90	12.00	47.22	5.13	4.00			
2538	Syracuse, N. Y.	Colchester: P. Cutler, Inc.	8.80	4.98	23.94	24.00	9.55	12.00	47.90	4.83	4.50			
2782	Syracold Milk Ration, Syracuse Milling Co., Syracuse, N. Y.	Manchester: Little & McKinney	9.00	5.47	20.00	20.00	9.20	12.00	51.03	5.30	4.00			
1134	Economy, D. L. Talcott, Torrington	Torrington: D. L. Talcott	8.88	11.13	23.19	23.00	8.93	9.00	42.98	4.89	4.50			
2754	Thomaston, Thomaston Supply Co., Thomaston	Thomaston: Thomaston Supply Co.	9.18	8.30	21.88	20.00	8.90	8.00	46.71	5.03	6.00			
2677	E-Gee, Tioga-Empire Feed Mills, Waverly, N. Y.	Plainville: W. S. Eaton	11.35	7.18	21.19	20.00	7.10	10.00	48.78	4.40	3.50			
2593	Red Brand Tioga, Tioga-Empire Feed Mills, Waverly, N. Y. ...	Bethel: Morrison & Dunham ..	9.39	7.88	24.38	24.00	7.48	10.00	45.84	5.03	4.50			
1009	White Brand Tioga, Tioga- Empire Feed Mills, Waverly, N. Y.	Guilford: F. H. Rolf, Inc.	10.00	7.32	22.00	20.00	6.98	10.00	49.10	4.60	4.00			

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred							
			Water	Ash	Protein (N x 6.25)	Fiber	Nitrogen-free extract (starch, gum, etc.)	Fat	Guaranteed, not less than	Guaranteed, not less than
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	%	Found	%
	PROPRIETARY MIXED FEEDS— Continued									
	<i>Dairy Feeds—Concluded</i>									
855	Jumbo. Wayne Feed Mills, Fort Wayne, Ind.	New Britain: New Britain Bird Store	7.60	16.00	11.65	12.00	51.32	4.05	4.05	3.50
854	Wayne 20%. Wayne Feed Mills, Fort Wayne, Ind.	New Britain: New Britain Bird Store	7.80	22.75	8.25	11.00	47.09	3.63	3.63	4.00
853	Wayne 24%. Wayne Feed Mills, Fort Wayne, Ind.	New Britain: New Britain Bird Store	6.73	25.25	8.08	11.00	42.87	4.10	4.10	4.00
2818	<i>Stock Feeds</i> Amco 12% Filing Ration. American Milling Co., Peoria, Ill.	East Woodstock: Ralph T. Eddy	10.58	12.75	6.40	9.00	60.14	4.15	4.15	3.50
2738	Arcady. Arcady Farms Milling Co., Chicago, Ill.	New Britain: S. P. Strople	8.68	10.88	11.65	12.00	58.71	3.70	3.70	3.50
2976	Pennant. E. W. Bailey & Co., Montpelier, Vt.	New London: B. J. McCarthy	10.08	10.38	9.68	9.50	60.99	4.35	4.35	4.50
2550	Fortune. The Coles Co., Middletown	Colchester: David Shea	9.60	10.50	10.65	11.00	61.47	4.15	4.15	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%	%	
2768	<i>Stock Feeds—Concluded</i> <i>Fitting Ration.</i> Park & Pollard Co., Buffalo, N. Y.	Putnam: Bosworth Bros.	11.35	7.24	14.13	12.00	6.55	7.00	56.88	3.85	3.50	
2755	<i>P & P.</i> Park & Pollard Co., Buffalo, N. Y.	Thomaston: Thomaston Grain & Coal Co.	9.18	6.15	11.88	8.50	9.45	12.00	58.94	4.40	4.00	
2642	<i>Quaker Schumacher</i> Quaker Oats Co., Chicago, Ill.	Kensington: S. F. Labieniec ...	9.03	5.93	10.63	10.00	10.20	12.00	59.88	4.33	3.25	
2521	<i>Quaker Sugared Schumacher.</i> Quaker Oats Co., Chicago, Ill.	Colchester: J. Buratz	9.83	5.15	11.13	10.00	10.40	12.00	60.24	3.25	3.25	
2903	<i>White Star, Fine.</i> Quaker Oats Co., Chicago, Ill.	Norwalk: Frank Libner & Sons	8.45	5.31	9.50	9.00	13.23	14.00	59.21	4.30	3.00	
2495	<i>Purina Blue Checker Cow Chow.</i> Ralston Purina Co., St. Louis, Mo.	New London: New London Grain Co.	10.00	6.97	20.56	20.00	10.50	12.00	47.52	4.45	3.00	
2497	<i>Purina Fitting Chow Feed.</i> Ralston Purina Co., St. Louis, Mo.	New London: New London Grain Co.	11.75	6.41	14.00	13.50	8.83	12.00	54.91	4.10	2.60	

2800	<i>Purina</i> , Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.	9.98	5.59	10.13	7.20	10.23	12.00	61.17	2.90	2.30
2583	<i>Ansonia</i> , I. Sovitsky Grain & Coal Co., Ansonia	Manchester: I. Sovitsky Grain & Coal Co.	9.43	5.65	9.25	9.56	11.03	10.39	60.66	3.98	4.67
2519	<i>King</i> , St. Albans Grain Co., St. Albans, Vt.	Norwich: Norwich Grain Co.	9.15	4.67	9.88	9.00	10.03	10.00	60.02	6.25	4.00
2491	<i>Wirthmore 14 Fitting Ration</i> , St. Albans Grain Co., St. Albans, Vt.	Chester: Leete Bros.	11.38	6.28	14.75	14.00	6.20	7.00	57.11	4.28	4.00
2561	<i>Wirthmore</i> , St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co.	9.20	4.45	9.06	9.00	10.33	9.50	61.91	5.05	4.00
2537	<i>Syracuse</i> , Syracuse Milling Co., Syracuse, N. Y.	Colchester: P. Cutler, Inc.	9.45	4.68	9.44	9.00	9.83	12.00	63.02	3.58	3.00
2548	<i>Or-Co</i> , Tioga-Empire Feed Mills, Waverly, N. Y.	Guilford: F. H. Rolf, Inc.	11.83	7.10	17.63	15.00	7.50	10.00	52.59	3.35	3.50
2486	<i>Uncas</i> , Yantic Grain & Products Co., Norwich	Mystic: Mystic Grain Co.	9.90	5.77	9.25	9.00	8.70	12.00	62.78	3.60	4.00
2825	<i>Uncas</i> , <i>Sugared</i> , Yantic Grain & Products Co., Norwich	Mystic: Mystic Grain Co.	10.15	4.85	8.13	9.00	10.38	12.00	62.51	3.98	4.00
2598	<i>Calf Feeds, Etc.</i> Eastern States Farmers' Exchange, Springfield, Mass.	Norwich: A. E. Shedd	11.55	4.28	11.00	10.50	5.63	6.50	63.74	3.80	3.50
2750	<i>Beacon</i> , Beacon Milling Co., Inc., Cayuga, N. Y.	Bethlehem: A. T. Minor	9.25	4.33	24.63	25.00	2.88	6.00	54.86	4.05	3.00
1119	<i>Blatchford's</i> , Blatchford Meal Co., Waukegan, Ill.	New Milford: Geo. T. Soule	10.00	7.83	24.94	24.00	5.85	6.75	46.70	4.68	5.00
2694	<i>Blatchford's</i> , Blatchford Meal Co., Waukegan, Ill.	Farmington: Wincheil Smith Grist Mill	9.90	7.63	25.00	24.00	5.03	6.75	47.56	4.88	5.00
1017	<i>Elmore "Three Point"</i> , Elmore Milling Co., Oneonta, N. Y.	Hazardville: Amos D. Bridge's Sons	9.88	6.46	16.00	24.00	2.60	4.00	61.46	3.60	4.00
1325	<i>Elmore "Three Point"</i> , Elmore Milling Co., Oneonta, N. Y.	Hazardville: Amos D. Bridge's Sons	10.68	4.65	24.31	24.00	3.83	4.00	52.71	3.82	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat	
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— Continued		%	%	%	%	%	%	%	%	%	
2957	<i>Just Right</i> , Etc.— <i>Concluded</i> Calf Feeds, Jersey Co., Minne- apolis, Minn.		10.20	4.41	24.75	23.00	4.65	4.00	50.94	5.05	3.80	
1045	<i>Larro Hog Feed</i> , Larrowe Mill- ing Co., Detroit, Mich.	Guilford: Fred C. Morse & Son	8.43	6.30	19.06	18.00	9.35	10.00	51.08	5.78	5.00	
1135	<i>Milkade</i> , Park & Pollard Co., Buffalo, N. Y.	Collinsville: Lawton-Miner Co.	8.75	7.45	24.13	20.00	5.55	7.50	46.22	7.90	7.00	
2646	<i>Schumacher</i> , Quaker Oats Co., Chicago, Ill.	East Windsor: Leonard Grain Co.	8.18	5.20	20.38	18.00	3.48	4.00	55.36	7.40	8.00	
2660	<i>Purina Calf Chow Feed contain- ing Mineral</i> , Ralston Purina Co., St. Louis, Mo.	Hazardville: A. D. Bridge's Sons	10.33	5.33	27.69	27.00	4.35	4.50	47.85	4.45	3.20	
1188	<i>Purina Hog Fatena Feed con- taining Charcoal</i> , Ralston Pur- ina Co., St. Louis, Mo.	Farmington: Winchell Smith Grist Mill	13.38	6.63	15.06	14.00	5.83	6.00	55.65	3.45	3.00	
1189	<i>Purina Pig Chow Feed contain- ing Charcoal</i> , Ralston Purina Co., St. Louis, Mo.	Norwich: Norwich Grain Co... Norwich: Norwich Grain Co...	11.65	8.79	21.88	20.00	6.43	7.00	46.94	4.31	3.20	

2560	Wirthmore, St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co.	9.48	5.38	23.63	24.00	2.65	4.00	54.13	4.73	5.50
2778	Wirthmore Hog Feed, St. Albans Grain Co., St. Albans, Vt.	Granby: E. H. Rollins	10.03	7.14	16.63	15.00	6.13	7.00	55.22	4.85	4.50
2783	Wirthmore Pig Feed, St. Albans Grain Co., St. Albans, Vt.	West Willington: H. M. Hansen	9.95	10.83	20.75	17.00	5.28	9.00	48.01	5.18	4.00
936	Tioga, Tioga-Empire Feed Mills, Waverly, N. Y.	Guilford: F. H. Rolf, Inc.	9.65	6.59	22.19	21.00	4.60	7.00	51.84	5.13	4.00
937	Wayne, Wayne Feed Mills, Ft. Wayne, Ind.	New Britain: New Britain Bird Store	8.30	9.12	25.00	24.00	6.78	6.50	45.37	5.43	4.00
<i>Poultry Feeds</i>											
2607	Anco Egg Mash, American Milling Co., Peoria, Ill.	Danbury: C. S. Barnum & Son ..	9.60	8.68	20.06	20.00	4.75	7.00	51.56	5.35	4.00
2658	Arcady Beshet Laying Mash, Arcady Farms Milling Co., Chicago, Ill.	Meriden: Raymond Ives	9.58	7.93	18.25	20.00	7.15	9.00	52.91	4.18	4.00
2989	Arcady Beshet Laying Mash, Arcady Farms Milling Co., Chicago, Ill.	New Britain: S. P. Stropole	8.70	13.30	19.88	20.00	5.73	9.00	47.84	4.55	4.00
2659	Arcady Scratch Grains, Arcady Farms Milling Co., Chicago, Ill.	Meriden: Raymond Ives	12.25	1.65	10.50	10.00	2.63	5.00	70.07	2.90	2.50
2807	Pennant Scratch Feed, E. W. Bailey & Co., Montpelier, Vt.	West Willington: H. M. Hansen	12.15	1.26	9.38	10.00	2.43	6.50	72.25	2.53	3.00
2577	Auburn Scratch Feed, Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	12.18	1.78	9.94	9.00	2.45	5.00	71.30	2.35	2.50
1078	Beacon Broiler Feed, Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	9.85	7.10	16.81	16.00	4.38	6.00	57.06	4.80	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred						
			Water	Ash	Protein (N x 6.25)	Fiber	Nitrogen-free extract (starch, gum, etc.)	Fat	Fat
			%	%	Found Guaranteed, not less than	Found Guaranteed, not more than	%	%	Found Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— Continued								
	Poultry Feeds—Continued								
2872	Beacon Complete Starting Ration. Beacon Milling Co., Inc., Cayuga, N. Y.	Southbury: H. R. Stone	9.50	5.68	17.50	4.03	57.74	5.55	4.00
1080	Beacon Developer Feed. Beacon Milling Co., Inc., Cayuga, N. Y.	Southbury: H. R. Stone	10.05	1.95	12.19	2.00	70.26	3.55	2.50
2871	Beacon Duck Fattener. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son	9.50	6.82	15.50	4.23	58.85	5.10	5.00
2870	Beacon Duck Starter. Beacon Milling Co., Inc., Cayuga, N. Y.	Southbury: H. R. Stone	8.55	7.75	17.75	5.00	55.82	5.13	4.50
1075	Beacon Chick Feed. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son	11.05	1.92	12.00	1.60	69.03	4.40	2.50

1061	Beacon Egg Mash, with Butter-milk. Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	8.45	12.14	20.69	21.00	6.13	7.00	47.79	4.80	4.50
1076	Beacon Growing Mash. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	8.05	10.20	18.06	17.00	5.43	7.00	53.18	5.08	4.00
1079	Beacon Laying Mash. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	8.58	12.76	20.69	20.00	6.33	8.00	45.84	5.80	5.00
2608	Beacon Scratch Grains. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	12.20	1.48	10.06	9.00	2.60	5.00	71.41	2.25	2.00
2866	Beacon Special Scratch. Beacon Milling Co., Inc., Cayuga, N. Y.	New Milford: W. L. Richmond	11.70	1.55	10.13	9.00	2.53	3.50	71.89	2.20	2.50
1074	Beacon Starting Mash. Beacon Milling Co., Inc., Cayuga, N. Y.	Southbury: H. R. Stone	9.20	10.12	15.75	15.00	5.28	6.00	55.22	4.43	4.00
2576	Beacon Turkey Growing Mash. Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	9.43	11.05	15.25	15.00	6.83	6.00	52.64	4.80	4.00
2995	Beacon Turkey Growing Mash. Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	9.25	10.79	15.50	15.00	5.88	6.00	53.60	4.98	4.00
1062	Cayuga Laying Mash, with Buttermilk. Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co.	8.80	8.58	20.69	20.00	6.33	7.00	50.35	5.25	4.00
1077	Chariot Chick Feed. Beacon Milling Co., Inc., Cayuga, N. Y.	Danbury: C. S. Barnum & Son ..	11.88	1.82	10.88	10.00	1.65	5.00	69.82	3.95	2.50
2555	Beers' Laying Mash. Ira W. Beers, Hamden	Hamden: Ira W. Beers	10.08	6.69	19.00	19.00	6.23	7.00	52.97	5.03	5.50
2983	Beers' Laying Mash. Ira W. Beers, Hamden	Hamden: Ira W. Beers	10.18	8.09	19.88	19.00	6.28	7.00	50.24	5.33	5.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than			
	PROPRIETARY MIXED FEEDS— <i>Continued</i>												
	<i>Poultry Feeds—Continued</i>												
957	Beers' Scratch Feed, Ira W. Beers, Hamden	Hamden: Ira W. Beers	12.10	1.72	10.50	9.00	2.73	4.00	70.00	2.95	3.00	%	%
1161	Bristol Mash, Bristol Grain & Supply Co., Bristol	Bristol: Bristol Grain & Supply Co.	9.75	9.03	19.75	18.00	6.25	10.00	50.72	4.50	4.00	%	%
1050	Bristol Scratch Feed, Bristol Grain & Supply Co., Bristol	Bristol: Bristol Grain & Supply Co.	11.55	1.92	10.06	10.00	2.90	4.00	69.29	4.28	3.00	%	%
972	C. B. Growing Mash, C. Buckingham & Co., Southport	Southport: C. Buckingham & Co.	11.20	7.93	15.19	15.00	4.18	6.00	57.32	4.18	4.00	%	%
1247	C. B. Mash, C. Buckingham & Co., Southport	Southport: C. Buckingham & Co.	10.15	8.97	19.50	19.00	6.09	8.00	50.36	4.93	5.00	%	%
1249	C. B. Scratch Feed, C. Buckingham & Co., Southport	Southport: C. Buckingham & Co.	13.63	1.57	10.06	11.00	3.09	3.75	69.36	2.29	2.75	%	%
2895	C. B. Scratch Feed, C. Buckingham & Co., Southport	Southport: C. Buckingham & Co.	11.83	1.57	10.81	11.00	3.25	3.75	69.96	2.58	2.75	%	%
2978	Chicken Greens, California Hawaiian Milling Co., San Francisco, Cal.	Groton: C. W. Campbell Co.	8.20	13.40	20.06	20.00	17.00	18.00	38.69	2.65	....	%	%

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
1199	PROPRIETARY MIXED FEEDS— Continued Poultry Feeds—Continued Conkey's Gecco Growing Grains, G. E. Conkey Co., Cleveland, Ohio	New Haven: Frank S. Platt Co.	%	%	%	%	%	%	%	%	%	%	%
1124	Conkey's Gecco Growing Mash, with Buttermilk and Y-O, G. E. Conkey Co., Cleveland, Ohio	Ansonia: A. Hodos & Son	12.15	1.78	10.06	10.50	1.79	3.00	70.07	4.15	2.50	5.50	5.50
1122	Conkey's Gecco Scratch Grains, G. E. Conkey Co., Cleveland, Ohio	Ansonia: A. Hodos & Son	9.50	9.67	20.75	18.00	5.82	7.50	48.18	6.08	5.50	5.50	5.50
1123	Conkey's Scratch Grains, G. E. Conkey Co., Cleveland, Ohio ..	Ansonia: A. Hodos & Son	13.00	1.36	9.63	9.75	2.79	3.00	70.52	2.70	2.50	2.50	2.50
1198	Conkey's (The Original) Starting Feed, with Buttermilk and Y-O, G. E. Conkey Co., Cleveland, Ohio	Ansonia: A. Hodos & Son	12.70	1.41	10.44	9.75	3.06	3.50	69.89	2.50	1.75	1.75	1.75
		Middletown: Meech & Stoddard, Inc.	10.88	6.08	14.94	14.00	3.84	5.00	58.53	5.73	5.50	5.50	5.50

2667	C. A. Blue Seal Mash. C. A. Cowles, Plantsville	10.10	10.85	18.19	18.00	6.23	6.00	49.73	4.90	4.00
1098	Cowles' Scratch. C. A. Cowles, Plantsville	12.68	1.53	9.63	10.00	3.05	5.00	69.88	3.23	1.50
1206	Crosby's Egg Mash. Crosby Milling Co., Brattleboro, Vt.	10.10	10.70	19.00	20.00	6.02	7.00	49.23	4.95	4.00
1204	Crosby's Crittless Chick Feed. Crosby Milling Co., Brattleboro, Vt.	12.78	1.60	11.06	11.00	2.04	3.50	70.19	2.33	2.50
1205	Crosby's Growing Feed. Crosby Milling Co., Brattleboro, Vt.	11.00	10.76	18.00	15.00	5.03	4.50	50.21	5.00	4.50
2799	Crosby's Intermediate Chick Feed. Crosby Milling Co., Brattleboro, Vt.	11.68	1.53	11.25	10.00	1.80	3.50	70.26	3.48	2.50
1071	Crosby's Scratch Feed. Crosby Milling Co., Brattleboro, Vt.	12.50	1.58	10.25	11.00	3.03	5.00	69.61	3.03	3.00
1120	Davis' Buttermilk Mash Feed. R. G. Davis & Sons, New Haven	10.05	8.18	19.06	18.00	5.64	8.00	51.39	5.68	3.50
1121	Davis Scratch Feed. R. G. Davis & Sons, New Haven	13.40	1.74	10.50	10.00	2.99	5.00	68.69	2.68	2.00
1100	Delaware Chick Grams. Delaware Mills, Inc., Deposit, N. Y.	12.53	1.18	10.13	10.00	1.58	3.00	72.73	1.85	3.00
961	Delaware Chick Starting Mash. Delaware Mills, Inc., Deposit, N. Y.	10.28	9.00	17.63	15.00	5.40	5.00	51.86	5.83	4.00
1099	Double Circle Scratch Grams. Delaware Mills, Inc., Deposit, N. Y.	13.78	1.74	10.88	10.00	3.20	5.00	68.05	2.35	2.50
2672	Delaware Growing Mash (with Dried Buttermilk). Delaware Mills, Inc., Deposit, N. Y.	9.65	10.88	18.75	17.00	5.40	6.00	49.44	5.88	6.00
1016	Delaware Scratch Grams. Delaware Mills, Inc., Deposit, N. Y.	11.50	1.65	10.75	10.00	3.13	5.00	70.39	2.58	2.50
	Plantsville: C. A. Cowles	10.10	10.85	18.19	18.00	6.23	6.00	49.73	4.90	4.00
	Plantsville: C. A. Cowles	12.68	1.53	9.63	10.00	3.05	5.00	69.88	3.23	1.50
	Manchester: O. E. Bailey	10.10	10.70	19.00	20.00	6.02	7.00	49.23	4.95	4.00
	Shelton: Wolf Savitsky	12.78	1.60	11.06	11.00	2.04	3.50	70.19	2.33	2.50
	Manchester: O. E. Bailey	11.00	10.76	18.00	15.00	5.03	4.50	50.21	5.00	4.50
	Manchester: O. E. Bailey	11.68	1.53	11.25	10.00	1.80	3.50	70.26	3.48	2.50
	Shelton: Wolf Savitsky	12.50	1.58	10.25	11.00	3.03	5.00	69.61	3.03	3.00
	Ansonia: Ansonia Flour & Feed Co.	10.05	8.18	19.06	18.00	5.64	8.00	51.39	5.68	3.50
	Ansonia: Ansonia Flour & Feed Co.	13.40	1.74	10.50	10.00	2.99	5.00	68.69	2.68	2.00
	Southington: Southington Lumber Co.	12.53	1.18	10.13	10.00	1.58	3.00	72.73	1.85	3.00
	Southington: Southington Lumber Co.	10.28	9.00	17.63	15.00	5.40	5.00	51.86	5.83	4.00
	Southington: Southington Lumber Co.	13.78	1.74	10.88	10.00	3.20	5.00	68.05	2.35	2.50
	Southington: Southington Lumber Co.	9.65	10.88	18.75	17.00	5.40	6.00	49.44	5.88	6.00
	Thompsonville: Geo. S. Phelps & Co.	11.50	1.65	10.75	10.00	3.13	5.00	70.39	2.58	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred											
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat			
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than		
	PROPRIETARY MIXED FEEDS— <i>Continued</i>													
	<i>Poultry Feeds—Continued</i>													
2898	<i>Indian Laying Mash, with Dried Buttermilk.</i> Delaware Mills, Inc., Deposit, N. Y.		%	%	%	%	%	%	%	%	%	%	%	%
1088	<i>Indian Scratch Grains.</i> Delaware Mills, Inc., Deposit, N. Y.	Norwalk: Frank Libner & Sons	10.03	8.25	17.88	18.00	5.83	7.00	51.98	6.03	4.00			
2767	<i>Eastern States Egg Mash, Open Formula.</i> Eastern States Farmers' Exchange, Springfield, Mass.	Norwalk: Frank Libner & Sons	13.68	1.45	10.31	10.00	2.69	5.00	69.37	2.50	2.50			
2484	<i>Eastern States Milk Egg Mash, Open Formula.</i> Eastern States Farmers' Exchange, Springfield, Mass.	Abington: Joseph Stoddard Clinton: A. L. Lockwood	9.50	11.32	18.19	16.50	5.98	6.50	60.28	4.73	4.00			

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)	Fiber	Nitrogen-free extract (starch, gum, etc.)	Fat	Guaranteed, not less than	Guaranteed, not less than		
					Found	Guaranteed, not more than	Found	%	Found	%	Found	%
	PROPRIETARY MIXED FEEDS— <i>Continued</i>											
956	<i>Poultry Feeds—Continued</i> <i>Eshelman's Scratch Feed</i> , John W. Eshelman & Sons, Lan- caster, Pa.		%	%	%	%	%	%	%	%	%	%
1087	<i>Imperial Scratch Feed</i> , John W. Eshelman & Sons, Lancaster, Pa.	Hamden: Ira W. Beers	13.15	1.58	10.13	2.38	4.00	70.26	2.50	2.50	2.50	2.50
2601	<i>Pennsy Laying Mash</i> , John W. Eshelman & Sons, Lancaster, Pa.	Southport: C. Buckingham & Co.	11.95	1.59	10.31	3.15	4.00	70.47	2.53	2.50	2.50	2.50
2562	<i>Pennsy Scratch Feed</i> , John W. Eshelman & Sons, Lancaster, Pa.	Devon: Devon Coal & Ice Co. ...	9.85	8.35	20.56	7.80	8.00	46.99	6.45	5.00	5.00	5.00
1012	<i>Flory's Egg Mash</i> , Flory Mill- ing Co., Bangor, Pa.	Devon: Devon Coal & Ice Co. ... Bloomfield: Bloomfield Farmers Exchange	12.40	1.70	9.69	2.73	4.00	70.88	2.60	2.50	2.50	2.50
2790	<i>Flory's Scratch Feed</i> , Flory Milling Co., Bangor, Pa.	Bloomfield: Bloomfield Farmers Exchange	8.95	10.88	19.69	5.80	8.00	49.50	5.18	4.50	4.50	4.50
			12.30	1.47	10.13	2.75	4.00	70.52	2.83	2.50	2.50	2.50

1044	Larro Egg Mash. Larrow Milling Co., Detroit, Mich. ...	Collinsville: Lawton-Miner Co..	12.14	20.38	19.00	7.15	8.00	46.43	6.15	5.00
1043	Larro Growing Mash. Larrow Milling Co., Detroit, Mich. ...	Collinsville: Lawton-Miner Co..	8.83	17.13	16.00	5.63	6.50	53.81	5.45	5.00
2689	Homestead Dry Mash. C. W. Lines Co., New Britain ...	New Britain: C. W. Lines Co...	11.40	19.63	18.00	6.78	7.00	47.58	5.08	4.00
967	Homestead Scratch Feed. C. W. Lines Co., New Britain ...	New Britain: C. W. Lines Co...	1.60	10.38	9.00	2.78	5.00	71.01	2.45	2.50
966	Mill Pride Fancy Scratch Feed. C. W. Lines Co., New Britain ...	New Britain: C. W. Lines Co...	1.89	10.63	10.00	2.78	5.00	69.67	2.85	3.00
2687	Mill Pride Milk Mash. C. W. Lines Co., New Britain ...	New Britain: C. W. Lines Co...	12.75	18.88	18.00	7.33	7.50	47.51	4.55	5.00
2934	Common Sense Growing Mash. Litchfield County Cooperative Association, Torrington ...	Torrington: Litchfield Co-op. Assoc.	8.31	16.63	15.00	5.43	7.00	55.22	4.68	4.00
2933	Common Sense Laying Mash. Litchfield County Cooperative Association, Torrington ...	Torrington: Litchfield Co-op. Assoc.	7.71	16.00	15.00	5.65	7.00	56.06	4.45	4.00
2887	Square Deal Buttermilk Laying Mash. Long Hill Feed Store, Long Hill ...	Long Hill: Long Hill Feed Store	14.67	20.38	20.00	6.80	7.00	45.55	5.10	5.00
1140	Huntington Red Star Egg Mash. E. Manchester & Sons, Winsted ...	Winsted: E. Manchester & Sons	11.93	16.25	15.00	6.44	6.00	50.96	4.49	4.00
1137	Red Star Egg Mash. E. Manchester & Sons, Winsted ...	Winsted: E. Manchester & Sons	11.58	18.38	16.00	6.28	8.00	47.82	5.63	4.00
1141	Red Star Scratch Feed. E. Manchester & Sons, Winsted ...	Winsted: E. Manchester & Sons	13.30	10.44	10.00	3.53	6.00	68.34	2.63	3.00
1138	Red Star Starting and Growing Mash. E. Manchester & Sons, Winsted ...	Winsted: E. Manchester & Sons	11.14	17.94	15.00	6.73	6.00	49.28	4.68	4.00
2867	Bull Brand Laying Mash, with Dried Buttermilk. Maritime Milling Co., Buffalo, N. Y. ...	Brookfield: S. A. Smith & Son	10.47	21.38	20.00	6.45	8.00	46.92	5.43	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat			
					Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than		
	PROPRIETARY MIXED FEEDS— <i>Continued</i>												
1096	<i>Poultry Feeds—Continued</i> Bull Brand Red-E-Mixt Egg Mash, Maritime Milling Co., Buffalo, N. Y.	New Milford; Geo. E. Ackley Co.	9.83	9.75	18.31	18.00	6.45	9.00	50.68	4.98	5.00		
1097	Bull Brand Scratch Feed, Maritime Milling Co., Buffalo, N. Y.	New Milford; Geo. E. Ackley Co.	10.83	1.65	10.94	10.00	3.55	4.00	70.38	2.65	2.50		
1142	Jersey Dry Mash, Maritime Milling Co., Buffalo, N. Y.	Riverton; L. A. Coe	10.63	7.73	18.38	18.00	6.14	9.00	51.57	5.55	5.00		
2440	Chick Starter, Meech & Stoddard, Inc., Middletown	Middletown; Meech & Stoddard, Inc.	9.80	14.98	14.25	13.00	5.35	5.00	50.87	4.75	4.00		
1197	Red Wing Special Buttermilk Growing Feed, Meech & Stoddard, Inc., Middletown	Middletown; Meech & Stoddard, Inc.	9.88	14.05	18.63	17.00	5.42	8.00	47.32	4.70	5.50		
2772	Red Wing Special Buttermilk Growing Feed, Meech & Stoddard, Inc., Middletown	Middletown; Meech & Stoddard, Inc.	8.93	12.62	18.56	17.00	6.60	8.00	48.04	5.25	5.50		

1196	Red Wing Special Buttermilk Laying Mash, Meech & Stoddard, Inc., Middletown	Middletown: Meech & Stoddard, Inc.	10.63	11.13	17.00	17.00	6.13	8.00	50.23	4.88	5.50
1254	Red Wing Special Chick Feed, Meech & Stoddard, Inc., Middletown	Middletown: Meech & Stoddard, Inc.	15.23	1.52	9.63	10.00	4.00	5.00	67.24	2.38	3.00
2494	Red Wing Special Intermediate Chick Feed, Meech & Stoddard, Inc., Middletown	Essex: Meech & Stoddard, Inc.	12.45	1.85	11.38	10.00	2.88	5.00	68.14	3.30	3.00
2674	Memo All Mash Ration, Mennel Milling Co., Toledo, Ohio	Plainville: W. S. Eaton	10.10	8.75	16.88	16.00	4.40	5.00	54.04	5.83	4.50
2954	Mennel's Mixed Grains, Mennel Milling Co., Toledo, Ohio	Plainville: W. S. Eaton	11.80	1.35	9.94	10.00	2.75	5.00	71.33	2.83	3.00
2430	Moon's Baby Chick Grains, Geo. Q. Moon & Co., Binghamton, N. Y.	Manchester: I. W. Campbell	12.95	1.47	9.81	10.00	1.00	2.50	73.59	1.18	3.00
1127	Moon's Laying Mash, with Dried Buttermilk, Geo. Q. Moon & Co., Binghamton, N. Y.	Waterville: Wooster Feed Store	9.83	9.65	19.31	20.00	6.16	9.00	50.05	5.00	4.00
1163	Moon's Scratch Feed, Geo. Q. Moon & Co., Binghamton, N. Y.	Manchester: I. W. Campbell	13.30	1.46	9.94	10.00	3.18	5.00	69.67	2.45	2.00
3015	Moon's Special A Laying Mash, with Buttermilk, Geo. Q. Moon & Co., Binghamton, N. Y.	Plainville: F. B. Newton	7.85	12.86	19.88	18.00	6.50	9.00	46.91	6.00	5.00
2833	C. B. Mash, Moran-Paton Co., New Haven	New Haven: Moran & Paton Co.	9.58	8.35	18.44	18.00	7.52	7.00	50.41	5.70	4.00
2764	Old Mill Growing Mash, Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son	9.78	6.85	16.81	15.00	6.18	6.00	55.20	5.18	5.00
2761	Old Mill Laying Mash, Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son	9.33	11.95	21.13	19.00	6.18	8.00	45.93	5.48	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred												
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat				
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	%	Found	%			
	PROPRIETARY MIXED FEEDS— <i>Continued</i>														
	<i>Poultry Feeds—Continued</i>														
1034	Old Mill Laying Mash, with Milk. Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son	9.95	8.05	20.31	20.00	7.00	8.00	49.54	5.15	5.00				
1036	Old Mill Scratch Feed. Fred C. Morse & Son, Guilford	Guilford: Fred C. Morse & Son	12.13	1.78	10.75	10.00	3.08	4.00	69.63	2.63	3.00				
1219	Genesee Scratch Grains. Newman Bros. Grain Co., Rochester, N. Y.	Hazardville: Amos D. Bridge's Sons.	13.70	1.48	9.69	10.00	2.75	3.00	70.25	2.13	2.50				
1049	Mystic Laying Mash. Newman Bros. Grain Co., Rochester, N. Y.	Hazardville: Amos D. Bridge's Sons.	8.83	14.56	19.19	17.00	5.90	10.00	46.49	5.03	4.00				
2776	Aunt Mary's Egg Mash, with Dried Buttermilk. Ontario Milling Co., Oswego, N. Y.	Middletown: P. Levson & Son.	9.25	11.72	20.19	19.00	5.78	8.50	47.43	5.63	4.00				
1940	Aunt Mary's Scratch Feed. Ontario Milling Co., Oswego, N. Y.	Collinsville: Rourke-Robotham Co.	11.80	1.55	10.63	10.00	3.18	5.00	70.21	2.63	2.50				

1041	<i>Oswego Egg Mash, with Meat and Fish</i> , Ontario Milling Co., Oswego, N. Y.	<i>Collinsville: Rourke - Robotham Co.</i>	8.45	12.88	18.00	18.00	6.35	8.50	49.02	5.30	4.00
1054	<i>Osborn Mash</i> , S. V. Osborn Est., Branford	<i>Branford: S. V. Osborn Est.</i>	9.78	6.17	14.38	14.38	6.40	8.00	59.69	3.58	3.00
1038	<i>Osborn Scratch</i> , S. V. Osborn Est., Branford	<i>Branford: S. V. Osborn Est.</i>	11.50	1.70	10.38	10.00	2.58	5.00	71.26	2.58	2.00
2884	<i>Bidwell Dry Mash</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Bridgeport: Samp Morter Mills</i>	8.78	10.75	18.38	18.00	5.70	10.00	52.29	4.10	1.50
1057	<i>Bidwell Scratch Feed</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Plainville: F. B. Newton</i>	11.95	1.79	10.63	10.00	2.85	5.00	69.60	3.18	1.50
1056	<i>Growing Feed</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Plainville: F. B. Newton</i>	11.05	8.08	15.25	14.00	5.00	8.00	56.74	3.88	3.00
2789	<i>Intermediate Chick Feed</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Bloomfield: Bloomfield Farmers' Exchange</i>	12.40	1.37	10.25	10.00	2.50	5.00	70.53	2.95	3.00
1055	<i>Lay or Bust Dry Mash</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Plainville: F. B. Newton</i>	10.40	10.90	19.38	18.00	5.55	8.00	50.32	3.45	3.00
1066	<i>Park & Pollard Chick Starter</i> , Park & Pollard Co., Buffalo, N. Y.	<i>Shelton: Shelton Feed Co.</i>	12.20	5.71	14.94	14.00	4.10	5.00	59.85	3.20	3.00
928	<i>Red Ribbon Chick Feed</i> , Park & Pollard Co., Buffalo, N. Y.	<i>West Cheshire: Cheshire Grain & Coal Co.</i>	11.88	1.65	10.00	10.00	1.80	5.00	72.03	2.64	3.00
927	<i>Red Ribbon Scratch Feed</i> , Park & Pollard Co., Buffalo, N. Y.	<i>West Cheshire: Cheshire Grain & Coal Co.</i>	12.30	1.78	10.19	10.00	2.63	5.00	69.90	3.20	3.00
1200	<i>Platico Laying Mash</i> , Frank S. Platt Co., New Haven	<i>New Haven: Frank S. Platt Co.</i>	9.05	11.19	21.88	20.00	5.04	7.00	46.51	6.33	5.50
1201	<i>Platico Perfection Grain Mixture</i> , Frank S. Platt Co., New Haven	<i>New Haven: Frank S. Platt Co.</i>	12.13	1.70	10.31	10.00	3.49	3.50	69.27	3.10	3.00
1058	<i>Puritan Scratch Feed</i> , W. W. Potter & Sons, Greenfield, Mass.	<i>Bloomfield: Bloomfield Farmers' Exchange</i>	11.83	1.79	10.63	10.00	3.60	2.50	69.35	2.80	3.00
1089	<i>Pratt's Baby Chick Food, with Buttermilk</i> , Pratt Food Co., Buffalo, N. Y.	<i>Norwalk: Frank Libner & Sons</i>	9.68	7.98	13.06	13.00	3.05	3.80	61.85	4.38	3.50

2899	<i>Pratt's Victory Large Scratch Feed</i> , Pratt Food Co., Buffalo, N. Y.	Norwalk: Frank Libner & Sons	11.80	1.68	10.75	10.00	2.53	5.00	70.59	2.65	2.50
930	<i>Pratt's Victory Laying Mash with Buttermilk</i> , Pratt Food Co., Buffalo, N. Y.	Bristol: Bristol Grain & Supply Co.	8.65	10.88	20.19	20.00	5.90	8.00	48.08	6.30	4.00
1082	<i>Quaker Ful-O-Pep Chick Starter</i> , Quaker Oats Co., Chicago, Ill.	Devon: Devon Coal & Ice Co. . .	8.30	7.98	15.75	15.00	5.58	6.00	56.19	6.20	5.00
1108	<i>Quaker Ful-O-Pep Egg Mash</i> , Quaker Oats Co., Chicago, Ill.	Norwalk: Frank Libner & Sons	8.30	10.07	20.06	20.00	6.52	8.00	49.45	5.60	4.00
1111	<i>Quaker Ful-O-Pep Fine Chick Feed</i> , Quaker Oats Co., Chicago, Ill.	Seymour: Seymour Grain & Coal Co.	10.45	1.63	11.81	11.00	1.80	2.00	71.03	3.28	2.50
1107	<i>Quaker Ful-O-Pep Growing Mash</i> , Quaker Oats Co., Chicago, Ill.	Norwalk: Frank Libner & Sons	7.78	9.19	18.88	19.00	5.35	6.00	52.92	5.88	5.00
955	<i>Quaker Ful-O-Pep Scratch Grains</i> , Quaker Oats Co., Chicago, Ill.	Hamden: Ira W. Beers	12.30	1.68	10.50	9.00	3.00	3.50	69.22	3.30	2.00
1083	<i>Schumacher's Little Chick Feed</i> , No Grit, Quaker Oats Co., Chicago, Ill.	Devon: Devon Coal & Ice Co. . .	11.38	1.62	10.19	10.00	2.28	2.00	71.59	2.94	2.00
1095	<i>Schumacher's Scratch Grains</i> , No Grit, Quaker Oats Co., Chicago, Ill.	Danbury: C. S. Barnum & Son . .	11.55	1.59	10.25	10.00	2.45	3.50	71.41	2.75	2.00
934	<i>Purina Baby Chick Chow Feed</i> , Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich	11.50	1.61	10.63	10.00	2.13	4.00	71.28	2.85	2.00
2653	<i>Purina Chicken Chowder Feed containing Mineral</i> , Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich	9.80	11.25	21.00	19.00	6.68	8.00	46.59	4.68	3.50
2907	<i>Purina Chicken Fat Chow Feed containing Mineral</i> , Ralston Purina Co., St. Louis, Mo.	Stamford: Clapboard Hill Feed Co.	10.25	4.40	16.19	15.50	3.95	5.00	61.36	3.85	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than			
	PROPRIETARY MIXED FEEDS— <i>Continued</i>												
2566	<i>Poultry Feeds—Continued</i> Purina Chicken Fatena Feed containing Mineral. Ralston Purina Co., St. Louis, Mo. . . .	Straitford: Farmers' Flour & Grain Co.	%	%	%	%	%	%	%	%	%	%	%
932	Purina Chick Growena Feed containing Mineral. Ralston Purina Co., St. Louis, Mo. . . .	Meriden: H. Grulich	10.38	12.44	12.00	6.25	6.60	62.20	4.15	3.00			
931	Purina Chick Startena Feed containing Mineral. Ralston Purina Co., St. Louis, Mo. . . .	Meriden: H. Grulich	8.78	17.19	16.30	6.15	7.00	54.55	5.00	4.00			
2806	Purina Hen Chow Feed. Ralston Purina Co., St. Louis, Mo. . . .	Meriden: H. Grulich	8.35	19.94	19.00	5.53	7.00	50.79	5.83	4.00			
933	Purina Intermediate Hen Chow Feed. Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.	12.05	10.13	10.00	2.88	4.00	69.88	3.35	2.50			
2496	Purina Lay Chow Feed contain- ing Mineral. Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich New London: New London Grain Co.	11.78	10.00	10.00	1.90	4.00	72.17	2.80	2.50			
			10.43	17.19	17.00	7.73	8.00	49.85	3.95	2.50			

2869	Winner Scratch Feed.	Ralston Purina Co., St. Louis, Mo.	Danbury:	H. E. Meeker	11.53	1.53	10.38	9.50	2.58	4.00	70.73	3.25	2.00
2431	Diamond Intermediate Feed.	Rockville Grain & Coal Co., Rockville	Manchester:	Manchester Grain Co.	13.13	1.70	10.75	10.00	1.75	3.00	68.99	3.68	3.00
2432	Diamond Scratch Feed.	Rockville Grain & Coal Co., Rockville	Manchester:	Manchester Grain Co.	13.93	1.56	9.63	10.00	2.58	4.00	70.40	1.90	2.50
1117	Hubbard's Egg Producer.	F. H. Rolf, Inc., Guilford	Guilford:	F. H. Rolf, Inc.	8.73	13.38	24.69	22.00	5.49	5.00	42.61	5.10	4.00
1327	Rolf's Chic Grains.	F. H. Rolf, Inc., Guilford	Guilford:	F. H. Rolf, Inc.	13.80	1.42	9.81	10.00	1.80	4.00	69.92	3.25	4.00
1116	Rolf's Chic Mash.	F. H. Rolf, Inc., Guilford	Guilford:	F. H. Rolf, Inc.	7.93	13.96	19.31	17.00	4.85	6.00	49.30	4.65	3.00
1328	Rolf's Scratch Grains.	F. H. Rolf, Inc., Guilford	Guilford:	F. H. Rolf, Inc.	13.40	1.76	10.63	9.00	3.24	4.00	67.12	3.85	3.00
1101	Atlas Poultry Greens.	A. W. Scott & Co., San Francisco, Cal.	Wallingford:	A. E. Hall	7.75	10.03	17.88	20.00	23.33	18.00	38.93	2.08	2.00
1159	See-More Egg Mash	Buttermilk, Seymour Grain & Coal Co., Seymour	Seymour:	Seymour Grain & Coal Co.	9.43	11.81	18.88	18.00	5.18	7.00	50.17	4.53	4.50
1160	See-More Egg Scratch Feed.	Seymour Grain & Coal Co., Seymour	Seymour:	Seymour Grain & Coal Co.	12.48	1.58	10.31	10.00	3.08	6.00	69.42	3.13	3.00
1068	Nelson's Laying Mash.	Shelton Feed Co., Shelton	Shelton:	Shelton Feed Co.	10.63	7.38	17.19	16.00	7.40	8.00	52.47	4.93	4.00
1067	Nelson's Mixed Chicken Feed.	Shelton Feed Co., Shelton	Shelton:	Shelton Feed Co.	13.23	1.62	10.00	10.00	2.58	5.00	69.47	3.10	1.50
1144	Mill Streams "Fortune Hunter" Scratch Grains.	Winchell Smith Grist Mill, Farmington	Farmington:	Winchell Smith Grist Mill	12.85	1.91	10.38	10.00	3.15	3.00	67.83	3.88	2.50
1143	Mill Streams "Lighthouse" Laying Mash.	Winchell Smith Grist Mill, Farmington	Farmington:	Winchell Smith Grist Mill	10.35	10.10	20.50	16.00	5.33	8.00	49.38	4.29	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred									
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat	
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS—Continued											
	<i>Poultry Feeds—Continued</i>											
2582	Ansonia Egg Mash, with Butter-milk, I. Sovitsky Grain & Coal Co., Ansonia	I. Sovitsky Grain & Coal Co.	10.28	10.20	20.00	18.69	5.53	5.70	48.29	5.70	5.70	6.61
2993	Ansonia Egg Mash, with Butter-milk, I. Sovitsky Grain & Coal Co., Ansonia	I. Sovitsky Grain & Coal Co.	9.30	8.83	19.38	18.69	6.20	5.70	49.99	6.30	6.61	6.61
2742	Ansonia Scratch Feed, I. Sovitsky Grain & Coal Co., Ansonia	I. Sovitsky Grain & Coal Co.	11.48	1.63	10.75	10.63	2.85	2.72	70.56	2.73	2.29	2.29
1165	King Baby Chick Food (containing Cod Liver Meal, Buttermilk), St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	10.85	6.29	17.81	16.50	3.58	5.00	57.47	4.00	4.00	4.00
1164	King, Chick Feed, St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	12.80	1.51	10.38	10.00	1.40	4.00	71.43	2.48	2.50	2.50
1169	King Growing Feed (containing Buttermilk), St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	10.75	7.77	17.06	15.00	5.88	5.00	51.99	6.55	4.00	4.00

1166	King Intermediate Chick Feed. St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Gra: Co.	12.50	1.40	10.19	10.00	1.79	3.50	71.12	3.00	2.50
1170	King Mash Feed (containing Buttermilk). St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	10.85	9.57	19.06	19.50	5.54	7.50	50.78	4.20	4.00
1190	King Scratch Feed. St. Albans Grain Co., St. Albans, Vt.	Norwich: Norwich Grain Co. ...	13.60	1.62	10.56	10.00	2.74	5.50	68.88	2.60	2.50
2640	Paragon Scratch Feed. St. Albans Grain Co., St. Albans, Vt.	Meriden: H. Grulich	12.20	1.83	10.50	10.00	2.83	5.00	69.89	2.75	2.50
926	Wirthmore All Grain Chick Feed (Fine Chick Scratch). St. Al- bans Grain Co., St. Albans, Vt.	Plantsville: C. A. Cowles	12.18	1.39	10.44	10.00	1.68	3.50	71.81	2.50	2.50
925	Wirthmore Baby Chick Starter (containing Cod Liver Meal- Buttermilk). St. Albans Grain Co., St. Albans, Vt.	Plantsville: C. A. Cowles	10.88	6.23	16.75	17.00	3.63	5.00	58.36	4.15	4.00
1053	Wirthmore Growing Feed (con- taining Buttermilk). St. Al- bans Grain Co., St. Albans; Vt.	Branford: S. V. Osborn Est. ...	9.25	10.69	17.50	15.00	5.90	5.00	51.68	4.98	4.50
2449	Wirthmore Growing Feed (con- taining Buttermilk). St. Al- bans Grain Co., St. Albans, Vt.	East Haven: F. A. Forbes	11.68	8.37	16.25	15.00	5.30	5.00	53.67	4.73	4.50
924	Wirthmore Intermediate Chick (Coarse Chick Scratch). St. Albans Grain Co., St. Albans, Vt.	Hamden: Ira W. Beers	12.33	1.68	11.00	10.00	2.03	3.50	69.69	3.27	2.50
1051	Wirthmore Laying Mash (con- taining Buttermilk). St. Al- bans Grain Co., St. Albans, Vt.	Gulford: Fred C. Morse & Son	8.53	10.22	20.31	20.00	5.53	7.00	49.93	5.48	4.00
923	Wirthmore Scratch Feed. Albans Grain Co., St. Albans, Vt.	Hamden: Ira W. Beers	13.38	1.71	11.25	10.00	2.43	4.00	68.68	2.55	2.50

1103	Syracold Laying Mash, with Buttermilk, Syracuse Milling Co., Syracuse, N. Y.	East Bridgeport: J. Simon	9.65	11.23	18.31	18.00	8.63	9.00	46.98	5.20	3.00
1106	Syracold Scratch Grains, Syracuse Milling Co., Syracuse, N. Y.	Southport: C. Buckingham & Co. Thomaston: Thomaston Supply Co.	12.50	1.59	9.75	10.00	2.55	5.00	70.89	2.72	2.50
1128	Thomaston Egg Mash, Thomaston Supply Co., Thomaston	Thomaston: Thomaston Supply Co.	9.23	14.23	17.94	20.00	6.68	7.00	47.39	4.53	4.50
1129	Thomaston Scratch Feed, Thomaston Supply Co., Thomaston	Thomaston: Thomaston Supply Co.	12.73	1.68	10.13	10.00	3.40	5.00	69.11	2.95	3.00
2852	Chicotine, Tioga-Empire Feed Mills, Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	10.10	7.58	22.88	18.00	3.85	6.00	50.26	5.33	3.00
2853	Egatime, Tioga-Empire Feed Mills, Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	9.90	8.15	24.75	23.00	4.95	6.00	46.95	5.30	2.50
2679	Derby E Gee Scratch Feed, Tioga-Empire Feed Mills, Waverly, N. Y.	Collinsville: Lawton-Miner Co.	12.48	1.65	10.19	9.00	2.88	4.50	70.27	2.53	2.04
2855	Tioga Chick and Growing Mash, Tioga-Empire Feed Mills, Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	10.95	5.76	16.56	12.00	4.75	6.00	57.00	4.98	2.00
2854	Tioga Laying Food, Tioga-Empire Feed Mills, Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	9.50	7.15	20.25	17.00	5.75	6.00	51.65	5.70	2.50
2844	Tioga Neverfail Chick Grains, Tioga-Empire Feed Mills, Waverly, N. Y.	Torrington: Litchfield Co-op. Assoc.	11.43	1.18	10.25	10.00	1.05	3.50	72.81	3.28	3.00
2856	Tioga Neverfail Growing Grains, Tioga-Empire Feed Mills, Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	11.78	1.38	10.31	10.00	1.60	4.00	71.78	3.15	2.50
2838	Tioga Neverfail Poultry Grain, Tioga-Empire Feed Mills, Waverly, N. Y.	Torrington: Litchfield Co-op. Assoc.	11.88	1.55	10.00	9.00	3.05	4.79	70.99	2.53	2.08

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Continued

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred										
			Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)		Fat		
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than			
	PROPRIETARY MIXED FEEDS—Continued												
2531	<i>Poultry Feeds—Concluded</i> <i>Ubiko All Mash Complete Laying Ration.</i> Ubiko Milling Co., Cincinnati, Ohio	Lebanon: Berkman Grain Co. . .	%	%	%	%	%	%	%	%	%	%	%
2600	<i>Ubiko All Mash Developer.</i> Ubiko Milling Co., Cincinnati, Ohio	Lebanon: Berkman Grain Co. . .	9.13	7.85	17.69	16.00	5.03	6.00	55.07	5.23	3.50		
1005	<i>Vitality Egg Mash.</i> Vitality Mills, Inc., Chicago, Ill.	Lebanon: Berkman Grain Co. . .	10.18	6.45	16.31	14.00	4.43	5.00	58.18	4.45	4.00		
1007	<i>Vitality Scratch Feed (No Grit).</i> Vitality Mills, Inc., Chicago, Ill.	Meriden: Raymond Ives	9.38	13.36	19.19	20.00	5.65	8.00	46.49	5.93	4.00		
938	<i>Wayne All Mash Chick Starter.</i> Wayne Feed Mills, Fort Wayne, Ind.	Meriden: Raymond Ives	12.30	1.89	11.06	10.00	2.78	5.00	68.84	3.13	2.50		
852	<i>Wayne Egg Mash.</i> Wayne Feed Mills, Fort Wayne, Ind.	New Britain: New Britain Bird Store New Britain: New Britain Bird Store	10.03	6.72	17.50	16.00	5.05	6.00	55.65	5.05	4.00		
			7.25	8.80	18.00	18.00	5.68	7.00	55.24	5.03	3.50		

ANALYSES

2690	Pure Dried Skim Milk Powder. Eastern Grain Co., Bridge- water, Mass.	New Britain: C. W. Lines Co...	5.90	7.85	34.38	32.00	....	....	51.04	0.83	0.75
2858	Butterfly Brand Dried Skimmilk. S. T. Edwards & Co., Chicago, Ill.	Winsted: E. Manchester & Sons	6.53	7.50	35.19	32.00	....	....	49.83	0.95	0.25
2479	Yankee Dried Buttermilk. S. T. Edwards & Co., Chicago, Ill.	Guilford: Fred C. Morse & Son	6.75	7.85	33.75	32.00	....	....	50.02	1.63	4.00 ¹
2929	Yankee Dried Buttermilk. S. T. Edwards & Co., Chicago, Ill.	Guilford: Fred C. Morse & Son	6.43	7.72	33.63	32.00	....	....	50.57	1.65 ¹	4.00 ¹
1015	Fairmont's Better Pure Flake Buttermilk. Fairmont Cream- ery Co., Omaha, Neb.	Thompsonville: Geo. S. Phelps & Co.	7.85	13.95	27.88	32.00	....	....	40.89	9.43	6.00
2628	Frisbie's Poultry Feed. L. T. Frisbie Co., New Haven	Westville: R. G. Davis & Sons.	6.13	36.18	44.50	45.00	....	....	3.31	9.88	8.00
1130	Frisbie's Poultry Feed. L. T. Frisbie Co., New Haven	Thomaston: Thomaston Supply Co.	5.45	29.80	52.00	50.00	....	....	4.63	8.12	8.00
2791	Frisbie's Poultry Feed. L. T. Frisbie Co., New Haven	Bloomfield: Bloomfield Farmers' Exchange	6.25	28.21	53.63	55.00	....	....	2.13	9.78	8.00
960	Gorton's Codfish Meal. Gorton- Pew Fisheries Co., Gloucester, Mass.	Plantstville: C. A. Cowles	6.28	38.63	52.06	55.00	....	....	2.08	0.95	0.10
2753	Gorton's Codfish Meal. Gorton- Pew Fisheries Co., Gloucester, Mass.	Thomaston: Thomaston Supply Co.	4.80	36.10	56.13	55.00	1.53	1.00	0.31	1.13	0.10
2146	Edible Bone. Hafeigh & Com- pany, Philadelphia, Pa.	Norwich: Norwich Grain Co...	6.92	67.39	23.06	....	....	....	0.22	2.41	....
2964	Land O'Lakes Dried Skim Milk. Land O'Lakes Creameries, Inc., Minneapolis, Minn.	West Cheshire: Cheshire Grain & Coal Co.	6.53	8.20	34.00	30.00	....	....	49.64	1.63	0.50

¹ Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1929—Concluded

Station No.	Manufacturer and Brand	Retail Dealer	Pounds per Hundred								
			Water	Ash	Protein (N x 6.25)	Fiber	Nitrogen-free extract (starch, gum, etc.)	Fat			
			%	%	Guaranteed, not less than	Found	Guaranteed, not more than	%	Found	%	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— Concluded										
2808	<i>Beef Scraps, etc.—Concluded</i> <i>Cooked Meat & Bone Scrap.</i> A. G. Markham & Co., Spring- field, Mass.	Stafford Springs: Dennis Grain Mill	7.33	25.74	55.88	50.00	.....	.....	2.22	8.83	8.00
2882	<i>Marsh's Pure Ground Scraps for Poultry.</i> Geo. E. Marsh Co., Lynn, Mass.	Stafford Springs: Dennis Grain Mill	5.43	34.25	41.25	40.00	.....	.....	6.62	12.45	8.00
2632	<i>Morse's Meat Scraps.</i> Jas. F. Morse & Co., Somerville, Mass.	Hartleyville: W. A. Honan, Inc. Seymour: Seymour Grain & Coal Co.	6.25	36.75	41.00	40.00	.....	.....	7.60	8.40	8.00
2670	<i>Blue Seal Meat Scraps.</i> N. E. By-Products Corp., Lawrence, Mass.	Plantsville: C. A. Cowles	6.70	32.03	46.75	50.00	1.58	3.00	2.21	10.73	5.00
2987	<i>Blue Seal Meat Scraps.</i> N. E. By-Products Corp., Lawrence, Mass.	Plantsville: C. A. Cowles	6.28	30.28	48.00	50.00	1.48	3.00	1.66	12.30	5.00
2748	<i>White Seal Meat Scraps.</i> N. E. By-Products Corp., Lawrence, Mass.	Watertown: Watertown Co-op- erative Assoc.	5.73	43.49	39.63	40.00	1.28	4.00	1.59	8.28	5.00

2510	Register Brand Meat Scrap. John Reardon & Sons Co., Cambridge, Mass.	Westerly: C. W. Campbell Co.	5.20	35.40	44.63	45.00	1.70	3.00	2.07	11.00	6.00
2509	Register Brand Meat Scrap. John Reardon & Sons Co., Cambridge, Mass.	Westerly: C. W. Campbell Co.	5.50	28.90	54.25	55.00	1.60	3.00	1.45	8.30	6.00
2813	Edible Bone Flour for Cattle & Poultry. The Rogers & Hubbard Co., Portland	Willimantic: Willimantic Grain Co.	8.55	67.03	24.00	23.85	....	....	0.12	0.30	0.25
2527	Edible Steamed Bone. The Rogers & Hubbard Co., Portland	Norwich: Norwich Grain Co.	3.75	85.70	5.81	5.00	....	....	4.41	0.33	....
1110	Chic-Chuck "The Ideal Concentrated Poultry Food." Russia Cement Co., Gloucester, Mass.	Seymour: Seymour Grain & Coal Co.	4.83	35.51	53.31	45.00	1.69	1.00	3.53	1.13	0.10
2237	Shoemaker's "Swift-Sure" 50% Meat & Bone Scrap. M. L. Shoemaker & Co., Philadelphia, Pa.	New Milford: Geo. T. Soule ...	6.13	28.46	48.38	50.00	1.74	3.00	1.76	13.53	6.00
2597	Slugg's Dried Skim Milk. W. G. Slugg, Milwaukee, Wis.	Guilford: F. H. Rolf, Inc.	6.98	8.78	34.56	30.00	....	....	48.90	0.78	0.50
2707	Springfield Poultry Feed. Springfield Rendering Co., Springfield, Mass.	Hazardville: A. D. Bridge's Sons	6.63	36.35	45.63	45.00	....	....	3.26	8.13	8.00
1112	Stanley's Meat & Bone Scrap. John T. Stanley Co., New York City	Danbury: C. S. Barnum & Son ..	7.28	29.58	46.31	45.00	1.77	3.00	5.01	10.05	10.00
935	Struven's Fish Meal. Chas. M. Struven & Co., Baltimore, Md.	Wallingford: A. E. Hall	9.78	21.26	57.19	55.00	0.68	2.00	4.26	6.83	4.00
2812	P. W. Meat Scraps. Worcester Rendering Co., Auburn, Mass.	Willimantic: Willimantic Grain Co.	6.10	30.21	48.50	45.00	1.45	6.00	2.81	10.93	8.00
2526	P. W. Special Meat Scrap. Worcester Rendering Co., Auburn, Mass.	Norwich: Norwich Grain Co. ...	7.80	24.73	56.25	55.00	1.90	5.00	0.59	8.73	8.00

TABLE II. ANALYSES OF FEEDS SUBMITTED BY INDIVIDUALS

Station No.	Material	Submitted by	Pounds per Hundred					
			Water %	Ash %	Protein (N x 6.25) %	Fiber %	Nitrogen-free extract (starch, gum, etc.) %	Ether extract (Crude fat) %
	<i>Dairy Feeds</i>							
1858	Dairy Ration	<i>New Haven:</i> Ambrose Allen	8.55	7.38	19.50	10.48	49.12	4.97
1020	Eastern States Full Pail 20%	<i>Wallingford:</i> Barnes & Co.	7.93	7.01	20.50	7.73	52.25	4.58
1021	20% Open Formula Feed A	<i>Wallingford:</i> Barnes & Co.	7.83	5.18	20.63	8.10	52.83	5.43
1022	20% Open Formula Feed B	<i>Wallingford:</i> Barnes & Co.	8.83	7.25	20.06	7.70	51.68	4.48
2937	Dairy Feed	<i>Litchfield:</i> Harry Borgeson	8.50	5.68	21.75	8.93	51.01	4.13
1683	Basic Dairy Ration No. 2	<i>Clintonville:</i> John Carlson	11.80	7.74	19.56	7.48	48.78	4.64
3127	Syragold 24% Dairy Ration	<i>New Canaan:</i> Clapboard Hill Co., Inc.	8.77	6.20	19.50	10.80	53.26	5.23
9919	Dairy Ration	<i>Middletown:</i> The Coles Co.	10.16	6.44	21.31	9.30	48.92	4.87
9871	Dairy Feed	<i>Meriden:</i> Grulich & Son	9.35	8.18	17.63	9.15	49.00	3.74
2960	Dairy Feed	<i>Wallingford:</i> Laden Bros.	9.63	8.18	17.63	11.03	49.00	4.83
872	Dairy Ration	<i>Middlefield:</i> The Lyman Farm	8.81	7.08	21.88	9.40	47.95	4.53
2180	Dairy Ration	<i>Harford:</i> New York Feed & Grain Co.	8.81	7.08	21.88	9.40	47.95	4.88
2918	Paragon Dairy Feed	<i>Stepney Depot:</i> Nusbaum's Feed Store	7.83	8.15	23.06	10.10	46.21	4.65
2822	Dairy Mixture, Sample No. 1	<i>Southbury:</i> H. R. Stone	9.85	7.15	23.75	7.73	46.97	4.55
2823	Special Sample No. 2	<i>Southbury:</i> H. R. Stone	9.55	7.60	20.00	11.73	46.47	4.65

1731	20% Dairy Feed	8.33	19.13	10.14	49.45	4.80
2025	Dairy Feed 20%	8.47	19.88	9.70	47.90	5.90
2110	Ansonia Dairy Feed 20%	9.42	19.88	9.99	48.78	4.53
2026	Ansonia Stock Feed	9.19	9.56	10.39	61.24	4.67
662	Big (Y) Dairy Ration	7.58	24.63	7.50	47.11	5.05
819	Big (Y) Dairy Ration	8.13	23.00	7.63	47.63	4.18
3158	Abington Dairy Feed	7.13	22.00	12.15	....	3.95
<i>Horse Feeds</i>						
515	Alfalfa Leaf Meal	7.23	15.31	13.03	44.35	2.70
9920	California Leaf Meal	6.71	18.31	17.08	36.16	1.99
3139	Pulverized Oats	7.48	....	14.25	....	5.20
<i>Poultry Feeds</i>						
8179	Mash No. 1	7.05	17.75	5.68	55.93	4.70
8180	Mash No. 2	6.80	17.38	6.08	57.39	5.33
8472	Dry Mash A	6.33	16.75	6.53	56.32	4.58
8473	Dry Mash B	6.25	18.25	6.13	55.75	4.78
2891	Edible Steamed Bone	87.03	5.56	....	0.23	0.23
2732	Mash No. 1	9.28	22.44	5.73	49.17	3.60
2733	Mash No. 12	9.93	22.06	3.93	49.50	3.75
2961	Growing Feed	9.68	17.06	4.33	56.88	5.40
2962	Laying Mash	9.40	17.13	4.80	56.78	6.03
1594	Mash No. 1	7.88	16.50	7.15	56.02	2.70
1595	Mash No. 2	8.06	17.25	5.57	55.66	3.71
8901	Mash A	11.05	17.38	5.80	....	4.70
<i>Ansonia: I. Sovitsky Grain & Coal Co.</i> <i>Ansonia: I. Sovitsky Grain & Coal Co.</i> <i>Ansonia: I. Sovitsky Grain & Coal Co.</i> <i>Ansonia: I. Sovitsky Grain & Coal Co.</i> <i>Norwich: Yantic Grain & Products Co.</i> <i>Norwich: Yantic Grain & Products Co.</i> <i>Norwich: Yantic Grain & Products Co.</i> <i>Glastonbury: B. O. Bailey</i> <i>Norwich: Yantic Grain & Products Co.</i> <i>Norwich: Yantic Grain & Products Co.</i> <i>West Cheshire: Cheshire Grain & Coal Co.</i> <i>West Cheshire: Cheshire Grain & Coal Co.</i> <i>Middleton: The Coles Co.</i> <i>Middleton: The Coles Co.</i> <i>New Haven: G. Davis & Sons.</i> <i>Windsor: L. W. Hudson</i> <i>Windsor: L. W. Hudson</i> <i>Wallingford: Laden Bros.</i> <i>Wallingford: Laden Bros.</i> <i>South Coventry: E. W. Latimer</i> <i>South Coventry: E. W. Latimer</i> <i>Guilford: Fred C. Morse & Son</i>						

TABLE II. ANALYSES OF FEEDS SUBMITTED BY INDIVIDUALS—Concluded

Station No.	Material	Submitted by	Pounds per Hundred						
			Water	Ash	Protein (N x 6.25)	Fiber	Nitrogen-free extract (starch, gum, etc.)	Ether extract (Crude fat)	
			%	%	%	%	%	%	
	<i>Poultry Feeds—Concluded</i>								
8902	Mash B	Guilford: Fred C. Morse & Son	11.05	11.14	16.50	5.55	51.61	3.25	
1532	Starting Mash	Thomaston: Mary Pfundt	9.13	8.06	16.69	6.30	51.61	5.13	
9005	Laying Mash	Meriden: Reliable Grain & Feed Co.	11.10	2.36	19.19	6.74	70.90	2.70	
1730	Scratch Grains	Ansonia: I. Sovitsky Grain & Coal Co.	9.93	10.15	15.19	5.55	55.77	3.41	
1732	Mash	Ansonia: I. Sovitsky Grain & Coal Co.	10.10	7.79	18.69	5.70	51.11	6.61	
2027	Buttermilk Egg Mash	Ansonia: I. Sovitsky Grain & Coal Co.							
	<i>Maize Products</i>								
304	Gluten Feed A	Middletown: The Coles Co.	7.55	7.23	26.50	7.95	48.22	2.55	
306	Gluten Feed B	Middletown: The Coles Co.	7.58	8.36	27.06	8.08	45.69	3.23	
2306	Corn Meal No. 1	Kensington: S. F. Labieniec	13.45	14.04	14.04	14.04	14.04	14.04	
2310	Corn Meal No. 2	Kensington: S. F. Labieniec	14.04	14.04	14.04	14.04	14.04	14.04	
2310	Whole Corn	Norwalk: Frank Libner & Sons	10.20	9.85	9.85	9.85	9.85	9.85	
8842	Cracked Corn	Norwalk: Frank Libner & Sons	9.85	9.69	9.69	9.69	9.69	9.69	
8842	Corn Flakes	Meriden: William S. O'Brien	9.69	0.53	9.00	0.46	79.67	0.65	
1911									
	<i>Miscellaneous</i>								
2342	Bread Meal	Storrs: A. R. Merrill	11.48	2.43	12.19	0.57	69.42	3.91	
3128	Calf Meal No. 1	Chester: Leet Bros.	.....	.....	24.50	2.53	.....	5.90

MISCELLANEOUS MATERIALS

In addition to feed samples listed in Table II, which were submitted for the regular fodder analysis, 42 other samples were examined which for the most part require no particular comment.

Many of these were feeds suspected of having caused sickness or death of poultry. In such cases, unless conspicuous poisons can be detected, the probable cause of the trouble experienced cannot be determined. Although it is conceivable that some ingredient in the feed may be responsible, it is altogether more probable that the results were due to other causes. Thus, an instance came to our notice where a large portion of a flock of chicks died, the deaths beginning to occur at about the time a change of feed was made. This particular feed was replaced by another brand of similar type and at the time the suspected feed was submitted mortality in the flock had practically ceased. Under the circumstances suspicion attached rather strongly to the feed, but careful examination revealed nothing to justify or confirm that suspicion. Bacteriological examination (made elsewhere) of the dead chicks showed that the flock was infected with white diarrhea. This story is typical of many complaints that accompany samples of feed submitted, and while the explanation may not always be the same as in the instance cited, some other disease of an epidemic nature may be the cause.

Several samples of Fos-for-us poultry grits were submitted for determinations of fluorine. The manufacturers of this product point out that this is not ordinary rock phosphate, which may contain from 3 to 4 per cent of fluorine and from which unfavorable results due to fluorine have been noted in feeding experience. Fos-for-us is said to contain 70 per cent of calcium carbonate, 25 per cent of calcium phosphate, the balance being chiefly iron, sulfur and silica. Our examination of the samples submitted showed total calcium (CaO), ranging from 48.90 to 49.98 per cent; total phosphorus (P_2O_5), from 8.78 to 10.60 per cent; and fluorine (Fl.), from 0.1 to 0.25 per cent. So far as we can judge these small amounts of fluorine are not sufficient to give cause for suspicion or alarm.

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