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COMMERCIAL FEEDING STUFFS
REPORT ON INSPECTION
1930

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

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Agricultural Experiment Station
New Haven

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10/8/31

New York state hills.

Donor

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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.

GROWTH OF FEED INSPECTION IN CONNECTICUT

Although the chief business of the Station at the time of its foundation was the examination of fertilizers, the composition of fodder materials has always been given considerable attention. In the first report of the Station as a State institution, 1877, it appears that only nine samples of feeding stuffs were examined, but increasing attention was given to this subject in the years that followed. An exhaustive compilation of analyses of American feeding stuffs based upon the most reliable information then available was prepared by the Station and published by the Office of Experiment Stations in May, 1891. In 1899 the legislature passed a law regulating the sale of concentrated commercial feeding stuffs. This made it the duty of the Dairy Commissioner to enforce the act and authorized the Station to collect samples annually, analyze them and publish a report thereon. No registration was required and no fees or taxes were imposed. Under this plan, and until 1924, approximately 200 samples were examined each year. In 1925 the law was revised to require an annual registration of all brands of concentrated commercial feeds offered for sale in the State. A fee of \$15 was imposed for each brand registered and no further fees or taxes were required. As before, the Station is responsible for the administration of the law in regard to the business of registrations, inspection, analysis of samples and publication of results. The Dairy and Food Commissioner is responsible for bringing about corrective action in cases of violation of the provisions of the act.

Under the amended law the number of official samples examined increased to 488 in 1925 and in the year just closed, 1930, the number was still further increased to almost 700. In addition to samples examined for purposes of official inspection a considerable number of samples is submitted by purchasers and others for chemical or microscopical examinations, so that the total for all samples in this department of work during the past year is nearly 1,000.

This substantial increase in required work has necessitated a modification in the inspection program. As heretofore, most of the sampling is done in the early fall months, but a spring inspection is also necessary in order to secure samples of certain types of poultry feeds, which are not available later in the year. It should be noted that this work must be coördinated with that

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.

required by three other major inspections, that is, fertilizers, food and drugs, and with other miscellaneous work, all of which is carried on in the same department and by the same staff.

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 more than 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 cotton seed 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 manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; 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.

¹ Bull. Imm. Inf. 60, June, 1927.

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 the law that 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.

Although 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, 1930, to December 31, 1930

One hundred and seventy-seven firms and individuals have registered 939 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

Allied Mills, Inc., Chicago, Ill.

- Amco 24% Batch Mix (Formula "B")
- Amco Calf Meal
- Amco Chick Grains
- Amco Egg Mash
- Amco 18% Dairy Ration
- Amco 12% Fitting Ration
- Amco 20% Flexible Formula Dairy Ration (Formula "C")
- Amco 24% Flexible Formula Dairy Ration (Formula "B")
- Amco Growing Mash with Meat Scraps
- Amco Horse Feed
- Amco Intermediate Scratch Grains
- Amco 20% National Dairy Ration
- Amco Old Process Linseed Meal and Old Process Screenings Oil Feed
- Amco Scratch Grains
- Amco Starting and Growing Mash with Dried Buttermilk
- Amco 16½% Sucrene Dairy Ration
- Amco Super Egg Mash
- Amco 28% Supplement Pig Meal
- Corn Feed Meal
- Corn and Oats Provender
- Cracked Corn
- Emergency Hog Feed
- June Pasture
- Sucrene All Mash Poultry Feed
- Sucrene Egg Mash
- Sucrene Scratch Feed
- Tip Top Scratch Grains
- Universal Scratch Grains
- Wayne All Mash Chick Starter
- Wayne All Mash Chick Starter, With Cod Liver Oil
- Wayne All Mash Grower

Wayne All Mash Grower, With Cod Liver Oil
 Wayne Chick Feed
 Wayne Crate Fattener
 Wayne Egg Mash
 Wayne Ideal 16% Dairy Ration
 Wayne Scratch Feed
 Wayne Supreme Horse Feed
 Wayne Turkey Mash
 White Hominy Feed

Ernest E. Allyn, Bloomfield, Conn.

Monarch Dairy Feed, Sweetened

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

Cream of Corn Gluten Feed

Apothecaries Hall Co., Waterbury, Conn.

Liberty Cooked Meat Scrap for Poultry 45%

Liberty Cooked Meat Scrap for Poultry 60%

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

Advanced Registry Dairy Feed

Arcady Besbet Growing Mash

Arcady Besbet Laying Mash

Arcady Chick Grains

Arcady Scratch Grains

Arcady Stock Feed

Milkers Ready Ration

Old Colony Feed

Peerless Milk Ration

Sweet 16 Dairy Feed

Wonder Dairy Ration

Wonder Horse and Mule Feed

Wonder Starting Mash

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

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

Bailey's Fitting Ration

Bailey's Open Formula Dairy Feed 20%

Bailey's Open Formula Dairy Feed 24%

Capital Dairy Ration

Capital Dairy Ration, Sweetened

Capital Mixed Feed

Favorite Dairy Ration

Favorite Dairy Ration, Sweetened

"Our Own" Dairy Ration

"Our Own" Dairy Ration, Sweetened

Pennant Stock Feed

Pennant Stock Feed, Sweetened

Pennant Scratch Feed

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's Cayuga Developer Feed
Beacon's Cayuga Growing Mash
Beacon's Cayuga Horse Feed
Beacon's Cayuga Laying Mash with Buttermilk
Beacon's Cayuga Scratch Feed
Beacon Chick Feed
Beacon Complete Starting Ration
Beacon Dairy Ration
Beacon Developer Feed
Beacon Duck Fattener
Beacon Duck Growing Mash
Beacon Duck Starter
Beacon Egg Mash with Buttermilk
Beacon Fleshing Mash and Crate Fattener
Beacon Growing Mash
Beacon Hog Feed
Beacon Horse Feed
Beacon Scratch Grains
Beacon Special Scratch Grains
Beacon Sweet "24"
Beacon "20"
Beacon Turkey Growing Feed
Be-Co-Lass
Cayuga Stock Feed
Chariot Developer Feed
Chariot Horse Feed
Corn and Oat Chop

Ira W. Beers, Hamden, Conn.

Beers' Laying Mash
Beers' Scratch Feed

Black Rock Milling Corp., Buffalo, N. Y.

Bidwell Dry Mash
Bidwell 20% Dairy Ration
Bidwell 24% Dairy Ration
Bidwell Scratch Feed

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

Borden Sales Co., Inc., 350 Madison Ave., New York City.

Borden's Anilac

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

Success Dairy Ration

Bristol Grain & Supply Co., Bristol, Conn.

Bristol Mash
Bristol Scratch

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

"Owl Brand" 41% Prime Cottonseed Meal

L. Broder, Colchester, Conn.

L. B. Milk Ration

C. Buckingham & Co., Inc., 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.

Buffalo Flour Mills Corp., Wheat Bran
Buffalo Flour Mills Corp., Wheat Standard Middlings

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

Burck-Brand Dried Skim Milk

California Hawaiian Milling Co., Inc., 330 Ritch St., San Francisco, Calif.

Chicken Greens C and H

C. W. Campbell Co., Westerly, R. I.

Campbell Fitting Ration
Egg-O Dry Mash
Egg-O Growing Feed
Egg-O Scratch Feed
No-Botheration Dairy Ration 20%
No-Botheration Dairy Ration 24%
Provender
Xtra Vim Molasses Horse Feed

Canada Linseed Oil Mills, Ltd., Montreal, Que.

"Maple Leaf" 34% Linseed Oilcake Meal

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

Alfalfa Meal

Chapin & Co., Hammond, Ind.

Ajax Egg Mash
Ajax Dairy Ration 16%
Ajax Dairy Ration 20%
Ajax Dairy Ration 24%
Ajax Horse Feed
Ajax Scratch Feed
Broiler Ration
Centaur Fitting Ration
Chapin Kernels Grow-All
Chapin Kernels Lay-All
Chapin Kernels Start-All
Corn & Oat Chop
Unicorn Chick Starter
Unicorn Coarse Chick

Unicorn Dairy Ration 20%
Unicorn Dairy Ration 24%
Unicorn Egg Mash
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
Renco Scratch Feed

Coles Co., Middletown, Conn.

Capital 20% Molasses Dairy Feed
Fortune Egg Mash with Dried Buttermilk
Fortune Scratch Feed
Selco 24% Molasses Dairy Feed

Collis Products Co., Clinton, Iowa.

Collis Process Pure Dried Buttermilk
Collis Process Pure Dried Skim Milk

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

Conkey's All Grain Horse and Mule Feed (with Linseed Meal,
Molasses and Salt)
Conkey's Chick Grains
Conkey's Dairy Feed 24% Protein
Conkey's Gecco Chick Grains
Conkey's Gecco Dairy Feed 20% Protein
Conkey's Gecco Egg Mash
Conkey's Gecco Egg Mash with Y-O
Conkey's Geccofat 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 Red Seal Dairy Feed 16% Protein
Conkey's Red Seal Scratch Grains
Conkey's Scratch Grains
Conkey's (The Original) Starting Feed with Buttermilk and Y-O
Superior Scratch Grains

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

Conn. Fat Rend. & Fert. Corp. Meat

Consolidated By-Products 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

Consumers Import Co., Inc., 115 Broad St., New York City.
"CIC Brand"

Coöperative GLF Exchange, Inc. (Dairy Feed Service), 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 Sales Co., 17 Battery Place, New York City.
Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

C. A. Cowles, Plantsville, Conn.
Cowles Blue Seal Mash
Cowles 20% Dairy Ration
Cowles 24% Dairy Ration
Cowles Scratch Feed

Charles M. Cox Co., Boston, Mass.
Argentine Wheat Bran
Argentine Wheat Standard Middlings
Brazilian Wheat Bran
Lake Woods Pure Shorts (Lake of the Woods Mfg. Co., Montreal, Que.)
Lake Woods Wheat Bran (Lake of the Woods Mfg. Co., Montreal, Que.)
Pioneer Wheat Bran (Western Canada Flour Mills Co., Ltd., Toronto, Ont.)
Pioneer Wheat Shorts (Western Canada Flour Mills Co., Ltd., Toronto, Ont.)
Sherwin-Williams Screwpress Linseed Oil Cake (Sherwin-Williams Co. of Canada, Ltd.)

Crosby Milling Co., Brattleboro, Vt.
Crosby's Balanced 25 Ration
Crosby's Buttermilk Baby Chick Food
Crosby's 22% Dairy Feed
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

R. G. Davis & Sons, Inc., New Haven, Conn.
Basic Dairy Ration
Davis Buttermilk Mash
Davis Horse Feed
Davis #1 Provender
Davis Scratch Feed
Davis Stock Feed
20% Open Formula

- C. C. Davison Milling Corp., Geneva, N. Y.**
Fancy Wheat Bran
- Decatur Milling Co., Decatur, Ill.**
Homco Brand Hominy Feed
- Delaware Mills, Inc., Deposit, N. Y.**
Delaware Chick Starting Mash (with Dried Buttermilk)
Delaware Dairy Feed
Delaware Growing Mash with Dried Buttermilk
Delaware 85% Horse Feed
Delaware Intermediate Chick Grains
Delaware Scratch Grains
Delaware Stock Feed
Delco Sweet 20% Dairy Feed
Double Circle Scratch Grains
Indian Laying Mash
Indian Scratch Grains
New York Feed and Grain Special Dairy Feed
- Denver Alfalfa Manufacturing & Products Co., Lamar, Col.**
Alfalfa Leaf Meal
Alfalfa Meal
- Dewey Bros. Co., Blanchester, Ohio.**
Corn Distillers Dried Grains
- Dominion Flour Mills, Ltd., Montreal, Que.**
Wheat Bran
Wheat Shorts
- Dry Milk Co., Inc., 15 Park Row, New York City.**
Chikora
- Duluth-Superior Milling Co., Duluth, Minn.**
Boston Mixed Feed
Duluth Imperial Wheat Bran
- Arthur G. Dunn, 82 Wall St., New York City.**
Argentine Wheat Bran
Argentine Wheat Standard Middlings
- Eastern Grain Co., Bridgewater, Mass.**
Pure Dried Skim Milk Powder
- Eastern States Farmers' Exchange, Springfield, Mass.**
Eastern States Calf Ration
Eastern States Egg Mash
Eastern States Egg Mash with Cod Liver Oil
Eastern States Fitting Ration
Eastern States Fulpail Dairy Ration
Eastern States Highland 20
Eastern States Horse Feed
Eastern States Milk Egg Mash
Eastern States Milk Egg Mash (with Cod Liver Oil)
Eastern States Milkmore Dairy Ration

Eastern States Pure Ground Corn and Oats
Eastern States Scratch Grains W/Cracked Corn
Eastern States Sixteen
Eastern States Starting and Growing Mash
Eastern States Starting and Growing Mash (with Cod Liver Oil)

S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.

Butterfly Dried Skimmed Milk (for Animal and Poultry Feed)
Yankee Dried Buttermilk (for Animal and Poultry Feed)

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

Elmore Chixsaver
Elmore Egg Mash
Elmore Growing 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 Milk Grains (Sweetened)
Elmore Milk Grains Junior
Elmore Pure Ground Corn and Oats
Elmore Scratch Feed
Elmore Stock Feed
Elmore's Super-Silage
Elmore's Sweet Digesto Dairy Feed
Elmore "Three Point" Calf Meal
Elmore-Waldorf Formula
Elmore's "Xtragood" Wheat Feed
Emco Feed
Emco Scratch Feed
Otsego Economy Ration
Granger Ration

John W. Eshelman & Sons, Lancaster, Pa.

Dried Beet Pulp
Eshelman Baby Chick Starter
Eshelman Certified 20% Dairy Ration
Eshelman Certified 24% Dairy Ration
Eshelman Certified Fitting Ration
Eshelman Certified Growing Mash
Eshelman Certified Laying Mash
Eshelman Conestoga 18% Dairy Feed
Eshelman Corn & Oats Chop
Eshelman Fattening Mash
Eshelman Golden Rod 25% Dairy Feed
Eshelman Growing Mash
Eshelman Hog Meal
Eshelman Imperial Scratch Feed
Eshelman Lancaster 20% Dairy Feed
Eshelman Lancaster 60% Horse Feed
Eshelman Lancaster Scratch Feed
Eshelman Laying Mash
Eshelman Liberty Horse Feed
Eshelman Open Formula 20% Dairy Feed
Eshelman Pennsy 16% Dairy Feed
Eshelman Pennsy Scratch Feed
Eshelman Red Rose Chick Feed

Eshelman Red Rose 24% Dairy Feed
Eshelman Red Rose 85% Horse Feed
Eshelman Red Rose Scratch
Eshelman S-O-S Feed
Eshelman Steam-Cooked Horse Feed
Eshelman Stock Feed
Eshelman Susquehanna Dairy Feed
Eshelman Wheat Flour Middlings
Eshelman Wheat Red Dog

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Flory's Stock Feed
Golden Egg Laying Mash
Golden Egg Scratch Feed
Record Dairy Feed
Record Horse Feed
Record Stock Feed
Reddog Flour
Sunray Stock Feed

Forbes Feed Mill, East Haven, Conn.

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

Fort Schuyler Farms, Inc., 49 Franklin Building, Utica, N. Y.

Fort Schuyler Farms Superior Quality Powdered Skim Milk for Poultry and Stock Feeding

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

Frisbie's Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry
Frisbie's Poultry Feed 45%
Frisbie's Poultry Feed 50%
Frisbie's Poultry Feed 55%

General Mills, Inc., Minneapolis, Minn.

Eventually Gold Medal Chick Feed—No Grit
Eventually Gold Medal Chick Starter
Eventually Gold Medal Dairy Ration
Eventually Gold Medal Developing Feed—No Grit
Eventually Gold Medal Egg Mash (with Dried Buttermilk)
Eventually Gold Medal Growing Mash (with Dried Buttermilk)
Eventually Gold Medal Hog Feed
Eventually Gold Medal Scratch Feed—No Grit
Washburn's Gold Medal Fancy Mixed Feed
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

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

Gorton's Codfish Meal

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

Grandin's Baby Chick Feed
Grandin's Baby Chick Starter with Buttermilk
Grandin's Growing Mash with Buttermilk
Grandin's Hog 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
Grandin's Sweetened Horse Feed
M-S (Money Saver) 20% Sweet Dairy Feed
M-S (Money Saver) 24% Sweet Dairy Feed

Hafleigh & Co., Philadelphia, Pa.

Pure Raw Edible Bone Meal

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

College Horse Feed
H & H Dairy Ration
H & H White Stock Feed
Kingfalfa Horse 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

Hecker H-O Co., Inc., Buffalo, N. Y.

Re-Ground Oat Feed

Hecker-Jones-Jewell Milling Co., 297 Fourth Ave., 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

Hershey Creamery Co., Harrisburg, Pa.

"Chick-O-Lac"
"Hershey's Superior Powdered Skim Milk"

Hubinger 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

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand Cottonseed Meal
Danish Brand Cottonseed Feed
Dixie Brand Cottonseed Meal

Imperial Grain & Milling Co., Toledo, Ohio.

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran
Blackhawk Wheat Flour Middlings
Blackhawk Wheat Red Dog
Blackhawk Wheat Standard Middlings

Henry James & Son, Inc., 20 Stockbridge St., Springfield, Mass.

Cooked Meat and Bone Scrap
Special Cooked Meat and Bone Scrap

Jersee Co., Minneapolis, Minn.

Just Right Calf Meal
Just Right Chick Starter No. 1
Just Right Dairy Ration 20%
Just Right Egg Mash

M. B. Jones & Co., Inc., Produce Exchange, New York City.

Argentine Wheat Bran
Argentine Wheat Middlings
Brazilian Standard Middlings
Brazilian Wheat Bran

Kansas Flour Mills Corp., Kansas City, Mo.

• Big Flake Pure Wheat Bran

Kellogg Co., Battle Creek, Mich.

White Hominy Feed

Kellogg & Miller, Inc., Amsterdam, N. Y.

"K & M" Brand Pure Old Process Linseed Oil Meal

Spencer Kellogg & 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

King Midas Mill Co., Minneapolis, Minn.

Wheat Standard Middlings and Ground Wheat Screenings

Kraft-Phenix Cheese Corp., 400 Rush St., Chicago, Ill.

Kraco Milk Sugar Feed

Charles A. Krause Milling Co., Milwaukee, Wis.

Badger White Hominy Feed

S. F. Labieniec, Kensington, Conn.

Dry Mash

Reliable 24% Dairy Feed

Emil F. Lackman, Long Hill, Conn.

Long Hill Feed Store Special Scratch

Square Deal Buttermilk Laying Mash

Square Deal Dairy Ration

Laden Bros. Co., Inc., 115 South Colony St., Wallingford, Conn.

Laden's Chick Starter

Laden's Dairy Feed

Laden's Growing Mash

Laden's Laying Mash

Land O'Lakes Creameries, Inc., Minneapolis, Minn.

Dried Buttermilk

Dried Skimmilk

Larabee Flour Mills Co., Kansas City, Mo.

Pure Winter Wheat Bran

Winter Wheat Bran and Wheat Screenings

Larrowe Milling Co., Box 68, North End Station, Detroit, Mich.

Dried Beet Pulp

Dried Molasses Beet Pulp

Imported Dried Beet Pulp

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
 41% Protein Cottonseed Meal, Prime Quality
 43% Protein Cottonseed Meal, Choice Quality

Lincoln Farm Products Corp., 407 East 31st St., New York City.
 Farm Brand Meat Scrap

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

Homestead Dry Mash
 Homestead Scratch Feed
 Mill Pride Dairy Ration
 Mill Pride Dry Mash
 Mill Pride Scratch Feed

Litchfield County Coöperative Asso., Torrington, Conn.

Common Sense Dairy
 Common Sense Growing Mash
 Common Sense Laying Mash

L. B. Lovitt & 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 Mash

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

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

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

B-B (Bull Brand) All Mash Vitamized Chick Starter Ration with
 Dried Buttermilk and Cod Liver Oil
 B-B (Bull Brand) Chick Feed
 B-B (Bull Brand) Dairy Ration
 B-B (Bull Brand) Dairy Ration, Sweetened
 B-B (Bull Brand) Developing Feed
 B-B (Bull Brand) Horse Feed with Alfalfa and Molasses
 B-B (Bull Brand) Laying Mash with Dried Buttermilk
 B-B (Bull Brand) Scratch Feed
 B-B (Bull Brand) Stock Feed
 B-B (Bull Brand) Vitamized all Mash Broiler and Growing Ration
 with Dried Buttermilk and Cod Liver Oil
 B-B (Bull Brand) Vitamized Chick Starter with Dried Buttermilk
 and Cod Liver Oil
 B-B (Bull Brand) Vitamized Growing Mash with Dried Butter-
 milk and Cod Liver Oil
 B-B Daisy Chick Feed
 B-B Daisy Horse Feed with Alfalfa and Molasses
 B-B Daisy Scratch Feed

- B-B Hi-Test Dairy Feed 20% Protein, Sweetened
- B-B Hi-Test Dairy Feed 24% Protein, Sweetened
- B-B Hi-Test Stock Feed, Sweetened
- B-B Marmico 16% Dairy Feed with Molasses
- B-B Red Dog Wheat Flour
- B-B Red-E-Mixt Dairy Feed, Sweetened
- B-B Red-E-Mixt Egg Mash with Dried Buttermilk

George E. Marsh Co., Lynn, Mass.

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

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

- Alco Dried Brewers Grains
- Alco Dried Distillers Grains
- Argentine Bran
- Dried Beet Pulp

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

- Arrowhead Horse Feed
- Purifine Linseed Oil Meal

Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.

- Red Wing Dairy Ration
- Red Wing Mixed Feed
- Red Wing Molasses Horse Feed
- Red Wing Scratch 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 Special Stock Feed
- Red Wing Stock Feed

Memphis Cottonseed Products Co., Memphis, Tenn.

- Durham Forty-one Cottonseed Meal
- Durham Thirty-six Cottonseed Meal

Mennel Milling Co., Toledo, Ohio.

- Mennel's Mixed Grains for Poultry—No Grit
- Memo All Mash Ration
- Memo 20% Dairy Feed
- Memo Egg Mash
- Memo 85% Grain Horse Feed (with Molasses)
- Memo Pure Hard Wheat Bran
- Memo Soft Wheat Flour Middlings
- Memo 16% Sweet Dairy Feed
- Memo 22% Sweet Dairy Feed

Middleport Flour Mills, Lockport, N. Y.

- Angelus Wheat Bran

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

- Dried Beetpulp

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

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

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

Moon's Baby Chick Grains
Moon's Baby Chick Starter Mash
Moon's 20% Dairy Feed with Molasses
Moon's 24% Dairy Ration
Moon's X Dairy Ration
Moon's Developing Grains
Moon's Fresh Ground Mixed Feed
Moon's Fresh Ground White Middlings
Moon's Growing Mash
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 Wheat Bran

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

C-B Mash

Fred C. Morse & Son, Guilford, Conn.

Old Mill Dairy Feed
Old Mill 20% 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

James F. Morse & Co., Somerville, Mass.

Morse's Meat Scraps

Mount Vernon Milling Co., Mount Vernon, Ind.

Poco Hominy Feed

Nebraska Consolidated Mills Co., Omaha, Neb.

Pure Flour Middlings
Pure Wheat Bran

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

Blue Seal Meat Scraps
White Seal Meat Scraps

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

Niagara Choice Wheat Bran
Niagara Choice Wheat Middlings

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

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

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

Ontario Milling Co., 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 Buttermilk
Big Value Dairy Feed
Big Value Dairy Feed with Molasses
Big Value Horse Feed with Molasses
Butterfat Dairy Feed with Molasses
Butterfat Dairy Ration
Onto Horse Feed with Molasses
Oswego 16% Dairy Feed with Molasses
Oswego 20% Dairy Feed with Molasses
Oswego Fine Chick Feed
Uncle John's 24% Cream Pot Ration
Uncle John's Stock Feed
Uncle John's Stock Feed with Molasses

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

Osborn Mash
Osborn Provender
Osborn Scratch

Louis E. Page, 469 Rutherford Ave., Charlestown, Mass.

Sunshine Alfalfa Meal

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

All-In-One Starting Feed
Bet-R-Milk 20% Ration
Bison Stock Feed, Sweetened
Chelsea Horse Feed

Claco Dairy Ration
Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$
Feed Meal
Go Tu It Pig and Hog Ration
Growing Feed
Herdhelt 16% Ration
Holcomb's Sweetened 20% Dairy 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 Feed
Park & Pollard Chick Scratch
Park & Pollard Chick Starter
Park & Pollard Fitting Ration
Park & Pollard Horse Feed
Park & Pollard Stock Feed
Red Ribbon Chick Feed
Red Ribbon Scratch Feed
Top Notch 16% Ration
Wheat Flour Middlings

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

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

Alfalfa Stem Meal
Velvet Meal
V. V. Alfalfa Meal

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

Douglas Corn Gluten Feed
Sweetened Douglas Corn Gluten Feed

Pilgrim Dairy Service, 10 High St., Boston, Mass.

Pilgrim Brand Dry Skim Milk

Pillsbury Flour Mills Co., Minneapolis, Minn.

Palisade Scratch Feed
Pillsbury's Dairy Ration 20%
Pillsbury's Durum Wheat Brand 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 and Screenings
Pillsbury's Wheat Gray Shorts
Pillsbury's XX Daisy

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

Red Wing Linseed Meal

Frank S. Platt Co., 450 State St., 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 Grain Stores, Inc., Greenfield, Mass.

Puritan Dry Mash
Puritan Growing Feed
Puritan Scratch Feed

Pratt Food Co., Hammond, Ind.

Pratt's Baby Chick Food with Buttermilk
Pratt's Broiler Mash with Buttermilk
Pratt's Chick Scratch Feed
Pratt's Circle A Chick Scratch Feed
Pratt's Circle A Large Scratch Feed
Pratt's Growing Mash with Buttermilk
Pratt's Intermediate Scratch Feed
Pratt's Large Scratch Feed
Pratt's Laying Mash with Buttermilk
Pratt's Sugared Stock Feed
Pratt's Utility Horse Feed

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

Egg-Em-On Growing Mash
Egg-Em-On Laying Mash
Egg-Em-On Scratch
Producer Dairy Feed 20%
Producer Dairy Feed 24%
Sweetened Producer Dairy Feed 20%

Quaker Oats Co., 141 West Jackson Blvd., Chicago, Ill.

Banner Feed
Bell Cow Bran
Bell Cow Shorts
Big Egg Scratch Grains, No Grit
Buckeye Feed
Early Bird Coarse Chick 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 Ful-O-Pep Turkey Grower
Quaker Ful-O-Pep Turkey Starter
Quaker Green Cross Horse Feed
Quaker Molabulk Feed
Quaker 16% Protein Dairy Ration
Quaker 20% Protein Dairy Ration
Quaker 24% Protein Dairy Ration
Quaker 18% Protein Pig-N-Hog Meal
Quaker Schumacher Feed
Quaker Sugared Schumacher Feed
Quaker Thorobred Horse Feed
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
Protana Dairy Feed
Protana 20% Dairy Feed
Protana Roughage Feed, Sweet
Purina All Mash Startena Chow Feed containing Mineral
Purina Baby Chick Chow Feed
Purina Blue Checker Cow Chow Feed
Purina Blue Checker Cow Chow Feed (Buffalo Mill)
Purina Blue Checker Grainola Feed
Purina Breeder Chowder Feed containing Mineral
Purina Breeder Lay Chow Feed containing Mineral
Purina Bulky Cow Chow Feed
Purina Calf Chow 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 Growena Feed containing Mineral
Purina Chick Startena Feed containing Mineral
Purina Cow Chow Feed
Purina Fitting Chow Feed
Purina Hen Chow Feed
Purina Hog Fatena Feed containing Mineral
Purina Intermediate Hen Chow Feed
Purina Lamb Chow Feed containing Charcoal
Purina Lay Chow Feed containing Mineral
Purina Omolene Feed
Purina Pig Chow Feed containing Mineral
Purina Red Checker 34% Cow Chow Feed
Purina Steer Cubes Feed containing Charcoal
Purina Steer Fatena Feed containing Charcoal
Purina Stock Feed
Winner Scratch Feed

John Reardon & Sons Co., Cambridge, Mass.

Register Brand 45%
Register Brand 55%

Red Wing Milling Co., Red Wing, Minn.

Red Wing Special Wheat Bran

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

Superior (Trade Mark) Wheat Bran
Superior (Trade Mark) Wheat Shorts

Rockville Grain Co., Rockville, Conn.

Diamond Dairy Ration
Diamond Horse Feed

Rogers & Hubbard Co., Portland, Conn.

Edible Bone Flour
Edible Steamed Bone

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

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

Russell-Miller Milling Co., Minneapolis, Minn.

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

Russia Cement Co., Gloucester, Mass.

Chic-Chuk "The Ideal Concentrated Poultry Food"

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

Scott's Atlas Alfalfa Poultry Greens

Seymour Grain & Coal Co., Seymour, Conn.

Miracle Chick Feed
Miracle Chick Grower
Miracle Chick Starter
Miracle Cow Feed
Miracle Fitting Ration
Miracle Molasses Horse Feed
See-More-Egg Buttermilk Mash
See-More-Egg Scratch Feed
See-More-Milk Dairy Feed

Shelton Feed Co., Shelton, Conn.

Nelson Laying Mash
Nelson's Mixed Chicken Feed

W. G. Slugg, Milwaukee, Wis.

Slugg's Pure Dried Buttermilk Feed
Slugg's Pure Dried Skimmilk Feed

Winchell Smith, Inc., Farmington, Conn.

Mill Streams "Boomerang" Dairy Feed
Mill Streams "Fortune Hunter" Scratch Feed
Mill Streams "Lightnin" Laying Mash

Southern Cotton Oil Co., Charlotte, N. C.

Scoco 41%
Scoco 36%

Ike Sovitsky, Ansonia, Conn.

Ansonia Dairy Ration
Ansonia Egg Mash with Buttermilk
Ansonia Scratch Feed
Ansonia Stock Feed

Springfield Rendering Co., Springfield, Mass.

Springfield Poultry Feed 45%

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

Corn Gluten Feed
Soy Bean Oil Meal

John T. Stanley Co., Inc., 642 West 30th St., New York City.

Stanley's 45% to 50% Meat and Bone Scrap

St. Albans Grain Co., St. Albans, Vt.

Brewers' Dried Grains
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration
Hygrade Stock Feed, Sweetened
King Baby Chick Food containing Cod Liver-Meal-Buttermilk
King Chick Feed
King Dairy Feed with Beet Pulp Sweet
King 20 Dairy Feed, Sweetened
King Growing Feed (containing Buttermilk)
King Horse Feed
King 22 Milk Ration, Sweetened
King Intermediate Chick Feed
King Mash Feed (containing Buttermilk)
King Scratch Feed
King Stock Feed
Paragon Dairy Feed
Paragon Dairy Feed, Sweetened
Paragon Hominy Feed
Paragon Scratch Feed
Pure Dried Skim Milk Powder
Wirthmore All Grain Chick Feed (Fine Chick Scratch)
Wirthmore Baby Chick Starter (containing Cod Liver Meal-Butter-
milk)
Wirthmore 25 Balanced Ration
Wirthmore 25 Balanced Ration, Sweetened
Wirthmore Calf Meal
Wirthmore Complete Ration for Broilers
Wirthmore Dairy Feed with Beet Pulp, Sweetened
Wirthmore 20 Dairy Feed
Wirthmore 20 Dairy Feed, Sweetened
Wirthmore 16 Dairy Ration Sweet
Wirthmore 14 Fitting Ration
Wirthmore Flour Middlings
Wirthmore Fodder Greens
Wirthmore Growing Feed (containing Buttermilk)
Wirthmore Horse Feed
Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)
Wirthmore Laying Mash (containing Buttermilk)
Wirthmore Pig and Hog—A Growing and Fattening Feed
Wirthmore Scratch Feed

Wirthmore Stock Feed
Wirthmore Turkey Growing Feed
Wirthmore Turkey Starter (containing Cod Liver Meal-Buttermilk)
Wirthmore Wheat Feed

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

Bran
Wheat Shorts

Charles M. Struven & Co., 114-116 S. Frederick St., Baltimore, Md.

Struven's Fish Meal

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

Swift's Blood Flour

Syracuse Milling Co., Syracuse, N. Y.

Jordan Horse Feed with Molasses
Onondaga Dairy Feed
Onondaga Dairy Feed, Sweetened
Onondaga Scratch Grains
Syragold Chick Feed
Syragold Chick Starter
Syragold Dairy Feed
Syragold Dairy Feed, Sweetened
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 Milk Ration, Sweetened
Syragold Scratch Grains
Syragold Stock Feed

D. L. Talcott, Torrington, Conn.

Talcott's Economy Dairy Ration

Theobald Animal By-Products Refinery, Kearny, N. J.

Production Brand Meat and Bone Scrap 45%
Production Brand Meat and Bone Scrap 55%

Thomaston Supply Co., Thomaston, Conn.

Thomaston Egg Mash
Thomaston Dairy Ration
Thomaston Scratch Feed

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

Blue Brand Tioga Dairy Feed
Chicatine
Derby C & O Feed
Derby E-Gee Chick Grain
Derby E-Gee Scratch Feed
Derby Meal
Ducatine
Duck Fattener

Egatine
E-Gee Dairy Feed
Neverfail Horse Feed
Orco Feed
Red Brand Ti-O-Ga Dairy Feed
Ti-O-Ga Calf Food
Tioga Chick and Growing Mash
Ti-O-Ga Laying Food
Ti-O-Ga Neverfail Chick Grains
Ti-O-Ga Neverfail Growing Grains
Ti-O-Ga Neverfail Poultry Grain
Waverly Flour Middlings

Traders Feed & Grain Co., Buffalo, N. Y.

Bonny Hard Wheat Bran and Screenings
Bonny White Middlings
Maple Leaf Pure Wheat Bran
Rex Wheat Middlings (Maple Leaf Mfg. Co., Ltd., Toronto, Ont.)

Ubiko Milling Co., Cincinnati, Ohio.

Union Grains Ubiko 24% Dry Dairy Ration
Union Grains Ubiko 24% Sweet Dairy Ration

Union Sales Corp., Columbus, Ind.

Union Corn Gluten Feed

United Mills Co., Inc., Grafton, Ohio

U. M. C. Wheat Middlings with Ground Screenings

Upper Hudson Rye Flour Mills, Inc., 7-9 Madison St., Troy, N. Y.

Upper Hudson Rye Feed

Van Vechten Milling Co., Inc., Rochester, N. Y.

Irving Mills Rye Feed

Vitality Mills, Inc., Chicago, Ill.

Vitality 12% Dairy Ration
Vitality 20% Dairy Ration
Vitality 20% Testing Ration

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

Wertz's Horse Feed with Alfalfa and Molasses

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

All Pure 20% Milk Ration
Fitting Ration for Horses and Cattle
Pure Feed Dairy Ration
Pure Feed Eggmaker
Super Pure Feed Dairy Ration
Super Pure Sweetfeed Dairy Ration
Uniform Sweet Dairy Ration

Worcester Rendering Co., Auburn, Mass.

Prosperity Worcester Fish Meal
P. W. Meat Scrap
P. W. Special Meat Scrap

Yantic Grain & Products Co., Norwich, Conn.

- Abington Dairy Feed
- Al-Mo
- Big (Y) Buttermilk Laying Mash
- Big (Y) Dairy Ration
- Big (Y) Flour Middlings
- Big (Y) Growing Feed
- Big (Y) Horse Feed
- Big (Y) Laying Mash
- Big (Y) Mixed Feed
- Big (Y) Scratch Feed
- Gingh'm Girl Scratch Feed
- Open Formula 20% Dairy Ration
- Open Formula 24% Dairy Ration
- Uncas Dairy Feed
- Uncas Scratch Feed
- Uncas Stock Feed
- Uncas Sugared Stock Feed

INSPECTION

For the calendar year 1930 a total of 951 samples of feeding stuffs and related materials has been examined. These are classified as follows:

Concentrated feeding stuffs	678
Miscellaneous feeds examined for individuals	43
Feeds examined for poisons, etc.	8
Pasture grass samples from Storrs station	192
Check samples cottonseed meal	30
Total	951

Results of analyses of samples from the Storrs station are not included in this report.

The tabulated summary of the results of official inspection, Table 1a, shows that of the 678 official samples there were 128 that failed to meet guaranties in one or more particulars. Eighty-one per cent of the samples examined substantially met or exceeded the standard of composition claimed for them. This figure compares with 85 per cent found last year and 78 per cent in the preceding year. Of a total of 2,034 separate guaranties (on the basis of three for each sample), there were 143 deficiencies; the percentage of individual guaranties met is therefore 93 as compared with 94 per cent last year and 92 per cent in the preceding year. Tolerances of 0.75 per cent in protein and fiber and of 0.25 per cent in crude fat have been allowed.

It is illegal to affix tags to feed sacks by means of wire or other metallic devices and no instance of violation of this requirement has been noted in the last two years.

In general, ingredients claimed in declarations upon tags or in registration statements have been substantiated by microscopic

examinations. No evidence of deleterious materials or of serious contamination with weed seed was discovered.

In Table 1b deficiencies in guaranteed nutrients are summarized. Such a compilation based upon the results of a single year may not be an altogether reliable index to the care and control exercised by manufacturers in the production of feeds, nor is it fair to draw final conclusions on the basis of one or two samples, whether the results are excellent or poor; but over a period of years the data furnish a basis for some conclusions in the direction indicated and, with suitable reservations, they are not without interest and value.

Analyses of official samples are given in Table I, page 277.

Unofficial samples are tabulated in Table II, page 347. These are analyzed gratuitously for purchasers or others interested. The articles are accepted under the names as submitted and the Station assumes no responsibility except for the analyses of the samples as received.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal	17	8	6	3	0	9
Linseed meal	10	0	0	0	0	0
Wheat bran	25	0	0	0	0	0
Wheat middlings	32	4	0	0	4	4
Wheat red dog	5	1	1	0	1	2
Wheat feed (mixed feed)	12	0	0	0	0	0
Corn gluten feed	8	0	0	0	0	0
Hominy feed	10	1	0	0	1	1
Rye products	2	0	0	0	0	0
Brewers' and distillers' grains	4	0	0	0	0	0
Dried beet pulp	5	0	0	0	0	0
Horse feed	65	8	3	2	3	8
Dairy feeds	136	45	10	9	34	53
Stock feeds	42	5	0	3	3	6
Calf feeds, etc.	14	4	1	1	3	5
Poultry feeds	250	46	7	4	38	49
Beef scrap, etc.	41	6	5	0	1	6
Total	678	128	33	22	88	143

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Allied Mills, Inc.	16	48	0	0	4	92
Allyn, E. E.	1	3	0	0	0	100
Apothecaries Hall Co.	2	6	0	0	0	100
Arcady Farms Milling Co.	14	42	0	2	1	93
Archer-Daniels Midland Co.	1	3	0	0	0	100
Ashcraft-Wilkinson Co.	5	15	2	1	0	80
Bailey, E. W. & Co.	6	18	0	0	4	78
Beacon Milling Co., Inc.	20	60	0	0	2	97
Beers, Ira W.	2	6	0	0	1	83
Black Rock Milling Corp.	3	9	0	0	0	100
Blatchford Calf Meal Co.	1	3	0	0	1	67
Bridge's, Amos D. & Sons, Inc.	2	6	0	2	2	33
Bristol Grain & Supply Co.	2	6	0	0	0	100
Brode, F. W. Corp.	1	3	0	1	0	67
Broder, L.	1	3	0	0	0	100
Buckingham, C. & Co., Inc.	4	12	0	0	1	92
Buell, C. E., Inc.	1	3	0	0	0	100
Buffalo Flour Mills Corp.	2	6	0	0	0	100
Burckhalter, C. W., Inc.	1	3	0	0	0	100
California Hawaiian Milling Co., Inc.	1	3	0	0	1	67
Campbell, C. W. Co.	8	24	0	0	0	100
Canada Linseed Oil Mills, Ltd.	1	3	0	0	0	100
Chapin & Co.	7	21	0	0	1	95
Clinton Corn Syrup Refining Co.	1	3	0	0	0	100
Clyde Renco Milling Corp.	4	12	0	0	1	92
Coles Co.	4	12	1	1	1	75
Collis Products Co.	2	6	0	0	0	100
Conkey, G. E. Co.	9	27	0	0	0	100
Conn. Fat Rendering and Fertilizer Corp.	1	3	0	0	0	100
Consolidated Rendering Co.	1	3	0	0	0	100
Consumers Import Co., Inc.	1	3	0	0	1	67
Copeland Flour Mills, Ltd.	2	6	0	0	0	100
Corn Products Sales Co.	2	6	0	0	0	100
Cowles, C. A.	4	12	0	0	2	83
Cox, Charles M. Co.	8	24	0	0	0	100
Crosby Milling Co.	7	21	1	0	1	90
Davis, R. G. & Sons, Inc.	7	21	0	0	0	100
Decatur Milling Co.	1	3	0	0	0	100
Delaware Mills, Inc.	10	30	0	0	3	90
Denver Alfalfa Mfg. & Products Co.	1	3	0	0	0	100
Dominion Flour Mills, Ltd.	2	6	0	0	0	100
Dry Milk Co., Inc.	1	3	0	0	0	100
Duluth-Superior Milling Co.	1	3	0	0	0	100
Dunn, Arthur G.	2	6	0	0	1	83
Eastern Grain Co.	1	3	0	0	0	100
Eastern States Farmers' Exchange	14	42	0	1	0	98
Edwards, S. T. & Co.	1	3	0	0	0	100
Elmore Milling Co.	14	42	1	1	6	81

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS—
Continued

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Eshelman, John W. & Sons	25	75	0	1	2	96
Evans Milling Co.	1	3	0	0	0	100
Fairfield Western Maryland Dairy	1	3	0	0	0	100
Farmers Feed Co.	1	3	0	0	0	100
Flory Milling Co., Inc.	7	21	0	0	0	100
Forbes Feed Mill	2	6	0	0	0	100
Fort Schuyler Farms, Inc.	1	3	0	0	0	100
Frisbie, L. T. Co.	4	12	0	0	0	100
General Mills, Inc.	8	24	0	0	1	96
Gorton-Pew Fisheries Co., Ltd.	1	3	0	0	0	100
Grandin, Milling Co., D. H.	6	18	1	0	2	83
Hales & Hunter Co.	7	21	0	0	0	100
Hamilton, Wm. & Son, Inc.	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co.	4	12	0	0	1	92
Hershey Creamery Co.	2	6	0	0	0	100
Hudson, L. W.	3	9	2	0	3	44
Humphreys-Godwin Co.	4	12	2	1	0	75
Imperial Grain & Milling Co.	1	3	0	0	0	100
International Milling Co.	4	12	1	0	1	83
James, Henry & Son, Inc.	1	3	1	0	0	67
Jersee Co.	2	6	0	0	0	100
Jones, M. B. & Co.	3	9	0	0	1	89
Kellogg Co.	1	3	0	0	1	67
Kellogg, Spencer & Sons, Inc.	2	6	0	0	0	100
King Flour Mills Co., H. H.	1	3	0	0	0	100
King Midas Mill Co.	1	3	0	0	0	100
Kraft-Phenix Cheese Corp.	1	3	0	0	0	100
Krause Milling Co., Charles A.	1	3	0	0	0	100
Labieniec, S. F.	2	6	0	0	1	83
Lackman, Emil F.	3	9	0	0	2	78
Laden Bros. Co., Inc.	5	15	1	1	0	87
Land O'Lakes Creameries, Inc.	2	6	0	0	0	100
Larabee Flour Mills Co.	1	3	0	0	0	100
Larrowe Milling Co.	8	24	0	0	1	96
Lines Co., C. W.	5	15	1	0	1	87
Litchfield County Coöperative Asso.	3	9	0	0	0	100
Lovitt, L. B. & Co.	5	15	1	0	0	93
Manchester, E. & Sons	7	21	1	0	1	90
Mann Bros. Co.	2	6	0	0	0	100
Maritime Milling Co.	13	39	0	0	3	92
Martenis Grain Co., C. J.	4	12	0	0	0	100
Meador Milling Co.	3	9	0	0	0	100
Meech & Stoddard, Inc.	13	39	1	0	3	90
Memphis Cottonseed Products Co.	2	6	1	0	0	83
Mennel Milling Co.	6	18	1	0	1	89
Middleport Flour Mills	1	3	0	0	0	100
Milmine, Bodman & Co.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS—
Continued

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Miner-Hillard Milling Co.	4	12	.0	0	0	100
Moon, George Q. & Co.	13	39	1	0	3	90
Moran-Patton Co.	1	3	0	1	0	67
Morse, Fred C. & Son	9	27	0	0	3	89
Morse, James F. & Co.	1	3	0	0	0	100
Mount Vernon Milling Co.	1	3	0	0	0	100
Nebraska Consolidated Mills Co.	2	6	0	0	0	100
New England By-Products Corp.	1	3	1	0	0	67
Niagara Falls Milling Co.	2	6	0	0	0	100
Northwestern Consolidated Milling Co. ...	2	6	0	0	0	100
Nowak Milling Corp.	2	6	0	0	1	83
Ogilvie Flour Mills Co., Ltd.	1	3	0	0	0	100
Ontario Milling Co.	7	21	0	0	0	100
Osborn, S. V. Est.	3	9	0	0	0	100
Page, Louis E.	1	3	0	0	0	100
Park & Pollard Co.	19	57	0	1	4	91
Patent Cereals Co.	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co.	3	9	1	0	0	89
Penick & Ford, Ltd., Inc.	2	6	0	0	0	100
Pilgrim Dairy Service	1	3	0	0	0	100
Pillsbury Flour Mills Co.	5	15	0	0	0	100
Platt, Frank S., Co.	2	6	0	1	0	83
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co.	9	27	0	0	1	96
Puffer, H. C. Co.	5	15	0	0	0	100
Quaker Oats Co.	26	78	0	0	2	97
Ralston Purina Co.	24	72	1	2	0	96
Reardon, John & Sons Co.	2	6	1	0	0	83
Red Wing Milling Co.	1	3	0	0	0	100
Robin Hood Mills, Ltd.	2	6	0	0	0	100
Rockville Grain Co.	2	6	0	0	1	83
Rogers & Hubbard Co.	2	6	0	0	0	100
Rolf, Fred H., Inc.	3	9	0	0	1	89
Russell-Miller Milling Co.	2	6	0	0	0	100
Scott, A. W. Co.	1	3	0	0	0	100
Seymour Grain & Coal Co.	9	27	0	0	1	96
Slugg, W. G.	1	3	0	0	0	100
Smith, Winchell, Inc.	3	9	0	1	0	89
Sovitsky, Ike	5	15	2	1	0	80
Springfield Rendering Co.	1	3	0	0	0	100
Staley, A. E. Mfg. Co.	2	6	0	0	0	100
Stanley, John T. Co.	1	3	0	0	0	100
St. Albans Grain Co.	35	105	3	2	4	91
St. Lawrence Flour Mills Co., Ltd.	2	6	0	0	0	100
Struven, Charles M. Co.	1	3	1	0	0	67
Swift & Co.	1	3	0	0	0	100
Syracuse Milling Co.	16	48	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS—
Concluded

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Talcott, D. L.	1	3	0	0	0	100
Theobald Animal By-Products Refinery ..	2	6	1	0	0	83
Thomaston Supply Co.	3	9	1	1	1	67
Tioga-Empire Feed Mills, Inc.	15	45	0	0	0	100
Ubiko Milling Co.	1	3	0	0	0	100
Union Sales Corp.	1	3	0	0	0	100
Upper Hudson Rye Flour Mills, Inc.	1	3	0	0	0	100
Vitality Mills, Inc.	3	9	1	0	0	89
Wadsworth Feed Co.	1	3	0	0	1	67
Wertz, F. S. & Son	1	3	0	0	0	100
West-Nesbitt, Inc.	5	15	0	0	1	93
Worcester Rendering Co.	3	9	0	0	0	100
Yantic Grain & Products Co.	16	48	0	0	5	90
Totals	678	2,034	33	22	88	93

MISCELLANEOUS MATERIALS

Seven samples of feeds suspected of containing deleterious ingredients were submitted by purchasers, but our examinations revealed nothing that would substantiate the complaints made.

A sample of convertor material used in a process for treating hay (the operation being carried out in specially constructed "digestors") was submitted by a dairyman who had used the method with what he felt were favorable results with cows. Being unable to secure more of the convertor mixture he submitted a sample to the laboratory for examination. The material consisted of, or contained, ground malt, fine hay salt, molasses and anise. Dry hay was stratified with this mixture in the digester and then steamed, the hay so treated being fed to stock in the moist condition.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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	
	OIL SEED PRODUCTS—Continued											
	<i>Cottonseed Meal—Concluded</i>											
3571	Danish. Humphreys-Godwin Co., Memphis, Tenn.		6.73	5.92	34.88	36.00	13.23	15.00	33.36	5.88	5.00	
3741	Dixie. Humphreys-Godwin Co., Memphis, Tenn.		7.03	6.45	40.56	41.12	10.78	10.00	29.18	6.00	5.00	
3673	"Lovitt" 36%. L. B. Lovitt & Co., Memphis, Tenn.		6.25	7.26	36.44	36.00	11.36	15.00	32.79	5.90	5.00	
2751	"Lovitt" 41%. L. B. Lovitt & Co., Memphis, Tenn.	Wallingsford: Laden Bros. Co., Inc.	7.15	7.18	41.25	41.00	9.43	10.00	28.36	6.63	6.00	
3742	"Lovitt" 41%. L. B. Lovitt & Co., Memphis, Tenn.	Thomaston: Thomaston Supply Co., Bloomfield: Bloomfield Farmers' Exchange	7.58	6.34	39.88	41.00	10.52	10.00	29.48	6.20	6.00	
2762	"Lovitt" 43%. L. B. Lovitt & Co., Memphis, Tenn.	Guilford: Fred C. Morse & Son	7.15	6.23	43.56	43.00	8.73	15.00	27.33	7.00	6.00	
5442	"Lovitt" 43%. L. B. Lovitt & Co., Memphis, Tenn.	Farmington: Winchell Smith, Inc.	6.60	5.58	42.88	43.00	9.80	10.00	28.56	6.58	6.00	
2787	Durham 41%. Memphis Cottonseed Products Co., Memphis, Tenn.	Bloomfield: Bloomfield Farmers' Exchange	7.85	6.29	41.50	41.00	9.25	10.00	26.31	8.80	6.00	

2801	Durham 36%. Memphis Cottonseed Products Co., Memphis, Tenn.	Stafford Springs: Dennis Grain Mill	7.23	6.82	33.50	35.00	13.90	14.00	33.47	5.08	5.00
	<i>Linseed Meal</i>										
5079	Pure Old Process 34%. Archer-Daniels Midland Co., Minneapolis, Minn.	East Winsted: Leonard Grain Co.	9.98	5.21	34.63	34.00	8.25	9.00	36.65	5.28	5.00
3646	"Maple Leaf" 34%. Canada Linseed Oil Mills, Montreal, Que.	Long Hill: Long Hill Feed Store	7.50	5.13	35.88	34.00	7.36	9.00	38.35	5.78	5.00
3641	Sherwin-Williams Screw Press. Charles M. Cox Co., Boston, Mass.	Danbury: F. C. Benjamin	3.45	5.64	37.31	35.00	7.34	8.00	37.31	8.95	6.50
5019	Pure Old Process. Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	Plantsville: C. A. Cowles	8.75	6.38	33.88	32.00	7.65	10.00	38.51	4.83	5.00
5475	Pure Old Process. Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	Putnam: Bosworth Bros.	9.35	5.15	38.63	34.00	6.35	10.00	35.17	5.35	5.00
5090	Mann Bros. Co. 32% Protein Pure Old Process. Mann Bros. Co., Buffalo, N. Y.	West Cheshire: Cheshire Grain & Coal Co.	10.18	5.25	33.50	32.00	8.35	10.00	35.74	6.98	6.00
5355	Mann Bros. Co. 34% Protein Old Process. Mann Bros. Co., Buffalo, N. Y.	Bloomfield: Bloomfield Farmers' Exchange	9.78	5.00	34.63	34.00	7.38	10.00	36.13	7.08	6.00
2747	Purifine. Meader Milling Co., Hoboken, N. J.	Watertown: Watertown Cooperative Asso.	7.65	5.68	34.69	32.00	7.95	9.00	37.63	6.40	5.00
3713	Purifine. Meader Milling Co., Hoboken, N. J.	Plantsville: C. A. Cowles	9.30	5.96	34.63	32.00	8.18	9.00	35.80	6.13	5.00
5569	Soy Bean Meal A. E. Staley Mfg. Co., Decatur, Ill.	Manufacturer's sample	7.10	5.73	43.88	40.00	5.88	7.00	32.63	4.78	4.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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	
			%	%	%	%	%	%	%	%	%	%	%
5474	WHEAT PRODUCTS Buffalo, Buffalo Flour Mills Corp., Buffalo, N. Y.	Putnam: Bosworth Bros.	10.35	6.18	15.63	14.00	10.33	12.00	52.23	5.28	4.00		
4932	Copeland's Dandy, Copeland Flour Mills, Ontario, Canada	Southbury: H. R. Stone	11.93	5.29	15.63	14.00	10.13	11.50	51.99	5.03	3.50		
5200	Pioneer, Charles M. Cox Co., Boston, Mass.	West Cheshire: Cheshire Grain & Coal Co.	10.80	5.10	17.63	14.00	9.38	12.00	51.69	5.40	3.50		
5246	Argentine, Charles M. Cox Co., Boston, Mass.	Torrington: D. L. Talcott	10.23	6.63	14.75	13.00	10.00	13.00	54.39	4.00	4.00		
5392	Lakewood's, Charles M. Cox Co., Boston, Mass.	West Cheshire: Cheshire Grain & Coal Co.	9.88	5.28	15.88	15.00	9.48	11.50	53.83	5.65	3.50		
5434	Brazilian, Charles M. Cox Co., Boston, Mass.	Colchester: L. Broder Grain Store	9.28	5.71	17.88	13.00	9.53	13.00	53.40	4.20	4.00		
4948	Dominion Flour Mills, Ltd., Mon- treal, Que.	Guilford: F. H. Rolf, Inc.	12.10	5.32	15.75	15.00	9.68	11.50	51.72	5.43	3.50		
4984	Duluth Imperial, Duluth Superior Milling Co., Duluth, Minn.	Wallingford: A. E. Hall	11.25	5.34	15.94	14.00	8.83	13.00	54.04	4.60	3.75		

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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										
	<i>Wheat Bran—Concluded</i>										
5167	Occident. Russell-Miller Milling Co., Minneapolis, Minn.	Watertown: Watertown Cooperative Assoc.	10.58	5.39	17.69	14.00	9.33	11.50	51.08	5.93	4.00
5226	St. Lawrence Flour Mills Co., Ltd., Montreal, Que.	So. Norwalk: Roodner Feed Co.	9.10	4.91	17.31	15.00	10.00	11.50	53.75	4.93	3.50
	<i>Wheat Middlings, etc.</i>										
5122	Buffalo Standard. Buffalo Flour Mills Corp., Buffalo, N. Y. ...	Newtown: R. H. Holcomb & Co.	10.55	4.71	17.38	14.50	8.15	9.50	53.73	5.48	4.00
5007	Copeland Dandy Shorts. Copeland Flour Mills, Ltd., Midland, Ontario, Canada.	Hamden: Ira W. Beers	11.35	3.89	18.00	15.00	6.10	8.00	54.88	5.78	5.00
5245	Argentine Wheat Standard. Charles M. Cox Co., Boston, Mass.	Torrington: D. L. Talcott	10.43	5.70	15.75	14.00	8.88	9.50	54.91	4.33	4.00
5393	Lakewood's Pure Shorts. Charles M. Cox Co., Boston, Mass. ...	West Cheshire: Cheshire Gram & Coal Co.	9.78	4.12	17.81	16.00	4.90	8.00	57.24	6.15	5.00

5394	<i>Pioneer Shorts</i> , Charles M. Cox Co., Boston, Mass.	Waterbury: Spencer Grain Co. ...	9.43	3.89	19.06	16.00	6.70	8.00	54.99	5.93	5.00
4946	<i>Wheat Shorts</i> , Dominion Flour Mills, Ltd., Montreal, Que. ...	Guilford: F. H. Rolf, Inc.	11.55	4.14	17.31	16.00	7.33	8.00	53.67	6.00	5.00
5625	<i>Argentine Wheat Standard</i> , A. G. Dunn, New York City	East Haven: F. A. Forbes	9.63	4.83	17.63	14.00	7.65	9.50	56.63	3.63	4.00
5184	<i>Eshelman Wheat Flour</i> , John W. Eshelman & Sons, Lancaster, Pa.	Devon: Devon Grain & Coal Co.	10.50	2.93	17.63	16.00	4.08	6.00	60.56	4.30	4.03
5073	<i>Washington's Gold Medal Hard Wheat Standard</i> , General Mills, Inc., Minneapolis, Minn.	Winsted: Charles R. Hawley ...	10.65	4.30	16.69	15.00	8.05	9.50	55.26	5.05	4.00
5233	<i>Washington's Gold Medal Flour</i> , General Mills, Inc., Minneapolis, Minn.	Hawleyville: W. A. Homan, Inc.	10.55	3.70	17.44	16.00	4.60	6.00	58.81	4.90	4.00
5126	Wm. Hamilton & Son, Inc., Honeye Falls, N. Y.	Shelton: Shelton Feed Co., Inc.	10.78	3.69	17.38	14.90	4.73	5.40	58.07	5.35	4.90
5220	<i>Wheat Standard</i> , Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.	Southport: C. Buckingham & Co.	9.95	4.36	18.13	15.00	7.20	9.50	54.36	6.00	4.75
5341	H. Hecker-Jones-Jewell Milling Co., New York City	Granby: E. H. Rollins	9.85	3.61	15.25	15.00	6.88	9.50	60.28	4.13	5.00
5345	<i>Black Hawk Wheat Flour</i> , International Milling Co., Minneapolis, Minn.	Suffield: Spencer Bros.	10.58	2.68	20.13	16.00	2.55	40.00	60.53	3.53	3.50
5062	<i>Black Hawk Wheat Standard</i> , International Milling Co., Minneapolis, Minn.	New Hartford: George W. Case, Inc.	10.15	4.27	17.25	16.00	7.70	8.50	55.23	5.40	4.50
5572	<i>Brazilian Standard</i> , M. B. Jones & Co., Inc., New York City ...	Branford: S. V. Osborn Est. ...	17.28	3.73	20.06	14.00	5.95	9.50	50.75	2.23	4.00
5573	<i>Argentine</i> , M. B. Jones & Co., Inc., New York City	Branford: S. V. Osborn Est. ...	11.58	5.25	16.19	13.50	8.15	9.50	54.20	4.63	3.50

5035	Pillsbury's Hard Wheat A. Pillsbury Flour Mills Co., Minneapolis, Minn.	11.68	3.31	17.13	16.00	3.98	6.00	58.92	4.98	4.00
5101	Pillsbury's Hard Wheat Standard B. Pillsbury Flour Mills Co., Minneapolis, Minn.	10.30	4.40	17.25	15.00	8.05	9.50	54.65	5.35	4.00
5363	Bell Cow Shorts. Quaker Oats Co., Chicago, Ill.	10.08	4.08	17.69	15.00	7.53	8.00	54.99	5.63	4.00
5163	Superior Wheat Shorts. Robin Hood Mills, Ltd., Calgary & Moose Jaw, Canada.	10.45	3.76	18.13	17.00	6.28	8.00	55.80	5.58	5.00
5457	Occident Standard. Russell-Miller Milling Co., Minneapolis, Minn.	9.60	4.42	19.50	15.00	7.58	9.50	52.75	6.15	4.00
4942	Writmore Flour. St. Albans Grain Co., St. Albans, Vt.	11.40	3.76	17.38	15.00	5.48	6.00	57.38	4.60	4.00
5117	Wheat Shorts. St. Lawrence Flour Mills Co., Ltd., Montreal, Que.	10.88	3.82	16.88	16.00	6.65	8.00	56.37	5.40	5.00
5342	Syracold Flour. Syracuse Milling Co., Syracuse, N. Y.	10.03	3.76	17.50	15.00	5.83	6.00	57.98	4.90	4.00
5468	Big Y Flour. Yantic Grain & Products Co., Norwich, Conn.	10.38	3.98	17.38	17.00	5.70	5.00	57.93	4.63	5.00
<i>Wheat Red Dog</i>										
3808	Flory Milling Co., Inc., Bangor, Pa.	11.25	2.19	14.63	15.00	2.76	6.00	66.52	2.65	2.50
3623	Washburn's Gold Medal. Adrian General Mills, Inc., Minneapolis, Minn.	9.80	2.51	16.81	16.00	2.13	4.00	64.80	3.95	3.50
3628	Hecker-Jones-Jewell Milling Co., New York City.	9.28	3.35	17.44	15.75	3.37	4.00	61.26	5.30	4.50
5325	Black Hawk. International Milling Co., Minneapolis, Minn.	11.13	1.67	13.50	16.00	2.63	4.00	68.22	2.85	3.50
5485	B-B Red Dog. Maritime Milling Co., Buffalo, N. Y.	10.73	2.72	16.81	16.00	3.38	4.00	62.28	4.08	4.00
<i>Thompsonville</i>										
Thompsonville: George S. Phelps & Co.										
<i>Norwalk</i>										
Norwalk: Frank Libner & Sons..										
<i>So. Norwalk</i>										
So. Norwalk: Roodner Feed Co.										
<i>Stratford</i>										
Stratford: Farmers' Flour and Grain Co.										
<i>Thompsonville</i>										
Thompsonville: George S. Phelps & Co.										

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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—Concluded											
3620	<i>Wheat Feed (Mixed Feed)</i> <i>Washburn's Gold Medal Fancy.</i> General Mills, Inc., Minneapolis, Minn.	Norwalk: Frank Libner & Sons Thompsonville: George S. Phelps & Co.	10.13	4.15	15.00	15.00	5.37	7.50	61.45	3.90	4.00	
5352	<i>Gold Mine.</i> H. H. King Flour Mill Co., Minneapolis, Minn. ..		10.00	4.82	16.75	15.00	8.05	9.50	55.10	5.28	4.50	
5065	<i>Red Star.</i> E. Manchester & Sons, Winsted	Winsted: E. Manchester & Sons Middletown: Meech & Stoddard, Inc.	10.95	3.88	16.25	16.00	6.33	7.50	58.29	4.30	4.00	
5173	<i>Red Wing.</i> Meech & Stoddard, Inc., Middletown, Conn.		8.93	4.53	18.50	15.00	6.20	10.00	57.49	4.35	4.50	
5083	<i>Moon's Fresh Ground.</i> George Q. Moon & Co., Inc., Binghamton, N. Y.	Norfolk: Aug. P. Curtis	10.75	3.82	15.75	14.00	5.23	10.00	60.55	3.90	4.00	
5048	<i>Planet.</i> Northwestern Consolidated Milling Co., Minneapolis, Minn.	Farmington: Winchell Smith, Inc.	10.53	4.08	17.69	15.00	5.18	8.00	57.69	4.83	4.00	
5181	<i>XXX Comet.</i> Northwestern Consolidated Milling Co., Minneapolis, Minn.	Milford: Milford Grain Co.	10.70	2.57	19.19	16.00	2.13	4.00	60.86	4.55	4.00	

4934	<i>Pillsbury's Fancy Mixed.</i> Pillsbury Flour Mills Co., Minneapolis, Minn.	New Milford: W. L. Richmond & Son	12.05	4.53	16.31	15.00	5.65	8.50	56.93	4.53	4.00
5092	<i>Pillsbury's XX Daisy.</i> Pillsbury Flour Mills Co., Minneapolis, Minn.	Canaan: Ives & Pierce	10.95	2.78	18.56	16.00	2.65	4.00	60.31	4.75	4.00
4985	<i>Occident.</i> Russell-Miller Milling Co., Minneapolis, Minn.	Wallingford: A. E. Hall	11.68	4.61	17.94	15.00	7.25	9.50	52.84	5.68	4.50
4941	<i>Waltham.</i> St. Albans Grain Co., St. Albans, Vt.	Branford: S. V. Osborn Est.	10.93	4.49	16.63	15.00	7.20	8.00	56.22	4.53	4.50
5473	<i>Big Y Mixed.</i> Yantic Grain & Products Co., Norwich, Conn.	Abington: Weeks Bros.	8.83	5.32	17.81	16.00	8.28	8.00	55.31	4.45	4.50
MAIZE PRODUCTS											
<i>Corn Gluten Feed, etc.</i>											
5111	<i>Corn Feed Meal.</i> Allied Mills Inc., Chicago, Ill.	Danbury: C. S. Barnum & Son..	10.33	1.64	9.00	9.00	3.00	5.00	71.03	5.00	4.00
5149	<i>Clinton Corn Gluten Feed.</i> Clinton Corn Syrup Refining Co., Clinton, Iowa.	Seymour: Seymour Grain & Coal Co.	9.85	5.97	25.00	23.00	7.28	8.50	49.12	2.78	2.00
3627	<i>Buffalo Corn Gluten Feed.</i> Corn Products Refining Co., New York City.	So. Norwalk: Roodner Feed Co.	9.05	5.55	27.19	23.00	6.04	8.50	50.09	2.08	2.00
5188	<i>Diamond Corn Gluten Meal.</i> Corn Products Refining Co., New York City.	Devon: Devon Coal & Ice Co.	8.23	1.05	40.81	40.00	1.88	4.00	46.00	2.03	1.00
5241	<i>Douglas Corn Gluten Feed.</i> Penick & Ford, Inc., Cedar Rapids, Iowa.	Ansonia: I. Sovitsky Grain & Coal Co.	8.43	8.00	23.25	23.00	8.25	8.00	49.22	2.85	1.00
5340	<i>Sweetened Douglas Corn Gluten Feed.</i> Penick & Ford, Inc., Cedar Rapids, Iowa.	Ansonia: I. Sovitsky Grain & Coal Co.	9.23	8.29	20.25	20.00	8.28	7.00	50.45	3.50	1.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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
	MAIZE PRODUCTS—Continued											
	<i>Corn Gluten Feed, etc.—Concluded</i>											
3740	<i>Corn Gluten Feed</i> . A. E. Staley Mfg. Co., Decatur, Ill.	Bloomfield: Bloomfield Farmers' Exchange	9.70	7.66	29.69	23.00	6.09	8.00	45.56	1.30	1.00	
5142	<i>Union Corn Gluten Feed</i> . Union Sales Corp., Columbus, Ind. ...	<i>West Cheshire</i> : Cheshire Grain & Coal Co.	10.40	6.65	26.88	23.00	7.20	8.00	46.54	2.33	1.00	
	<i>Hominy Feed</i>											
5148	<i>Homco</i> . Decatur Milling Co., Decatur, Ill.	<i>Seymour</i> : Seymour Grain & Coal Co.	10.75	2.52	10.06	10.00	5.58	6.00	63.36	7.73	7.00	
3604	<i>Emco</i> . Evans Milling Co., Indianapolis, Ind.	<i>Wallingford</i> : Laden Bros. Co., Inc.	8.43	2.56	9.94	10.00	4.17	5.50	68.85	6.05	6.00	
3739	<i>White</i> . Kellogg Co., Battle Creek, Mich.	<i>Bloomfield</i> : Bloomfield Farmers' Exchange	9.45	1.91	9.75	10.00	3.21	5.00	70.43	5.25	6.00	
3578	<i>Badger White</i> . Charles A. Krause Milling Co., Milwaukee, Wis.	<i>Wallingford</i> : A. E. Hall	7.00	2.75	11.38	10.00	4.57	5.00	67.42	6.88	6.00	
5343	<i>Steam Cooked</i> . Miner-Hillard Milling Co., Wilkes-Barre, Pa.	<i>Granby</i> : E. H. Rollins	9.70	2.25	10.25	10.00	3.33	5.00	69.17	5.30	5.00	

5081	Moon's, George Q. Moon & Co., Inc., Binghamton, N. Y.	Norfolk: Aug. P. Curtis	9.18	2.16	10.13	10.00	4.60	6.00	67.68	6.25	5.00
3677	Poco, Mount Vernon Milling Co., Mount Vernon, Ind.	West Cheshire: Cheshire Grain & Coal Co.	9.00	2.75	10.00	10.00	3.84	6.00	67.36	7.05	7.00
5153	Patent Cereal Co., Geneva, N. Y.	Westville: R. G. Davis & Sons ..	10.50	2.36	10.88	10.00	5.38	5.00	64.80	6.08	5.00
4990	Burt's, Postum Cereal Co., Battle Creek, Mich.	Wallingford: Laden Bros. Co., Inc.	11.18	2.29	10.31	10.00	4.15	5.00	66.32	5.75	6.00
3715	Paragon, St. Albans Grain Co., St. Albans, Vt.	Meriden: H. Grulich	10.20	3.04	9.63	10.00	4.22	7.00	67.03	5.88	6.00
RYE PRODUCTS											
5248	Rye Middlings, Mimer-Hillard Milling Co., Wilkes-Barre, Pa.	Torrington: F. W. Wadhams ...	8.58	3.30	15.63	12.00	4.03	5.00	65.06	3.40	2.50
5458	Rye Feed, Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.	Jewett City: Jewett City Grain Co.	8.73	3.36	16.38	13.50	5.03	6.00	62.95	3.55	3.00
BREWERS' AND DISTILLERS' GRAINS											
5175	"Bull Brand" Dried Brewers Grains, Farmers Feed Co., New York City	Middletown: Meech & Stoddard, Inc.	5.40	3.64	23.25	22.00	16.63	17.00	43.98	7.10	6.00
3687	Alco Dried Brewers' Grains, C. J. Martenis Grain Co., New York City	Plantsville: C. A. Cowles	4.33	4.17	23.88	21.00	13.34	20.00	46.28	8.00	6.00
5166	Alco Dried Distillers' Grains, C. J. Martenis Grain Co., New York City	Watertown: Watertown Coöperative Asso.	7.78	2.22	25.31	25.00	10.90	15.00	45.94	7.85	8.00
3603	Brewers' Dried Grains, St. Albans Grain Co., St. Albans, Vt.	Wallingford: Laden Bros. Co., Inc.	6.23	4.63	22.38	21.00	14.45	15.00	46.18	6.13	5.00
DRIED BEET PULP											
5001	John W. Eshelman & Sons, Lancaster, Pa.	Wallingford: A. E. Hall	10.28	5.65	10.00	7.50	12.75	20.00	60.92	0.40	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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	
			%	%	%	%	%	%	%	%	%	%	%	%
3570	DRIED BEET PULP— <i>Concluded</i> The Larrowe Milling Co., Detroit, Mich.	<i>Wallingford: A. E. Hall</i> <i>Milford: Milford Grain Co.</i> <i>Hamden: Ira W. Beers</i> <i>West Cheshire: Cheshire Grain &</i> <i>Coal Co.</i>	9.00	4.50	10.44	8.00	16.93	20.00	58.30	0.83	0.50	Found	Guaranteed, not less than	
5183	The Larrowe Milling Co., Detroit, Mich.		8.78	3.11	9.00	8.00	18.48	22.00	60.20	0.43	0.50	Found	Guaranteed, not less than	
3758	C. J. Martenis Grain Co., New York City		7.00	3.00	9.00	7.50	18.55	20.00	61.97	0.48	0.50	Found	Guaranteed, not less than	
3676	Milmine Bodman & Co., New York City		9.13	3.04	8.19	7.00	18.19	20.00	60.72	0.73	0.25	Found	Guaranteed, not less than	
5346	PROPRIETARY MIXED FEEDS <i>Horse Feed</i> <i>Amco.</i> Allied Mills, Inc., Chicago, Ill.	<i>Suffield: R. J. C. Wetherell</i> <i>New Milford: Martin Lynch</i> ...	10.65	2.95	10.50	9.00	7.23	9.00	65.44	3.23	3.00	Found	Guaranteed, not less than	
5521	<i>Corn and Oats 1/2 and 1/2 (Pro-</i> <i>zender).</i> Allied Mills, Inc., Chicago, Ill.		9.53	2.36	10.19	10.00	6.08	10.00	67.34	4.50	4.00	Found	Guaranteed, not less than	

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>																				
5074	<i>Horse Feed—Continued</i> Elmore with Molasses. Elmore Milling Co., Onconta, N. Y. . .	Winsted: Charles R. Hawley . . .	12.55	3.46	11.13	9.00	6.95	11.00	62.66	3.25	2.50										
5205	Elmore Pure Ground Corn and Oats. Elmore Milling Co., Onconta, N. Y.	Winsted: Charles R. Hawley . . .	10.33	2.60	10.88	10.00	6.53	7.00	65.33	4.33	3.50										
5339	Eshelman's Corn and Oats Chop. John W. Eshelman & Sons, Lancaster, Pa.	Thomaston: Thomaston Supply Co.	9.53	2.53	10.13	10.00	5.75	9.00	67.31	4.75	4.00										
5116	Eshelman Lancaster 60%. John W. Eshelman & Sons, Lancas- ter, Pa.	Bethel: Morrison & Dunham . . .	8.75	5.30	10.63	9.00	11.53	10.00	60.81	2.98	2.50										
3615	Eshelman's Liberty. John W. Eshelman & Sons, Lancaster, Pa.	Southport: C. Buckingham & Co.	7.18	8.60	10.13	7.00	10.64	10.00	60.65	2.80	2.00										
4971	Eshelman's Red Rose 85. John W. Eshelman & Sons, Lancas- ter, Pa.	Chester: Leet Bros.	11.25	3.55	11.06	9.00	7.80	10.00	62.86	3.48	3.00										

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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> Horse Feed—Continued												
4963	Osborn Provender. S. V. Osborn Est., Branford, Conn.		%	%	%	%	%	%	%	%	%	
5039	Sunshine Alfalfa Meal. Louis E. Page, Boston, Mass.		11.43	2.37	10.50	10.00	6.85	8.00	64.71	4.14	4.00	
5157	Chelsea. Park & Pollard Co., Buffalo, N. Y.		10.10	7.51	12.00	12.00	29.75	36.00	39.19	1.45	1.00	
5120	Corn and Oats 1/2 and 1/2. Park & Pollard Co., Buffalo, N. Y.		7.48	6.65	8.94	8.00	14.43	12.00	59.95	2.55	2.00	
5165	Park & Pollard. Park & Pollard Co., Buffalo, N. Y.		10.83	2.45	10.63	10.00	6.68	8.00	64.93	4.48	4.00	
5516	Alfalfa Stem Meal. Pecos Valley Alfalfa Mill Co., Hagerman, N. M.		11.30	2.89	11.00	10.00	6.75	9.00	64.16	3.90	3.50	
4947	Velvet Meal. Pecos Valley Alfalfa Mill Co., Hagerman, N. M.		6.83	6.47	9.13	10.00	39.58	39.00	36.81	1.18	0.80	
		Guilford: F. H. Rolf, Inc.	9.70	10.63	17.13	17.00	22.93	23.00	37.68	1.93	1.50	

5369	VV Alfalfa Meal, Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	Rockville: Rockville Milling Co. Bristol: Bristol Grain & Supply Co.	7.58	15.27	19.38	20.00	10.30	18.00	45.02	2.45	2.50
5180	Pratt's Utility, Pratt Food Co., Hammond, Ind.	Seymour: Seymour Grain & Coal Co.	8.33	3.65	7.75	6.50	9.85	12.00	67.82	2.60	1.50
3776	Banner, Quaker Oats Co., Chi- cago, Ill.	Wallingford: Laden Bros. Co., Inc. Thompsonville: George S. Phelps & Co.	7.23	5.85	14.88	13.00	13.80	18.00	53.21	5.03	4.50
3605	Horse Power, Quaker Oats Co., Chicago, Ill.	Thompsonville: George S. Phelps & Co.	6.55	5.68	11.19	10.00	9.28	11.00	64.20	3.10	2.80
5351	Quaker Green Cross, Quaker Oats Co., Chicago, Ill.	Lebanon: Berkman Grain Co.	9.73	5.31	9.88	10.00	9.53	12.00	62.90	2.65	2.50
5350	Quaker Molabulk, Quaker Oats Co., Chicago, Ill.	Devon: Devon Coal & Ice Co. Ansonia: I. Sovitsky Grain & Coal Co.	8.08	7.46	10.81	9.00	15.53	16.00	55.97	2.15	2.50
5431	Quaker Thorobred, Quaker Oats Co., Chicago, Ill.	Chester: Leet Bros.	8.03	3.27	10.50	10.50	6.45	9.00	67.85	3.90	3.50
5186	Richford Provender, Quaker Oats Co., Chicago, Ill.	Manchester: Manchester Grain & Coal Co.	9.75	2.49	10.75	10.00	7.00	8.25	65.93	4.08	4.00
3781	Sugared Vim, Quaker Oats Co., Chicago, Ill.	Farmington: Winchell Smith, Inc. Rockville: Rockville Grain & Coal Co.	7.75	7.09	5.25	5.00	24.00	23.00	54.28	1.63	1.50
4970	Vim, Quaker Oats Co., Chicago, Ill.	Seymour: Seymour Grain & Coal Co.	7.73	6.26	5.00	5.00	28.60	30.00	50.86	1.55	2.00
5367	Purina Checkerboard Rolled Oats (Steam Cooked), Ralston Purina Co., St. Louis, Mo.	Hamden: Ira W. Beers Colchester: P. Cutler, Inc.	8.30	1.70	14.38	16.00	1.00	2.00	68.77	5.85	6.00
5051	Purina O-Molene Feed, Ralston Purina Co., St. Louis, Mo.		9.88	3.94	10.38	9.70	7.15	9.00	64.52	4.13	3.20
5570	Diamond, Rockville Grain & Coal Co., Rockville, Conn.		11.50	3.15	9.19	9.00	6.20	10.00	66.13	3.83	3.00
3933	Miracle Molasses, Seymour Grain & Coal Co., Seymour, Conn.		12.00	3.73	10.25	9.50	6.22	7.00	62.57	5.23	3.50
3556	Wirthmore, St. Albans Grain Co., St. Albans, Vt.		5.98	3.58	9.81	9.80	6.29	9.00	70.56	3.78	3.25
5445	Jordan with Molasses, Syracuse Milling Co., Syracuse, N. Y.		6.48	5.83	8.88	7.00	12.28	12.00	64.10	2.43	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>		%	%	%	%	%	%	%	%	%	%	%
5338	<i>Dairy Feeds—Continued</i> <i>Crosby's Sweetened Ready Ration.</i> Crosby Milling Co., Brattleboro, Vt.	Shelton: Wolf Sovitsky	9.95	6.13	20.81	20.00	7.45	8.50	51.11	4.55	5.00		
5182	<i>Basic.</i> R. G. Davis & Sons, New Haven, Conn.	Milford: Milford Grain Co.	9.93	6.73	19.50	20.00	7.90	9.00	51.56	4.38	4.50		
5132	<i>20% Open Formula.</i> R. G. Davis & Sons, New Haven, Conn.	Ansonia: Ansonia Flour & Feed Co.	9.98	6.28	21.44	20.00	6.58	8.00	51.39	4.33	4.00		
5028	<i>Delaware.</i> Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	8.98	6.81	22.50	23.00	8.88	10.00	48.70	4.13	5.00		
5619	<i>New York Feed and Grain Spe- cial Dairy Feed.</i> Delaware Mills, Inc., Deposit, N. Y.	Hartford: N. Y. Feed & Grain Co.	7.68	7.49	25.13	24.00	8.73	8.00	45.49	5.48	5.00		
3564	<i>Eastern States Fulphail.</i> Eastern States Farmers' Exchange, Springfield, Mass.	North Haven: Ridgewood Farm	8.85	7.16	20.00	20.00	7.21	8.00	52.58	4.20	4.00		

5514	Eastern States Highland 20. Eastern States Farmers' Exchange, Springfield, Mass.	Norwich: A. E. Shedd	8.63	7.29	21.50	20.00	11.83	11.00	46.17	4.58	3.50
5497	Eastern States Milk More. Eastern States Farmers' Exchange, Springfield, Mass.	Norwich: A. E. Shedd	9.33	6.95	25.38	24.00	7.33	8.00	46.66	4.35	4.00
3567	Eastern States 16. Eastern States Farmers' Exchange, Springfield, Mass.	North Haven: Ridgewood Farm	9.43	7.68	17.44	16.00	6.63	8.00	54.47	4.35	4.00
5123	Elmore Milk Grains. Elmore Milling Co., Inc., Oneonta, N. Y.	Newtown: R. H. Holcomb & Co.	9.45	6.62	25.88	25.00	9.40	11.00	44.30	4.35	5.00
5071	Elmore's Sweet Digesto. Elmore Milling Co., Inc., Oneonta, N. Y.	Winsted: Charles R. Hawley ...	9.68	6.98	13.38	16.00	17.03	12.00	49.53	3.40	4.00
5156	Elmore Waldorf Formula. Elmore Milling Co., Inc., Oneonta, N. Y.	Naugatuck: Naugatuck Fruit & Products Co.	8.83	7.35	21.81	20.00	8.18	10.00	49.95	3.88	4.00
5400	Emco. Elmore Milling Co., Inc., Oneonta, N. Y.	East Hartford: Stowe & Rondeau	8.65	7.18	20.38	20.00	9.53	10.00	50.56	3.70	4.50
5072	Otsego Economy Ration. Elmore Milling Co., Inc., Oneonta, N. Y.	Winsted: Charles R. Hawley ...	10.13	7.44	20.44	20.00	9.63	11.00	47.98	4.38	4.00
3637	Eshelman's Certified 20%. John W. Eshelman & Sons, Lancaster, Pa.	Wallingford: A. E. Hall	8.73	5.95	22.00	20.00	6.72	8.00	52.55	4.05	4.00
5327	Eshelman's Certified 24%. John W. Eshelman & Sons, Lancaster, Pa.	Norwalk: Frank Libner & Sons..	9.88	6.88	23.94	24.00	7.13	8.00	48.52	3.65	4.50
3573	Eshelman Lancaster 20%. John W. Eshelman & Sons, Lancaster, Pa.	Wallingford: A. E. Hall	9.13	7.17	21.88	20.00	8.81	11.00	48.63	4.38	4.00
5476	Eshelman Pennys 16%. John W. Eshelman & Sons, Lancaster, Pa.	Putnam: Dayville Grain Co.	9.75	8.95	18.13	16.00	9.35	11.00	48.79	5.03	3.00

3738	<i>Domino 24½</i> Nowak Milling Corp., Hammond, Ind.	Bloomfield: Bloomfield Farmers' Exchange	8.43	25.94	24.50	9.42	10.00	43.48	4.35	5.00
3807	<i>Marathon</i> , Nowak Milling Corp., Hammond, Ind.	Bloomfield: Bloomfield Farmers' Exchange	10.00	19.50	20.00	12.04	12.00	43.72	4.88	4.00
5496	<i>Big Value with Molasses</i> , Ontario Milling Co., Inc., Oswego, N. Y.	Plainfield: Farmers' Coop. Trading Asso.	10.88	21.63	20.00	7.08	10.00	49.83	4.65	4.50
5377	<i>Butterfat with Molasses</i> , Ontario Milling Co., Inc., Oswego, N. Y.	Middletown: P. Levson & Son ..	9.73	25.00	24.00	7.33	10.00	46.44	5.15	5.00
5378	<i>Uncle John's 24% Cream Pot Ration</i> , Ontario Milling Co., Inc., Oswego, N. Y.	Middletown: P. Levson & Son ..	8.50	25.13	24.00	8.18	9.00	46.42	5.55	5.50
5010	<i>Bet-R Milk Ration 20%</i> , Park & Pollard Co., Buffalo, N. Y.	West Cheshire: Cheshire Grain & Coal Co.	10.98	21.38	20.00	8.05	9.00	47.69	4.00	4.00
5009	<i>Claco</i> , Park & Pollard Co., Buffalo, N. Y.	West Cheshire: Cheshire Grain & Coal Co.	10.85	20.63	20.00	7.90	9.00	49.48	4.10	4.50
5008	<i>Milk Maid 24%, Sweetened</i> , Park & Pollard Co., Buffalo, N. Y.	West Cheshire: Cheshire Grain & Coal Co.	10.23	23.44	24.00	9.18	11.00	45.16	4.43	4.50
5077	<i>Overall 24%</i> , Park & Pollard Co., Buffalo, N. Y.	Coal Co.	9.20	25.00	24.00	4.73	9.00	49.28	4.80	4.50
5509	<i>Producer</i> , H. C. Puffer, Springfield, Mass.	East Winsted: Leonard Grain Co.	8.85	21.38	20.00	7.85	10.00	50.41	4.58	3.50
5331	<i>Producer</i> , H. C. Puffer, Springfield, Mass.	Simsbury: Woods-Chandler Co.	8.65	25.31	24.00	7.93	8.50	49.58	4.78	4.00
5332	<i>Sweetened Producer</i> , H. C. Puffer, Springfield, Mass.	Simsbury: Woods-Chandler Co.	8.75	20.81	20.00	11.13	12.50	48.50	3.70	3.50
5190	<i>Quaker 16% Protein</i> , Quaker Oats Co., Chicago, Ill.	Stratford: Farmers' Flour & Grain Co.	8.65	15.88	16.00	13.10	13.50	51.07	3.25	3.50
5192	<i>Quaker 20% Protein</i> , Quaker Oats Co., Chicago, Ill.	Stratford: Farmers' Flour & Grain Co.	8.45	22.25	20.00	11.43	12.00	46.15	4.13	3.25
3621	<i>Quaker 24% Protein</i> , Quaker Oats Co., Chicago, Ill.	Norwalk: Frank Libner & Sons ..	8.58	23.81	24.00	10.98	12.00	44.62	4.28	4.00
5189	<i>Protena</i> , Ralston Purina Co., St. Louis, Mo.	Stratford: Farmers' Flour & Grain Co.	8.75	17.38	16.00	13.83	12.00	49.28	3.25	2.30

3777	Ansonia. I. Sovitsky [®] Grain & Coal Co., Ansonia, Conn.	Ansonia: I. Sovitsky Grain & Coal Co.	8.78	7.21	19.13	20.00	10.59	11.00	49.49	4.80	4.75
5050	Ansonia. I. Sovitsky Grain & Coal Co., Ansonia, Conn.	Ansonia: I. Sovitsky Grain & Coal Co.	9.00	7.57	19.13	20.00	11.08	11.00	48.59	4.63	4.75
4933	Hygrade 16 Sweetened Milk Ration. St. Albans Grain Co., St. Albans, Vt.	Southbury: H. R. Stone	12.35	7.34	17.06	16.00	7.23	8.50	52.09	3.93	3.50
4968	Hygrade 20 Sweetened Milk Ration. St. Albans Grain Co., St. Albans, Vt.	Centerbrook: W. J. Prann	11.48	7.08	21.06	20.00	7.33	8.50	49.46	3.59	4.00
5155	Hygrade 24 Sweetened Milk Ration. St. Albans Grain Co., St. Albans, Vt.	Naugatuck: Naugatuck Fruit & Products Co.	9.63	8.18	24.69	24.00	7.70	9.00	45.52	4.28	4.00
5512	King 20, Sweetened. St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	10.08	7.37	20.25	20.00	7.58	8.50	50.49	4.23	4.00
5418	King 22 Milk Ration, Sweetened. St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	9.70	6.53	23.06	22.00	9.18	9.00	47.15	4.38	4.50
5096	Paragon, Sweetened. St. Albans Grain Co., St. Albans, Vt.	New Milford: George T. Soule ..	9.95	7.07	20.75	20.00	12.53	11.00	45.80	3.90	3.25
3731	Wirthmore 25 Balanced Ration. St. Albans Grain Co., St. Albans, Vt.	Kensington: S. F. Labieniec	8.93	6.74	25.13	25.00	9.00	9.00	44.75	5.45	5.00
3642	Wirthmore 25 Balanced Ration, Sweetened. St. Albans Grain Co., St. Albans, Vt.	Danbury: F. C. Benjamin	7.25	6.92	24.25	25.00	8.98	8.50	46.72	5.88	4.75
3551	Wirthmore 20, Sweetened. St. Albans Grain Co., St. Albans, Vt.	Hamden: Ira W. Beers	9.30	6.02	21.50	20.00	7.43	8.00	50.62	5.13	4.75
5413	Wirthmore with Beet Pulp, Sweetened. St. Albans Grain Co., St. Albans, Vt.	So. Coventry: E. W. Latimer	9.00	7.05	22.44	20.00	8.93	11.00	48.10	4.48	4.00
5448	Onondaga, Syracuse Milling Co., Syracuse, N. Y.	Colchester: P. Cutler, Inc.	8.40	6.39	21.25	20.00	10.78	12.00	48.13	5.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>		%	%	%	%	%	%	%	%	%	
5444	<i>Dairy Feeds—Concluded</i> Onondaga, Sweetened. Syracuse Milling Co., Syracuse, N. Y. . . .	Colchester: P. Cutler, Inc.	8.98	7.05	20.25	20.00	10.98	12.00	48.41	4.33	4.00	
4975	Syracold. Syracuse Milling Co., Syracuse, N. Y.	Higganum: Felix Petrofsky	9.68	6.28	24.00	24.00	9.63	12.00	45.86	4.55	4.50	
5449	Syracold, Sweetened. Syracuse Milling Co., Syracuse, N. Y. . . .	Colchester: P. Cutler, Inc.	8.95	7.06	24.63	24.00	9.58	12.00	45.33	4.45	4.50	
3607	Syracold Milk Ration. Syracuse Milling Co., Syracuse, N. Y. . . .	East Bridgeport: J. Simon	8.78	5.11	20.56	20.00	8.73	12.00	52.34	4.48	4.00	
5362	Syracold Milk Ration, Sweetened. Syracuse Milling Co., Syracuse, N. Y.	Manchester: Little & McKinney . .	8.93	7.13	21.38	20.00	10.10	12.00	47.61	4.85	4.00	
5244	Talcott Economy. D. L. Talcott, Torrington, Conn.	Torrington: D. L. Talcott	9.55	7.82	22.44	23.00	8.70	9.00	46.84	4.65	4.50	
5169	Thomaston, Thomaston Supply Co., Thomaston, Conn.	Thomaston: Thomaston Supply Co.	9.03	8.08	21.19	20.00	10.30	8.00	46.60	4.80	5.00	

5032	<i>E-Gee</i> , Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Plainville: W. S. Eaton	11.03	7.26	22.00	20.00	8.18	10.00	46.98	4.55	3.50
5043	<i>Red Brand Tioga</i> , Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Bristol: Bristol Grain & Supply Co.	9.00	7.77	25.88	24.00	8.83	10.00	43.82	4.70	4.50
5430	<i>Union Grains Ubiiko 24%</i> , Ubiiko Milling Co., Cincinnati, Ohio ..	Lebanon: Berkman Grain Co.	8.70	7.54	24.63	24.00	9.13	10.00	44.65	5.35	5.00
5323	<i>Vitality 12%</i> , Vitality Mills, Inc., Chicago, Ill.	Farmington: Winchell Smith, Inc.	9.50	6.83	12.38	12.00	8.00	10.00	58.36	4.93	4.00
5322	<i>Vitality 20%</i> , Vitality Mills, Inc., Chicago, Ill.	Farmington: Winchell Smith, Inc.	8.58	7.42	19.13	20.00	8.18	10.00	51.54	5.15	4.00
5321	<i>Vitality 20% Testing</i> , Vitality Mills, Inc., Chicago, Ill.	Farmington: Winchell Smith, Inc.	8.53	7.90	20.13	20.00	6.35	9.00	51.76	5.33	5.00
5489	<i>All Pure 20% Milk Ration</i> , West-Nesbitt, Inc., Oneonta, N. Y. ...	Danielson: Dayville Grain Co.	9.83	7.96	21.75	20.00	9.68	10.00	46.63	4.15	4.50
5490	<i>Pure Feed</i> , West-Nesbitt, Inc., Oneonta, N. Y.	Danielson: Dayville Grain Co.	9.30	7.33	23.25	20.00	9.38	10.00	46.61	4.13	4.00
5492	<i>Super Pure Feed</i> , West-Nesbitt, Inc., Oneonta, N. Y.	Danielson: Dayville Grain Co.	9.23	7.76	25.13	24.00	9.30	10.00	43.80	4.78	5.00
5368	<i>Big (Y) Dairy Ration</i> , Yantic Grain & Products Co., Norwich, Conn.	Rockville: Rockville Grain & Coal Co.	8.48	6.51	23.38	24.00	7.63	9.00	49.25	4.75	5.00
5421	<i>Open Formula 20%</i> , Yantic Grain & Products Co., Norwich, Conn.	Williamantic: Boston Grain Co. ...	9.50	6.70	21.88	20.00	7.88	9.00	49.59	4.45	4.00
5423	<i>Open Formula 24%</i> , Yantic Grain & Products Co., Norwich, Conn.	Williamantic: Boston Grain Co. ...	8.75	7.57	23.75	24.00	7.03	9.00	49.00	3.90	4.00
5370	<i>Uncas</i> , Yantic Grain & Products Co., Norwich, Conn.	Rockville: Rockville Milling Co.	8.85	6.05	21.13	20.00	7.50	9.00	52.02	4.45	5.00
5108	<i>Amco 12% Fitting Ration</i> , Allied Mills, Inc., Chicago, Ill.	Danbury: C. S. Barnum & Son ..	9.75	6.45	14.00	12.00	7.08	9.00	58.89	3.83	3.00
5456	<i>Arcady</i> , Arcady Farms Milling Co., Chicago, Ill.	Norwich: A. E. Shedd	8.40	7.04	10.50	9.00	14.45	12.00	56.48	3.13	3.50

Stock Feeds

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>Stock Feeds—Continued</i>												
5404	Pennant, E. W. Bailey & Co., Montpelier, Vt.	West Willington: H. M. Hansen	9.20	4.05	10.31	9.50	9.25	9.50	62.86	4.33	4.00		
5408	Pennant, Sweetened, E. W. Bailey & Co., Montpelier, Vt.	Mansfield Depot: Martin M. Han- sen	9.73	4.57	10.38	9.50	8.73	9.50	62.51	4.08	4.00		
4937	Cayuga, Beacon Milling Co., Inc., Cayuga, N. Y.	New Milford: W. L. Richmond & Son	10.88	6.19	12.25	11.00	7.98	8.00	58.87	3.83	4.00		
5460	Campbell Fitting Ration, C. W. Campbell Co., Westerly, R. I.	Groton: C. W. Campbell Co. ...	8.55	5.63	15.25	14.00	6.48	8.00	59.36	4.73	4.00		
5161	Crosby's, Crosby Milling Co., Brattleboro, Vt.	Shelton: Wolf Sovitsky	9.45	4.18	9.88	9.00	9.65	9.50	61.56	5.28	4.00		
5133	Davis, R. G. Davis & Sons, New Haven, Conn.	Ansonia: Ansonia Flour & Feed Co.	9.78	3.55	10.00	10.00	10.13	14.00	61.01	5.53	2.00		
5027	Delaware, Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	10.08	6.28	8.88	9.00	12.25	12.00	60.06	2.45	3.00		
3563	Eastern States Fitting Ration, Eastern States Farmers' Ex- change, Springfield, Mass.	North Haven: Ridgewood Farm..	10.08	7.10	13.81	12.00	6.10	7.00	59.38	3.53	3.50		

5154	Elmore. Elmore Milling Co., Inc., Oneonta, N. Y.	Naugatuck: Naugatuck Fruit & Products Co.	8.38	3.37	9.25	10.00	10.15	12.00	63.45	5.40	3.00
3636	Eshelman's Certified Fitting Ration: John W. Eshelman & Sons, Lancaster, Pa.	Wallingsford: A. E. Hall	9.25	5.80	14.38	12.00	6.85	7.00	59.07	4.65	3.50
5000	Eshelman's S-O-S. John W. Eshelman & Sons, Lancaster, Pa. ..	Wallingsford: A. E. Hall	12.48	9.39	13.63	11.00	14.55	15.00	47.77	2.18	2.00
5097	Eshelman. John W. Eshelman & Sons, Lancaster, Pa.	Brookfield: S. A. Smith	10.38	3.79	9.13	9.00	9.75	11.00	63.22	3.73	3.00
5211	B-B Hi-Test, Sweetened. Marriage Milling Co., Buffalo, N. Y.	Ansonia: A. Hodos & Son	9.85	4.53	9.88	9.00	8.98	12.00	61.71	5.05	3.00
5398	Red Wing Special. Meech & Stoddard, Inc., Middletown, Conn. ..	East Hartford: Meech Grain Co.	9.18	6.01	9.19	9.00	9.53	12.00	61.64	4.45	3.00
5174	Red Wing. Meech & Stoddard, Inc., Middletown, Conn.	Middletown: Meech & Stoddard, Inc.	7.85	6.18	9.13	9.00	11.83	12.00	59.83	5.18	3.00
4977	Moon's. George O. Moon & Co., Binghamton, N. Y.	Higganum: Felix Petrofsky	9.80	3.82	9.75	9.00	10.15	12.00	62.20	4.28	3.00
4951	Old Mill Fitting Feed. Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son ..	13.23	6.36	12.88	12.00	6.10	8.00	57.68	3.75	4.00
5381	Uncle John's. Ontario Milling Co., Inc., Oswego, N. Y.	Middletown: P. Levson & Son ..	9.40	4.80	10.88	9.50	10.88	12.00	60.86	3.18	3.00
5461	Bison. Sweetened. Park & Pollard Co., Buffalo, N. Y.	Groton: C. W. Campbell Co.	9.03	6.25	10.25	10.00	11.33	12.00	59.96	3.18	3.00
5031	Park & Pollard Fitting Ration. Park & Pollard Co., Buffalo, N. Y.	Plainville: F. B. Newton	10.10	6.33	13.63	12.00	6.38	7.00	60.76	2.80	3.50
5164	Park & Pollard. Park & Pollard Co., Buffalo, N. Y.	Naugatuck: Spencer Grain Co. ..	8.90	5.24	9.69	8.50	10.88	12.00	60.64	4.65	4.00
5223	Pratt's Sugared. Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons ..	9.20	7.69	9.88	10.00	13.63	15.00	56.97	2.63	2.50
3724	Quaker Schumacher. Quaker Oats Co., Chicago, Ill.	Kensington: S. F. Labieniec	9.25	5.75	10.25	10.00	9.88	12.00	60.79	4.08	3.25
4943	Quaker Sugared Schumacher. Quaker Oats Co., Chicago, Ill.	Branford: S. V. Osborn Est.	10.60	5.93	10.75	10.00	10.73	12.00	58.21	3.78	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>		%	%	%	%	%	%	%	%	%	
3619	<i>White Star, Fine, Quaker Oats</i> Co., Chicago, Ill.		7.10	6.08	9.75	9.00	11.18	14.00	61.86	4.03	3.00	
5243	<i>Purina Bulky Cow Chow, Ralston</i> Purina Co., St. Louis, Mo.	Norwalk: Frank Libner & Sons . . . Torrington: F. L. Wadham & Sons	9.53	6.64	18.63	16.00	10.30	12.00	51.47	3.43	3.00	
4993	<i>Purina Fitting Chow, Ralston</i> Purina Co., St. Louis, Mo.	Meriden: H. Grulich	11.03	5.93	13.69	13.50	10.15	12.00	55.70	3.50	2.60	
5365	<i>Purina, Ralston Purina Co., St.</i> Louis, Mo.	Manchester: Manchester Grain Co.	9.48	6.22	10.13	9.00	10.40	12.00	60.52	3.25	2.30	
5147	<i>Miracle Fitting Ration, Seymour</i> Grain & Coal Co., Seymour, Conn.	Seymour: Seymour Grain & Coal Co.	10.98	7.42	14.31	12.00	7.95	8.00	54.89	4.45	4.00	
3779	<i>Ansonia, I. Sovitsky Grain &</i> Coal Co., Ansonia, Conn.	Ansonia: I. Sovitsky Grain & Coal Co.	7.40	5.54	8.81	8.00	14.80	12.00	59.37	4.08	2.00	
5112	<i>Hygrade, Sweetened, St. Albans</i> Grain Co., St. Albans, Vt.	Danbury: F. C. Benjamin	9.98	5.82	10.81	10.00	13.93	12.00	56.46	3.00	3.25	

5415	King, St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	9.80	3.51	10.19	9.00	7.88	10.00	62.49	6.13	4.00
4969	Withmore #4 Fitting Ration, St. Albans Grain Co., St. Albans, Vt.	Centerbrook: W. J. Prann	11.80	6.10	14.75	14.00	6.85	7.00	56.50	4.00	4.00
4931	Withmore Fodder Greens, St. Albans Grain Co., St. Albans, Vt.	Southbury: H. R. Stone	11.48	6.14	10.56	9.00	15.90	19.00	54.12	1.80	1.25
5004	Withmore, St. Albans Grain Co., St. Albans, Vt.	Meriden: H. Grulich	10.20	3.43	10.13	9.00	8.75	9.50	61.36	6.13	4.00
3606	Syracoid, Syracuse Milling Co., Syracuse, N. Y.	East Bridgeport: J. Simon	10.28	4.13	9.50	9.00	9.44	12.00	62.60	4.05	3.00
5037	Or-Co, Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Plainville: W. S. Eaton	12.05	8.11	19.00	16.00	9.15	12.00	48.19	3.50	3.00
5477	Fitting Ration for Horses and Cattle, West-Nesbitt, Inc., Oneonta, N. Y.	Putnam: Dayville Grain Co.	10.05	5.55	12.13	10.00	6.50	7.00	61.44	4.33	4.00
5450	Uncas, Yantic Grain & Products Co., Norwich, Conn.	Yantic: Yantic Grain Mill	8.98	3.90	9.50	9.00	9.20	12.00	63.97	4.45	4.00
5420	Uncas Sugared, Yantic Grain & Products Co., Norwich, Conn.	Willimantic: Boston Grain Co.	9.63	4.37	9.00	9.00	10.00	12.00	63.02	3.98	4.00
5523	<i>Calf Feeds, etc.</i> Amco, Allied Mills, Inc., Chicago, Ill.	New Milford: Martin Lynch	9.00	5.96	24.50	24.00	6.85	6.50	48.99	4.70	4.00
5130	Beacon Hog Feed, Beacon Milling Co., Inc., Cayuga, N. Y.	Shelton: Shelton Feed Co., Inc.	10.25	8.37	19.56	18.00	5.93	7.00	50.76	5.13	5.00
5113	Blatchford's, Blatchford Calf Meal Co., Waukegan, Ill.	Donbury: F. C. Benjamin	10.23	7.73	24.25	24.00	6.30	6.75	47.11	4.38	5.00
3766	Elmore "Three Point," Elmore Milling Co., Inc., Oneonta, N. Y.	Hazardville: Amos D. Bridge's Sons	10.88	7.24	24.06	24.00	3.35	4.00	51.59	2.88	4.00

5385	<i>Purina Pig Chow Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	New Britain: New Britain Bird Store	9.43	8.83	22.19	20.00	8.28	7.00	47.17	4.10	3.20
5383	<i>Wirthmore.</i> St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons	9.10	5.44	22.94	24.00	2.55	4.00	55.07	4.90	5.50
5414	<i>Wirthmore Pig and Hog, A Growing and Fattening Feed.</i> St. Albans Grain Co., St. Albans, Vt.	So. Coventry: E. W. Latimer ... Bristol: Bristol Grain & Supply Co.	9.65	8.58	17.75	17.00	6.13	9.00	53.14	4.75	4.00
5044	<i>Tioga.</i> Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Co.	9.40	6.99	24.88	21.00	4.90	7.00	49.08	4.75	4.00
5480	<i>Poultry Feeds</i> <i>Amco Scratch Grains.</i> Allied Mills, Inc., Chicago, Ill.	East Woodstock: Ralph T. Eddy	10.83	1.38	12.13	10.00	2.33	3.00	71.38	1.95	2.50
5348	<i>Amco Super Egg Mash.</i> Allied Mills, Inc., Chicago, Ill.	Suffield: R. J. C. Wetherell	9.30	7.02	20.25	18.50	5.28	7.00	53.02	5.13	4.00
5526	<i>Sucrene Egg Mash.</i> Allied Mills, Inc., Chicago, Ill.	Bristol: C. A. Cowles	9.48	10.21	19.38	18.00	6.10	7.00	51.08	3.75	3.50
5522	<i>Tip Top Scratch Grains.</i> Allied Mills, Inc., Chicago, Ill.	New Milford: Martin Lynch	10.45	1.50	12.63	10.00	2.58	5.00	70.71	2.13	2.50
5349	<i>Universal Scratch Grains.</i> Allied Mills, Inc., Chicago, Ill.	Suffield: R. J. C. Wetherell	11.13	1.42	10.75	9.00	2.38	5.00	72.27	2.05	3.00
5024	<i>Wayne All Mash Chick Starter with Cod Liver Oil.</i> Allied Mills, Inc., Chicago, Ill.	Plantville: C. A. Cowles	9.73	8.15	16.81	16.00	5.48	6.00	55.15	4.68	4.00
5347	<i>Wayne All Mash Grower with Cod Liver Oil.</i> Allied Mills, Inc., Chicago, Ill.	Suffield: R. J. C. Wetherell	9.70	8.32	17.88	15.00	5.60	6.00	53.85	4.65	4.00
5479	<i>Wayne Egg Mash.</i> Allied Mills, Inc., Chicago, Ill.	East Woodstock: Ralph T. Eddy	9.33	9.16	18.88	18.00	5.33	7.00	52.72	4.58	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>												
5041	Bristol Mash, Bristol Grain & Supply Co., Bristol, Conn.	Bristol: Bristol Grain & Supply Co.	10.25	9.28	21.00	10.00	6.90	10.00	47.87	4.70	4.00		
5040	Bristol Scratch, Bristol Grain & Supply Co., Bristol, Conn.	Bristol: Bristol Grain & Supply Co.	11.70	1.48	10.50	9.00	3.13	6.00	70.54	2.65	2.00		
3610	C-B Growing Mash, C. Buckingham & Co., Southport, Conn.	Southport: C. Buckingham & Co.	9.98	7.13	15.50	15.00	5.27	7.00	57.22	4.90	5.00		
3609	C-B Mash, C. Buckingham & Co., Southport, Conn.	Southport: C. Buckingham & Co.	8.93	7.33	19.00	19.00	5.45	8.00	54.74	4.55	5.00		
3611	C-B Scratch Feed, C. Buckingham & Co., Southport, Conn.	Southport: C. Buckingham & Co.	11.50	1.56	10.44	10.00	3.07	3.80	70.85	2.58	2.50		
4983	Chicken Greens C. & H. California Hawaiian Milling Co., San Francisco, Calif.	Wallingford: A. E. Hall	9.75	10.05	21.38	20.00	18.45	18.00	38.44	1.93	2.50		
5471	Egg-O Dry Mash, C. W. Campbell Co., Westerly, R. I.	Westerly: C. W. Campbell Co.	8.48	9.25	19.50	18.00	7.35	8.00	49.87	5.55	2.00		

5162	Crosby's Egg Mash. Crosby Milling Co., Brattleboro, Vt.	Shelton: Wolf Sovitsky	9.43	8.88	20.50	20.00	5.38	7.00	51.21	4.60	4.00
5360	Crosby's Growing Feed. Crosby Milling Co., Brattleboro, Vt. ..	Manchester: O. E. Bailey	9.55	8.20	17.13	15.00	4.98	4.50	55.24	4.90	4.00
5359	Crosby's Intermediate Chick Feed. Crosby Milling Co., Brattleboro, Vt.	Manchester: O. E. Bailey	10.08	1.68	12.50	10.00	1.90	3.50	70.44	3.40	2.50
3626	Crosby's Scratch Feed. Crosby Milling Co., Brattleboro, Vt. G.	So. Norwalk: Roodner Feed Co.	11.93	1.55	10.81	11.00	2.92	5.00	69.91	2.88	3.00
5324	Dats Buttermilk Mash. R. G. Davis & Sons, New Haven, Conn.	Ansonia: Ansonia Flour & Feed Co.	9.40	9.24	19.13	18.00	5.23	7.00	51.80	5.20	5.00
5150	Dats Scratch Feed. R. G. Davis & Sons, New Haven, Conn.	Westville: R. G. Davis & Sons ..	10.53	1.63	12.00	10.00	3.38	5.00	69.93	2.53	2.00
5030	Delaware Chick Starting Mash (with Dried Buttermilk). Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	9.88	8.28	17.38	15.00	4.95	5.00	55.01	4.50	4.00
5029	Delaware Growing Mash (with Dried Buttermilk). Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	9.40	12.26	18.25	17.00	5.06	6.00	50.43	4.60	5.00
5026	Delaware Intermediate Chick Grains. Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	11.93	1.50	12.06	10.00	2.45	5.00	68.98	3.08	2.00
5025	Double Circle Scratch Grains. Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	11.33	1.49	10.88	10.00	3.15	5.00	70.90	2.25	2.50
5494	Indian Laying Mash. Delaware Mills, Inc., Deposit, N. Y.	Waregan: A. Samalus	10.15	8.11	19.19	18.00	6.00	7.00	51.37	5.18	4.00
5493	Indian Scratch Grains. Delaware Mills, Inc., Deposit, N. Y.	Waregan: A. Samalus	11.95	1.65	11.44	10.00	2.78	5.00	69.80	2.38	2.50
5546	Eastern States Egg Mash. Eastern States Farmers' Exchange, Springfield, Mass.	Norwich: A. E. Shedd	9.28	11.30	18.38	16.50	5.73	6.50	50.63	4.68	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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 more than	
4982	PROPRIETARY MIXED FEEDS— Continued Poultry Feeds—Continued Eastern States Egg Mash (with Cod Liver Oil) Open Formula, Eastern States Farmers' Ex- change, Springfield, Mass.	North Haven: Ridgewood Farm..	9.75	10.84	17.63	6.05	50.18	5.55	4.00	4.00	4.00
4964	Eastern States Milk Egg Mash, Eastern States Farmers' Ex- change, Springfield, Mass.	Clinton: A. L. Lockwood	10.40	9.96	17.56	6.05	51.75	4.28	4.00	4.00	4.00
5518	Eastern States Milk Egg Mash (with Cod Liver Oil). East- ern States Farmers' Exchange, Springfield, Mass.	North Haven: Ridgewood Farm..	8.45	11.23	18.88	5.80	50.46	5.18	4.00	4.00	4.00
3568	Eastern States Scratch Grains W/ Cracked Corn, Eastern States Farmers' Exchange, Springfield, Mass.	North Haven: Ridgewood Farm..	10.77	1.63	11.13	2.89	70.83	2.75	2.50	2.50	2.50

3761	Flory's Scratch Feed. Flory Milling Co., Inc., Bangor, Pa.	Thompsonville: George S. Phelps & Co.	11.55	1.52	10.50	9.00	2.65	4.00	71.00	2.78	2.50
5531	Golden Egg Laying Mash. Flory Milling Co., Inc., Bangor, Pa.	Hartford: H. L. Solloway	8.78	10.54	20.13	20.00	6.25	7.00	48.50	5.80	4.00
5707	R-Oven Laying Mash. Forbes Feed Mill, East Haven, Conn.	East Haven: F. A. Forbes	9.13	6.29	18.00	18.00	5.05	8.00	56.75	4.78	4.00
5222	Eventually Gold Medal Egg Mash with Dried Buttermilk. General Mills, Inc., Minneapolis, Minn.	Norwalk: Frank Libner & Sons ..	8.60	8.70	21.25	20.00	6.13	7.00	49.92	5.40	5.50
5441	Eventually Gold Medal Scratch Feed, No Grit. General Mills, Inc., Minneapolis, Minn.	Farmington: Winchell Smith, Inc.	9.98	1.83	12.19	10.00	2.88	4.00	70.52	2.60	3.00
5095	Grandin's Laying Mash with Buttermilk. D. H. Grandin Milling Co., Jamestown, N. Y.	Kent: Kent Grain & Coal Co. ...	9.30	10.99	21.88	20.00	6.10	8.00	47.60	4.13	4.00
5535	Grandin's Screened Scratch Feed. D. H. Grandin Milling Co., Jamestown, N. Y.	Kent: Kent Grain & Coal Co. ...	10.95	1.65	11.13	10.00	2.95	5.00	70.64	2.68	2.50
3562	Red Comb Chick Starter with Dried Buttermilk. Hales & Hunter Co., Chicago, Ill.	Hamden: Ira W. Beers	8.63	8.49	15.94	14.00	5.15	5.00	57.64	4.15	4.00
3559	Red Comb Duck Fattener. Hales & Hunter Co., Chicago, Ill.	Hamden: Ira W. Beers	8.53	6.40	15.06	15.00	3.87	5.00	62.59	3.55	3.50
3552	Red Comb Egg Mash with Dried Buttermilk. Hales & Hunter Co., Chicago, Ill.	Hamden: Ira W. Beers	8.90	9.75	17.81	15.00	6.51	6.00	52.85	4.18	4.00
3553	Red Comb Growing Mash with Dried Buttermilk. Hales & Hunter Co., Chicago, Ill.	Hamden: Ira W. Beers	8.58	9.66	15.75	14.00	6.49	6.00	55.37	4.15	4.00
3549	Red Comb Scratch Feed. Hales & Hunter Co., Chicago, Ill.	Hamden: Ira W. Beers	11.23	2.37	10.25	10.00	2.86	5.00	70.06	3.23	2.50
3925	Hudson's Developing Mash. L. W. Hudson, Windsor, Conn. ...	Windsor: L. W. Hudson	8.88	5.78	17.81	17.00	6.17	5.50	56.38	4.98	5.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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																			
	<i>Poultry Feeds—Continued</i>																			
3797	<i>Laying Mash</i> , L. W. Hudson, Windsor, Conn.	Windsor: L. W. Hudson	9.73	6.26	14.25	18.00	7.01	6.50	57.90	4.85	5.50									
3784	<i>Just-Right Chick Starter No. 1</i> , Jersey Co., Minneapolis, Minn.	Ansonia: I. Sovitsky Grain & Coal Co.	10.25	5.22	16.25	14.00	4.76	5.00	58.32	5.20	3.57									
3783	<i>Just-Right Egg Mash</i> , Jersey Co., Minneapolis, Minn.	Ansonia: I. Sovitsky Grain & Coal Co.	9.25	9.26	22.69	20.00	7.67	8.00	44.70	6.43	4.00									
3725	<i>Dry Mash</i> , S. F. Labieniec, Ken- sington, Conn.	Kensington: S. F. Labieniec	9.90	9.24	19.00	19.00	6.72	8.00	50.44	4.70	5.00									
3712	<i>Special Scratch Feed</i> , Emil F. Lackman, Long Hill, Conn.	Long Hill: Emil F. Lackman	12.80	1.76	10.75	10.00	2.70	4.00	69.61	2.38	3.00									
5239	<i>Square Deal Buttermilk Laying Mash</i> , Emil F. Lackman, Long Hill, Conn.	Long Hill: Emil F. Lackman	8.75	11.94	20.75	20.00	7.00	7.00	46.81	4.75	5.00									
4991	<i>Laden's Chick Starter</i> , Laden Bros. Co., Inc., Wallingford, Conn.	Wallingford: Laden Bros. Co., Inc.	10.40	7.44	17.75	17.00	5.43	5.00	53.63	5.35	5.00									

3581	Laden's Growing Mash, Laden Bros. Co., Inc., Wallingford, Conn.	Wallingford: Laden Bros. Co., Inc.	9.13	6.17	17.56	17.00	4.61	5.00	56.58	5.95	5.50
3580	Laden's Laying Mash, Laden Bros. Co., Inc., Wallingford, Conn. ...	Wallingford: Laden Bros. Co., Inc.	8.90	6.31	17.56	18.00	6.24	5.00	55.31	5.68	5.00
4989	Laden's Laying Mash, Laden Bros. Co., Inc., Wallingford, Conn. ...	Wallingford: Laden Bros. Co., Inc.	10.40	6.33	16.81	18.00	5.33	5.00	55.50	5.63	5.00
5055	Larro Chick Starter, Larrowe Milling Co., Detroit, Mich. ...	Unionville: Lawton-Miner Co. ...	9.75	6.79	17.25	16.00	4.38	5.00	57.25	4.58	4.50
3743	Larro Egg Mash, Larrowe Milling Co., Detroit, Mich.	Thompsonville: George S. Phelps & Co.	8.70	10.70	20.63	19.00	5.94	8.00	48.78	5.25	5.00
5228	Larro Growing Grains, Larrowe Milling Co., Detroit, Mich. ...	So. Norwalk: Roodner Feed Co.	11.68	1.40	10.38	10.00	2.13	4.00	71.83	2.58	3.00
3647	Larro Growing Mash, Larrowe Milling Co., Detroit, Mich. ...	Shelton: Wolf Sovitsky	8.35	7.39	17.19	16.00	5.28	6.50	56.76	5.03	5.00
5225	Larro Scratch Grains, Larrowe Milling Co., Detroit, Mich. ...	So. Norwalk: Roodner Feed Co.	10.70	1.60	10.44	10.00	2.98	4.00	71.73	2.55	2.50
3733	Homestead Dry Mash, C. W. Lines Co., New Britain, Conn. ...	New Britain: C. W. Lines Co. ...	9.78	10.99	19.38	18.00	6.05	7.00	48.65	5.15	4.00
3735	Homestead Scratch Feed, C. W. Lines Co., New Britain, Conn. ...	New Britain: C. W. Lines Co. ...	12.63	1.48	9.94	9.00	2.53	5.00	70.44	2.98	2.50
3732	Mill Pride Dry Mash, C. W. Lines Co., New Britain, Conn. ...	New Britain: C. W. Lines Co. ...	9.68	11.08	18.75	18.00	6.55	7.50	49.06	4.88	5.00
3734	Mill Pride Scratch Feed, C. W. Lines Co., New Britain, Conn. ...	New Britain: C. W. Lines Co. ...	12.58	1.53	10.31	10.00	2.51	5.00	69.87	3.20	3.00
5483	Common Sense Growing Mash, Litchfield Coop. Asso., Torrington, Conn.	Torrington: Litchfield Coop. Asso.	9.90	6.97	16.38	15.00	5.35	8.00	56.72	4.68	4.00
5482	Common Sense Laying Mash, Litchfield Coop. Asso., Torrington, Conn.	Torrington: Litchfield Coop. Asso.	10.95	6.19	16.75	15.00	5.78	7.00	55.98	4.35	4.00
5066	Huntington Red Star Egg Mash, E. Manchester & Sons, Winsted, Conn.	Winsted: E. Manchester & Sons	10.45	9.02	16.88	13.00	5.90	6.00	53.35	4.40	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>													
5063	Red Star Egg Mash, E. Manchester & Sons, Winsted, Conn.	E. Manchester & Sons	9.58	14.63	18.13	18.00	5.95	8.00	46.93	4.78	4.00			
5203	Red Star Scratch Feed, E. Manchester & Sons, Winsted, Conn.	E. Manchester & Sons	11.30	1.59	11.13	10.00	2.80	7.00	70.65	2.53	2.00			
5064	Red Star Starting & Growing Mash, E. Manchester & Sons, Winsted, Conn.	E. Manchester & Sons	10.28	10.15	17.75	15.00	6.15	7.00	51.99	3.68	4.00			
5510	B-B Daisy Chick Feed, Maritime Milling Co., Buffalo, N. Y.	Farmers' Grain & Supply Co.	12.13	1.17	9.50	10.00	1.55	4.00	73.90	1.75	2.00			
5357	B-B (Bull Brand) Developing Feed, Maritime Milling Co., Buffalo, N. Y.	Farmers' Grain & Supply Co.	11.90	1.46	10.50	10.00	2.10	5.00	71.14	2.90	2.00			
5049	B-B (Bull Brand) Laying Mash with Dried Buttermilk, Maritime Milling Co., Buffalo, N. Y.	Winchell Smith, Inc.	9.18	12.59	20.38	20.00	6.93	8.00	46.32	4.60	5.00			

5091	B-B Red-E Mixt Egg Mash with Dried Buttermilk. Maritime Milling Co., Buffalo, N. Y. . . .	Farmington: Winchell Smith, Inc.	9.85	9.09	19.56	18.00	5.90	9.00	50.80	4.80	5.00
5058	B-B (Bull Brand) Scratch Feed. Maritime Milling Co., Buffalo, N. Y. . . .	Collinsville: Rourke-Robotham Co.	10.95	1.50	11.25	10.00	2.90	4.00	71.00	2.40	2.50
5057	B-B (Bull Brand) Vitaminized All Mash Broiler & Growing Ration with Buttermilk and Cod Liver Oil. Maritime Milling Co., Buffalo, N. Y. . . .	Collinsville: Rourke-Robotham Co.	9.33	7.89	16.63	16.00	6.03	7.00	53.92	6.20	4.00
5517	Red Wing Scratch Feed. Meech & Stoddard, Inc., Middletown, Conn. . . .	East Hartford: Meech Grain Co.	10.83	1.59	11.38	10.00	3.23	5.00	70.32	2.65	3.00
3769	Red Wing Special Buttermilk Chick Starter. Meech & Stoddard, Inc., Middletown, Conn. . . .	Middletown: Meech & Stoddard, Inc. . . .	8.28	9.47	17.38	13.00	5.71	5.00	53.86	5.30	4.00
4967	Red Wing Special Buttermilk Growing Feed. Meech & Stoddard, Inc., Middletown, Conn. . . .	Essex: Meech & Stoddard, Inc. . . .	9.98	11.75	16.13	17.00	6.85	8.00	50.49	4.80	5.50
5170	Red Wing Special Buttermilk Laying Mash. Meech & Stoddard, Inc., Middletown, Conn. . . .	Meriden: Meriden Grain & Coal Co. . . .	8.45	11.57	18.06	17.00	6.35	8.00	49.89	5.68	5.50
3768	Red Wing Special Chick Feed. Meech & Stoddard, Inc., Middletown, Conn. . . .	Middletown: Meech & Stoddard, Inc. . . .	11.08	1.59	10.69	10.00	1.65	5.00	71.44	3.55	3.00
3770	Red Wing Special Intermediate Chick Feed. Meech & Stoddard, Inc., Middletown, Conn. . . .	Middletown: Meech & Stoddard, Inc. . . .	11.78	1.50	10.00	10.00	2.08	5.00	71.56	3.08	3.00
5399	Red Wing Special Scratch Feed. Meech & Stoddard, Inc., Middletown, Conn. . . .	East Hartford: Meech Grain Co.	10.73	1.43	10.69	10.00	2.98	5.00	71.59	2.58	3.00

4999	<i>Moon's Growing Mash.</i> George Q. Moon & Co., Inc., Binghamton, N. Y.	Higganum: Felix Petrofsky	9.58	14.23	16.44	17.00	4.50	7.00	51.25	4.00	4.00
4979	<i>Moon's Laying Mash with Dried Buttermilk.</i> George Q. Moon & Co., Inc., Binghamton, N. Y.	Higganum: Felix Petrofsky	9.38	13.70	19.13	20.00	5.43	9.00	47.76	4.60	4.00
4976	<i>Moon's Scratch Feed.</i> George Q. Moon & Co., Inc., Binghamton, N. Y.	Higganum: Felix Petrofsky	11.78	1.53	11.50	10.00	2.68	5.00	70.31	2.20	2.00
3625	<i>Moon's Special A Laying Mash with Dried Buttermilk.</i> George Q. Moon & Co., Inc., Binghamton, N. Y.	<i>So. Norwalk:</i> Roodner Feed Co.	9.70	12.34	19.00	18.00	6.39	9.00	47.44	5.13	5.00
5438	<i>C. B. Mash.</i> Moran-Patton Co., New Haven, Conn.	<i>New Haven:</i> Moran-Patton Co. ...	8.75	8.73	18.38	18.00	7.85	7.00	50.69	5.60	4.00
5105	<i>Old Mill Growing Mash.</i> Fred C. Morse & Son, Guilford, Conn.	<i>Guilford:</i> Fred C. Morse & Son	9.55	10.08	16.50	15.00	4.85	6.00	54.39	4.63	5.00
4955	<i>Old Mill Laying Mash.</i> Fred C. Morse & Son, Guilford, Conn.	<i>Guilford:</i> Fred C. Morse & Son	10.10	11.15	20.69	19.00	6.80	8.00	46.18	5.08	4.50
4954	<i>Old Mill Laying Mash with Milk.</i> Fred C. Morse & Son, Guilford, Conn.	<i>Guilford:</i> Fred C. Morse & Son	10.05	10.78	21.44	20.00	6.25	8.00	46.45	5.03	5.00
4958	<i>Old Mill Scratch Feed.</i> Fred C. Morse & Son, Guilford, Conn.	<i>Guilford:</i> Fred C. Morse & Son	11.48	1.56	11.25	10.00	2.70	4.00	70.53	2.48	2.50
5379	<i>Aunt Mary's Egg Mash with Dried Buttermilk.</i> Ontario Milling Co., Inc., Oswego, N. Y.	<i>Middletown:</i> P. Levson & Son ...	8.85	10.92	19.88	19.00	5.83	8.50	48.77	5.75	4.00
5382	<i>Aunt Mary's Scratch Feed.</i> Ontario Milling Co., Inc., Oswego, N. Y.	<i>Middletown:</i> P. Levson & Son ...	10.68	1.59	12.00	10.00	2.60	5.00	70.53	2.60	2.50
4945	<i>Osborn Mash.</i> S. V. Osborn Est., Branford, Conn.	<i>Branford:</i> S. V. Osborn Est.	11.23	5.04	14.94	12.00	6.80	8.00	58.24	3.75	3.00

3772	<i>Platco Laying Mash</i> . Frank S. Platt Co., New Haven, Conn...	New Haven: Frank S. Platt Co.	9.35	12.00	23.06	20.00	5.67	7.00	44.19	5.73	5.50
3771	<i>Platco Perfection Grain Mixture</i> . Frank S. Platt Co., New Haven, Conn.	New Haven: Frank S. Platt Co.	12.20	1.64	10.13	10.00	4.26	3.50	67.99	3.78	3.00
3622	<i>Pratt's Baby Chick Food with Buttermilk</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	9.03	8.75	13.81	13.00	3.60	4.00	61.06	3.75	3.50
3711	<i>Pratt's Broiler Mash with Buttermilk</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	10.43	8.00	17.50	15.00	4.49	6.00	55.05	4.53	5.00
5221	<i>Pratt's Chick Scratch Feed</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	10.73	1.34	10.88	10.00	1.38	4.00	72.82	2.85	2.00
3617	<i>Pratt's Growing Mash with Buttermilk</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	8.70	11.08	17.63	17.50	5.99	7.00	50.82	5.78	4.50
5179	<i>Pratt's Intermediate Scratch Feed</i> . Pratt Food Co., Hammond, Ind.	Bristol: Bristol Grain & Supply Co.	11.25	1.26	10.69	10.00	1.88	4.00	72.57	2.35	2.00
5224	<i>Pratt's Large Scratch Feed</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	10.18	1.47	12.13	10.00	2.75	4.00	70.94	2.53	2.00
3618	<i>Pratt's Laying Mash with Buttermilk</i> . Pratt Food Co., Hammond, Ind.	Norwalk: Frank Libner & Sons..	9.53	8.60	21.13	20.00	5.00	6.75	50.31	5.43	4.00
5361	<i>Egg-Em-On Laying Mash</i> . H. C. Puffer Co., Springfield, Mass.	Manchester: Little & McKinney..	8.98	9.27	20.63	20.00	7.18	8.00	49.16	4.78	4.00
5344	<i>Egg-Em-On Scratch</i> . H. C. Puffer Co., Springfield, Mass.	Suffield: Spencer Bros.	10.88	1.52	12.63	10.00	2.65	5.00	69.92	2.40	1.50
3796	<i>Big Egg Scratch Grains, No Grit</i> . Quaker Oats Co., Chicago, Ill.	Southbury: H. R. Stone	10.90	1.56	10.00	10.00	2.72	4.25	71.69	3.13	3.00
5102	<i>Early Bird Coarse Chick Feed</i> . Quaker Oats Co., Chicago, Ill.	Danbury: C. S. Barnum & Son..	10.30	1.40	10.50	9.50	2.53	3.50	72.52	2.75	2.00
3560	<i>Quaker Pul-O-Pep Chick Starter</i> . Quaker Oats Co., Chicago, Ill.	Hamden: Ira W. Beers	6.60	8.55	15.13	15.00	5.88	7.00	58.06	5.78	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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	Nitrogen-free extract (starch, gum, etc.)	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%	%	%
5038	<i>Quaker Ful-O-Pep Coarse Chick Feed.</i> Quaker Oats Co., Chicago, Ill.	Plainville: W. S. Eaton	12.48	1.40	10.25	10.00	2.43	2.50	70.54	2.90	2.00	
3613	<i>Quaker Ful-O-Pep Egg Mash.</i> Quaker Oats Co., Chicago, Ill.	Southport: C. Buckingham & Co.	7.88	9.59	20.06	20.00	5.70	8.00	50.02	6.75	4.00	
4928	<i>Quaker Ful-O-Pep Growing Mash.</i> Quaker Oats Co., Chicago, Ill.	Southbury: H. R. Stone	10.50	8.75	19.00	19.00	4.83	6.00	50.83	6.09	5.00	
3744	<i>Quaker Ful-O-Pep Scratch Grains.</i> Quaker Oats Co., Chicago, Ill.	Thompsonville: George S. Phelps & Co.	10.95	1.66	10.63	9.00	2.78	3.50	70.68	3.30	2.00	
3785	<i>Schumacher Little Chick Feed, No 3.</i> Quaker Oats Co., Chicago, Ill.	Ansonia: I. Sovitsky Grain & Coal Co.	11.83	1.30	10.38	10.00	1.90	2.00	71.59	3.00	2.00	
5114	<i>Schumacher's Scratch Grains, No 3.</i> Quaker Oats Co., Chicago, Ill.	Bethel: Morrison & Dunham	9.95	1.76	12.81	10.00	3.25	3.50	69.43	2.80	2.00	

5333	<i>Purina All Mash Startena Chow Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Simsbury: Woods-Chandler Co...	9.40	7.34	18.44	18.00	4.53	7.00	54.51	5.78	4.00
3718	<i>Purina Baby Chick Chow Feed.</i> Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich	11.48	1.75	11.13	10.00	2.49	4.00	70.50	2.65	2.00
5376	<i>Purina Breeder Chowder Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Rockville: Rockville Grain & Coal Co.	8.60	9.34	20.25	19.00	7.13	8.00	49.85	4.83	3.50
4956	<i>Purina Breeder Lay Chow Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Guilford: Fred C. Morse & Son...	10.25	9.64	20.25	19.00	7.15	8.00	48.31	4.40	3.50
3719	<i>Purina Chicken Chowder Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich	9.93	9.26	19.06	19.00	6.37	8.00	51.03	4.35	3.50
5439	<i>Purina Chicken Fatena Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	New Haven: Moran-Patton Co...	9.58	4.28	14.13	12.00	6.03	6.60	61.65	4.33	3.00
5231	<i>Purina Chick Growena containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Stamford: Clap Board Hill Feed Co.	8.35	8.35	16.69	16.30	6.18	7.00	55.95	4.48	3.50
3717	<i>Purina Chick Startena Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Meriden: H. Grulich	9.88	9.16	20.44	19.00	5.33	7.00	49.69	5.50	4.00
5242	<i>Purina Hen Chow Feed.</i> Ralston Purina Co., St. Louis, Mo.	Torrington: F. L. Wadhams & Sons	10.45	1.64	11.38	10.00	2.68	4.00	71.17	2.68	2.50
5229	<i>Purina Intermediate Hen Chow.</i> Ralston Purina Co., St. Louis, Mo.	Stamford: Clap Board Hill Feed Co.	10.15	1.35	10.19	10.00	1.83	4.00	73.28	3.20	2.50
5191	<i>Purina Lay Chow Feed containing Mineral.</i> Ralston Purina Co., St. Louis, Mo.	Stratford: Farmers' Flour & Grain Co.	9.78	8.47	18.00	17.00	6.03	8.00	53.87	3.85	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>																			
5230	<i>Winner Scratch Feed.</i> Ralston Purina Co., St. Louis, Mo. . . .	Stamford: Clap Board Hill Feed Co.	10.50	1.56	12.06	9.50	2.68	4.00	70.90	2.30	2.00									
5088	<i>Hubbard's Egg Producer.</i> F. H. Rolf, Inc., Guilford, Conn.	Guilford: F. H. Rolf, Inc.	9.43	13.68	25.00	22.00	5.50	5.00	40.54	5.85	4.00									
5089	<i>Rolf's Chick Mash.</i> F. H. Rolf, Inc., Guilford, Conn.	Guilford: F. H. Rolf, Inc.	10.58	8.73	20.25	17.00	4.73	4.00	50.18	5.53	3.00									
5087	<i>Rolf's Scratch Grains.</i> F. H. Rolf, Inc., Guilford, Conn.	Guilford: F. H. Rolf, Inc.	11.68	1.54	12.31	9.00	2.80	4.00	69.07	2.60	3.00									
3574	<i>Scott's Atlas Alfalfa Poultry Greens.</i> A. W. Scott Co., San Francisco, Calif.	Wallingford: A. E. Hall	9.08	9.88	20.25	20.00	18.68	18.00	39.83	2.28	2.00									
3928	<i>Miracle Chick Feed.</i> Seymour Grain & Coal Co., Seymour, Conn.	Seymour: Seymour Grain & Coal Co.	11.98	1.72	11.38	10.00	1.52	5.00	69.82	3.58	2.50									
3930	<i>Miracle Chick Grower.</i> Seymour Grain & Coal Co., Seymour, Conn.	Seymour: Seymour Grain & Coal Co.	9.70	11.60	17.00	16.00	3.85	6.00	53.70	4.15	4.00									

3929	Miracle Chick Starter. Seymour Grain & Coal Co., Conn.	Seymour: Seymour Grain & Coal Co.	9.10	10.86	17.50	16.00	5.40	6.00	52.56	4.58	4.00
3932	See-More-Egg Buttermilk Mash. Seymour Grain & Coal Co., Conn.	Seymour: Seymour Grain & Coal Co.	8.95	10.13	21.00	18.00	4.94	7.00	49.85	5.13	4.50
3931	See-More-Egg Scratch Feed. Seymour Grain & Coal Co., Seymour, Conn.	Seymour: Seymour Grain & Coal Co.	11.95	1.75	10.63	10.00	2.59	6.00	70.25	2.83	2.50
5014	Mill Streams "Fortune Hunter" Scratch Feed. Winchell Smith, Inc., Farmington, Conn.	Farmington: Winchell Smith, Inc.	11.05	1.56	10.94	10.00	3.80	3.00	69.57	3.08	2.50
5045	Mill Streams "Lightnin" Laying Mash. Winchell Smith, Inc., Farmington, Conn.	Farmington: Winchell Smith, Inc.	9.80	9.69	20.63	16.00	5.73	8.00	49.62	4.53	3.00
3780	Ansonia Egg Mash with Buttermilk. I. Sovitsky Grain & Coal Co., Ansonia, Conn.	Ansonia: I. Sovitsky Grain & Coal Co.	10.23	7.76	20.25	18.00	3.94	7.00	51.94	5.88	5.00
3778	Ansonia Scratch Feed. I. Sovitsky Grain & Coal Co., Ansonia, Conn.	Ansonia: I. Sovitsky Grain & Coal Co.	12.70	1.64	10.19	9.00	2.78	4.00	69.81	2.88	2.00
5452	King Growing Feed containing Buttermilk. St. Albans Grain Co., St. Albans, Vt.	Norwich: Norwich Grain Co. ...	9.65	6.66	16.88	15.00	5.25	6.00	56.93	4.63	4.00
5416	King Mash Feed containing Buttermilk. St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	9.00	9.97	19.88	19.50	5.30	7.50	51.30	4.55	4.00
5417	King Scratch Feed. St. Albans Grain Co., St. Albans, Vt.	Willimantic: Willimantic Grain Co.	11.08	1.83	12.44	10.00	2.45	5.50	69.62	2.58	2.50
3716	Paragon Scratch Feed. St. Albans Grain Co., St. Albans, Vt.	Meriden: H. Grulich	13.83	1.54	10.00	10.00	2.78	5.00	69.17	2.68	2.50
3795	Worthmore All Grain Chick Feed (Fine Chick Scratch). St. Albans Grain Co., St. Albans, Vt.	Southbury: H. R. Stone	12.13	1.29	10.13	10.00	1.42	3.50	72.23	2.80	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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													
3557	<i>Poultry Feeds—Continued</i> <i>Wirthmore Baby Chick Starter</i> <i>containing Cod Liver Meal-But-</i> <i>termilk.</i> St. Albans Grain Co., St. Albans, Vt.	Hamden: Ira W. Beers	9.65	7.32	17.56	17.00	3.23	5.00	58.49	3.75	4.00			
5326	<i>Wirthmore Complete Ration for</i> <i>Broilers.</i> St. Albans Grain Co., St. Albans, Vt.	Southport: C. Buckingham & Co. Southbury: H. R. Stone	8.73	9.03	15.63	16.50	4.90	4.50	55.73	5.98	4.00			
4930	<i>Wirthmore Growing Feed con-</i> <i>taining Buttermilk.</i> St. Albans Grain Co., St. Albans, Vt.		11.00	6.87	15.94	15.00	4.08	6.00	57.42	4.69	4.50			
3558	<i>Wirthmore Intermediate Chick</i> <i>Feed (Coarse Chick Scratch).</i> St. Albans Grain Co., St. Al- bans, Vt.	Hamden: Ira W. Beers	10.45	1.56	10.13	10.00	1.82	3.50	73.24	2.80	2.50			
4929	<i>Wirthmore Laying Mash contain-</i> <i>ing Buttermilk.</i> St. Albans Grain Co., St. Albans, Vt.	Southbury: H. R. Stone	11.28	9.07	20.00	20.00	4.73	7.00	50.54	4.38	4.00			

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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												
<i>Poultry Feeds—Concluded.</i>												
5235	Derby E-Gee Scratch Feed. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	11.33	1.58	11.75	9.00	2.53	4.50	70.28	2.43	2.04	
5234	Ducatine. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Hawleyville: W. A. Honan, Inc.	9.55	7.74	20.50	18.00	4.48	6.00	52.90	4.83	4.00	
5227	Egatine. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	So. Norwalk: Roodner Feed Co.	8.60	8.40	26.31	23.00	4.85	6.00	47.06	4.78	3.00	
5178	Laying Food. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Plainville: W. S. Eaton	10.05	6.31	20.13	17.00	5.45	6.00	53.73	4.33	3.00	
3759	Tioga Neverfail Chick Grains. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Thompsonville: George S. Phelps & Co.	9.95	1.30	10.50	10.00	1.22	3.50	73.73	3.30	3.00	
3760	Tioga Neverfail Growing Grains. Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Thompsonville: George S. Phelps & Co.	11.75	1.18	10.00	10.00	1.60	4.00	72.84	2.63	2.50	

3813	<i>Tioga Neverfail Poultry Grains.</i> Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	13.25	1.61	10.63	9.00	3.22	4.79	67.56	3.73	2.08
3922	<i>Superior Poultry Grains.</i> Wadsworth Feed Co., Warren, Ohio <i>Pure Feed Egg Maker.</i> West-Nesbitt, Inc., Oneonta, N. Y. ...	11.98	1.59	10.75	10.00	3.15	5.00	70.35	2.18	2.50
5478	<i>Big (Y) Buttermilk Laying Mash.</i> Yantic Grain & Products Co., Norwich, Conn.	9.40	8.53	21.50	18.00	5.33	7.00	50.46	4.78	4.50
5374	<i>Big (Y) Growing Feed.</i> Yantic Grain & Products Co., Norwich, Conn.	8.83	14.45	17.38	16.50	5.18	7.00	49.46	4.70	4.00
5488	<i>Big (Y) Laying Mash.</i> Yantic Grain & Products Co., Norwich, Conn.	9.35	8.56	18.75	16.00	5.30	6.00	53.49	4.55	4.00
5403	<i>Big (Y) Scratch Feed.</i> Yantic Grain & Products Co., Norwich, Conn.	8.83	10.88	17.44	16.00	5.68	7.00	52.82	4.35	4.00
5515	<i>Big (Y) Scratch Feed.</i> Yantic Grain & Products Co., Norwich, Conn.	10.38	1.53	12.13	10.00	2.98	5.00	70.58	2.40	3.00
5459	<i>Gingh'm Girl Scratch Feed.</i> Yantic Grain & Products Co., Norwich, Conn.	10.00	1.72	12.00	10.00	3.60	5.00	70.30	2.38	3.00
5562	<i>Uncas Scratch Feed.</i> Yantic Grain & Products Co., Norwich, Conn.	11.68	1.65	12.50	10.00	2.70	5.00	69.22	2.25	3.00
5528	<i>Beef Scraps, etc.</i> <i>Liberty Cooked Meat Scrap for</i> <i>Poultry 45%.</i> Apothecaries Hall Co., Waterbury, Conn.	7.95	27.68	51.38	45.00	....	....	1.96	11.03	8.00
5529	<i>Liberty Cooked Meat Scrap for</i> <i>Poultry 60%.</i> Apothecaries Hall Co., Waterbury, Conn.	7.38	15.89	62.63	60.00	....	....	0.70	13.40	8.00



TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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>		%	%	%	%	%	%	%	%	%	%	%
4986	<i>Beef Scraps, etc.—Continued</i> Buell-Boston Dried Skim Milk.		4.70	7.86	35.00	31.00	....	....	51.49	0.95 ¹	0.20		
5118	C. E. Buell, Inc., Boston, Mass. Burck Brand Powdered Skim Milk. C. W. Burckhalter, New York City	Wallingford: A. E. Hall	7.30	7.87	32.94	32.00	....	....	51.09	0.80 ¹	0.75		
5491	Collis Process Pure Dried Butter- milk. Collis Products Co., Clin- ton, Iowa	Bethel: Morrison & Dunham	9.13	11.88	31.25	30.00	....	....	40.76	6.98 ¹	5.00		
5564	Collis Process Pure Dried Skim Milk. Collis Products Co., Clinton, Iowa	Danielson: Dayville Grain & Coal Co.	7.50	7.62	33.75	30.00	....	....	50.19	0.94 ¹	1.00		
3579	Conn. Fat Rend. & Fertz. Corp. Meat 45%. Conn. Fat Rend. & Fertz. Corp., New Haven, Conn.	Putnam: Dayville Grain Co. Wallingford: A. E. Hall	7.45	25.40	50.69	45.00	....	....	5.08	11.38	10.00		

¹ Rose-Gottlieb Method.

3762	<i>Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry.</i> Consolidated Rendering Co., Boston, Mass.	Thompsonville: George S. Phelps & Co.	5.15	63.12	24.31	20.00	....	....	2.74	4.68	3.00
5511	"CIC" Brand Pure Bone Meal. Consumers Import Co., Inc., New York City	Willimantic: Willimantic Grain Co.	3.78	83.60	8.25	5.14	....	....	3.99	0.38	1.00
5519	<i>Chikora.</i> The Dry Milk Co., New York City	North Haven: Ridgewood Farm..	6.38	8.13	33.94	33.80	....	....	50.72	0.83 ¹	0.96
5388	<i>Pure Dried Skim Milk Powder.</i> Eastern Grain Co., Bridgewater Mass.	New Britain: C. W. Lines Co. ..	5.58	8.08	33.94	32.00	....	....	51.60	0.80 ¹	0.75
3576	<i>Butterfly Dried Skimmed Milk.</i> S. T. Edwards & Co., Chicago, Ill.	Wallingford: A. E. Hall	6.28	8.11	35.50	32.00	....	....	49.01	1.10 ¹	0.25
3680	<i>Skim Milk Powder.</i> Fairfield Western Md. Dairy, Baltimore, Md.	West Cheshire: Cheshire Grain & Coal Co.	3.40	8.25	34.56	35.00	....	....	52.76	1.03 ¹	0.50
5201	<i>Fort Schuyler Farms Superior Quality Powdered Skim Milk for Poultry and Stock Feeding.</i> Fort Schuyler Farms, Inc., Utica, N. Y.	West Cheshire: Cheshire Grain & Coal Co.	7.00	7.97	32.38	32.00	....	....	51.80	0.85 ¹	0.25
5520	<i>Frisbie's Bone Meal.</i> L. T. Frisbie Co., New Haven, Conn.	New Haven: L. T. Frisbie Co. ..	7.90	16.30	25.00	20.00	....	....	50.30	0.50	0.25
3681	<i>Frisbie's Poultry Feed 45%.</i> L. T. Frisbie Co., New Haven, Conn.	West Cheshire: Cheshire Grain & Coal Co.	5.78	34.31	46.25	45.00	....	....	4.28	9.38	8.00
5151	<i>Frisbie's Poultry Feed 50%.</i> L. T. Frisbie Co., New Haven, Conn.	Westville: R. G. Davis & Sons ..	6.33	27.73	54.50	50.00	....	....	2.54	8.90	8.00
3638	<i>Frisbie's Poultry Feed 55%.</i> L. T. Frisbie Co., New Haven, Conn.	West Cheshire: Cheshire Grain & Coal Co.	4.35	27.26	55.50	55.00	....	....	3.71	9.18	8.00

¹ Roesse-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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		
3640	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Beef Scraps, etc.—Continued</i> Gorton's Codfish Meal. Gorton-Pew Fisheries Co., Gloucester, Mass.		%	%	%	%	%	%	%	%	%	
3923	"Hershey's Superior" Powdered Skim Milk. Hershey Creamery Co., Harrisburg, Pa.	Danbury: C. S. Barnum & Son ..	5.70	31.79	56.13	55.00	0.54	1.00	4.54	1.30	0.10	
5406	Special Cooked Meat and Bone. Henry James & Son, Inc., Springfield, Mass.	Plantsville: C. A. Cowles	3.45	8.15	34.50	32.00	....	....	52.65	1.25 ¹	1.00
4962	"Kraco" Milk Sugar Feed. Kraft-Phenix Cheese Corp., Chicago, Ill.	West Willington: H. M. Hansen	8.23	30.40	46.50	50.00	....	....	4.92	9.95	8.00
5409	Dried Buttermilk. Land O'Lakes Creameries, Inc., Minneapolis, Minn.	Manufacturer's Sample	5.15	7.84	12.31	12.00	....	....	74.20	0.50	0.50
		Mansfield Depot: Martin M. Hansen	7.83	10.64	30.31	30.00	....	....	43.63	7.59 ¹	3.00

¹ Roesse-Gottlieb Method.

Analyses

4940	Dried Skim milk. Land O'Lakes Creameries, Inc., Minneapolis, Minn.	7.53	7.98	31.38	30.00	....	....	52.53	0.58 ¹	0.50
3688	Morse's Meat Scraps. James F. Morse & Co., Somerville, Mass.	5.55	34.75	42.25	40.00	....	....	6.92	10.73	8.00
3685	Blue Seal Meat Scraps. New England By-Products Corp., Lawrence, Mass.	6.08	29.92	48.06	50.00	....	....	4.36	11.58	5.00
5508	Pilgrim Brand Dry Skim Milk. Pilgrim Dairy Service, Boston, Mass.	5.43	8.08	34.13	32.00	....	....	50.83	1.53 ¹	0.75
5454	Register Brand 45%. John Reedon & Son, Cambridge, Mass.	4.53	36.41	44.13	45.00	1.65	3.00	2.68	10.60	6.00
5453	Register Brand 55%. John Reedon & Sons Co., Cambridge, Mass.	4.85	24.91	55.75	55.00	1.58	3.00	3.28	9.63	6.00
5436	Edible Bone Flour. Rogers & Hubbard Co., Portland, Conn.	8.60	16.48	23.81	23.85	....	....	50.83	0.28	0.25
5366	Edible Steamed Bone. Rogers & Hubbard Co., Portland, Conn.	4.25	85.97	5.13	5.00	....	....	4.55	0.10	0.25
5337	Slugg's Pure Dried Skim Milk Feed. W. G. Slugg, Milwaukee, Wis.	5.28	8.18	34.13	30.00	....	....	51.91	0.50 ¹	0.50
3763	Springfield Poultry Feed. Springfield Rendering Co., Springfield, Mass.	7.20	33.14	45.63	45.00	....	....	4.85	9.18	8.00
3645	Stanley's 45% to 50% Meat and Bone Scrap. John T. Stanley Co., New York City.	6.05	29.28	45.88	45.00	....	....	7.84	10.95	10.00
3575	Struven's Fish Meal. Charles M. Struven & Co., Baltimore, Md.	8.03	20.90	54.13	55.00	1.84	2.00	9.35	5.75	4.00
	East Haven: F. A. Forbes									
	Plantville: C. A. Cowles									
	Plantville: C. A. Cowles									
	Guilford: Fred C. Morse & Son									
	Norwich: Norwich Grain Co. ...									
	Norwich: Norwich Grain Co. ...									
	Portland: Rogers & Hubbard Co.									
	Manchester: Manchester Grain Co.									
	Plainville: W. S. Eaton									
	Thompsonville: George S. Phelps & Co.									
	Long Hill: Long Hill Feed Store									
	Wallingford: A. E. Hall									

¹ Roesse-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1930—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			
					Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than		
	PROPRIETARY MIXED FEEDS— <i>Concluded</i>		%	%	%	%	%	%	%	%	%	%	%
5536	<i>Beef Scraps, etc.—Concluded</i> <i>Swift's Blood Flour</i> , Swift & Co., Chicago, Ill.		12.23	4.48	81.00	80.00	....	....	1.94	0.35	....	....	....
5563	<i>Production Brand Meat and Bone Scrap</i> 45%, Theobald Animal By-Products Refining Co., Kearny, N. J.	Manufacturer's Sample	5.95	29.57	46.50	45.00	2.35	3.00	2.73	12.90	5.00	5.00	5.00
5525	<i>Production Brand Meat & Bone Scraps</i> 55%, Theobald Animal By-Products Refining Co., Kearny, N. J.	<i>Danielson</i> : Dayville Grain & Coal Co.	6.63	28.81	51.81	55.00	1.98	3.00	1.02	9.75	5.00	5.00	5.00
5411	<i>P. W. Meat Scrap</i> , Worcester Rendering Co., Auburn, Mass.	<i>Putnam</i> : Dayville Grain Co.	6.48	34.73	46.00	45.00	1.45	6.00	2.54	8.80	8.00	8.00	8.00
5412	<i>P. W. Special Meat Scrap</i> , Worcester Rendering Co., Auburn, Mass.	<i>So. Coventry</i> : E. W. Latimer ...	5.87	24.83	58.50	55.00	1.80	5.00	0.00	9.00	8.00	8.00	8.00
5410	<i>Prosperity Worcester Fish Meal</i> , Worcester Rendering Co., Auburn, Mass.	<i>So. Coventry</i> : E. W. Latimer ... <i>Mansfield Depot</i> : Martin M. Hansen	8.80	21.23	54.06	50.00	0.55	2.00	4.51	10.85	4.00	4.00	4.00

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.)	Fiber extract (Crude fat)	
			%	%	%	%	%	%	
	<i>Dairy Feeds</i>								
3415	Dairy Feed	<i>Williamatic:</i> Ernest N. Adams	8.95	6.06	19.19	8.25	52.00	5.55	
3386	Dairy Ration 20%	<i>Orange:</i> Helen Andrew	7.75	7.21	20.94	8.50	51.27	4.33	
5034	Laden's 20% Dairy Feed	<i>North Haven:</i> E. Baumbak	12.18	7.28	19.63	7.40	48.26	5.25	
5387	Special Dairy Feed	<i>Southport:</i> C. Buckingham & Co.	11.48	5.16	17.06	8.65	52.75	4.90	
5614	Capital 20% Molasses Dairy Feed	<i>Middleton:</i> Coles Co.	8.10	8.82	19.44	12.68	47.36	3.60	
3851	Wirthmore 20% Protein Sweetened Dairy Feed	<i>Hartford:</i> Dairy and Food Commissioner	10.60	5.94	21.25	7.53	49.73	4.95	
3853	Special 18% Ration	<i>Hartford:</i> Dairy and Food Commissioner	10.48	6.94	17.69	8.85	51.64	4.40	
3190	Feed No. 2, 20% Dry	<i>Stepney:</i> A. S. Edwards	6.93	.....	19.81	9.78	.....	5.00
3191	Feed No. 2, 20% Molasses	<i>Stepney:</i> A. S. Edwards	6.80	.....	20.75	8.78	.....	4.40
3192	Feed No. 3, 24% Dry	<i>Stepney:</i> A. S. Edwards	6.63	.....	23.63	9.68	.....	4.93
3193	Feed No. 3, 24% Molasses	<i>Stepney:</i> A. S. Edwards	6.50	.....	23.38	9.75	.....	4.38
4913	Dairy Feed	<i>Hartford:</i> Hartford Poultry Market	9.78	7.06	20.75	6.78	49.25	6.38	
4903	Dairy Ration	<i>Jewett City:</i> Jewett City Grain Co.	10.88	6.16	20.50	7.50	50.06	4.90	
3757	Dairy Feed	<i>Kensington:</i> S. F. Labieniec	6.23	6.15	25.38	7.94	49.42	4.88	
5708	Wirthmore 20% Dairy Ration. C. W. Lines Co., New Britain, Conn.	<i>New Britain:</i> C. W. Lines Co.	9.23	6.08	21.50	8.65	49.64	4.90	
5580	Home Made Dairy Ration	<i>Rockville:</i> Rockville Grain & Coal Co.	8.50	4.73	20.88	9.15	51.94	4.80	

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>Dairy Feeds—Concluded</i>								
3330	Dairy Feed No. 3	Seymour: Seymour Grain & Coal Co.	9.68	7.41	16.00	7.10	55.78	4.03	
3331	Dairy Feed No. 4	Seymour: Seymour Grain & Coal Co.	9.25	9.00	21.44	7.88	48.53	3.90	
4259	Stone's 20% Dairy Feed	Southbury: H. R. Stone	9.00	5.98	21.63	8.94	49.45	5.00	
	<i>Horse Feeds</i>								
3852	Imperial Steam Cooked Horse Feed	Hartford: Dairy and Food Commis- sioner	10.40	1.88	9.06	4.54	69.72	4.40	
3855	Bull Brand Horse Feed	Hartford: Dairy and Food Commis- sioner	5.95	6.05	9.25	9.81	65.29	3.65	
3332	Horse Feed No. 5	Seymour: Seymour Grain & Coal Co.	5.95	4.08	9.56	8.40	67.86	4.15	
	<i>Poultry Feeds</i>								
3392	Pequot Scratch Feed	Southport: C. Buckingham & Co. ...	7.83	2.03	11.00	2.48	73.08	3.58	
3252	Chick Starter	Wallingford: Laden Bros. Co.	10.30	6.00	16.94	5.05	56.45	5.26	
3825	Chick Starter	So. Manchester: Little & McKinney, Inc.	6.78	9.75	22.50	4.61	50.21	6.15	
3329	Chicken Feed	Seymour: Seymour Grain & Coal Co.	8.90	10.92	17.44	4.20	54.46	4.08	
3328	Chicken Mash No. 1	Seymour: Seymour Grain & Coal Co.	8.73	10.91	17.56	5.15	53.82	3.83	

5555	Maize Products Sweetened Douglas Corn Gluten Feed	Ansonia: I. Sovitsky	11.45	8.20	20.69	7.28	50.93	1.45
	Miscellaneous							
5653	Dried Apple Pomace	Granby: Alanson Hoffman	9.50	2.08	4.63	14.34	64.87	4.58
4186	Buckwheat Feed	Talcotville: Lyman Bros.	9.63	2.91	17.75	17.92	47.08	4.71
4758	Semi-Solid Buttermilk	Orange: G. R. Stannard .....	.....	.....	11.25	.....	.....	2.61
4694	Chick-O-Lac	West Cheshire: M. E. Jones .....	.....	.....	12.06	.....	.....	0.40
3854	Wirthmore 14% Fitting Ration	Hartford: Dairy and Food Commis- sioner	4.50	6.67	15.25	7.41	61.79	4.38
5588	Ensilage	Orange: Fairlea Farm	77.34	1.54	1.86	7.18	11.65	0.43
4498	Dried Buttermilk	Stratford: Cyril W. Fedorko	7.63	7.92	30.63	.....	53.07	0.75
5498	Meat Scraps 50%	New Haven: L. T. Frisbie Co.	5.43	31.52	49.63	1.20	2.02	10.20
4385	Feed	Kensington: S. F. Labieniec	9.78	5.81	23.75	7.03	49.61	4.02
5554	Cottonseed Meal	Ansonia: I. Sovitsky	7.55	6.15	39.13	10.93	29.71	6.53
3384	Wheat By-Product	Storrs: A. R. Merrill	7.70	2.52	14.38	4.93	66.37	4.10
4842	Chickora	Torrington: D. L. Talcott	7.49	.....	.....	.....	.....	0.78
3493	Fish Meal	Norwich: Yantic Grain & Products Co.	7.45	32.06	56.50	.....	1.41	2.58
3782	Reground Oat Feed	Ansonia: I. Sovitsky	4.73	6.94	3.63	30.25	52.75	1.70
5709	Fitting Ration	Middletown: Coles Co.	10.13	7.28	12.63	10.52	56.19	3.25

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