

D. B. Downs

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COMMERCIAL FEEDING STUFFS
REPORT ON INSPECTION

1931

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

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REGISTRATION OF FEEDS

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

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

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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 Bulletin of Immediate Information, No. 60, June, 1927.

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 cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

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

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 STUFFS

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.

DEFINITIONS OF FEEDING STUFFS¹

ALFALFA PRODUCTS

Chopped alfalfa is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material.

Alfalfa meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fibre.

Alfalfa leaf meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fibre.

Alfalfa stem meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds.

ANIMAL PRODUCTS

Blood meal is ground, dried blood.

Blood flour is dried blood, prepared by special processes and reduced to a fine powder.

¹As announced by the Association of American Feed Control Officials, 1931-32

Digester tankage, meat meal tankage or feeding tankage is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. When these products contain more than 10 per cent phosphorus (expressed as P_2O_5) they shall be designated Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone. If they bear a name descriptive of their kind, composition or origin they must correspond thereto.

Meat scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent phosphorus (expressed as P_2O_5), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto.

Raw bone meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein.

Steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure.

Special steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking dried bone after the removal of grease and meat fibres with steam under pressure in the process of obtaining gelatine or glue.

APPLE PRODUCTS

Dried apple pomace is the sound, dried residue obtained by the removal of cider from apples.

Dried apple pectin pulp is the sound, dried residue obtained by the removal of pectin from apple products.

BARLEY PRODUCTS

Barley hulls are the outer coverings of the barley.

Barley feed is the entire by-product resulting from the manufacture of pearl barley from clean barley.

Barley mixed feed is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings.

Ground barley is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent other grains, weed seeds and other foreign material and not more than 6 per cent fibre; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material, shall be deliberately added.

Mixed feed barley is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that

no portion of this stated 25 per cent of other grains, weed seeds, or foreign material, shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and foreign material.

BREWERS' AND DISTILLERS' PRODUCTS

Brewers' dried grains are the properly dried residue from cereals obtained in the manufacture of beer.

Distillers' dried grains are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating.

Distillers' corn solubles, a by-product from the manufacture of alcohol from corn, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' rye solubles, a by-product from the manufacture of alcohol from rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' corn and rye solubles, a by-product from the manufacture of alcohol from corn and rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Malt sprouts are the sprouts of the barley grain obtained in the malting process. Sprouts derived from any other malted cereal must be designated by the name of that cereal.

Yeast or vinegar dried grains are the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

BUCKWHEAT PRODUCTS

Buckwheat shorts or buckwheat middlings are that portion of the buckwheat grain immediately inside the hull after separation from the flour.

CORN PRODUCTS

Corn meal (feeding) is finely ground unbolted corn.

Corn bran is the outer coating of the corn kernel, with little or no starchy part or germ.

Corn feed meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added.

Corn chop, ground corn or cracked corn is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material.

Screened corn chop, screened ground corn, or screened cracked corn is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material.

Corn grits, hominy grits are the fine or medium sized, hard flinty portions of Indian corn containing little or no bran or germ.

Ear corn chops is corn and cob chopped, without the husk, with no greater portion of cob than occurs in the ear corn in its natural state.

Corn gluten meal is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Corn gluten feed is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Maltose process corn gluten feed is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup.

Hominy feed, hominy meal or hominy chop is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and cornmeal by the degerming process.

Yellow hominy feed, yellow hominy meal or yellow hominy chop is a kiln-dried mixture of the mill-run bran coating, the mill run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process.

Corn oil cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products.

Corn oil meal is ground corn oil cake.

Corn germ cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

Corn germ meal is ground corn germ cake.

Corn screenings are the small light grains of corn, parts of grains of corn and/or other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials.

COTTONSEED PRODUCTS

Cottonseed meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does

not conform to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed meal, prime quality.* Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43 per cent Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed meal, off quality.* Cottonseed meal not fulfilling the above requirements as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

Cottonseed feed is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein.

Cold pressed cottonseed is the product obtained from the subjection of the whole undercorticated cottonseed to the cold pressure process for the extraction of oil and includes the entire cottonseed less the oil extracted.

Ground cold pressed cottonseed is the product obtained by grinding cold pressed cottonseed.

LINSEED AND FLAX PRODUCTS

Linseed cake or meal is oil cake or meal made from flaxseed; provided that the final product must contain less than 6 per cent of weed seeds and other foreign materials and; provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added.

Old process oil meal, old process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, cooking and hydraulic pressure.

New process oil meal, new process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, heating and the use of solvents.

Flax plant by-product is that portion of the flax plant remaining after the separation of the seed, the bas fibre and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem.

Ground flaxseed or flaxseed meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; provided that the final product must contain less than 4 per cent of weed seeds and other foreign materials, and; provided further, that no portion of the stated 4 per cent of weed seeds and other foreign materials shall be deliberately added.

Unscreened flaxseed oil feed cake is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)

Ground unscreened flaxseed oil feed is the ground unscreened flaxseed oil feed cake.

Screenings oil feed is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed."

Oil cake is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from seeds which have been screened and cleaned of weed seeds, and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake."

Oat meal or ground oil cake is oil cake ground to a meal.

MARINE PRODUCTS

Fish meal (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil.

Fish residue meal (Feeding) is the clean, undecomposed residue from the manufacture of glue from non-oily fish.

Crab meal (Feeding) is prepared from the undecomposed waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains at least 25 per cent protein.

Shrimp meal (Feeding) is prepared from the undecomposed waste of the shrimp industry and contains the head, hull and/or the whole shrimp.

MILK PRODUCTS

Evaporated buttermilk (Feeding), concentrated buttermilk (Feeding), condensed buttermilk (Feeding), is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given:

Dried skimmed milk (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent moisture.

Condensed skimmed milk (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent total solids.

OAT PRODUCTS

Oat hulls are the outer coverings of the oat.

Oat middlings are the floury portions of the oat groat obtained in the milling of rolled oats.

Oat shorts are the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats.

Oat chop, ground oats, pulverized oats, crushed oats and crimped oats consists of the entire product made by chopping, cutting, grinding, crushing or crimping oats.

Oat groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal.

Hulled oats, undried oat groats are the kernels produced from the undried grain in the process of hulling oats.

Oat meal, ground oat groats is the product produced by cutting, cracking or grinding oat groats.

Rolled oat groats (Rolled Oats) is the product obtained in the process of rolling oat groats.

Clipped oat by-products is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls.

PEANUT PRODUCTS

Peanut oil cake is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels.

Peanut oil meal is ground peanut oil cake.

Unhulled peanut oil feed is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut meal and hulls*.

RICE PRODUCTS

Rice bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice.

Rice hulls are the outer coverings of the rice.

Rice polish is the finely powdered material obtained in polishing the kernel.

Rice meal is ground brown rice or ground rice after the hull has been removed.

Ground rough rice is ground rice from which the hull has not been removed or ground paddy rice.

Rice stone bran is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls.

Rice huller bran is a product secured by the huller and comes from brown rice and consists mostly of the bran and germs.

RYE PRODUCTS

Rye bran is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

Rye feed, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consists principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

Rye red dog, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent crude fibre.

Rye low grade feed flour consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

Rye middlings consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

Rye flour middlings consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent crude fibre.

VELVET BEAN PRODUCTS

Velvet bean meal is ground velvet beans containing only an unavoidable trace of hulls or pods.

Ground velvet bean and pod is the product derived by grinding velvet beans "in the pod." It contains no additional pods or other materials.

WHEAT PRODUCTS

Wheat bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

Standard middlings consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent crude fibre.

Flour middlings shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent crude fibre.

Wheat red dog, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent crude fibre.

Wheat low grade feed flour, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

Wheat bran and standard middlings consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

Hard wheat mixed feed (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent crude fibre.

Brown shorts (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent crude fibre.

Gray shorts (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent crude fibre.

White shorts or white middlings consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent crude fibre.

Wheat mixed feed (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent crude fibre.

Screenings consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain.

Scourings consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring.

(NOTE) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings" or "Scourings" as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears it is not necessary to show also on the labeling the word "Scourings."

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients requires, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

Mineral feeds containing no organic ingredient do not require the usual chemical feed guarantee, but do require a declaration of each ingredient

contained therein and the minimum percentage of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present.

That the mineral ingredients be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(1) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(2) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics.

MISCELLANEOUS PRODUCTS

Dried beet pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and which have been extracted in the process of manufacturing sugar.

Cocoanut oil meal or "*copra oil meal*" is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut.

Ivory nut meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

Processed garbage is composed of animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and is separated from material such as crockery, glass, or similar material. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife like or needle like particles, and providing further, that the maximum percentage of glass be stated on the label when present in excess of one-fifth of one per cent.

Palm kernel oil meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis malanococco*.

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals.

Head chops consists of the entire head of the grain sorghums chopped, and bears the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops and sorghum head chops.

Head stems consists of the head of the grain sorghums, from which the grain has been removed, and bears the name of the sorghum from which it is made.

REGISTRATIONS

For the period January 1, 1931, to December 31, 1931

One hundred and eighty-four firms and individuals have registered 1,006 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

E. T. Allen Company, Atlanta, Ga.

Empire—High Grade Cottonseed Meal

Allied Mills, Inc., Chicago, Ill.

Amco Egg Mash
 Amco 20% Dairy Ration
 Amco 24% Dairy Ration
 Amco 12% Fitting Ration
 Amco Growing Mash with Meat Scraps
 Amco 20% National Dairy Ration
 Amco 16½% Sucrene Dairy Ration
 Amco Super Egg Mash
 Amco Starting and Growing Mash
 Arab Horse Feed
 Brewers' Dried Grains
 Corn and Oats Provender
 Emergency 20% Dairy Ration
 Emergency Hog Feed
 June Pasture
 Screened Cracked Corn
 Sucrene All Mash Poultry Feed
 Sucrene All Mash Poultry Feed with Cod Liver Oil
 Sucrene Egg Mash
 Sucrene Scratch Feed
 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 Broiler Ration
 Wayne Calf Meal
 Wayne Chick Feed
 Wayne Egg Mash
 Wayne Egg Mash with Cod Liver Oil
 Wayne Hog Meal
 Wayne Intermediate Scratch Feed
 Wayne Pig Meal
 Wayne Poultry Fattener
 Wayne Scratch Feed
 Wayne Special Scratch Feed
 Wayne 20% Sucrene Dairy Feed
 Wayne Supreme Horse Feed
 Wayne Turkey Mash

American Maize-Products Co., 100 E. 42nd 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 W. Jackson Blvd., Chicago, Ill.

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

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

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

Ashcraft-Wilkinson Co., Atlanta, Ga.

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

E. R. Bacon Grain Co., 205 Grain & Flour Exchange, Boston, Mass.

Bacon's Gluten Feed

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

Bailey's Fitting Ration
 Bailey's Open Formula 20% Dairy Feed
 Bailey's Open Formula 24% Dairy Feed
 Capital Dairy Ration
 Capital Mixed Feed
 Favorite Dairy Ration
 "Our Own" Dairy Ration
 "Our Own" Dairy Ration, Sweetened
 Pennant Brand Laying Mash
 Pennant Brand Stock Feed
 Pennant Horse Feed
 Pennant Scratch Feed
 Sweetened Bailey's Fitting Ration
 Sweetened Capital Dairy Ration
 Sweetened Favorite Dairy Ration
 Sweetened with Molasses Pennant Brand Stock Feed

Bay State Milling Co., Winona, Minn.

Wingold Diamond G Pure Hard Wheat Reddog
 Wingold Rye Middlings and Rye Screenings
 Wingold Standard Hard Wheat Middlings and Wheat Screenings

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

Auburn Dairy 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 Milling Co., Inc., Cayuga, N. Y.—(Continued)

Beacon's Cayuga Scratch Feed
Beacon Chick Feed
Beacon Complete Starting Ration
Beacon Dairy Ration
Beacon Developer Feed
Beacon Duck Breeders Mash
Beacon Duck Growing Mash
Beacon Duck Starter
Beacon Egg Mash with Buttermilk
Beacon Fitting Ration
Beacon Growing Mash
Beacon Fleshing Mash and Crate Fattener
Beacon Hog Feed
Beacon Horse Feed
Beacon Scratch Grains
Beacon Special Coccidiosis Mash
Beacon Special Scratch Grains
Beacon Sweet '24'
Beacon '32'
Beacon '20'
Beacon Turkey Growing Feed
Cayuga Stock Feed
Corn and Oat Chop

Ira W. Beers, Hamden, Conn.

Beer's Laying Mash
Beer's Scratch Feed

Black Rock Milling Corp., 356 Hertel Ave., Buffalo, N. Y.

Bidwell 20% Dairy Ration
Bidwell 24% Dairy Ration
Bidwell Dry-Mash
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

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

Success Dairy Ration

Bristol Grain & Supply Co., Bristol, Conn.

Bristol Laying Mash
Bristol Scratch

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

Owl Brand 41% Prime Cottonseed Meal

L. Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

Brooklawn Feed Co., Bridgeport, Conn.

Brooklawn Special Scratch Feed (See Delaware Mills, Inc.)

Brown & Bailey Condensed Milk Co., Nevins & Butler Sts., Brooklyn, N. Y.

Betsy-B Brand Powdered Skim Milk

C. Buckingham & Co., Southport, Conn.

- C. B. Dairy
- C. B. Egg Mash
- C. B. Growing Mash
- C. B. Scratch Feed
- C. B. Starter

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

- "Buell-Boston" Dried Skim Milk

C. W. Burckhalter, Inc., 119 Broad St., New York City

- Burck-Brand Dried Buttermilk
- Burck-Brand Powdered Skim Milk

Caledonia Mills, Inc., St. Johnsbury, Vt.

- Brooks' Fancy Mixed Feed

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

- Camco Horse Feed
- Campbell Fitting Ration
- Egg-O Chick Feed
- Egg-O Chick Starter
- Egg-O Growing
- Egg-O Intermediate
- Egg-O Mash
- Egg-O Scratch
- Milky Ration
- No-Botheration Dairy Ration
- Xtra Vim Molasses Horse Feed

Canada Linseed Oil Mills, Ltd., Montreal & Toronto, Canada.

- "Maple Leaf" 35.00 Linseed Oil-cake Meal

Chapin & Co., Hammond, Ind.

- Ajax Egg Mash
- Ajax Dairy Ration 24%
- Ajax Horse Feed
- Ajax Scratch Feed
- Chapin Kernels Grow-All
- Chapin Kernels Lay-All
- Chapin Kernels Start-All
- Unicorn Dairy Ration 20%
- Unicorn Dairy Ration 24%
- Unicorn Scratch Feed

Clinton Corn Syrup Refining Co., Clinton, Iowa.

- Clinton Corn Gluten Feed

Coles Co., Middletown, Conn.

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

Collis Products Co., 201 Custer St., St. Paul, Minn.

- Collis Process Pure Dried Buttermilk

Commander-Larrabee Co., Minneapolis, Minn.
Sunfed Wheat Standard Middlings

Commander Milling Co., Minneapolis, Minn.
Commander Wheat Bran

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

Conkey's All Grain Horse and Mule Feed
Conkey's All Mash Chick Ration with Y-O
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 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 Geccofat Station Fattener
Conkey's Growing Grains
Conkey's Horse Feed with Alfalfa and Molasses
Conkey's Red Seal Dairy Feed 16% Protein
Conkey's Red Seal Laying Mash
Conkey's Red Seal Scratch Grains
Conkey's Scratch Grains
Conkey's (The Original) Starting Feed with Buttermilk and Superior Scratch Grains

Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.
The Conn. Fat Rend. & Fertz. Corp. Meat Scrap

Consolidated By-Product Co., 30th and Race Sts., Philadelphia, Pa.
Consolidated Beef & Bone Scrap

Consolidated Feed & Grain Company, Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.
Bison Dried Skimmilk

Consolidated Products Co., 2400 Lake Park Ave., Chicago, Ill.
Pure Dried Buttermilk
Pure Dried Skim Milk

Consolidated Rendering Co., Boston, Mass.
Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

Copeland Flour Mills, Ltd., Midland, Ontario, Canada.
Copeland's Dandy Bran
Copeland's Dandy Shorts

Corn Products Refining Co., 17 Battery Place, New York City.
Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

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

Chas. M. Cox Co., Boston, Mass.

Argentine Wheat Bran
Argentine Wheat Standard Middlings
Lake Woods Wheat Bran
Lake Woods Shorts
Pioneer Wheat Bran
Pioneer Wheat Shorts, (Western Canada Flour Mills, Ltd., Toronto, Ont.)
Sherwin-Williams Screwpress Linseed Oil Cake Meal, (Sherwin-Williams Co. Ltd., Canada)

Crosby Milling Co., Brattleboro, Vt.

Crosby's Balanced 25 Ration
Crosby's Egg Mash
Crosby's Growing Feed
Crosby's Mixed Feed
Crosby's Ready Ration
Crosby's Scratch Feed
Crosby's Stock Feed
Crosby's Sweetened Ready Ration
Crosby's 22% Dairy Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

Dairymen's League Co-Operative Association, Inc., 11 West 42nd St., New York City.

Dairylea Dried Skim Milk

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

Decatur Milling Co., Decatur, Ill.

Homco Brand Hominy Feed

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

Brooklawn Special Scratch Feed
Delaware Broiler Mash
Delaware Chick Grains
Delaware Dairy Feed
Delaware Growing Mash (with Dried Milk)
Delaware Stock Feed
Delaware Sweet 24% Dairy Feed
Delco 20% Dairy Feed
Double Circle Scratch Grains
Indian Laying Mash (with Dried Milk)
New York Feed & Grain Special Dairy Feed

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

Alfalfa Leaf Meal
Alfalfa Meal

Dewey Bros. Co., Blanchester, Ohio.

Corn 3D (Dewey's Distillers Dried) Grains

Dietrich & Gambrill, Inc., Frederick, Md.

Canton Scratch Feed
Corn and Oats Chop
Frederick Growing Mash
Frederick Laying Mash
Gambrill's A. I. Dairy
Gambrill's Chick Feed
Gambrill's Chick Starter
Gambrill's Developing Scratch Feed
Gambrill's Growing Mash
Gambrill's Horse Feed
Gambrill's Laying Mash
Gambrill's Scratch Feed
Gambrill's Stock Feed
Pen Mar Dairy Feed

Dominion Flour Mills, Ltd., Montreal, Canada.

Dominion Shorts

Dry Milk Company, Inc., 205 E. 42nd St., New York City

Chikora Pure Skim Milk

Arthur G. Dunn, 82 Wall St., New York City.

Argentine Wheat Bran
Argentine Wheat Middlings

Early & Daniel Co., Inc., Cincinnati, Ohio.

Tuxedo Soy Bean Oil Meal

Eastern Cotton Oil Co., 600 Board of Trade Bldg., Norfolk, Va.

Eastern Fish Meal

Eastern Grain Co., Bridgewater, Mass.

Pure Dried Skim Milk Powder

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States Broiler Ration
Eastern States Broiler Ration with Cod Liver Oil
Eastern States Calf Ration¹
Eastern States Developer
Eastern States Developer with Cod Liver Oil
Eastern States Egg Mash
Eastern States Fitting Ration
Eastern States Fulpail Dairy Ration
Eastern States Highland 12
Eastern States Highland 20
Eastern States Horse Feed¹
Eastern States Milk Egg Mash with Cod Liver Oil

¹Eastern States Horse Feed and Eastern States Calf Ration were later combined in one formula.

Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)

- Eastern States Milkmore Dairy Ration
- Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ by weight
- Eastern States Scratch Grains with Coarse Cracked Corn
- Eastern States Sixteen Dairy Ration
- Eastern States Starting and Growing Mash with Cod Liver Oil
- Eastern States Turkey Grow
- Eastern States Turkey Start

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

- Standard Wheat Middlings and Screenings
- Wheat Bran and Screenings

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.

- Economilk Dairy Feed
- Elmore Chick Feed
- Elmore Chixsaver
- Elmore Egg Mash
- Elmore Fitting Ration
- 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, Junior
- Elmore Pure Ground Corn and Oats
- Elmore Scratch Feed
- Elmore Snow Middlings
- Elmore Stock Feed
- Elmore's Sugared Feedall
- Elmore's Super Silage
- Elmore Sweet Digesto Dairy Feed
- Elmore "Three Point" Calf Meal
- Emco Feed
- Grauger Ration
- Otsego Economy Ration
- Elmore-Waldorf Formula
- Elmore's "Xiragood" Wheat Feed

John W. Eshelman & Sons, Lancaster, Pa.

- Dried Beet Pulp
- Eshelman Certified 20% Dairy Ration
- Eshelman Certified 24% Dairy Ration
- Eshelman Certified Fitting Ration
- Eshelman Certified Laying Mash
- Eshelman Challenge Dairy Feed
- Eshelman Choice Mixed Wheat Feed
- Eshelman Conestoga 20 Dairy Feed
- Eshelman Golden Rod 25 Dairy Feed
- Eshelman Imperial Scratch Feed
- Eshelman Lancaster 20 Dairy Feed
- Eshelman Lancaster 60 Horse Feed
- Eshelman Lancaster Scratch Feed

Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)

- Eastern States Milkmore Dairy Ration
- Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ by weight
- Eastern States Scratch Grains with Coarse Cracked Corn
- Eastern States Sixteen Dairy Ration
- Eastern States Starting and Growing Mash with Cod Liver Oil
- Eastern States Turkey Grow
- Eastern States Turkey Start

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

- Standard Wheat Middlings and Screenings
- Wheat Bran and Screenings

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.

- Economilk Dairy Feed
- Elmore Chick Feed
- Elmore Chixsaver
- Elmore Egg Mash
- Elmore Fitting Ration
- 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, Junior
- Elmore Pure Ground Corn and Oats
- Elmore Scratch Feed
- Elmore Snow Middlings
- Elmore Stock Feed
- Elmore's Sugared Feedall
- Elmore's Super Silage
- Elmore Sweet Digesto Dairy Feed
- Elmore "Three Point" Calf Meal
- Emco Feed
- Granger Ration
- Otsego Economy Ration
- Elmore-Waldorf Formula
- Elmore's "Xtragoood" Wheat Feed

John W. Eshelman & Sons, Lancaster, Pa.

- Dried Beet Pulp
- Eshelman Certified 20% Dairy Ration
- Eshelman Certified 24% Dairy Ration
- Eshelman Certified Fitting Ration
- Eshelman Certified Laying Mash
- Eshelman Challenge Dairy Feed
- Eshelman Choice Mixed Wheat Feed
- Eshelman Conestoga 20 Dairy Feed
- Eshelman Golden Rod 25 Dairy Feed
- Eshelman Imperial Scratch Feed
- Eshelman Lancaster 20 Dairy Feed
- Eshelman Lancaster 60 Horse Feed
- Eshelman Lancaster Scratch Feed

John W. Eshelman & Sons, Lancaster, Pa.—(Continued)

Eshelman Liberty Horse Feed
Eshelman Open Formula 20 Dairy Feed
Eshelman's Pennsy 16 Dairy Feed
Eshelman Pennsy Scratch Feed
Eshelman Red Rose Calf Starter
Eshelman Red Rose Chick Feed
Eshelman Red Rose Chick Starter
Eshelman Red Rose 24 Dairy Feed
Eshelman Red Rose Fattening Mash
Eshelman Red Rose Growing Mash
Eshelman Red Rose Hog Meal
Eshelman Red Rose 85 Horse Feed
Eshelman Red Rose Laying Mash
Eshelman Red Rose Pure Ground Corn and Oats
Eshelman Red Rose Scratch Feed
Eshelman Red Rose Stock Feed
Eshelman S-O-S
Eshelman Steamed-Cooked Horse Feed
Eshelman Wheat Flour Middlings
Eshelman Wheat Red Dog

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed

Fairfield Western Maryland Dairy, Baltimore, Md.

Feed-O-Lac
Skim Milk Powder

Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

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

"Bull Brand" Dried Brewers Grains

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

Blue Mountain Horse Feed
Butterfat Dairy Feed
Cream-O-Milk Dairy Feed
Flory's All Mash Starting and Growing Ration
Flory's Baby Chick Feed
Flory's Certified Fitting Ration
Flory's Chick Starter
Flory's Dairy Feed
Flory's Egg Mash
Flory's Growing Mash
Flory's Horse Feed
Flory's Intermediate Chick Feed
Flory's Scratch Feed
Golden Egg Laying Mash
Golden Egg Scratch Feed
Record Dairy Feed
Record Stock Feed
Sunray Scratch Feed

F. A. Forbes, East Haven, Conn.

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

J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.

Alpine Ground Feeding Oatmeal

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

Fort Schuyler Farms Superior Quality Powdered Skim Milk

R. T. Friend, Lafayette, Ind.

Dry Skimmilk

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%

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

Garland's Growing Mash

Garland's Poultry Mash

Royal Worcester Complete Ration

Royal Worcester Scratch Feed

General Mills, Inc., Minneapolis, Minn.

Eventually Gold Medal Chick Feed—No Grit

Eventually Gold Medal Chick Ration

Eventually Gold Medal Dairy Ration

Eventually Gold Medal Developing Feed—No Grit

Eventually Gold Medal Egg Mash for Breeding and Laying

Eventually Gold Medal Growing Mash

Eventually Gold Medal Pig and Hog Meal

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 Baby Chick Starter with Buttermilk-Cod Liver Oil

Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil

Grandin's Growing Mash with Buttermilk

Grandin's Growing Mash with Buttermilk-Cod Liver Oil

Grandin's Intermediate Chick Feed

Grandin's Laying Mash with Buttermilk

Grandin's Screened Scratch Feed

Grandin's Stock Food

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

Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.

Daily Egg Mash Feed
Daily Egg Scratch Feed

Hales & Hunter Co., 166 W. Jackson Blvd., Chicago, Ill.

College Horse Feed
H. & H. Sugared Stock Feed
Red Comb Chick Starter with Dried Buttermilk
Red Comb Duck Grower
Red Comb Duck Starter with Dried Buttermilk
Red Comb Egg Mash with Dried Buttermilk
Red Comb Growing Mash with Dried Buttermilk
Red Comb Scratch Feed, No Grit

Frank B. Ham & Co., Ltd., Toronto, Canada.

Hamco Wheat Bran
Hamco Wheat Shorts

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

Wheat Bran with Ground Screenings
Wheat Middlings

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

Oat Mill Feed

Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.

Choice Wheat Bran
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

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 & Sons, Inc., 20 Stockbridge St., Springfield, Mass.

Cooked Meat and Bone Scrap
Special Cooked Meat and Bone Scraps

Jersee Co., Minneapolis, Minn.

Just Right Chick Starter
Just Right Egg Mash
Just Right Growing Mash

- Kansas Flour Mills Corp., 1000 New York Life Bldg., Kansas City, Mo.**
Big Flake Pure Wheat Bran
- Kellogg Co., Battle Creek, Michigan.**
White Hominy Feed
- Spencer Kellogg & Sons, Inc., Buffalo, N. Y.**
Kellogg's 37% Protein Pure Old Process Linseed Meal
- Kelloggs & Miller, Inc., Amsterdam, N. Y.**
"K & M" Brand Pure Old Process Linseed Oil Meal
- Kent Dairy Products Corp., Inc., West Plains, Mo.**
Kent Dairy Products Corporation Skim Milk Powder
- H. H. King Flour Mills Co., Minneapolis, Minn.**
"Gold Mine" Feed
- Kraft-Phenix Cheese Corp., 400 Rush St., Chicago, Ill.**
Milk Sugar Feed (Kraco)
- Charles A. Krause Milling Co., Milwaukee, Wis.**
A-Beet-O Dairy Ration
Badger White Hominy Feed
Sweet Cud Dairy Ration
- A. S. Labieniec, Kensington, Conn.**
Reliable 20 Dairy Feed
Reliable Laying Mash
- Laden Bros. Co., Inc., Wallingford, Conn.**
Laden's Baby Chick Starter
Laden's Dairy Feed
Laden's Growing Mash
Laden's Laying Mash
- Lamar Alfalfa Milling Co., Lamar, Colo.**
Alfalfa Leaf Meal
- 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 with Ground Wheat Screenings
- Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.**
Dried Beet Pulp
Dried Molasses-Beet Pulp
Imported Dried Beet Pulp
Larro Broiler Feed
Larro Chick Grains
Larro Chick Starter
Larro Egg Mash
Larro Growing Grains
Larro Growing Mash
Larro Hog Feed

Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.*(Continued)*

- Larro Poultry Fattening Feed
- 41% Protein Cottonseed Meal Prime Quality
- 43% Protein Cottonseed Meal Choice Quality
- Larro Scratch Grains
- Larro (The Ready Ration for Dairy Cows)
- Larro Turkey and Game Bird Adult Mash
- Larro Turkey and Game Bird Developer
- Larro Turkey and Game Bird Starter

Lincoln Farm Products Corp., 407 E. 31st St., New York City.

- Farm Brand Meat Scraps
- Farm Brand Meat and Bone Scrap

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

- Homestead Dry Mash
- Homestead Scratch Feed
- Mill Pride Dairy Ration
- Mill Pride Fancy Scratch Feed
- Mill Pride Milk Mash

Lister Food Co., Inc., Delhi, N. Y.

- Pure Dried Skimmilk Powder

Litchfield County Cooperative Association, Torrington, Conn.

- Common Sense Dairy
- Common Sense Growing Mash
- Common Sense Laying Mash

Long Hill Feed Store, Long Hill, Conn.

- Square Deal Dairy Ration
- Square Deal Buttermilk 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 Starting Mash
- Red Star Sweet Sixteen
- Special Dairy Feed

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

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

Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.

- B-B Daisy Chick Feed
- B-B Daisy Egg Mash with Dried Buttermilk
- B-B Daisy Horse Feed with Alfalfa and Molasses
- B-B Daisy Scratch Feed

Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.
(Continued)

- B-B Egg Red-E Mixt Mash with Dried Buttermilk
- B-B Hi-Test Dairy Feed 20%, Sweetened
- B-B Hi-Test Dairy Feed 24%, Sweetened
- B-B Hi-Test Stock Feed, Sweetened
- B-B Marmico 16% Dairy Feed with Molasses
- B-B Meadow Sweet Supplemental Dairy Feed with Molasses
- B-B (Bull Brand) Calf Meal
- B-B (Bull Brand) Heavy Mixed Feed
- B-B (Bull Brand) Wheat Flour Middlings
- Bull Brand Chick Feed
- Bull Brand Dairy Ration
- Bull Brand "20" Dairy Ration, Sweetened
- Bull Brand "24" Dairy Ration, Sweetened
- Bull Brand Developing Feed
- Bull Brand Horse Feed with Alfalfa and Molasses
- Bull Brand Laying Mash with Dried Buttermilk
- Bull Brand Scratch Feed
- Bull Brand Stock Feed
- Farmer's B-B Mixing Feed, Sweetened
- Red Dog B-B Wheat Flour
- Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil
- Vitamized B-B Red-E-Mixt Egg Mash with Dried Buttermilk and Cod Liver Oil
- Vitamized Bull Brand All Mash Broiler and Growing Ration
- Vitamized Bull Brand All Mash Chick Starter Ration
- Vitamized Bull Brand Chick Starter with Cod Liver Oil and Dried Buttermilk
- Vitamized Bull Brand Growing Mash

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

- Alco Dried Brewers Grains
- Argentine Wheat Bran
- Brazilian Wheat Bran
- Dried Beet Pulp (Baltic Feed)

Meader 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 with Brewers Grains
- 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 with Brewers Grains
- Red Wing Special Intermediate Chick Feed
- Red Wing Special Scratch Feed
- Red Wing Special Stock Feed
- Red Wing Stock Feed

Mennel Milling Co., Toledo, Ohio.

Mennel's Scratch Grains for Poultry—No Grit
 Memo All Mash Ration
 Memo Egg Mash
 Memo 16% Dairy Feed
 Memo 20% Dairy Feed
 Memo 16% Sweet Dairy Feed
 Memo 22% Sweet Dairy Feed
 Memo 24% Sweet Dairy Feed
 Memo 85% Grain Horse Feed (with molasses)
 Memo Pure Hard Wheat Bran
 Memo Soft Wheat Flour Middlings

Miller Cereal Mills, Omaha, Neb.

Hominy Feed

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

Dried Beet Pulp

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

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

Geo. Q. Moon & Co., Inc., 201 Chenango St., 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 20% Dairy Feed
 Old Mill Dairy Feed 24%
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Horse Feed
 Old Mill Laying Mash
 Old Mill Laying Mash with Milk
 Old Mill Provender
 Old Mill Scratch Feed
 Old Mill Starting and Growing Mash

James F. Morse & Co., Ward & Horace Sts., Somerville, Mass.
Morse's Meat Scraps

Mt. Vernon Milling Co., Mt. Vernon, Ind.
Poco Hominy Feed

National Feed Co., 311 Merchants Exchange, St. Louis, Mo.
Hominy Feed

National Milling Co., Toledo, Ohio
Namico

New England By-Products Corp., 20 West St., Lawrence, Mass.
Blue Seal Meat Scraps 50%

Niagara Falls Milling Co., Lockport, N. Y.
Choice Wheat Red Dog
Niagara Standard Wheat Bran
Niagara Standard Wheat Midds

Northwestern Consolidated Milling Co., Minneapolis, Minn.
Planet Feed
Pure Wheat Bran
Wheat Flour Middlings N. E. M. R.
Wheat Mixed Feed N. E. M. R.
Wheat Standard Middlings N. E. M. R.
XXX Comet

Nowak Milling Corp., Hammond, Ind.
Domino Egg Pel-ets
Domino 24½% Dairy Feed
Domino Developing Feed
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, Canada.
Ogilvie's Wheat Bran
Ogilvie's Wheat Shorts

Ontario Milling Co., Inc., Oswego, N. Y.
Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod
Liver Oil
Aunt Mary's Coarse Chick Grains
Aunt Mary's Egg Mash with Dried Buttermilk
Aunt Mary's Egg Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Fine Chick Grains
Aunt Mary's Growing Mash with Dried Buttermilk
Aunt Mary's Growing Mash with Dried Buttermilk and Cod
Liver Oil
Aunt Mary's Scratch Feed
Big Value Dairy Feed
Big Value 16% Dairy Feed with Molasses
Big Value 20% Dairy Feed with Molasses
Butterfat Dairy Feed with Molasses

Ontario Milling Co., Inc., Oswego, N. Y.—(Continued)

Ontario Heavy Mixed Feed
Onto Horse Feed with Molasses
Oswego 20% Dairy Feed with Molasses
Oswego Egg Mash with Dried Buttermilk
Oswego Fine Chick Grains
Oswego Scratch Feed
Sunshine Scratch Feed
Uncle John's 24% Cream Pot Ration
Uncle John's Stock Feed
Uncle John's Stock Feed with Molasses

S. V. Osborn Estate, Branford, Conn.

Osborn Mash
Osborn Provender
Osborn Scratch

Park & Pollard Co., Inc., 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
Fitting Ration
Go Tu It Pig and Hog Ration
Growing Feed
Growing Feed with Cod Liver Oil
Herdhelth 16% Ration
Holcomb's Sweetened 20% Dairy Ration
Intermediate Chick Feed
Lay or Bust Dry-Mash
Lay or Bust Dry-Mash with Cod Liver Oil
Milkade Calf Meal
Milk-Maid 24% Sweetened Dairy Ration
Overall 24% Dairy Ration
Park & Pollard Broiler Ration
Park & Pollard Chick Scratch
Park & Pollard Chick Starter
Park & Pollard Heavy Wheat Mixed Feed
Park & Pollard Horse Feed
Park & Pollard Light Wheat Mixed Feed with Screenings
Park & Pollard Stock Feed
Park & Pollard Turkey Grower
Park & Pollard Turkey Starter
Red Ribbon Chick Feed
Red Ribbon Scratch Feed
Special 20% Dairy Ration
Top Notch 16% Ration
Wheat Flour Middlings

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

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

Alfalfa Stem Meal
Peevee Alfalfa Meal

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

Douglas Corn Gluten Feed
Sweetened Douglas Corn Gluten Feed

Pillsbury Flour Mills Co., Minneapolis, Minn.

Palisade Scratch Feed
Pillsbury's Dairy Ration 20%
Pillsbury's Durum Wheat Bran and Screenings
Pillsbury's Fancy Mixed Feed and Screenings
Pillsbury's Hard Wheat A Middlings and Screenings
Pillsbury's Hard Wheat Standard B Middlings and Screenings
Pillsbury's Hard Wheat Bran 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., 2-10 Chester Ave., 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

Pratt Food Co., Hammond, Ind.

Oat Feed (Buffalo Mills)
Pratt's All Mash Starter and Grower with Buttermilk
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 Horse Feed
Pratt's Horse Feed with Alfalfa
Pratt's Intermediate Scratch Feed
Pratt's Large Scratch Feed
Pratt's Laying Mash with Buttermilk
Pratt's Sugared Stock Feed
Pratt's Sweet 20% Dairy Feed
Pratt's Sweet 24% Dairy Feed
Pratt's Utility Horse Feed
Pratt's White Hominy Feed (Buffalo Mills)

Charles W. Priddy & Co., Inc., Norfolk, Va.

"The Best" Fish Meal

H. C. Puffer Co., 194 Lyman St., Springfield, Mass.

Egg-Em-On Growing Feed
Egg-Em-On Laying Mash
Egg-Em-On Scratch Feed
Monarch Dairy Feed, Sweetened
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 Brand
Bell Cow Shorts
Big Egg Scratch Grains
Buckeye Feed
Early Bird Coarse Chick Feed
Horse Power Feed
Quaker Ful-O-Pep Broiler Mash
Quaker Ful-O-Pep Chick Starter
Quaker Ful-O-Pep Coarse Chick Feed
Quaker Ful-O-Pep Egg Mash
Quaker Ful-O-Pep Fine Chick Feed
Quaker Ful-O-Pep Growing Mash
Quaker Ful-O-Pep Scratch Grains
Quaker Ful-O-Pep Station Grade Fattening Feed
Quaker Green Cross
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 White Diamond
Schumacher Calf Meal
Schumacher Little Chick Feed, No Grit
Schumacher Scratch Grains, No Grit
Sugared Vim Feed
Vim Feed
White Star Stock Feed-Fine
White Hominy Feed
Yellow Hominy Feed

Rach Milling Co., Cairo, Ill.

RMC Brand Cottonseed Cake or Meal

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal
Corn and Oat Provender
Dried Beet Pulp
Fine Ground Poultry Alfalfa Meal
Protena 16% Dairy Feed
Protena 20% Dairy Feed
Protena 24% Dairy Feed
Protena 24% Dairy Feed (Buffalo Mill)
Protena Scratch Feed (Buffalo Mill)
Protena Sweet Roughage Feed
Protena Sweet Roughage Feed (Buffalo Mill)
Protena Stock Feed
Purina All Mash Startena Chow Containing Mineral
Purina Blue Checker Grainola Feed
Purina Breeder Egg Chowder Containing Mineral
Purina Bulky Cow Chow
Purina Bulky Las Chow (Buffalo Mill)
Purina Bulky Omolene Chow
Purina Calf Chow

Ralston Purina Co., St. Louis, Mo.—(Continued)

- Purina Checkerboard Rolled Oats (Steam Cooked)
- Purina Chick Chow
- Purina Chicken Fat Chow Containing Mineral
- Purina Chicken Fatena Chow Containing Mineral
- Purina Chick Growena Chow Containing Mineral
- Purina Chick Startena Chow Containing Mineral
- Purina 20% Cow Chow (Buffalo Mill)
- Purina 24% Cow Chow (Buffalo Mill)
- Purina 34% Cow Chow
- Purina Egg Chowder (With Cod Liver Oil)
- Purina Egg Chowder (With Dried Buttermilk)
- Purina Egg Chowder Containing Mineral
- Purina 32% Egg Chowder Containing Mineral
- Purina Fitting Chow
- Purina Hen Chow
- Purina Hog Fatena Chow
- Purina Intermediate Hen Chow
- Purina Lamb Chow
- Purina Lay Chow (With Cod Liver Oil)
- Purina Lay Chow (With Dried Buttermilk)
- Purina Lay Chow Containing Mineral
- Purina Omolene Chow
- Purina Pig Chow
- Purina Pig and Hog Chow
- Purina Red Bag Steer Chow (in checker form)
- Purina Red Bag Steer Fatena Chow

John Reardon & Sons Co., Cambridge, Mass.

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

Red Wing Milling Co., Red Wing, Minn.

- Red Wing Special Wheat Bran with Screenings

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

- Blackhawk Wheat Standard Middlings
- Superior Pure Wheat Bran
- Superior Pure Wheat Shorts

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

- Hubbard's Egg Producer

Ronck & Bevis Co., 940 North Front St., Philadelphia, Pa.

- Ro-Be Dried Tomatoes

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-Chuck "The Ideal Concentrated Poultry Food"

Wolf Savitsky, Shelton, Conn.

Wolf's Egg Mash
 Wolf's Dairy Ration
 Wolf's Scratch Feed

Seymour Grain & Coal Co., Seymour, Conn.

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

Shelton Feed Co., Inc., Shelton, Conn.

Nelson Mixed Chicken Feed

W. G. Slugg, Milwaukee, Wis.

Slugg's Pure Dried Skim Milk Feed

Ike Sovitsky, Ansonia, Conn.

Ansonia 20% Protein Sweetened Dairy Ration
 Ansonia Egg Mash with Buttermilk
 Ansonia Scratch Feed
 Ansonia Stock Feed

Springfield Rendering Co., Springfield, Mass.

Springfield Poultry Feed

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

Staley's Corn Gluten Feed
 Staley's Soybean Oil Meal

Staley Milling Co., Kansas City, Mo.

Hy Power Hominy Feed

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

Stanley's Meat and Bone Scrap

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

Brewers' Dried Grains
 Corn Distillers' Dried Grains
 Hygrade Fitting Ration or Stock Feed
 Hygrade 16 Sweetened Milk Ration
 Hygrade 20 Sweetened Milk Ration
 Hygrade 24 Sweetened Milk Ration
 King Baby Chick Starter containing Cod Liver Meal-Buttermilk-
 Cod Liver Oil
 King Chick Feed
 King Dairy Feed with Beet Pulp, Sweet
 King 20 Dairy Feed, Sweetened
 King Flour Middlings
 King Growing Feed containing Buttermilk
 King Horse Feed
 King Intermediate Chick Feed

St. Albans Grain Co., St. Albans, Vt.—(Continued)

- King Mash Feed containing Buttermilk
- King Mash Feed containing Cod Liver Oil-Buttermilk
- King 22 Milk Ration, Sweetened
- King Scratch Feed
- King Stock Feed
- Paragon Dairy Feed, Sweetened
- Paragon Dairy Feed, Unsweetened
- Paragon Hominy Feed
- Paragon Scratch Feed
- Pure Dried Skim Milk Powder
- Utility Dairy Ration
- Utility 60 Pasture Ration
- Wirthmore Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod Liver Oil
- Wirthmore 25 Balanced Ration
- Wirthmore 25 Balanced Ration, Sweetened
- Wirthmore Calf Meal
- Wirthmore Complete Ration for Broilers with Cod Liver Oil
- Wirthmore Dairy Feed with Beet Pulp, Sweetened
- Wirthmore 16 Dairy Ration, Sweet
- Wirthmore 20 Dairy Feed
- Wirthmore 20 Dairy Feed, Sweetened
- Wirthmore Duck Growing Feed
- Wirthmore 14 Fitting Ration
- Wirthmore Flour Middlings
- Wirthmore Fodder Greens
- Wirthmore Gritless Chick Feed (Fine Chick Scratch)
- Wirthmore Growing Feed containing Buttermilk
- Wirthmore Growing Feed containing Cod Liver Oil-Buttermilk
- Wirthmore Horse Feed
- Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)
- Wirthmore Laying Mash with Buttermilk
- Wirthmore Laying Mash containing Cod Liver Oil-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, Canada.

Bran

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

- Snap Intermediate Chick Feed
- Snap Scratch Grains
- Su-Pur Horse and Mule Feed

Charles M. Struven & Co., Baltimore, Md.

Struven's Fish Meal

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

- Swift's Blood Flour
- Swift's Laymore Meat and Bone Scraps
- Swift's Meat and Bone Scraps 50%
- Swift's Poultry Bone Meal
- Swift's Special Bone Meal

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

Theobald Animal By-Products Refining Co., Kearney, N. J.

Production Brand Meat and Bone Scrap

Thomaston Supply Co., Thomaston, Conn.

Thomaston Egg Mash
Thomaston Dairy Ration
Thomaston Scratch

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

Broilertine
Chicatine
Chicatine, with Cod Liver Oil
Derby Corn Meal
Derby-E-Gee Chick Grains
Derby-E-Gee Scratch Feed
Derby Ground Corn and Oats
Duck Fattener
Egatine
Egatine, with Cod Liver Oil
Egatine Full Feed Pellets
E-Gee Dairy Feed
Neverfail Horse Feed
Orco Feed
Red Brand Tioga Dairy Feed
Ti-O-Ga Brood Sow and Pig Feed
Tioga Calf Food
Tioga Chick and Growing Mash
Ti-O-Ga Chick and Growing Mash with Cod Liver Oil Added
Ti-O-Ga Growing Shoat Feed
Tioga Laying Food
Tioga-Neverfail Chick Grains
Tioga-Neverfail Growing Grains
Tioga-Neverfail Poultry Grains
Tioga Wheat Middlings
Waverly Flour Middlings
White Brand Tioga Dairy Feed

Torrington Grain Co., Torrington, Conn.

Talcott Dairy Ration

Union Sales Corporation, Columbus, Ind.

Union Corn Gluten Feed

United Co-Operative Farmers, Inc., Fitchburg, Mass.

United Farmers Milk Egg Mash

United Farmers Milkmaker

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

Upper Hudson Rye Feed

Van Iderstine Co., Long Island City, N. Y.

Vico High Protein Meat Scraps for Poultry

Vico Pure Ground Meat and Bone Scraps

Vico Quality Meat Scraps for Poultry

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

Irving Mills Rye Feed

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

Mixed Grains Intermediate for Poultry

Wertz's Horse Feed with Alfalfa and Molasses

West Bay City Sugar Co., Bay City, Mich.

Dried Beet Pulp

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

All Pure 20% Milk Ration

Pure Feed Eggmaker

Pure Feed Egg Mash

Pure Feed Scratch Grains

Pure Sweetfeed Dairy Ration

Super Pure Feed Dairy Ration

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal

P. W. Meat Scrap

P. W. Special Meat Scrap

Yakima Milling Co., Yakima, Washington.

Sunshine Brand Alfalfa Meal

Yantic Grain & Products Co., Norwich, Conn.

Abington Dairy Feed

Almo

Big (Y) Buttermilk Laying Mash

Big (Y) Chick Grains

Big (Y) Chick Starter

Big (Y) 20% Dairy Ration

Big (Y) 24% Dairy Ration

Big (Y) Fitting Ration

Big (Y) Flour Middlings

Big (Y) Growing Feed with Cod Liver Meal¹

Big (Y) Hog and Pig Ration

Big (Y) Horse Feed

¹This was substituted during the year for Big (Y) Growing Feed.

Yantic Grain & Products Co., Norwich, Conn.—(Continued)

- Big (Y) Laying Mash
- Big (Y) Laying Mash with Cod Liver Oil
- Big (Y) Mixed Feed
- Big (Y) Scratch Feed
- Big (Y) Stock Feed
- Big (Y) Sugared Stock Feed¹
- Gingh'm Girl Scratch Feed
- O. F. Dairy Ration 20%
- O. F. Dairy Ration 24%
- Uncas Scratch Feed

INSPECTION

For the year 1931 a total of 1016 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs	739
Miscellaneous feeds examined for individuals.....	73
Feeds examined for poisons, etc.	4
Pasture grass samples from Storrs station	177
Check samples, cottonseed meal and feed	23
Total	1016

Samples submitted by the Storrs station are not discussed in this Report.

Summaries based upon the analyses of official samples as given in Table 1 are given in Tables 1a and 1b.

Of 739 official samples 89 were deficient in one or more guaranteed items of composition. The total number of deficiencies was 99. The deficiencies in fat were about equal in number to those in protein and fiber combined. The percentage of samples that substantially met or exceeded guaranties is 88. Last year the corresponding percentage was 81.

The total number of deficiencies (99), is distinctly less than the number last year (143).

From Table 1b it is seen that the percentage of individual guaranties met this year is 96. This is an improvement over last year when the percentage was 93.

No violation of the law relating to the use of wire in affixing tags was found.

Microscopic examinations revealed no serious contamination with weed seeds, and in general, ingredients claimed upon tags and in registration statements were substantiated.

NOTE: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Misses Yale and Langley; sampling by Mr. Churchill; and compilation of results largely by Mrs. Vosburgh.

¹This was substituted later in the year for Uncas Sugared Stock F



TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Oil seed products	
	Cottonseed meal	
6179	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet	Devon: Webster Coal & Ice Co.
6411	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch	Winsted: E. Manchester & Sons
	Ashcraft-Wilkinson Co., Atlanta, Ga. Paramount	Wallingford: A. E. Hall
6234	F. W. Brode Corp., Memphis, Tenn. Owl Brand 41%	Ansonia: I. Sovitsky Grain & Coal Co.
6129	Humphreys-Godwin Co., Memphis, Tenn. Bull.	Guilford: Fred C. Morse & Son
6432	Humphreys-Godwin Co., Memphis, Tenn. Dixie	Willimantic: Willimantic Grain Co.
6309	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 36%	Wallingford: A. E. Hall
6110	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 41%	East Haven: F. A. Forbes
6156	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 43%	Thomaston: Thomaston Supply Co.
	Linseed meal	
7759	Archer-Daniels Midland Co., Minneapolis, Minn. Old Process	Wallingford: Laden Bros.
6449	Canada Linseed Oil Mills, Montreal, Que. "Maple Leaf" 35%	Rockville: Rockville Grain & Coal Co.
6454	Kelloggs & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process	Manchester: Little & McKinney

INSPECTION OF 1931

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
%	%	%	%	%	%	%	%	%
6.25	7.16	41.00	41.00	9.91	10.00	29.88	5.80	5.50
7.48	5.60	42.44	43.00	10.90	10.00	27.13	6.45	6.00
8.85	5.33	34.50	36.00	15.78	14.00	30.51	5.03	5.00
6.93	6.45	41.06	41.00	9.73	10.00	29.18	6.65	5.00
7.33	5.85	42.88	43.00	10.05	11.00	27.19	6.70	5.00
6.43	6.25	41.81	41.00	11.40	12.00	27.38	6.73	5.00
7.30	5.73	38.31	36.00	13.48	15.00	29.18	6.00	5.00
5.90	6.08	41.38	41.00	12.24	10.00	29.17	5.23	6.00
6.10	5.89	41.50	43.00	11.53	10.00	28.88	6.10	6.00
10.88	5.23	37.13	34.00	7.72	9.00	34.34	4.70	4.50
8.65	4.80	39.13	35.00	7.42	9.00	34.17	5.83	5.00
8.20	5.26	36.00	34.00	8.02	9.00	35.99	6.53	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Oil seed products—(Continued)		
7564	Kelloggs & Miller, Inc., Amsterdam, N. Y., "K & M" Brand Pure Old Process	Shelton: Wolf Savitsky
6154	Spencer Kellogg & Sons, Buffalo, N. Y. Kellogg's 37% Pure Old Process	Thomaston: Thomaston Supply Co.
6231	Mann Bros. Co., Buffalo, N. Y. The Mann Bros. Co. 34% Pure Old Process	Shelton: Wolf Savitsky
7627	Meader Milling Co. Inc., Hoboken, N. J. Purifine	Torrington: Litchfield Co-op. Association
Soy bean meal		
8155	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Soy Bean Meal	Norwich: A. E. Shedd
Wheat products		
Wheat bran		
8432	Commander Milling Co., Minneapolis, Minn. Commander	Jewett City: Jewett City Grain Co.
7649	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy	Branford: S. V. Osborn Estate
6250	Chas. M. Cox & Co., Boston, Mass. Argentine	Bristol: Bristol Supply Co. . . .
7693	Chas. M. Cox & Co., Boston, Mass. Lake-Woods	So. Norwalk: Roodner Feed Co.
8321	Chas. M. Cox & Co., Boston, Mass. Pioneer	Guilford: F. H. Rolf
7891	Arthur G. Dunn, New York City. Argentine	Middletown: Meech & Stod- dard, Inc.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.55	9.47	34.13	34.00	7.24	9.00	33.65	5.96	5.00
8.90	5.03	39.00	37.00	7.13	10.00	34.84	5.10	5.00
10.35	5.04	37.63	34.00	7.38	10.00	32.95	6.65	6.00
10.35	5.51	34.94	34.00	8.10	8.00	34.90	6.20	5.00
9.35	5.82	42.50	40.00	5.78	7.00	31.80	4.75	4.50
9.53	6.65	16.88	14.00	10.10	12.00	51.70	5.14	4.00
13.33	5.36	15.75	14.00	10.85	11.50	49.36	5.35	3.50
10.08	6.36	15.75	13.00	10.03	13.00	53.73	4.05	4.00
12.75	5.59	15.75	15.00	11.23	11.50	49.08	5.60	3.50
11.20	5.34	17.50	14.00	9.55	12.00	51.68	4.73	3.50
11.60	5.86	15.50	13.50	9.80	14.00	52.99	4.25	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7676	B. A. Eckhart Milling Co., Chicago, Ill.	Milford: Milford Grain Co. . .
7801	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat	Plantsville: C. A. Cowles
7664	Frank B. Ham & Co. Ltd., Toronto, Ont. Hamco	West Cheshire: Cheshire Grain & Coal Co.
7905	Wm. Hamilton & Sons, Inc., Caledonia, N. Y.	Torrington: Torrington Grain Co.
8195	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice	Putnam: Dayville Grain & Coal Co.
7709	International Milling Co., Minneapolis, Minn. Black Hawk Pure	Greenwich: T. Loughlin & Son
7910	The Kansas Flour Mills Corp., Kansas City, Mo. Big Flake Pure	Winsted: E. Manchester & Sons
7958	Larrabee Flour Mills Co., Kansas City, Mo. Pure	Farmington: Farmington Grain Co.
8351	Larrabee Flour Mills Co., Kansas City, Mo. Winter	Moodus: M. Levine
6155	C. J. Martenis Grain Co., New York City. Argentine	Thomaston: Thomaston Sup- ply Co.
7890	C. J. Martenis Grain Co., New York City. Brazilian	New Haven: R. G. Davis & Sons
7614	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
12.25	5.99	16.69	14.00	9.35	11.00	50.54	5.18	2.50
12.35	6.02	15.50	14.00	10.15	12.00	50.70	5.28	4.00
12.78	5.97	14.63	13.50	10.55	12.00	50.89	5.18	3.00
10.43	5.51	16.50	13.25	9.35	11.50	53.11	5.10	2.90
10.63	6.37	15.75	13.50	9.80	14.00	52.30	5.15	3.50
12.35	5.20	18.88	15.00	8.29	12.00	50.40	4.88	3.20
11.83	6.44	14.88	15.00	9.15	11.00	53.25	4.45	3.50
11.08	7.21	15.19	15.00	9.53	10.00	52.09	4.90	3.50
10.73	6.93	15.63	15.00	8.63	10.00	53.18	4.90	3.50
10.08	6.55	15.75	13.00	9.80	13.00	53.67	4.15	4.00
10.53	6.55	16.19	13.00	10.48	13.00	52.30	3.95	4.00
11.85	4.89	16.50	13.00	7.10	10.00	54.96	4.70	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7654	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard	Derby: Derby Feed Store
6138	Ogilvie Flour Mills, Montreal, Que. Ogilvie's	Hamden: Ira W. Beers
7774	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's	Meriden: Raymond Ives
7667	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat	Shelton: Shelton Feed Co.
6123	Quaker Oats Co., Chicago, Ill. Bell Cow	Guilford: F. H. Rolf, Inc.
7841	Red Wing Milling Co., Red Wing, Minn. Red Wing Special	New Haven: Moran-Patton Co.
7889	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure	New Haven: R. G. Davis & Sons
8240	Russell Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident	Danielson: Young Bros. Co. ...
7884	St. Lawrence Flour Mills Co. Ltd., Montreal, Que.	Bristol: Bristol Supply Co. ...
Wheat middlings and similar products		
8314	Commander - Larrabee Co., Minneapolis, Minn. . Sunfed Wheat Standard Middlings	Jewett City: Jewett City Grain Co.
7650	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy Shorts	Branford: S. V. Osborn Estate
7698	Chas. M. Cox Co., Boston, Mass. Lake-Woods Shorts	So. Norwalk: Roodner Feed Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
12.00	6.40	16.06	15.50	9.30	11.50	50.89	5.35	4.00
10.13	5.51	16.81	15.00	10.26	11.50	51.71	5.58	3.50
11.60	5.99	17.75	14.50	7.85	10.00	52.26	4.55	3.50
11.70	5.30	16.50	14.00	8.58	12.00	52.37	5.55	4.00
9.40	5.60	17.38	15.00	9.59	10.00	51.80	6.20	3.50
11.73	5.66	16.38	13.50	10.10	15.60	51.35	4.78	4.10
11.33	5.34	16.31	15.00	9.70	11.50	51.82	5.50	3.50
10.20	6.35	18.19	14.00	8.98	11.50	50.85	5.43	4.00
10.35	5.20	15.88	15.00	10.13	11.50	53.01	5.43	3.50
9.03	5.65	17.88	14.50	8.15	9.50	53.49	5.80	4.00
12.40	3.95	18.50	15.00	6.35	8.00	52.62	6.18	5.00
11.73	4.16	19.50	16.00	6.43	8.00	51.95	6.23	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Wheat products—(Continued)	
8322	Chas. M. Cox Co., Boston, Mass. Pioneer Wheat Shorts	Guilford: F. H. Rolf, Inc.
8385	Dominion Flour Mills, Ltd., Montreal, Que. Dominion Shorts	Lebanon: Berkman Grain Co. .
7983	Arthur G. Dunn, New York City. Argentine Wheat Middlings	East Hartford: Stowe & Rondeau
7756	B. A. Eckhart Milling Co., Chicago, Ill. Standard Wheat Middlings	Wallingford: A. E. Hall
6180	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Wheat Flour Middlings	Devon: Webster Coal & Ice Co.
8009	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings	Lebanon: Berkman Grain Co. .
7688	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings	Seymour: Seymour Grain & Coal Co.
7665	Frank B. Ham & Co., Toronto, Ont. Hamco Wheat Shorts	West Cheshire: Cheshire Grain & Coal Co.
8199	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings	Danielson: Dayville Grain & Coal Co.
7600	International Milling Co., Minneapolis, Minn. Black Hawk Wheat Standard Middlings	Southport: C. Buckingham & Co.
6417	E. Manchester & Sons, Winsted. Red Star Flour Middlings	Winsted: E. Manchester & Sons

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.15	4.49	19.69	16.00	7.23	9.00	52.16	6.28	4.50
9.35	4.30	17.31	16.00	7.30	8.00	56.51	5.23	5.00
9.98	4.69	17.38	13.50	8.60	9.50	55.37	3.98	3.50
11.55	4.69	17.56	15.00	7.38	9.50	53.59	5.23	3.00
10.85	2.80	17.38	16.00	3.85	6.00	61.09	4.03	4.00
10.45	3.96	18.38	16.00	5.40	6.00	56.76	5.05	4.00
11.45	4.82	18.13	15.00	8.40	9.50	51.55	5.65	4.00
11.85	4.45	17.69	15.00	7.05	10.50	52.33	6.63	3.50
10.00	4.97	19.00	15.00	7.15	9.50	52.83	6.05	4.75
11.85	4.72	19.00	16.00	7.00	8.50	51.98	5.45	4.50
10.90	3.52	17.75	15.00	5.53	6.00	57.35	4.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7612	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground White Middlings	Stratford: Z. C. Ingersoll
7655	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Midds.	Derby: Derby Feed Store
7973	Northwestern Consolidated Milling Co., Minneapolis, Minn. . . Standard Middlings	Bloomfield: Bloomfield Farmers' Exchange
7913	Ogilvie Flour Mills Co. Ltd., Montreal, Que. Ogilvie's Wheat Shorts	Winsted: E. Manchester & Sons
6410	The Park & Pollard Co., Buffalo, N. Y. Wheat Flour Middlings	Winsted: Leonard Grain Co
7924	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat A. Middlings	Canaan: Ives & Pierce
7777	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat Standard B. Middlings	Kensington: S. F. Labieniec . .
6124	Quaker Oats Co., Chicago, Ill. Bell Cow Shorts	Guilford: F. H. Rolf, Inc.
7634	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure Wheat Shorts	Winsted: E. Manchester & Sons
7968	Russell-Miller Milling Co., Minneapolis, Minn. Alta Hard Wheat Middlings	Granby: E. H. Rollins
8312	St. Albans Grain Co., St. Albans, Vt. King Flour Middlings	Willimantic: Willimantic Grain Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.25	2.15	14.81	15.00	1.37	7.50	67.82	2.60	3.50
11.45	6.69	18.31	15.50	6.43	7.00	50.99	6.13	4.50
9.78	4.89	18.50	15.00	8.78	9.50	52.27	5.78	4.00
10.53	4.29	16.63	16.00	7.75	8.00	55.25	5.55	5.00
10.43	3.20	18.13	14.00	4.83	6.00	58.41	5.00	4.00
10.95	3.59	18.88	16.00	5.08	6.00	56.00	5.50	4.00
11.60	4.91	16.38	15.00	7.65	9.50	54.36	5.10	4.00
9.78	3.89	17.00	15.00	7.02	8.00	56.73	5.58	4.00
11.48	4.45	17.88	17.00	6.98	8.00	53.16	6.05	5.00
10.48	4.30	18.00	15.00	6.28	8.50	55.44	5.50	4.50
9.80	4.14	17.38	15.00	5.78	6.00	58.20	4.70	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7648	St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings	Branford: S. V. Osborn Estate
8238	Yantic Grain & Products Co., Norwich. Big Y Flour Middlings	Abington: Weeks Bros.
Wheat red dog		
7852	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's	Chester: Leet Bros
7720	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Pure Hard Wheat Adrian	Norwalk: Frank Libner & Sons
7859	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.	Higganum: Felix Petrofsky ..
7603	International Milling Co., Minneapolis, Minn. Blackhawk	Bridgeport: Brooklawn Feed Co.
8339	Niagara Falls Milling Co., Lockport, N. Y. Choice	Thomaston: Thomaston Grain & Coal Co.
Wheat feed (mixed feed)		
8205	Caledonia Mills, Inc., St. Johnsbury, Vt. Brook's Fancy	Ridgefield: Ridgefield Lumber Co.
7819	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy	Southbury: H. R. Stone
7804	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine"	Plantsville: C. A. Cowles
6415	E. Manchester & Sons, Winsted. . . Red Star	Winsted: E. Manchester & Sons

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.43	4.03	16.94	15.00	5.65	6.00	57.22	4.73	4.00
10.10	3.81	17.13	17.00	5.58	5.00	59.48	3.90	5.00
11.73	2.51	17.00	16.00	3.45	4.00	61.81	3.50	4.00
11.50	2.44	17.44	16.00	2.18	4.00	62.76	3.68	3.50
11.30	3.87	18.38	15.00	3.88	4.00	57.49	5.08	4.25
12.48	1.67	13.94	16.00	2.56	4.00	66.72	2.63	3.50
9.58	2.14	16.00	16.00	1.73	4.00	67.05	3.50	4.00
10.60	3.92	17.06	15.00	6.15	8.00	58.04	4.23	4.00
11.95	4.62	15.69	15.00	6.35	7.50	57.11	4.28	3.50
11.53	4.80	17.63	15.00	8.40	9.50	52.64	5.00	4.50
10.48	4.80	18.25	16.00	6.83	7.50	54.81	4.83	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
8189	Meech & Stoddard, Inc., Middletown. Red Wing	East Hartford: Meech Grain Co.
7919	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground	Norfolk: Aug. P. Curtis
6177	Northwestern Consolidated Milling Co., Minneapolis, Minn. XXX Comet	Milford: Milford Grain Co. ...
7907	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Heavy Wheat	East Winsted: Leonard Grain Co.
7840	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Light Wheat	Plainville: F. B. Newton
7683	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Fancy	Seymour: Seymour Grain & Coal Co.
7686	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Daisy	Seymour: Seymour Grain & Coal Co.
7755	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident	Wallingford: A. E. Hall
7888	St. Albans Grain Co., St. Albans, Vt. Wirthmore	New Haven: R. G. Davis & Sons
7970	Yantic Grain & Products Co., Norwich. Big Y	Tariffville: Tariffville Grain Co.
Maize products		
Corn gluten feed		
7869	American Maize Products Co., New York City. Cream of Corn Gluten Feed	Plainville: W. S. Eaton

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.38	4.73	18.25	15.00	6.21	10.00	56.60	3.83	4.50
11.08	4.26	15.25	14.00	6.53	10.00	58.63	4.25	5.00
11.40	2.48	19.63	16.00	1.94	4.00	60.20	4.35	4.00
12.10	4.05	17.13	15.50	5.98	8.00	56.01	4.73	3.35
10.73	5.34	18.38	15.30	8.63	10.25	51.19	5.73	3.85
12.58	4.36	17.19	15.00	5.38	8.50	55.71	4.78	4.00
11.95	2.70	18.75	16.00	1.60	4.00	60.26	4.74	4.00
12.30	4.57	18.63	15.00	7.47	9.50	51.15	5.88	4.50
11.20	3.98	17.75	15.00	6.15	8.00	56.19	4.73	4.50
10.75	4.30	17.00	16.00	7.08	8.00	56.62	4.25	4.50
10.30	5.01	27.63	23.00	7.28	8.50	46.35	3.43	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Maize products—(Continued)		
6471	E. R. Bacon Grain Co., Boston, Mass. Bacon's Gluten Feed	Torrington: Torrington Grain Co.
7668	Clinton Corn Syrup Refining Co., Clinton, Iowa. Clinton Corn Gluten Feed	Shelton: Wolf Savitsky
7976	Corn Products Refining Co., New York City. Buffalo Corn Gluten Feed	Thompsonville: Geo. S. Phelps & Co.
7780	Corn Products Refining Co., New York City. Diamond Corn Gluten Meal	Kensington: S. F. Labieniec ..
7704	Penick & Ford, Ltd. Inc., Cedar Rapids, Ia. Douglas Corn Gluten Feed	Stamford: Clapboard Hill Feed Co.
6230	Penick & Ford, Ltd., Inc., Cedar Rapids, Ia. Sweetened Douglas Corn Gluten Feed	Shelton: Wolf Savitsky
7625	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed	Torrington: Litchfield Co-op. Association
6139	Union Sales Corp., Columbus, Ind. Union Corn Gluten Feed	West Cheshire: Cheshire Grain & Coal Co.
Hominy feed		
7881	Decatur Milling Co., Decatur, Ill. .. Homco	Bristol: C. A. Cowles
7911	Evans Milling Co., Indianapolis, Ind. . Emco	Winsted: E. Manchester & Sons
7652	Kellogg Co., Battle Creek, Mich. White	Branford: S. V. Osborn Estate
7626	Chas. A. Krause Milling Co., Milwaukee, Wis. Badger White	Torrington: Litchfield Co-op. Association

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
6.48	3.56	26.75	23.00	6.43	8.00	52.45	4.33	2.00
10.65	5.55	28.25	23.00	6.90	8.50	46.42	2.23	2.00
10.98	6.59	26.38	23.00	7.33	8.50	46.52	2.20	2.00
10.23	1.18	42.69	40.00	1.63	4.00	42.99	1.28	1.00
12.95	7.68	23.13	23.00	7.50	8.50	45.84	2.90	2.00
11.25	7.23	21.38	20.00	7.73	8.00	50.93	1.48	1.50
10.63	6.52	27.06	23.00	6.38	8.00	47.76	1.65	1.00
9.55	6.62	32.13	23.00	5.73	8.00	44.07	1.90	1.00
10.48	2.75	10.75	10.00	5.63	6.00	61.79	8.60	7.00
10.30	3.59	12.63	10.00	6.65	5.50	58.53	8.30	6.00
10.24	2.21	11.13	10.00	3.40	5.00	66.22	6.80	6.00
10.58	2.64	11.44	10.00	4.17	5.00	64.04	7.13	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Maize products—(Continued)		
7684	Miller Cereal Mills, Omaha, Neb	Seymour: Seymour Grain & Coal Co.
7760	Miner-Hillard Milling Co., Wilkes-Barre, Pa. Steam Cooked	Wallingford: Laden Bros.
7918	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Norfolk: Aug. P. Curtis
7618	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco	West Cheshire: Cheshire Grain & Coal Co.
7834	National Feed Co., St. Louis, Mo.	Wallingford: A. E. Hall
7671	The Patent Cereals Co., Geneva, N. Y.	Shelton: Wolf Savitsky
7845	Postum Co. Inc., Battle Creek, Mich. . Burt's	Bethlehem: A. T. Miner
7933	Pratt Food Co., Hammond, Ind. Pratt's White (Buffalo Mills)	Bristol: Bristol Supply Co. ...
	Quaker Oats Co., Chicago, Ill. White	Thomaston: Thomaston Supply Co.
6233	Quaker Oats Co., Chicago, Ill. Yellow	Ansonia: I. Sovitsky Grain & Coal Co.
7743	St. Albans Grain Co., St. Albans, Vt. Paragon	Danbury: F. C. Benjamin
Rye products		
6192	Upper Hudson Rye Flour Mills, Troy, N. Y. Upper Hudson Rye Feed	Plantsville: C. A. Cowles
Brewers' and distillers' grains		
6350	Farmers Feed Co. "Bull Brand" Dried Brewers Grains	Torrington: Torrington Grain Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.78	2.90	11.31	11.00	2.93	4.50	64.93	7.15	7.00
11.60	2.60	11.00	10.00	4.63	5.00	64.37	5.80	5.00
10.00	2.49	11.00	10.00	5.08	6.00	63.00	8.43	5.00
10.18	4.21	12.50	10.00	4.05	6.00	60.78	8.28	7.00
10.83	2.52	11.38	10.00	6.33	10.00	61.86	7.08	5.00
10.80	2.79	11.88	10.00	4.85	5.00	63.20	6.48	5.00
11.80	2.53	10.94	10.00	4.55	5.00	62.95	7.23	5.00
11.63	1.91	10.63	10.00	3.45	6.00	67.88	4.50	4.00
12.65	2.00	10.88	9.00	3.95	5.00	65.14	5.38	4.00
9.80	2.16	10.50	9.50	3.85	5.00	67.81	5.88	4.00
10.40	4.24	12.50	10.00	6.38	7.00	58.23	8.25	6.00
9.93	3.74	17.38	13.50	4.45	6.00	60.87	3.63	3.00
7.18	3.04	27.38	22.00	12.09	17.00	43.66	6.65	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Brewers' and distillers' grains—(Continued)		
6244	C. J. Martenis Grain Co., New York City. Alco Dried Brewers Grains	Seymour: Seymour Grain and Coal Co.
7943	St. Albans Grain Co., St. Albans, Vt. Brewers Dried Grains	New Milford: Geo. T. Soule Co.
7786	St. Albans Grain Co., St. Albans, Vt. Corn Distillers Dried Grains	New Britain: C. W. Lines Co.
Dried beet pulp		
7851	John W. Eshelman & Sons, Lancaster, Pa.	Chester: Leet Bros.
7645	Larrowe Milling Co., Detroit, Mich.	Guilford: F. C. Morse & Son
7672	Larrowe Milling Co., Detroit, Mich. Dried Molasses-Beet Pulp	Shelton: Wolf Savitsky
6151	C. J. Martenis Grain Co., New York City. Dried Beet Pulp (Baltic Feed)	Waterbury: Spencer Grain Co.
7955	Ralston Purina Co., St. Louis, Mo.	Farmington: Farmington Grain Co.
7729	West Bay City Sugar Co., Bay City, Mich.	Ridgefield: Ridgefield Lumber Co.
Dried tomato products		
7809	Ronck & Bevis Co., Philadelphia, Pa. Ro-Be Dried Tomatoes	Plainville: F. B. Newton
Proprietary mixed feeds		
Horse feed		
7622	Allied Mills, Inc., Chicago, Ill. June Pasture	Torrington: Litchfield Co-op. Association

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
5.65	3.55	24.13	21.00	14.68	20.00	45.54	6.45	6.00
8.65	4.29	23.56	21.00	14.33	15.00	43.22	5.95	5.00
7.30	1.93	27.63	28.00	10.23	14.00	45.03	7.88	8.00
11.70	5.58	8.25	8.50	17.78	20.00	55.71	0.98	0.50
10.45	3.37	9.06	8.00	18.45	22.00	57.89	0.78	0.50
11.68	6.02	8.88	8.00	14.23	20.00	58.54	0.65	0.50
9.68	3.66	8.13	7.50	17.12	20.00	60.61	0.80	0.50
9.50	3.10	8.88	8.00	19.58	20.00	58.39	0.55	0.50
10.58	2.99	8.75	8.00	18.20	20.00	58.93	0.55	0.50
7.35	3.27	21.75	20.00	31.63	36.00	23.07	12.93	10.50
13.10	10.13	12.63	10.00	16.18	21.00	45.98	1.98	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7791	Allied Mills, Inc., Chicago, Ill. Wayne Supreme	Bethlehem: A. T. Miner
7836	Arcady Farms Milling Co., Chicago, Ill. Wonder Horse and Mule	Meriden: Raymond Ives
8152	Arcady Farms Milling Co., Chicago, Ill. Wonder Sweet Lasses Feed	Danielson: Kennedy Corp., Inc.
8000	E. W. Bailey & Co., Montpelier, Vt. Pennant	West Willington: H. M. Hansen
7660	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga	Shelton: Shelton Feed Co.
7739	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son
8244	C. W. Campbell Co., Westerly, R. I. Camco	Groton: C. W. Campbell Co.
8253	C. W. Campbell Co., Westerly, R. I. Xtra Vim Molasses	Westerly: C. W. Campbell Co
7882	Chapin & Co., Hammond, Ind. Ajax	Bristol: C. A. Cowles
7847	R. G. Davis & Sons, New Haven. Davis	Clinton: Clinton Grain Co.
7678	R. G. Davis & Sons, New Haven. Davis No. 1 Provender	Ansonia: Ansonia Flour & Grain Co.
7685	The Denver Alfalfa Milling & Products Co. Lamar, Colo. Alfalfa Meal	Seymour: Seymour Grain & Coal Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.88	2.91	11.88	9.50	6.30	8.00	63.43	3.60	3.50
11.90	4.48	10.25	9.00	7.48	10.00	61.91	3.98	3.00
11.53	8.98	11.13	9.00	15.58	25.00	51.43	1.35	1.00
12.10	4.65	13.00	10.75	5.25	6.50	61.65	3.35	3.50
13.25	3.72	11.38	8.00	5.15	10.00	63.62	2.88	2.00
13.48	3.89	11.75	9.00	5.87	11.00	62.33	2.68	2.50
10.53	4.73	10.69	10.00	6.83	10.00	63.24	3.98	3.00
9.83	4.75	10.50	10.00	9.75	12.00	61.62	3.55	2.00
12.68	4.72	9.25	9.00	9.28	12.00	60.67	3.40	3.00
11.83	3.49	10.63	9.00	7.00	10.00	63.10	3.95	3.00
11.58	2.75	11.69	10.00	6.23	8.00	62.65	5.10	3.50
9.60	7.48	15.25	13.00	26.33	33.00	39.14	2.20	1.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7615	The Denver Alfalfa Milling & Products Co. Lamar, Colo. Alfalfa Leaf Meal	West Cheshire: Cheshire Grain & Coal Co.
8149	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's	Putnam: Bosworth Bros
7922	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Norfolk: W. A. Spaulding . . .
8394	Eastern States Farmers' Exchange, Spring- field, Mass. . . Eastern States Highland 12	Clinton: A. L. Lockwood . . .
7748	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States	North Haven: Ridgewood Farm
7902	Elmore Milling Co., Oneonta, N. Y. Elmore, with Molasses	Naugatuck: Naugatuck Fruit & Produce Co.
7697	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 60	So. Norwalk: Roodner Feed Co.
7597	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Liberty	Southport: C. Buckingham & Co.
7750	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 85	Wallingford: A. E. Hall
7794	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Steam-Cooked	New Britain: Wm. Cohen
7985	Flory Milling Co., Bangor, Pa. Blue Mountain	Hartford: H. L. Solloway
7817	Flory Milling Co., Bangor, Pa. . . . Flory's	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.90	17.50	18.50	20.00	14.56	18.00	36.16	3.38	2.50
11.18	3.08	11.13	10.00	6.73	12.00	64.34	3.54	3.50
10.68	2.35	11.00	9.50	6.10	7.00	65.24	4.63	3.50
9.75	6.60	13.00	12.00	9.33	11.50	57.77	3.55	2.50
12.20	4.01	12.38	10.50	6.80	7.00	60.63	3.98	3.50
10.80	3.42	13.00	9.00	7.18	11.00	62.35	3.25	2.50
12.43	5.00	10.75	9.00	10.98	10.00	57.61	3.23	2.50
13.73	7.35	9.38	7.00	10.90	10.00	56.09	2.55	2.00
11.90	3.41	11.13	9.00	7.18	10.00	62.28	4.10	3.00
9.55	1.93	11.19	9.00	4.48	6.00	69.22	3.63	4.00
10.83	4.45	8.63	7.00	10.58	11.00	63.23	2.28	2.00
11.93	3.42	10.38	9.00	7.78	10.00	63.09	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
	J. A. Forrest, Minneapolis, Minn. Alpine Ground Feeding Oat Meal	Danielson: Young Bros. Co
8304	Hales & Hunter Co., Chicago, Ill. College	Guilford: F. H. Rolf, Inc.
7892	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc.
8565	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc.
7641	Lamar Alfalfa Milling Co., Lamar, Colo. Alfalfa Leaf Meal	Guilford: F. C. Morse & Son
7758	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand, with Alfalfa and Molasses	Wallingford: Laden Bros.
7803	Meader Milling Co., Hoboken, N. J. Arrowhead	Plantsville: C. A. Cowles
7772	Meech & Stoddard, Inc., Middletown. Red Wing, with Molasses	Meriden: Meriden Grain & Coal Co.
8250	Miner-Hillard Milling Co., Wilkes-Barre, Pa. "1795" Steam Cooked Corn and Oats	Westerly: C. W. Campbell Co.
7642	Fred C. Morse & Son, Guilford. Old Mill	Guilford: Fred C. Morse & Son
7643	Fred C. Morse & Son, Guilford. Old Mill Provender	Guilford: Fred C. Morse & Son
	Nowak Milling Corp., Hammond, Ind. Domino Vim-O-Lene	Sharon: Frank A. Wike & Co.
7860	Ontario Milling Co., Oswego, N. Y. Onto, with Molasses	Middletown: P. Levson & Son

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.15	2.66	17.69	14.00	4.73	3.90	57.89	7.88	5.00
10.90	4.15	12.50	9.00	6.03	10.00	63.17	3.25	2.50
9.90	2.25	10.50	9.50	5.63	4.60	67.29	4.43	4.00
10.33	2.30	11.19	9.50	4.98	4.60	66.40	4.80	4.00
10.85	11.00	19.50	20.00	16.63	18.00	39.19	2.83	2.50
13.23	3.50	10.75	8.00	7.05	10.00	61.79	3.68	2.00
12.88	3.70	10.00	9.00	9.43	15.00	60.44	3.55	2.00
12.60	3.93	10.44	9.00	8.53	10.00	61.02	3.48	3.00
9.13	1.92	11.06	9.50	4.40	5.00	69.14	4.35	4.00
13.23	4.00	12.44	12.00	5.27	8.00	60.91	4.15	4.00
12.50	2.32	10.56	10.00	5.02	6.00	65.00	4.60	3.25
10.33	3.41	10.38	9.50	5.60	9.00	67.20	3.08	3.00
12.78	4.43	10.38	10.00	7.85	10.00	60.68	3.88	3.20

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6120	S. V. Osborn Estate, Branford. Osborn Provender	Branford: S. V. Osborn Estate
7904	Park & Pollard Co. Inc., Buffalo, N. Y. Chelsea	Thomaston: Thomaston Grain & Coal Co.
7903	Park & Pollard Co. Inc., Buffalo, N. Y. Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Thomaston: Thomaston Grain & Coal Co.
7722	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons
8197	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. Peevee Alfalfa Meal	Danielson: Young Bros. Co.
7830	Pratt Food Co., Hammond, Ind. Oat Feed (Buffalo Mills)	Seymour: Seymour Grain & Coal Co.
7832	Pratt Food Co., Hammond, Ind. ... Pratt's	Norwalk: Frank Libner & Sons
7833	Pratt Food Co., Hammond, Ind. Pratt's, with Alfalfa	Norwalk: Frank Libner & Sons
7885	Pratt Food Co., Hammond, Ind. Pratt's Utility	Bristol: Bristol Supply Co.
6246	Quaker Oats Co., Chicago, Ill. . Banner Feed	Seymour: Seymour Grain & Coal Co.
8319	Quaker Oats Co., Chicago, Ill. Horse Power	East Wallingford: D. W. Ives
7646	Quaker Oats Co., Chicago, Ill. Quaker Green Cross	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.55	2.23	10.75	10.00	6.68	8.00	64.29	4.50	4.00
11.45	6.80	10.06	8.00	14.60	12.00	54.66	2.43	2.00
10.43	2.82	11.88	10.00	8.03	8.00	62.14	4.70	3.00
12.35	3.25	12.94	10.00	7.85	9.00	59.53	4.08	3.50
7.73	10.30	19.75	20.00	17.95	20.00	41.54	2.73	2.50
8.17	5.81	7.25	4.00	23.23	30.00	52.66	2.88	1.50
12.45	4.05	11.00	9.00	7.90	10.00	60.35	4.25	2.00
12.80	4.50	11.00	9.00	9.45	14.00	58.42	3.83	2.50
11.73	4.37	9.75	6.50	7.60	12.00	63.37	3.18	1.50
6.68	6.50	13.06	13.00	18.27	18.00	51.09	4.40	4.50
9.58	5.34	10.63	9.50	7.20	11.00	64.05	3.20	2.80
13.00	4.68	11.06	10.00	9.78	12.00	58.08	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7868	Quaker Oats Co., Chicago, Ill. Quaker Thorobred	Plainville: W. S. Eaton
6113	Quaker Oats Co., Chicago, Ill. Sugared Vim Feed	Branford: S. V. Osborn Estate
6245	Quaker Oats Co., Chicago, Ill. . . Vim Feed	Seymour: Seymour Grain & Coal Co.
7726	Ralston Purina Co., St. Louis, Mo. Purina Bulky Las Chow (Buffalo Mill)	New Canaan: Clapboard Hill Feed Co.
7728	Ralston Purina Co., St. Louis, Mo. Purina Bulky O-Molene Chow	Ridgefield: Ridgefield Lumber Co.
7990	Ralston Purina Co., St. Louis, Mo. Purina Checkerboard Rolled Oats (Steam Cooked)	Manchester: Manchester Grain Co.
7730	Ralston Purina Co., St. Louis, Mo. Purina O-Molene Chow	Ridgefield: Ridgefield Lumber Co.
7706	Ralston Purina Co., St. Louis, Mo. Protena Sweet Roughage Feed	Stamford: Clapboard Hill Feed Co.
7687	Seymour Grain & Coal Co., Seymour. Miracle Molasses	Seymour: Seymour Grain & Coal Co.
8006	St. Albans Grain Co., St. Albans, Vt. King	Willimantic: Willimantic Grain Co.
7763	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fodder Greens	Meriden: H. Grulich
7598	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.55	3.36	10.63	10.50	5.48	9.00	64.85	4.13	3.50
8.25	6.53	5.63	5.00	24.02	27.50	53.94	1.63	1.25
5.78	7.00	5.75	5.00	28.81	30.00	50.81	1.85	2.00
13.03	7.68	12.00	9.00	12.37	15.00	52.04	2.88	1.30
12.05	4.69	10.63	9.70	9.55	11.00	58.68	4.40	3.20
9.50	1.72	15.75	14.50	1.58	2.50	65.45	6.00	6.00
12.85	4.42	10.38	9.70	7.60	9.00	60.72	4.03	3.20
12.33	6.98	8.25	6.00	22.69	30.00	47.92	1.83	1.00
13.28	4.16	11.13	10.00	6.88	7.00	59.65	4.90	3.50
11.25	4.65	9.63	9.50	7.10	9.00	63.64	3.73	3.00
13.38	7.24	11.25	9.00	12.97	19.00	52.81	2.35	1.25
12.78	3.07	10.38	9.80	5.99	9.00	63.93	3.85	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8311	D. A. Stickell & Sons, Hagerstown, Md. Su-Pur Horse and Mule	East Hartford: Stowe & Rondeau
8018	Syracuse Milling Co., Syracuse, N. Y. Jordan, with Molasses	Colchester: P. Cutler, Inc
7610	Syracuse Milling Co., Syracuse, N. Y. Syragold, with Molasses	East Bridgeport: J. Simons
7746	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby Ground Corn and Oats	Bethel: Morrison & Dunham
7621	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Neverfail	Torrington: Litchfield Co- operative Association ...
7953	F. S. Wertz & Son, Reading, Pa. Wertz's, with Alfalfa and Molasses	Long Hill: Long Hill Feed Store
8022	Yantic Grain & Products Co., Norwich. Al-Mo	Willimantic: Boston Grain Co.
7937	Yantic Grain & Products Co., Norwich. Big (Y)	Hamden: Hamden Grain Co. . .
Dairy feeds		
7741	Allied Mills, Inc., Chicago, Ill. . Amco 20%	Danbury: C. S. Barnum & Son
7731	Allied Mills, Inc., Chicago, Ill. . Amco 24%	Danbury: C. S. Barnum & Son
8163	Allied Mills, Inc., Chicago, Ill. Amco 20% National	Bristol: A. J. Bower
7908	Allied Mills, Inc., Chicago, Ill. Amco 16½% Sucrene	Riverton: L. A. Coe

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.58	3.76	11.50	9.00	5.63	12.00	65.48	3.05	2.50
11.95	5.39	8.50	7.00	11.38	12.00	59.50	3.28	2.00
10.95	3.26	9.38	8.00	9.54	12.00	63.42	3.45	2.50
11.08	2.75	11.75	9.20	6.78	8.00	62.84	4.80	4.00
12.78	3.89	11.56	10.00	6.17	10.00	61.47	4.13	3.50
11.20	3.78	11.75	9.00	7.70	10.00	62.12	3.45	2.00
11.00	6.00	13.25	11.00	18.73	15.00	48.89	2.13	1.50
12.23	2.73	10.63	10.00	7.83	7.00	62.78	3.80	3.00
10.78	6.15	21.63	20.00	6.49	9.00	51.22	3.73	3.50
10.28	6.41	24.63	24.00	6.73	9.00	48.22	3.73	3.50
9.68	7.58	21.50	20.00	6.80	9.00	50.44	4.00	3.50
11.40	5.74	16.88	16.50	8.83	12.00	53.10	4.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7823	Allied Mills, Inc., Chicago, Ill. Wayne 20% Surecne	Bethlehem: A. T. Miner
7781	Arcady Farms Milling Co., Chicago, Ill. Advanced Registry	New Britain: S. P. Strople
7773	Arcady Farms Milling Co., Chicago, Ill. Milkers Ready Ration	Meriden: Raymond Ives
7775	Arcady Farms Milling Co., Chicago, Ill. Old Colony	Meriden: Raymond Ives
8305	Arcady Farms Milling Co., Chicago, Ill. Peerless Milk Ration	New Britain: S. P. Strople
	Arcady Farms Milling Co., Chicago, Ill. Sweet 16	Danielson: Kennedy Corp., Inc.
8010	E. W. Bailey & Co., Montpelier, Vt. Capital	Lebanon: Berkman Grain Co.
8011	E. W. Bailey & Co., Montpelier, Vt. Favorite	Lebanon: Berkman Grain Co.
	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital	Guilford: F. H. Rolf, Inc.
	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite	Derby: Derby Feed Store
	Beacon Milling Co. Inc., Cayuga, N. Y. Auburn	Bridgeport: Herbert C. Ferris
	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.63	6.67	21.56	20.00	7.38	12.50	50.13	3.63	3.50
9.38	6.22	25.50	25.00	9.55	10.00	45.10	4.25	4.50
10.65	7.29	22.56	22.00	10.18	12.00	45.27	4.05	4.00
10.48	2.55	20.63	20.00	9.55	12.00	52.51	4.28	3.50
10.73	13.19	20.13	20.00	8.45	12.00	44.32	3.18	4.00
8.78	9.75	17.38	16.00	12.05	12.50	47.61	4.43	4.00
9.60	7.35	25.50	24.00	7.50	9.00	45.45	4.60	5.00
9.90	6.34	23.13	20.00	8.15	7.50	47.95	4.53	4.50
11.40	7.34	24.75	24.00	7.02	9.00	44.81	4.68	5.00
11.05	6.69	21.88	20.00	6.65	7.50	49.35	4.38	4.50
11.30	7.39	21.13	20.00	6.09	10.00	50.04	4.05	4.00
10.63	6.99	24.75	24.00	8.45	9.00	44.63	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7604	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Sweet "24"	Bridgeport: Herbert C. Ferris
7666	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon "20"	Shelton: Shelton Feed Co.
7619	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 20%	West Cheshire: Cheshire Grain & Coal Co.
7710	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 24%	Norwalk: Frank Libner & Sons
6472	A. D. Bridge's Sons, Inc., Hazardville. Success	Hazardville: A. D. Bridge's Sons, Inc.
8017	L. Broder Grain Store, Colchester. L. B. Milk Ration	Colchester: L. Broder Grain .. Store
7829	C. Buckingham & Co., Southport. C. B.	Southport: C. Buckingham & Co.
8245	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co. ...
8566	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co.
8251	C. W. Campbell Co., Westerly, R. I. No-Botheration Dairy Ration	Westerly: C. W. Campbell Co.
7872	Chapin & Co., Hammond, Ind. Ajax Dairy Ration 24%	Bristol: C. A. Cowles
7871	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 20%	Bristol: C. A. Cowles

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.08	7.03	24.69	24.00	5.99	9.00	47.21	4.00	4.00
11.25	6.73	20.88	20.00	7.28	9.00	48.81	5.05	4.50
11.10	7.49	20.63	20.00	9.05	11.00	47.23	4.50	4.00
11.05	6.94	23.00	24.00	7.35	11.00	47.46	4.20	4.00
9.23	2.38	21.06	20.00	11.28	9.50	51.77	4.28	5.20
10.25	6.20	21.38	20.00	7.03	8.50	49.99	5.15	5.00
10.25	7.45	24.63	22.81	8.55	9.40	44.17	4.95	4.60
9.33	6.48	21.25	20.00	7.30	8.00	51.51	4.13	4.50
9.88	6.44	21.25	20.00	7.20	8.00	51.50	3.73	4.50
9.15	5.87	21.19	20.00	6.15	8.00	52.36	5.28	5.00
10.10	8.46	24.38	24.00	8.00	10.00	44.58	4.48	4.50
10.55	7.65	21.63	20.00	8.25	10.00	47.37	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS.

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 24%	Bristol: C. A. Cowles
	Coles Co., Middletown. Capitol 20% Molasses	Plantsville: Atwater Mills
	Coles Co., Middletown. Selco 24% Molasses	Middletown: Coles Co.
8258	G. E. Conkey Co., Cleveland, Ohio. Conkey's 24% Protein	Ansonia: A. Hodos & Son
7800	C. A. Cowles, Plantsville. Cowles' 20% Dairy Ration	Plantsville: C. A. Cowles
7805	C. A. Cowles, Plantsville. Cowles' 24 % Dairy Ration	Plantsville: C. A. Cowles
8021	P. Cutler, Inc., Colchester. Prosperity Dairy Ration	Colchester: P. Cutler, Inc.
8237	P. Cutler, Inc., Colchester. Prosperity Special	Colchester: P. Cutler, Inc.
7675	R. G. Davis & Sons, New Haven. . . . Basic	Milford: Milford Grain Co.
7680	R. G. Davis & Sons, New Haven. 20% Open Formula	Ansonia: Ansonia Flour & Grain Co.
7740	Delaware Mills, Inc., Deposit, N. Y. Delaware	Danbury: C. S. Barnum & Son
8215	Delaware Mills, Inc., Deposit, N. Y. Delaware Sweet 24%	Colchester: J. Boretz

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.68	8.62	25.44	24.00	8.20	10.00	42.48	4.58	4.50
11.23	7.31	20.75	20.00	12.95	11.00	44.36	3.40	4.00
9.90	7.85	24.00	24.00	10.20	10.00	43.55	4.50	4.50
8.65	6.25	25.75	24.00	7.55	9.00	47.45	4.35	5.00
10.13	7.06	23.13	20.00	8.88	10.00	45.80	5.00	5.00
9.88	5.57	23.88	24.00	9.60	10.00	45.84	5.23	6.00
9.25	6.23	24.88	24.00	6.18	9.00	49.10	4.36	4.00
9.10	6.48	22.00	20.00	7.23	9.00	50.21	4.98	4.00
11.50	5.88	22.00	20.00	7.73	9.00	48.49	4.40	4.50
11.78	7.79	20.56	20.00	5.75	8.00	49.91	4.21	4.00
9.88	7.09	25.75	23.00	7.65	10.00	43.68	5.95	5.00
10.43	6.43	23.63	24.00	6.88	10.00	47.80	4.83	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7839	Delaware Mills, Inc., Deposit, N. Y. Delco 20 %	Plainville: F. B. Newton ...
7987	Delaware Mills, Inc., Deposit, N. Y. N. Y. Feed and Grain Special	Hartford: N. Y. Grain & Feed Co.
8028	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's A-1	Putnam: Bosworth Bros.
8027	Dietrich & Gambrill, Inc., Frederick, Md. Pen-Mar	Putnam: Bosworth Bros.
7749	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Fulpail	North Haven: Ridgewood Farm
6323	Eastern States Farmers' Exchange, Spring- field, Mass. ... Eastern States Highland 20	Bridgeport: J. H. Sherwood ..
8156	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Milkmore	Norwich: A. E. Shedd
7921	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Sixteen Dairy Ration	Norfolk: W. A. Spaulding
8191	Elmore Milling Co. Inc., Oneonta, N. Y. Economilk	Amston: Amston Grain Mill
7916	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Sweet Digesto	Winsted: Chas. R. Hawley
7810	Elmore Milling Co. Inc., Oneonta, N. Y. Emco	Plainville: F. B. Newton
7914	Elmore Milling Co. Inc., Oneonta, N. Y. Otsego Economy Ration	Winsted: Chas. R. Hawley ..

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.40	5.60	23.13	20.00	8.83	11.00	47.49	5.55	4.00
9.70	6.40	24.00	24.00	9.35	8.00	45.52	5.03	5.00
10.23	7.84	24.13	24.00	8.63	9.00	44.64	4.53	5.00
10.68	7.34	21.88	20.00	8.83	9.00	46.99	4.28	4.00
11.10	5.91	20.38	20.00	7.55	8.00	50.56	4.50	4.50
9.65	7.02	20.00	20.00	11.18	12.00	48.40	3.75	4.00
9.28	6.45	25.75	24.00	7.75	8.00	46.29	4.48	4.50
10.43	6.02	18.50	16.00	7.75	8.00	52.50	4.80	4.00
10.33	8.46	20.13	20.00	10.23	11.00	46.70	4.15	4.00
11.48	7.05	18.25	16.00	11.80	12.00	47.09	4.33	4.00
11.13	6.27	21.25	20.00	9.25	10.00	48.65	3.45	4.50
11.08	8.17	20.38	20.00	9.10	11.00	47.39	3.88	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7790	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 24% Dairy Ration	New Britain: Wm. Cohen
7837	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge	New Britain: Wm. Cohen
7752	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20	Wallingford: A. E. Hall
7694	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20	So. Norwalk: Roodner Feed Co.
7089	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20	New Haven: Moran-Patton Co
8196	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Pennsy 16	Putnam: Dayville Grain & Coal Co.
7751	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24	Wallingford: A. E. Hall
7814	Flory Milling Co., Bangor, Pa. Record	New Haven: Moran-Patton Co
8348	J. B. Garland & Son, Worcester, Mass. Royal Worcester Complete Ration	North Grosvenordale: Thompson Grain Co.
7718	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Dairy Ration	Norwalk: Frank Libner & Sons
7894	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened 20%	Portland: Valley Mills
8192	D. H. Grandin Milling Co., Jamestown, N. Y. M-S (Money Saver) 20% Sweet	Warrenville: Ashford Co- operative Association ...

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.30	7.89	26.63	24.00	7.48	8.00	43.07	4.63	4.50
10.53	8.44	25.00	24.00	8.63	11.00	42.52	4.88	4.00
11.33	8.19	23.25	20.00	8.28	11.00	45.00	3.95	4.00
11.23	7.51	21.88	20.00	7.48	11.00	47.90	4.00	4.00
10.49	8.19	23.75	20.00	8.49	9.00	44.95	4.13	4.00
11.13	8.35	17.81	16.00	8.28	11.00	51.13	3.30	3.00
10.68	7.77	25.00	24.00	8.03	11.00	44.19	4.33	4.00
11.28	7.65	22.50	20.00	9.33	9.00	45.01	4.23	5.00
9.45	7.72	20.63	20.00	7.00	10.00	51.15	4.05	3.00
10.23	7.87	21.88	20.00	7.83	8.50	47.34	4.85	5.00
11.13	7.35	22.38	20.00	7.90	10.00	46.46	4.78	4.00
10.35	7.66	22.75	20.00	8.08	12.00	46.78	4.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7761	Laden Bros. Co. Inc., Wallingford. . . Laden's	Wallingford: Laden Bros. Inc.
7696	Larowe Milling Co., Detroit, Mich. . . Larro (The Ready Ration for Dairy Cows)	So. Norwalk: Roodner Feed Co.
7782	C. W. Lines Co., New Britain. Mill Pride Dairy Ration	New Britain: C. W. Lines Co.
7951	The Long Hill Feed Store, Long Hill. Square Deal Dairy Ration	Long Hill: Long Hill Feed Store
8352	E. Manchester & Sons, Winsted. . . Red Star	Winsted: E. Manchester & Sons
7912	E. Manchester & Sons, Winsted. . . . Special	Winsted: E. Manchester & Sons
8233	E. Manchester & Sons, Winsted. Red Star Sweet Sixteen	Winsted: E. Manchester & Sons
7946	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "20" Dairy Ration, Sweetened	Brookfield: S. A. Smith
7947	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "24" Dairy Ration, Sweetened	Brookfield: S. A. Smith
8234	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Marmico 16% Protein with Molasses	Kent: H. H. Taylor & Son
7963	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Hi Test 20%, Sweetened	Collinsville: Rourke-Robotham
7768	Meech & Stoddard, Inc., Middletown. . . Red Wing Dairy Ration with Brewers Grains	Meriden: Meriden Grain & Coal Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.95	6.79	21.38	20.00	7.99	9.00	47.01	4.88	4.50
10.53	6.11	21.50	20.00	8.96	12.00	48.92	3.98	4.00
10.55	7.44	24.31	24.00	7.73	10.00	45.36	4.61	5.00
9.70	7.57	20.63	20.00	10.95	10.00	46.75	4.40	5.00
9.30	6.59	23.56	23.00	6.93	10.00	49.07	4.55	4.00
10.70	5.85	21.13	20.00	7.88	10.00	49.29	5.15	4.00
9.85	6.10	18.50	16.00	7.53	10.00	52.47	5.55	4.00
10.68	9.01	21.63	20.00	8.58	11.00	45.32	4.78	4.50
10.60	8.38	25.50	24.00	8.98	11.00	42.16	4.38	4.50
10.48	11.09	16.00	16.00	10.55	12.00	46.95	4.93	4.00
10.75	7.39	21.63	20.00	9.38	12.00	46.35	4.50	4.50
9.80	8.09	19.63	20.00	11.97	12.00	44.73	5.78	5.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Dairy Ration with Brewers Grains	Middletown: Meech & Stoddard, Inc.
6222	Mennel Milling Co., Toledo, Ohio. Memo 16%	Plainville: W. S. Eaton
8318	Mennel Milling Co., Toledo, Ohio. Memo 16%, Sweet	East Wallingford: D. W. Ives
7797	Mennel Milling Co., Toledo, Ohio. Memo 20%	Plantsville: Atwater Mills
7988	Mennel Milling Co., Toledo, Ohio. Memo 22%, Sweet	Glastonbury: Stanley Melzen .
7853	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 20%, with Molasses	Higganum: Felix Petrofsky ..
7856	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 24% Dairy Ration	Higganum: Felix Petrofsky
7638	Fred C. Morse & Son, Guilford. Old Mill 20%	Guilford: Fred C. Morse & Son
7639	Fred C. Morse & Son, Guilford. Old Mill 24%	Guilford: Fred C. Morse & Son
8342	Ontario Milling Co. Inc., Oswego, N. Y. Big Value	Middletown: P. Levson & Son
8317	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 16%, with Molasses	Sharon: Frank A. Wike & Co.
7862	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 20%, with Molasses	Middletown: P. Levson & Son

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
7.63	6.91	22.63	24.00	10.65	12.00	45.10	7.08	5.50
11.10	5.53	16.69	16.00	7.98	12.00	54.25	4.45	3.50
8.63	5.11	14.75	16.00	7.45	12.00	60.48	3.58	3.50
11.08	5.70	18.88	20.00	10.83	12.00	48.93	4.58	4.50
11.53	6.34	21.25	22.00	7.40	12.00	49.80	3.68	3.50
9.90	9.79	20.00	20.00	10.10	11.00	45.58	4.63	4.50
9.83	8.03	25.00	24.00	8.05	10.00	44.11	4.98	5.00
11.15	6.83	21.88	20.00	7.09	9.00	48.05	5.00	4.50
10.90	6.80	25.00	24.00	7.25	9.00	45.07	4.98	5.00
8.98	6.03	21.75	20.00	7.98	10.00	49.91	5.35	4.50
9.98	6.19	18.88	16.00	6.33	10.00	55.67	2.95	3.50
12.15	6.93	21.88	20.00	7.43	10.00	46.71	4.90	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7861	Ontario Milling Co. Inc., Oswego, N. Y. Butterfat, with Molasses	Middletown: P. Levson & Son
8344	Ontario Milling Co. Inc., Oswego, N. Y. Oswego 20%, with Molasses	Middlefield: Terrell & Burnham
7864	Ontario Milling Co. Inc., Oswego, N. Y. Uncle John's 24% Cream Pot Ration	Middletown: P. Levson & Son
7820	Park & Pollard Co., Inc., Buffalo, N. Y. Bet-R-Milk 20% Ration	Woodbury: C. L. Adams Co. ...
7620	Park & Pollard Co., Inc., Buffalo, N. Y. Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.
7930	Park & Pollard Co. Inc., Buffalo, N. Y. Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co.
7617	Park & Pollard Co. Inc., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.
7811	Park & Pollard Co. Inc., Buffalo, N. Y. Overall 24%	Plantsville: F. B. Newton
7906	Park & Pollard Co. Inc., Buffalo, N. Y. Herdhelth 16% Ration	New Hartford: G. W. Case, Inc.
7721	Park & Pollard Co. Inc., Buffalo, N. Y. Top Notch 16% Ration	Norwalk: Frank Libner & Sons
7883	Pratt Food Co., Hammond, Ind. Pratt's Sweet 20%	Bristol: Bristol Supply Co.
8307	Pratt Food Co., Hammond, Ind. Pratt's Sweet 24%	Bristol: Bristol Supply Co. ...

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.05	7.03	25.13	24.00	7.53	10.00	44.33	4.93	5.00
10.00	7.28	20.38	20.00	9.63	12.00	48.21	4.50	4.00
10.40	6.46	25.00	24.00	7.75	9.00	44.96	5.43	5.50
11.33	7.46	20.75	20.00	7.70	9.00	48.61	4.15	4.00
11.85	6.48	21.69	20.00	7.24	9.00	48.04	4.70	4.50
11.10	6.79	21.69	20.00	7.38	9.00	48.76	4.28	4.00
11.58	7.45	24.00	24.00	7.76	11.00	44.48	4.73	4.50
10.08	7.05	26.50	24.00	7.90	9.00	43.47	5.00	4.50
10.83	7.53	18.25	16.00	7.63	9.00	51.81	3.95	3.50
11.10	7.49	17.31	16.00	10.63	12.00	48.84	4.63	3.50
10.35	7.16	21.75	20.00	11.00	12.00	45.34	4.40	4.00
8.78	7.89	26.00	24.00	8.88	10.00	44.17	4.28	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7982	H. C. Puffer Co., Springfield, Mass. Monarch, Sweetened	East Hartford: Stowe & Rondeau
7886	H. C. Puffer Co., Springfield, Mass. Producer 24%	Simsbury: Woods-Chandler Co.
8208	H. C. Puffer Co., Springfield, Mass. Producer 20%	Simsbury: Woods-Chandler Co.
7981	H. C. Puffer Co., Springfield, Mass. Sweetened Producer 20%	East Hartford: Stowe & Rondeau
7690	Quaker Oats Co., Chicago, Ill. Quaker 20% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co.
7691	Quaker Oats Co., Chicago, Ill. Quaker 24% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co.
8016	Ralston Purina Co., St. Louis, Mo. Protena 16%	Portland: Valley Mills
7724	Ralston Purina Co., St. Louis, Mo. Protena 20%	New Canaan: Clapboard Hill Feed Co.
7991	Ralston Purina Co., St. Louis, Mo. Protena 24%	Manchester: Manchester Grain Co.
7707	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
7831	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
6450	Ralston Purina Co., St. Louis, Mo. Purina 34% Cow Chow	Rockville: Rockville Grain & Coal Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
8.63	6.22	21.25	20.00	12.40	12.50	47.90	3.60	3.50
9.60	6.72	26.13	24.00	7.38	8.50	45.49	4.68	4.00
9.30	6.60	22.50	20.00	7.10	8.50	49.72	4.78	4.00
8.93	6.63	21.50	20.00	11.55	12.50	47.11	4.28	3.50
10.95	6.16	21.31	20.00	10.71	12.00	46.72	4.15	3.25
9.70	8.81	24.94	24.00	11.08	12.00	41.12	4.35	4.00
10.93	6.82	18.00	16.00	12.40	14.00	46.47	5.38	3.00
9.90	6.83	20.38	20.00	11.85	14.00	45.16	5.88	3.00
9.93	7.18	24.25	24.00	11.33	12.00	42.93	4.38	3.00
11.60	5.56	21.88	20.00	11.00	12.00	45.61	4.35	3.00
10.65	6.97	25.13	24.00	9.80	12.00	42.67	4.78	3.00
9.38	6.93	34.94	34.00	10.87	12.00	33.00	4.88	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7565	Wolf Savitsky, Shelton. Wolf's Dairy Ration	Shelton: Wolf Savitsky
7682	Seymour Grain & Coal Co., Seymour. Miracle Cow Feed	Seymour: Seymour Grain & Coal Co.
7689	Seymour Grain & Coal Co., Seymour. See-More Milk	Seymour: Seymour Grain & Coal Co.
6236	I. Sovitsky Grain and Coal Co., Ansonia Ansonia 20% Protein, Sweetened	Ansonia: I. Sovitsky Grain & Coal Co.
7764	St. Albans Grain Co., St. Albans, Vt. Hygrade 16 Sweetened Milk Ration	Meriden: H. Grulich
7762	St. Albans Grain Co., St. Albans, Vt. Hygrade 20 Sweetened Milk Ration	Meriden: H. Grulich
7901	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration	Naugatuck: Naugatuck Fruit & Produce Co.
8005	St. Albans Grain Co., St. Albans, Vt. King 22 Milk Ration, Sweetened	Willimantic: Willimantic Grain Co.
7942	St. Albans Grain Co., St. Albans, Vt. Paragon, Sweetened	New Milford: Geo. T. Soule Co.
7931	St. Albans Grain Co., St. Albans, Vt. Paragon, Unsweetened	Stepney: M. Nusbaum
7778	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration	Kensington: S. F. Labieniec ..
7779	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration	Kensington: S. F. Labieniec

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.58	7.44	22.81	20.00	7.42	10.00	46.90	4.85	4.50
11.25	7.11	22.56	20.00	7.60	9.00	47.28	4.20	4.50
10.68	7.73	22.00	20.00	7.36	8.50	47.18	5.05	4.50
8.73	7.35	20.06	20.00	10.60	11.00	48.83	4.43	4.75
12.75	6.82	18.00	16.00	7.10	8.50	50.95	4.38	3.50
11.85	5.67	20.75	20.00	7.79	8.50	49.83	4.11	4.00
11.08	7.55	24.88	24.00	7.30	9.00	44.74	4.45	4.00
10.63	7.56	23.38	22.00	8.83	9.00	45.47	4.13	4.50
10.43	7.24	18.75	20.00	11.93	11.00	47.49	4.16	3.25
9.53	6.85	20.81	22.00	12.35	12.00	46.33	4.13	4.00
11.23	8.17	19.13	20.00	9.40	10.50	48.32	3.75	3.50
10.35	6.09	25.69	25.00	8.33	9.00	44.31	5.23	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7703	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration, Sweetened	Noroton: Davis Grain Co. . . .
7673	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweet	Milford: Milford Grain Co.
7974	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20	Suffield: Spencer Bros. . . .
7651	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20, Sweetened	Branford: S. V. Osborn Estate
7966	St. Albans Grain Co., St. Albans, Vt. Wirthmore, with Beet Pulp, Sweetened	Granby: E. H. Rollins . . .
7725	Syracuse Milling Co., Syracuse, N. Y. Syragold	New Canaan: Clapboard Hill Feed Co.
7967	Syracuse Milling Co., Syracuse, N. Y. Syragold, Sweetened	Granby: E. H. Rollins
6242	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration	Ansonia: A. Hodos & Son
7632	Thomaston Supply Co., Thomaston. Thomaston Dairy	Thomaston: Thomaston Supply Co.
7870	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. E-Gee	Plainville: W. S. Eaton
7745	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Red Brand Ti-O-Ga	Bethel: Morrison & Dunham
6470	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. White Brand Ti-O-Ga	New Milford: Geo. T. Soule

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.65	6.91	26.88	25.00	8.08	8.50	42.85	4.63	4.75
11.90	6.56	18.25	16.00	5.85	8.00	53.04	4.40	4.00
9.65	6.22	22.31	20.00	8.18	8.50	48.56	5.08	5.00
11.83	6.03	21.19	20.00	6.18	8.00	50.09	4.68	4.75
11.40	7.57	21.25	20.00	7.83	11.00	48.15	3.80	4.00
10.25	6.51	24.25	24.00	9.38	12.00	44.91	4.70	4.50
9.45	4.14	25.13	24.00	9.28	12.00	47.80	4.20	4.50
8.95	7.22	20.00	20.00	10.82	12.00	48.56	4.45	4.00
10.75	8.15	22.38	20.00	8.95	9.00	45.67	4.10	5.00
11.15	6.77	22.19	20.00	8.60	10.00	45.66	5.63	3.50
11.65	7.10	25.50	24.00	7.63	10.00	43.42	4.70	4.50
11.18	6.38	20.69	20.00	6.90	10.00	50.48	4.37	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7940	West-Nesbit, Inc., Oneonta, N. Y. Pure Sweetfeed Dairy Ration	Winsted: Chas. R. Hawley
8214	West-Nesbit, Inc., Oneonta, N. Y. Super Pure Feed Dairy Ration	Manchester: Little & McKinney ...
8023	Yantic Grain & Products Co., Norwich. Abington	Abington: Weeks Bros. ...
7971	Yantic Grain & Products Co., Norwich. Big (Y) 24% Dairy Ration	Tariffville: Tariffville Grain Co. ...
7935	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 20%	Hamden: Hamden Grain Co.
7936	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 24%	Hamden: Hamden Grain Co.
	Stock feeds	
8012	E. W. Bailey & Co., Montpelier, Vt. Bailey's Fitting Ration	Lebanon: Berkman Grain Co
7653	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Derby: Derby Feed Store
7844	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga	Bethlehem: A. T. Miner
8247	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration	Groton: C. W. Campbell Co.
7695	Crosby Milling Co., Brattleboro, Vt. Crosby's	So. Norwalk: Roodner Feed Co.
8220	P. Cutler, Inc., Colchester. Prosperity	Colchester: P. Cutler, Inc

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.30	7.27	22.88	20.00	7.88	10.00	47.02	4.65	4.00
8.40	7.33	26.50	24.00	9.18	10.00	43.74	4.85	5.00
9.75	5.71	20.38	20.00	11.25	11.00	49.06	3.85	4.00
10.00	7.02	24.63	24.00	7.83	9.00	45.74	4.78	5.00
11.00	5.12	21.56	20.00	7.55	9.00	49.79	4.98	4.00
10.70	5.47	25.38	24.00	8.15	9.00	45.37	4.93	4.00
9.93	5.65	15.75	14.00	8.20	9.00	55.12	5.35	4.00
10.03	4.11	10.50	9.50	8.78	9.50	61.00	5.58	4.00
11.70	7.16	16.13	15.00	8.55	9.00	52.41	4.05	3.50
8.84	5.51	15.50	14.00	6.03	8.00	58.27	5.85	4.00
9.95	4.54	11.00	9.00	9.12	12.00	59.91	5.48	4.00
9.10	4.62	11.38	9.00	11.10	12.00	58.42	5.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7702	R. G. Davis & Sons, New Haven Davis	Noroton: Davis Grain Co.
6198	Delaware Mills, Inc., Deposit, N. Y. Delaware	Southington: Southington Lumber Co.
8217	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's	Danielson: Young Bros. Co.
7920	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Fitting Ration	Norfolk: W. A. Spaulding
7899	Elmore Milling Co., Oneonta, N. Y. . Elmore	Naugatuck: Naugatuck Fruit & Produce Co.
7900	Elmore Milling Co., Oneonta, N. Y. Elmore Sugared Feedall	Naugatuck: Naugatuck Fruit & Produce Co.
7754	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Fitting Ration	Wallingford: A. E. Hall
7787	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose	New Britain: Wm. Cohen
7795	John W. Eshelman & Sons, Lancaster, Pa. Eshelman S-O-S	New Britain: Wm. Cohen
7842	Flory Milling Co., Inc., Bangor, Pa. Flory's Certified Fitting Ration	New Haven: Moran-Patton Co.
7816	Flory Milling Co., Inc., Bangor, Pa. . Record	New Haven: Moran-Patton Co.
7893	D. H. Grandin Co., Jamestown, N. Y. Grandin's	Portland: Valley Mills
8190	Hales & Hunter Co., Chicago, Ill. H. & H. Sugared	Lebanon: Berkman Grain Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.40	3.91	10.75	10.00	8.84	14.00	60.77	5.33	2.00
9.25	6.30	9.19	9.00	12.32	12.00	60.19	2.75	3.00
9.70	6.12	11.63	10.00	9.88	12.00	59.54	3.13	3.25
11.33	6.30	15.00	12.00	7.40	7.00	55.49	4.48	3.50
8.80	4.85	9.75	10.00	11.85	12.00	59.30	5.45	3.00
9.43	6.58	14.44	10.00	11.58	12.00	54.14	3.83	3.00
9.98	6.44	16.81	12.00	7.07	7.00	55.65	4.05	3.50
9.75	4.21	10.00	9.00	10.15	11.00	61.66	4.23	3.00
13.18	11.26	12.50	11.00	12.98	15.00	47.43	2.65	2.00
11.40	4.38	14.56	12.00	7.30	16.00	56.83	5.53	3.50
10.03	5.60	10.50	9.00	13.48	12.00	56.04	4.35	3.50
9.33	4.48	10.25	8.50	11.70	12.00	58.99	5.25	4.00
10.35	8.45	15.63	10.00	8.05	12.00	52.92	4.60	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6241	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. High Test, Sweetened	Ansonia: A. Hodos & Son ...
8209	Meech & Stoddard, Inc., Middletown. Red Wing	Middletown: Meech & Stoddard, Inc.
7848	Meech & Stoddard, Inc., Middletown. Red Wing Special	Essex: Meech & Stoddard, Inc.
7613	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll
7640	Fred C. Morse & Son, Guilford. Old Mill Fitting Feed	Guilford: Fred C. Morse & Son
8350	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's	Moodus: M. Levine
7863	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's, with Molasses	Middletown: P. Levson & Son
7723	Park & Pollard Co., Inc., Buffalo, N. Y. Bison, Sweetened	Norwalk: Frank Libner & Sons
7719	Park & Pollard Co., Inc., Buffalo, N. Y. Fitting Ration	Norwalk: Frank Libner & Sons
7716	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons
7601	Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed	Southport: C. Buckingham & Co.
7647	Quaker Oats Co., Chicago, Ill. Quaker Sugared Schumacher Feed	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.35	6.19	10.00	9.00	11.42	12.00	58.49	4.55	3.00
9.00	6.03	9.75	9.00	11.68	12.00	59.31	4.23	3.00
10.53	6.55	9.69	9.00	9.70	12.00	58.98	4.55	3.00
10.35	5.59	12.25	9.00	6.30	12.00	59.06	6.45	3.00
12.48	5.76	14.38	12.00	5.77	8.00	57.41	4.20	4.00
7.73	6.28	11.94	9.50	10.70	12.00	58.22	5.13	3.00
10.75	5.20	12.00	9.50	9.80	12.00	58.22	4.03	2.50
11.33	6.78	12.50	10.00	12.19	12.00	54.09	3.11	3.00
11.03	6.31	16.63	12.00	6.74	7.00	55.94	3.35	3.50
9.38	4.78	9.38	8.50	10.13	12.00	61.15	5.18	4.00
8.68	6.62	10.69	10.00	5.52	12.00	64.31	4.18	3.00
10.78	6.39	10.25	10.00	12.30	12.00	56.75	3.53	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8008	Ralston Purina Co., St. Louis, Mo. Purina Bulky Cow Chow	Lebanon: Berkman Grain Co. . .
7708	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow	Stamford: Clapboard Hill Feed Co.
6464	Seymour Grain & Coal Co., Seymour Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.
6235	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia	Ansonia: I. Sovitsky Grain & Coal Co.
6347	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration or Stock Feed	Danbury: F. C. Benjamin
8004	St. Albans Grain Co., St. Albans, Vt. . King	Willimantic: Willimantic Grain Co.
7846	St. Albans Grain Co., St. Albans, Vt. Utility 60 Pasture Ration	Clinton: Clinton Grain Co. . . .
6112	St. Albans Grain Co., St. Albans, Vt. Wirthmore 14 Fitting Ration	Branford: S. V. Osborn Estate
7744	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Danbury: F. C. Benjamin
6322	Syracuse Milling Co., Syracuse, N. Y. Syragold	Kensington: A. S. Labieniec
7926	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Orco Feed	Hawleyville: W. A. Honan
7994	Yantic Grain & Products Co., Norwich. Big (Y) Fitting Ration	Rockville: Rockville Milling Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.18	6.68	21.25	16.00	10.25	12.00	48.04	3.60	3.00
13.35	5.97	15.63	13.50	9.95	12.00	51.15	3.95	2.60
10.35	7.10	14.94	12.00	7.57	8.00	55.06	4.98	4.00
8.80	5.19	10.50	8.00	14.49	12.00	57.14	3.88	2.00
9.30	6.84	13.63	10.00	12.02	12.00	55.08	3.13	3.25
9.08	3.90	10.25	9.00	9.60	10.00	61.84	5.33	4.00
10.78	7.03	14.00	14.00	14.03	13.00	51.01	3.15	3.00
10.95	6.17	16.88	14.00	6.55	7.00	55.10	4.35	4.00
10.10	4.11	10.88	9.00	10.43	9.50	58.40	6.08	4.00
11.70	4.38	9.63	9.00	8.66	12.00	61.30	4.33	3.00
11.73	8.99	19.44	16.00	9.58	12.00	46.31	3.95	3.00
9.98	6.21	14.88	12.00	6.95	7.00	57.75	4.23	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds--(Continued)		
8349	Yantic Grain & Products Co., Norwich. Big (Y)	East Haddam: East Haddam Grain Co.
7956	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Farmington: Farmington Grain Co.
8242	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Jewett City: Big Y Feed Store
Calf feeds and other products		
8161	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed	Bristol: A. J. Bower
6348	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Calf Meal	New Milford: W. L. Richmond
6452	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford's Calf Meal	Middletown: Meech & Stoddard, Inc. . .
7923	Eastern States Farmers Exchange, Spring- field, Mass. . . . Eastern States Calf Ration	Norfolk: W. A. Spaulding
7917	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal	Winsted: Chas. R. Hawley
7838	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Calf Starter	New Britain: Wm. Cohen
7850	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Hog Meal	Chester: Leet Bros.
7699	Larowe Milling Co., Detroit, Mich. Larro Hog Feed	So. Norwalk: Roodner Feed Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
8.15	4.23	10.50	9.00	11.03	12.00	61.29	4.80	4.00
10.13	4.03	8.13	9.00	11.75	12.00	61.98	3.98	4.00
8.40	6.86	9.13	9.00	11.75	12.00	58.58	5.28	4.00
9.95	6.67	17.88	14.00	5.88	7.00	55.99	3.63	3.00
9.48	4.74	25.00	25.00	3.48	6.00	54.02	3.28	3.00
9.10	8.02	24.38	24.00	6.15	6.75	47.45	4.90	5.00
11.48	3.10	12.63	10.50	6.23	7.00	62.18	4.38	3.50
10.80	3.05	24.88	24.00	3.15	4.00	53.62	4.50	4.00
10.05	3.32	23.13	18.00	4.80	5.00	54.15	4.55	3.00
10.63	6.59	17.38	16.00	6.70	10.00	53.65	5.05	5.00
10.53	7.36	19.38	18.00	7.68	10.00	49.85	5.20	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6409	Park & Pollard Co., Inc., Buffalo, N. Y. Milkade Calf Meal	Winsted: Leonard Grain Co.
7980	Quaker Oats Co., Chicago, Ill. Schumacher Calf Meal	Hazardville: Amos D. Bridge's Sons
6433	Ralston Purina Co., St. Louis, Mo. Purina Calf Chow	Willimantic: Willimantic Grain Co.
8015	Ralston Purina Co., St. Louis, Mo. Purina Hog Fatena Chow	Portland: Valley Mills
7765	St. Albans Grain Co., St. Albans, Vt. Wirthmore Calf Meal	Meriden: H. Grulich
6178	St. Albans Grain Co., St. Albans, Vt. Wirthmore Pig and Hog, A Growing and Fattening Feed	Milford: Milford Grain Co
7927	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Calf Food	Hawleyville: W. A. Honan ..
8218	Yantic Grain & Products Co., Norwich. Big (Y) Hog and Pig Ration	Norwich: Yantic Grain & Products Co.
Poultry feeds		
7975	Allied Mills, Inc., Chicago, Ill. Suceene All Mash Poultry Feed with Cod Liver Oil	Suffield: R. J. C. Wetherell ..
6195	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter	Plantsville: C. A. Cowles
7925	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower	Falls Village: H. E. Dean ...

TRANSECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.15	9.00	23.88	20.00	5.85	6.50	42.87	9.25	7.00
8.33	5.07	20.75	18.00	3.25	4.00	55.45	7.15	7.50
9.65	5.51	29.25	27.00	3.68	4.50	48.01	3.90	3.20
11.70	6.82	15.75	14.00	5.63	7.00	56.27	3.83	3.00
10.38	4.81	24.63	24.00	3.88	4.00	50.75	5.55	5.50
11.03	7.45	19.38	17.00	5.59	9.00	51.57	4.98	4.00
10.70	7.11	23.69	21.00	5.33	7.00	48.52	4.65	4.00
9.63	5.75	18.50	17.00	5.75	7.00	54.84	5.53	4.00
10.53	6.42	17.13	15.50	5.65	8.00	55.22	5.05	3.50
9.43	8.20	17.19	16.00	5.31	6.00	53.59	6.28	4.00
10.63	5.74	16.50	15.00	5.00	6.00	56.50	5.63	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7822	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash	Bethlehem: A. T. Miner
7909	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil	Riverton: L. A. Coe
8162	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener	Bristol: A. J. Bower
7824	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed	Bethlehem: A. T. Miner
8160	Allied Mills, Inc., Chicago, Ill. Wayne Special Scratch Feed	Bristol: A. J. Bower
8219	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash	Bristol: A. J. Bower
7835	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Growing Mash	Meriden: Raymond Ives
6315	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Laying Mash	Meriden: Raymond Ives
6317	Arcady Farms Milling Co., Chicago, Ill. Arcady Scratch Grains	Meriden: Raymond Ives
8306	Arcady Farms Milling Co., Chicago, Ill. Wonder Complete Broiler Ration	New Britain: S. P. Stropole ..
7657	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash	Derby: Derby Feed Store
7636	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed	Guilford: F. H. Rolf, Inc. ...

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.08	7.37	18.13	18.00	6.15	7.00	52.14	6.13	3.50
10.10	7.95	18.25	18.00	5.70	7.00	51.91	6.09	3.50
9.58	2.68	15.38	13.50	4.75	6.00	62.16	5.45	4.00
12.23	1.42	10.63	10.00	2.83	5.00	70.74	2.15	2.50
10.78	1.48	10.88	9.00	2.55	4.00	72.31	2.00	2.50
10.65	6.02	16.00	15.00	7.03	6.00	56.67	3.63	3.50
9.88	9.21	16.63	16.00	7.15	10.00	51.69	5.44	4.00
9.78	10.33	20.75	20.00	5.74	9.00	48.12	5.28	4.00
13.13	1.71	11.50	10.00	2.72	5.00	67.84	3.10	2.50
11.45	6.83	18.50	17.00	5.18	5.00	54.39	3.65	5.00
10.68	8.51	22.81	20.00	4.85	6.00	48.10	5.05	5.00
13.78	1.55	11.63	10.00	2.81	6.50	67.30	2.93	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7607	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Broiler Feed	Bridgeport: Herbert C. Ferris
6346	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed	Danbury: C. S. Barnum & Son
6225	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash	Shelton: Shelton Feed Co.
6227	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Cayuga Laying Mash with Butter- milk	Shelton: Shelton Feed Co.
6349	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed	New Milford: W. L. Richmond & Son
7944	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Chick Feed	New Milford: W. L. Richmond & Son
6224	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Complete Starting Ration	Shelton: Shelton Feed Co.
7606	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Duck Growing Mash	Bridgeport: Herbert C. Ferris
6226	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk	Shelton: Shelton Feed Co.
6345	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Growing Mash	Danbury: C. S. Barnum & Son
7608	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Coccidiosis Mash	Bridgeport: Herbert C. Ferris
6343	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Scratch Grains	Danbury: C. S. Barnum & Son

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.63	7.59	16.88	15.00	4.13	6.00	56.17	4.60	4.00
11.88	1.53	10.88	10.00	1.50	5.00	70.53	3.68	2.50
10.68	8.92	16.50	16.00	5.18	7.00	53.94	4.78	4.00
9.68	11.20	21.31	20.00	5.85	7.00	47.23	4.73	4.00
12.68	1.38	12.06	9.00	2.52	5.00	69.08	2.28	2.50
12.03	1.58	11.19	10.00	1.88	3.50	69.64	3.68	2.50
10.70	8.40	18.13	16.50	3.91	6.00	54.51	4.35	4.00
11.13	7.15	18.88	17.00	4.65	7.00	53.21	4.98	4.50
9.53	11.52	21.88	21.00	5.80	7.00	46.52	4.75	4.50
9.58	9.34	18.38	17.00	5.17	7.00	52.83	4.70	4.00
8.98	8.44	18.44	17.00	2.71	5.00	58.83	2.60	1.00
12.60	1.44	12.50	9.00	2.26	3.50	69.20	2.00	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7658	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Turkey Growing Feed	Shelton: Shelton Feed Co.
6135	Ira W. Beers, Hamden. Beer's Laying Mash	Hamden: Ira W. Beers
6137	Ira W. Beers, Hamden. Beer's Scratch Feed	Hamden: Ira W. Beers
6326	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Dry Mash	Norwalk: Frank Libner & Sons
7659	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Scratch Feed	Shelton: Shelton Feed Co.
6249	Bristol Supply Co., Bristol. Bristol Laying Mash	Bristol: Bristol Supply Co. ...
6251	Bristol Supply Co., Bristol. Bristol Scratch	Bristol: Bristol Supply Co. ...
7954	C. Buckingham & Co., Southport. C. B. Scratch Feed	Southport: C. Buckingham & Co.
7828	C. Buckingham & Co., Southport. C. B. Starter	Southport: C. Buckingham & Co.
8249	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Feed	Westerly: C. W. Campbell Co.
8246	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Starter	Groton: C. W. Campbell Co. ...
8248	C. W. Campbell Co., Westerly, R. I. Egg-O-Growing	Westerly: C. W. Campbell Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.28	10.85	16.88	16.00	5.63	7.00	51.36	5.00	4.00
10.45	6.77	21.50	19.00	6.46	7.00	49.54	5.28	5.50
12.83	1.48	11.81	9.00	2.90	4.00	67.95	3.03	3.00
10.65	8.55	23.69	18.00	5.31	8.50	47.45	4.35	3.00
12.65	1.63	10.88	10.00	2.68	5.00	69.11	3.05	1.50
8.98	9.78	20.88	18.00	7.53	10.00	47.93	4.90	4.00
10.90	1.68	12.63	9.00	2.99	6.00	68.97	2.83	2.00
12.18	1.50	10.75	10.00	2.80	3.80	70.37	2.40	2.50
10.40	8.61	19.31	17.00	4.50	5.00	51.80	5.38	4.00
11.43	1.39	11.69	10.00	1.25	5.00	71.56	2.68	2.00
9.05	3.65	15.63	15.00	3.98	5.00	61.99	5.70	4.00
8.68	7.42	21.25	18.00	5.35	8.00	52.25	5.05	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8252	C. W. Campbell Co., Westerly, R. I. Egg-O-Intermediate	Westerly: C. W. Campbell Co.
8316	C. W. Campbell Co., Westerly, R. I. Egg-O-Mash	Groton: C. W. Campbell Co. . .
8243	C. W. Campbell Co., Westerly, R. I. Egg-O-Scratch	Groton: C. W. Campbell Co. . .
7874	Chapin & Co., Hammond, Ind. Ajax Egg Mash	Bristol: C. A. Cowles
6303	Chapin & Co., Hammond, Ind. Ajax Scratch Feed	Bristol: C. A. Cowles
6469	Chapin & Co., Hammond, Ind. Chapin Kernels Grow-All	Danbury: C. S. Barnum & Son
6189	Chapin & Co., Hammond, Ind. Chapin Kernels Lay-All	Plantsville: C. A. Cowles
6190	Chapin & Co., Hammond, Ind. Chapin Kernels Start-All	Plantsville: C. A. Cowles
6188	The Coles Co., Middletown. Fortune Egg Mash, with Dried Buttermilk	Plantsville: Atwater Mills
6298	The Coles Co., Middletown. Fortune Growing Feed	Plantsville: Atwater Mills
6187	The Coles Co., Middletown. Fortune Intermediate Scratch	Plantsville: Atwater Mills
8014	The Coles Co., Middletown. Fortune Scratch Feed	Middletown: The Coles Co. . .

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.28	2.08	11.00	10.00	1.98	4.00	70.41	3.25	2.00
8.48	8.73	21.50	18.00	6.60	8.00	49.21	5.48	2.00
11.25	1.75	10.56	10.00	2.90	5.00	70.99	2.55	2.00
10.45	7.60	18.44	18.00	6.45	7.00	52.01	5.05	3.50
12.20	1.82	12.75	9.00	2.83	5.00	67.82	2.58	2.50
8.30	6.95	19.69	16.00	3.88	5.50	57.25	3.93	3.50
7.85	7.08	19.69	16.00	4.58	5.50	56.25	4.55	3.50
8.65	5.85	17.50	15.00	3.80	4.50	59.72	4.48	3.50
10.68	9.12	20.94	17.00	4.99	9.00	48.47	5.80	3.50
10.33	8.35	17.75	10.00	5.71	8.00	52.48	5.38	1.50
12.18	1.46	10.56	10.00	2.28	3.00	71.02	2.50	5.00
11.20	1.77	11.25	10.00	3.10	5.00	70.25	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6239	G. E. Conkey Co., Cleveland, Ohio. Conkey All Mash Chick Ration with Y-O	Ansonia: A. Hodos & Son
6162	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Chick Grains	New Haven: Frank S. Platt Co.
6243	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O	Ansonia: A. Hodos & Son
6163	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Grains	New Haven: Frank S. Platt Co.
6238	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash	Ansonia: A. Hodos & Son
6160	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with But- termilk and Y-O	New Haven: Frank S. Platt Co.
6240	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains	Ansonia: A. Hodos & Son
6463	G. E. Conkey Co., Cleveland, Ohio. Conkey's Red Seal Laying Mash	Ansonia: A. Hodos & Son
6161	G. E. Conkey Co., Cleveland, Ohio. Conkey's (The Original) Starting Feed with Buttermilk and Y-O	New Haven: Frank S. Platt Co.
6405	C. A. Cowles, Plantsville. C. A. Blue Seal Mash	Plantsville: C. A. Cowles
6406	C. A. Cowles, Plantsville. Cowles' Scratch Feed	Plantsville: C. A. Cowles

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.98	7.15	15.56	15.00	4.03	6.00	56.68	5.60	4.00
12.23	1.64	10.88	9.75	1.28	2.50	71.67	2.30	2.50
9.88	9.97	21.06	20.00	5.14	7.00	47.87	6.08	5.00
12.43	1.48	11.81	10.00	1.65	3.00	69.15	3.48	2.50
9.53	7.60	17.75	18.00	4.84	7.00	55.15	5.13	4.00
10.78	8.31	18.88	18.00	4.55	7.50	51.55	5.93	5.50
12.58	1.36	11.69	9.00	2.45	3.00	69.72	2.20	2.00
10.60	7.09	18.88	18.00	5.21	6.00	52.82	5.40	4.00
15.38	6.80	15.88	15.00	3.33	5.00	52.68	5.93	4.00
8.88	13.91	18.06	18.00	6.12	6.00	48.25	4.78	4.00
12.98	1.68	11.38	10.00	2.78	5.00	68.43	2.75	1.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7977	Crosby Milling Co., Brattleboro, Vt. Crosby's Egg Mash	Thompsonville: John Williams
7700	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed	So. Norwalk: Roodner Feed Co.
8019	P. Cutler, Inc., Colchester. Prosperity Laying Mash	Colchester: P. Cutler, Inc.
8020	P. Cutler, Inc., Colchester. Prosperity Scratch Feed	Colchester: P. Cutler, Inc.
6176	R. G. Davis & Sons, Inc., New Haven. Davis Buttermilk Mash	Milford: Milford Grain Co. ..
7677	R. G. Davis & Sons, Inc., New Haven. Davis Scratch Feed	Milford: Milford Grain Co.
7628	Delaware Mills, Inc., Deposit, N. Y. Brooklawn Special Scratch	Bridgeport: Brooklawn Feed Co.
7629	Delaware Mills, Inc., Deposit, N. Y. Delaware Broiler Mash	Bridgeport: Brooklawn Feed Co.
7602	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Grains	Bridgeport: Brooklawn Feed Co.
6196	Delaware Mills, Inc., Deposit, N. Y. .. Dela- ware Growing Mash (with Dried Milk)	Southington: Southington Lumber & Feed Co.
6197	Delaware Mills, Inc., Deposit, N. Y. Double Circle Scratch Grains	Southington: Southington Lumber & Feed Co.
7679	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash with Dried Milk	Bridgeport: Brooklawn Feed Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.98	8.45	21.75	20.00	4.90	7.00	50.32	4.60	4.00
12.88	1.53	10.44	11.00	2.74	5.00	69.63	2.78	3.00
9.95	6.65	18.50	16.00	6.05	10.00	53.60	5.25	3.00
12.18	1.64	11.13	10.00	2.73	6.00	69.79	2.53	2.00
11.53	6.83	18.75	18.00	5.13	7.00	52.56	5.20	5.00
11.98	1.59	11.19	10.00	2.68	5.00	69.83	2.73	2.00
13.15	1.53	10.94	9.00	2.28	4.00	69.67	2.43	2.50
11.45	7.34	16.81	17.00	5.48	6.00	54.27	4.65	5.00
12.58	1.50	10.94	10.00	1.29	3.00	70.16	3.53	3.00
10.43	8.24	21.44	17.00	5.98	6.00	48.68	5.23	5.00
13.23	1.71	13.31	10.00	2.77	5.00	66.58	2.40	2.50
10.65	10.69	22.13	18.00	5.80	7.00	45.30	5.43	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8255	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Growing Mash	So. Manchester: A. H. Hayes
8030	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Laying Mash	Putnam: Bosworth Bros
8150	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Developing Scratch Feed	Danielson: Young Bros. Co.
8029	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Laying Mash	Putnam: Bosworth Bros
8026	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Scratch Feed	Putnam: Bosworth Bros
8206	Eastern States Farmers' Exchange, Spring- field, Mass. . . Eastern States Broiler Ration	Clinton: A. L. Lockwood
8200	Eastern States Farmers' Exchange, Spring- field, Mass. . . Eastern States Broiler Ration with Cod Liver Oil	Norwich: A. E. Shedd
7941	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Developer	Norfolk: W. A. Spaulding
7945	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Developer with Cod Liver Oil	New Milford: Paul Caldwell
8340	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Egg Mash	Norwich: A. E. Shedd
6305	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Milk Egg Mash with Cod Liver Oil	North Haven: Ridgewood Farm

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
8.70	8.63	19.06	16.00	6.48	8.00	51.85	5.28	4.00
9.33	8.27	20.38	18.00	6.45	8.00	49.54	6.03	3.50
11.60	1.45	11.75	10.00	2.40	3.00	69.67	3.13	3.00
9.70	8.78	21.38	20.00	5.78	7.00	48.01	6.35	5.00
11.78	1.80	11.88	10.00	2.95	4.00	69.11	2.48	3.00
10.00	6.68	17.88	18.50	4.20	5.50	56.51	4.73	4.00
9.40	7.85	19.06	18.50	5.38	5.50	52.38	5.93	4.00
10.35	7.16	19.00	18.50	5.80	6.00	52.99	4.70	4.00
10.18	6.87	18.88	18.50	5.75	6.00	52.72	5.60	4.00
8.70	8.41	19.25	16.50	5.55	6.50	52.71	5.38	4.00
9.80	8.75	17.88	16.50	5.74	6.50	52.18	5.65	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6306	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn	North Haven: Ridgewood Farm
6304	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Starting and Growing Mash with Cod Liver Oil	North Haven: Ridgewood Farm
8188	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Grow	New Milford: Paul Caldwell
8315	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Start	Norwich: A. E. Shedd
6473	Elmore Milling Co., Oneonta, N. Y. Elmore Chick Feed	Willimantic: Windham Grain Store
6420	Elmore Milling Co., Oneonta, N. Y. Elmore Chixsaver	Winsted: Chas. R. Hawley
6421	Elmore Milling Co., Oneonta, N. Y. Elmore Egg Mash	Winsted: Chas. R. Hawley
7978	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Growing Mash	Hazardville: Amos D. Bridge's Sons
6418	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore (Storrs Formula) Laying Mash	Winsted: Chas. R. Hawley
7979	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains	Hazardville: Amos D. Bridge's Sons
7812	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains Junior	Plainville: F. B. Newton

INSPECTION OF 1931—(Continued)

Pounds per hundred

W t r	Ash	Protein (N x 6.25)		Fiber		Nitrogen free extract (starch, gum, etc.)	Fat	
		Fou d	Guaranteed, not less than	Fou d	Guaranteed, not more than		Fou d	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.33	1.68	11.13	10.00	2.89	4.00	68.59	3.38	2.50
9.28	9.09	18.56	16.50	4.60	6.00	53.02	5.45	4.00
9.30	9.07	21.63	20.00	4.48	5.00	49.49	6.03	4.00
8.10	10.27	24.63	24.00	3.85	5.00	47.20	5.95	4.50
13.63	4.29	11.88	10.00	1.55	3.50	65.47	3.18	3.50
11.50	5.51	14.25	14.00	3.50	5.00	59.81	5.43	4.00
10.23	8.68	19.81	18.00	5.22	8.00	49.46	6.60	4.00
9.78	7.95	18.88	17.00	6.48	8.00	51.18	5.73	4.00
11.58	6.09	18.38	18.00	5.18	7.00	53.39	5.38	4.00
9.20	5.82	27.00	25.00	10.18	11.00	43.30	4.50	5.00
10.23	6.03	21.75	20.00	8.73	10.00	48.23	5.03	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6423	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Scratch Feed	Willimantic: Windham Grain Store
7796	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Laying Mash	New Britain: Wm. Cohen
8257	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennsy Scratch Feed	New Britain: Wm. Cohen
6131	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Feed	Hamden: Ira W. Beers
6404	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Starter	New Haven: Moran-Patton Co.
7849	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash	Chester: Leet Bros
7792	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash	New Britain: Wm. Cohen
6171	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash	New Haven: Moran-Patton Co
6133	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Scratch Feed	Hamden: Ira W. Beers
7986	Flory Milling Co. Inc., Bangor, Pa. Flory's Egg Mash	Hartford: H. L. Solloway
7815	Flory Milling Co. Inc., Bangor, Pa. Flory's Scratch Feed	New Haven: Moran-Patton Co
7813	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Laying Mash	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
14.73	1.42	11.38	10.00	3.45	7.00	66.24	2.78	3.50
10.55	9.65	18.69	16.50	6.03	6.50	49.00	6.08	4.00
10.75	1.77	10.88	9.00	2.60	4.00	71.12	2.88	2.50
11.78	1.52	12.38	10.00	1.67	3.00	69.40	3.25	3.00
6.98	5.58	17.75	15.00	4.43	6.00	60.13	5.13	4.00
10.83	5.50	15.63	14.00	3.58	5.00	59.51	4.95	4.00
10.90	6.21	18.13	16.00	6.50	7.00	52.13	6.13	4.00
10.45	8.55	21.38	20.00	6.63	7.00	46.61	6.38	5.00
12.08	1.62	11.81	10.00	2.75	4.00	69.11	2.63	2.50
9.35	8.54	21.56	20.00	5.95	6.00	49.75	4.85	4.50
13.13	1.56	9.63	9.00	2.55	4.00	70.68	2.45	2.50
10.38	7.13	21.25	20.00	5.83	7.00	49.98	5.43	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7843	Flory Milling Co. Inc., Bangor, Pa. Sunray Scratch Feed	New Haven: Moran-Patton Co.
8346	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash	No. Grosvenordale: Thompson Grain Co.
8345	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash	No. Grosvenordale: Thompson Grain Co.
8347	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed	No. Grosvenordale: Thompson Grain Co.
8003	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Chick Ration	So. Coventry: E. W. Latimer
6468	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Egg Mash for Breeding and Laying	Norwalk: Frank Libner & Sons
6456	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Feed	Manchester: O. E. Bailey
8193	D. H. Grandin Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk	Warrenville: Ashford Co- operative Assoc.
6455	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk—Cod Liver Oil	Manchester: O. E. Bailey
6457	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Complete Starting Ration with Buttermilk—Cod Liver Oil	Manchester: O. E. Bailey
6459	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk	Manchester: O. E. Bailey

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
13.05	1.44	10.06	9.00	1.98	5.00	71.17	2.30	2.50
7.83	11.89	19.56	14.00	3.60	8.00	51.44	5.68	4.00
7.55	15.08	22.75	20.00	4.73	8.00	44.31	5.58	4.00
10.95	1.88	10.69	8.00	3.70	5.00	69.78	3.00	2.00
9.78	8.04	18.13	17.00	4.35	5.00	54.90	4.80	4.00
9.43	8.94	22.00	20.00	6.28	7.00	47.75	5.60	5.50
11.75	1.37	11.25	10.00	1.54	5.00	70.94	3.15	2.50
10.08	4.72	15.56	14.00	3.95	5.00	60.39	5.30	4.00
9.90	4.98	14.94	14.00	3.46	5.00	61.49	5.23	4.00
10.53	7.87	17.56	16.00	3.13	6.00	56.01	4.90	4.00
8.80	11.14	15.69	15.00	5.66	8.00	53.73	4.98	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6458	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Intermediate Chick Feed	Manchester: O. E. Bailey
6460	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk	Manchester: O. E. Bailey
6461	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Screened Scratch Feed	Manchester: O. E. Bailey
8256	Great Atlantic & Pacific Tea Co., New York City. Daily Egg Mash Feed	So. Manchester: Great Atlantic & Pacific Tea Co.
8260	Great Atlantic & Pacific Tea Co., New York City. Daily Egg Scratch Feed	Burnside: Great Atlantic & Pacific Tea Co.
6403	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk	Guilford: Fred C. Morse & Son
6297	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Grower	Guilford: Fred C. Morse & Son
6296	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Starter with Dried Buttermilk	Guilford: Fred C. Morse & Son
6127	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk	Guilford: Fred C. Morse & Son
6308	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk ...	Wallingford: A. E. Hall
6136	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed, No Grit	Hamden: Ira W. Beers
6320	A. S. Labieniec, Kensington. Reliable Laying Mash	Kensington: A. S. Labieniec

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
12.90	1.35	11.81	10.00	2.07	5.00	68.92	2.95	2.50
9.00	10.82	21.81	20.00	5.56	8.00	47.66	5.15	4.00
12.80	1.71	12.06	10.00	3.13	5.00	67.47	2.83	2.50
8.80	11.13	22.06	20.00	5.68	7.00	47.60	4.73	4.50
10.65	1.55	10.94	10.00	2.85	5.50	70.78	3.23	2.50
7.53	9.09	18.75	15.00	4.94	5.00	55.09	4.60	4.00
8.95	8.23	18.88	18.00	6.68	7.00	52.46	4.80	3.50
9.45	6.43	16.88	18.00	4.00	6.00	58.56	4.68	3.00
9.33	9.64	20.63	18.00	5.68	7.00	48.79	5.93	4.00
8.80	10.53	15.56	15.00	6.15	6.00	54.46	4.50	4.00
12.58	1.43	12.06	10.00	2.53	5.00	68.97	2.43	2.50
9.80	10.95	20.25	19.00	5.76	8.00	48.46	4.78	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6314	Laden Bros. Co. Inc., Wallingford. Laden's Baby Chick Starter	Wallingford: Laden Bros. Co. Inc.
6310	Laden Bros. Co. Inc., Wallingford. Laden's Growing Mash	Wallingford: Laden Bros. Co. Inc.
6311	Laden Bros. Co. Inc., Wallingford. Laden's Laying Mash	Wallingford: Laden Bros. Co. Inc.
7959	Larrowe Milling Co., Detroit, Mich. Larro Broiler Feed	Unionville: Lawton Miner Co.
6327	Larrowe Milling Co., Detroit, Mich. Larro Chick Grains	So. Norwalk: Roodner Feed Co.
6117	Larrowe Milling Co., Detroit, Mich. Larro Chick Starter	Branford: S. V. Osborn Estate
6329	Larrowe Milling Co., Detroit, Mich. Larro Egg Mash	So. Norwalk: Roodner Feed Co.
6328	Larrowe Milling Co., Detroit, Mich. Larro Growing Grains	So. Norwalk: Roodner Feed Co.
6199	Larrowe Milling Co., Detroit, Mich. Larro Growing Mash	Plainville: W. S. Eaton
7802	Larrowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed	Plantsville: C. A. Cowles
8236	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Adult Mash	Hazardville: Amos D. Bridge's Sons
7960	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Developer	Unionville: Lawton Miner Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.75	8.13	18.25	17.50	4.74	5.00	53.78	5.35	5.00
9.85	5.87	18.13	17.00	4.74	5.00	55.86	5.55	5.50
9.85	7.89	20.00	18.00	5.30	5.00	51.73	5.23	5.00
10.93	9.13	16.81	15.00	5.98	7.00	52.45	4.70	4.50
12.08	1.26	12.25	10.00	1.69	3.50	69.99	2.73	2.00
9.20	7.86	18.13	16.50	4.80	5.00	54.73	5.28	4.50
9.13	10.64	20.13	19.00	5.84	7.50	48.46	5.80	5.00
11.60	1.38	10.25	10.00	2.15	3.50	71.72	2.90	2.00
9.05	8.58	18.56	16.00	5.67	6.50	52.04	6.10	4.50
10.40	7.71	15.63	14.00	6.03	7.50	55.50	4.73	4.00
9.60	9.25	18.63	16.00	6.18	7.50	51.19	5.15	4.50
10.35	8.36	17.63	16.50	6.35	7.00	52.16	5.15	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7961	Larowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Starter	Unionville: Lawton Miner Co.
7785	C. W. Lines Co., New Britain. Homestead Dry Mash	New Britain: C. W. Lines Co.
8259	C. W. Lines Co., New Britain. Homestead Scratch Feed	New Britain: C. W. Lines Co.
7783	C. W. Lines Co., New Britain. Mill Pride Fancy Scratch Feed	New Britain: C. W. Lines Co.
7784	C. W. Lines Co., New Britain. Mill Pride Milk Mash	New Britain: C. W. Lines Co.
7952	Long Hill Feed Store, Long Hill. Square Deal Buttermilk Laying Mash	Long Hill: Long Hill Feed Store
6414	E. Manchester & Sons, Winsted. Huntington Red Star Egg Mash	Winsted: E. Manchester & Sons
6412	E. Manchester & Sons, Winsted. Red Star Egg Mash	Winsted: E. Manchester & Sons
6416	E. Manchester & Sons, Winsted. Red Star Scratch Feed	Winsted: E. Manchester & Sons
6413	E. Manchester & Sons, Winsted. Red Star Starting Mash	Winsted: E. Manchester & Sons
7964	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. Daisy Egg Mash with Dried Butter- milk	Collinsville: Rourke-Robotham, Inc.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.48	6.58	18.13	17.00	5.40	6.50	54.58	4.83	4.50
10.25	11.42	20.88	18.00	6.20	7.00	45.92	5.33	4.00
10.58	1.51	10.56	9.00	2.33	5.00	72.27	2.75	2.50
12.45	1.57	10.75	10.00	2.63	5.00	70.20	2.40	3.00
10.03	11.40	20.50	18.00	5.35	7.50	48.44	4.28	5.00
9.38	11.09	22.13	20.00	6.88	7.00	45.02	5.50	5.00
9.58	9.53	18.44	13.00	7.18	6.00	49.47	5.80	4.00
8.73	13.48	19.81	18.00	5.61	8.00	46.92	5.45	4.00
12.53	1.62	12.63	9.00	3.40	6.00	67.24	2.58	2.00
9.33	9.24	19.00	15.00	6.14	7.00	50.51	5.78	4.00
10.20	1.48	18.75	18.00	6.55	7.00	58.07	4.95	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7989	Maritime Milling Co. Inc., Buffalo, N. Y. Vitimized B. B. Daisy Egg Mash and Cod Liver Oil	Glastonbury: Stanley Melzen
7948	Maritime Milling Co., Inc., Buffalo, N. Y. Vitimized Bull Brand Growing Mash	Brookfield: S. A. Smith
7965	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand Scratch Feed	Collinsville: Rourke-Robotham, Inc.
8210	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Chick Starter	Middletown: Meech & Stoddard, Inc.
8211	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Growing Feed	Middletown: Meech & Stoddard, Inc.
7769	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Laying Mash . . .	Meriden: Meriden Grain & Coal Co.
7767	Meech & Stoddard, Inc., Middletown. Red Wing Special Chick Feed	Meriden: Meriden Grain & Coal Co.
7770	Meech & Stoddard, Inc., Middletown. Red Wing Special Intermediate Chick Feed	Meriden: Meriden Grain & Coal Co.
8207	Meech & Stoddard, Inc., Middletown. Red Wing Scratch Feed	Essex: Meech & Stoddard, Inc.
7766	Meech & Stoddard, Inc., Middletown. Red Wing Special Scratch Feed	Meriden: Meriden Grain & Coal Co.
7867	Mennel Milling Co., Toledo, Ohio. Mennel's Scratch Grains for Poultry, No Grit	Plainville: W. S. Eaton

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.78	8.05	18.88	18.00	6.53	7.00	51.86	4.90	3.50
10.63	6.78	16.25	17.00	5.43	7.00	54.78	6.13	4.50
12.10	6.14	10.63	10.00	2.65	4.00	66.20	2.28	2.50
8.80	10.56	17.50	13.00	5.18	5.00	53.00	4.96	4.00
8.58	10.39	18.50	17.00	7.40	8.00	49.63	5.50	5.50
10.00	11.51	18.88	17.00	7.08	8.00	46.85	5.68	5.50
12.75	1.95	12.50	10.00	2.48	5.00	66.12	4.20	3.00
13.63	1.54	10.00	10.00	2.58	5.00	69.72	2.53	3.00
12.15	1.43	10.44	10.00	2.28	5.00	71.17	2.53	3.00
13.85	1.50	10.00	10.00	3.14	5.00	69.11	2.40	3.00
12.98	1.70	10.50	10.00	3.45	5.00	68.58	2.79	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6223	Mennel Milling Co., Toledo, Ohio. Memo Egg Mash	Plainville: W. S. Eaton
7854	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Growing Mash	Higganum: Felix Petrofsky ..
7855	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Laying Mash with Dried Butter- milk	Higganum: Felix Petrofsky ..
6422	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Special A Laying Mash with Dried Buttermilk	Willimantic: Windham Grain Store
6424	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Scratch Feed	Willimantic: Windham Grain Store
6172	Moran-Patton Co., New Haven. C. B. Mash	New Haven: Moran-Patton Co.
7637	Fred C. Morse & Son, Guilford. Old Mill Growing Mash	Guilford: Fred C. Morse & Son
6126	Fred C. Morse & Son, Guilford. Old Mill Laying Mash	Guilford: Fred C. Morse & Son
6125	Fred C. Morse & Son, Guilford. Old Mill Laying Mash with Milk	Guilford: Fred C. Morse & Son
6130	Fred C. Morse & Son, Guilford. Old Mill Scratch Feed	Guilford: Fred C. Morse & Son
6128	Fred C. Morse & Son, Guilford. Old Mill Starting and Growing Mash	Guilford: Fred C. Morse & Son
8263	Nowak Milling Corp., Hammond, Ind. Domino Developing Feed	Sharon: Frank A. Wike & Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.45	8.60	17.50	17.00	6.68	8.00	51.67	5.10	4.50
10.05	13.83	16.75	17.00	4.63	7.00	50.74	4.00	4.00
9.95	13.42	20.25	20.00	5.33	9.00	46.30	4.75	4.00
9.08	13.16	20.06	18.00	6.41	9.00	45.69	5.60	5.00
12.38	1.50	12.63	10.00	3.09	5.00	67.90	2.50	2.00
10.75	7.81	20.50	18.00	8.44	7.00	47.62	4.88	4.00
10.50	8.50	16.88	15.00	5.29	6.00	53.15	5.68	5.00
9.78	10.60	21.38	19.00	6.33	8.00	46.58	5.33	4.50
9.50	10.31	22.38	20.00	6.05	8.00	46.88	4.88	5.00
12.33	1.50	11.50	10.00	2.29	4.00	69.25	3.13	2.50
10.05	8.76	18.38	16.00	3.55	3.50	53.83	5.43	4.50
10.98	1.87	11.44	10.00	2.33	4.00	69.75	3.63	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7674	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets	Milford: Milford Grain Co. . .
8262	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Buttermilk	Sharon: Frank A. Wike & Co.
8261	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed	Sharon: Frank A. Wike & Co.
6316	Ontario Milling Co. Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Buttermilk	Meriden: Raymond Ives
6475	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Butter- milk and Cod Liver Oil	Middletown: P. Levson & Son
7866	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil	Middletown: P. Levson & Son
7865	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Scratch Feed	Middletown: P. Levson & Son
6474	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Egg Mash with Dried Buttermilk	Middletown: P. Levson & Son
8343	Ontario Milling Co. Inc., Oswego, N. Y. Sunshine Scratch Feed	Middletown: P. Levson & Son
6114	S. V. Osborn Estate, Branford. Osborn Mash	Branford: S. V. Osborn Estate
6121	S. V. Osborn Estate, Branford. Osborn Scratch	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.70	8.85	20.88	20.00	6.78	7.50	48.14	5.65	4.50
7.80	12.14	20.19	20.00	5.35	7.50	48.74	5.78	4.50
10.58	1.35	11.00	10.00	2.13	4.00	72.76	2.18	2.00
9.30	11.68	21.88	19.00	5.84	8.50	45.22	6.08	4.00
9.60	12.79	20.44	19.00	5.68	8.50	45.54	5.95	4.00
10.00	8.73	18.75	17.00	6.05	8.00	50.29	6.18	4.00
12.35	1.48	11.00	10.00	2.48	5.00	70.16	2.53	2.50
10.28	8.64	19.00	18.00	6.15	8.50	50.43	5.50	4.00
11.28	1.42	10.75	10.00	2.48	5.00	70.89	3.18	2.50
10.50	5.52	13.50	12.00	7.08	8.00	59.62	3.78	3.00
12.78	1.53	11.13	10.00	3.07	5.00	68.36	3.13	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

State	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6152	Park & Pollard Co., Inc., Buffalo, N. Y. All-In-One Starting Feed	Waterbury: Spencer Grain Co.
6149	Park & Pollard Co., Inc., Buffalo, N. Y. Growing Feed	West Cheshire: Cheshire Grain & Coal Co.
6153	Park & Pollard Co., Inc., Buffalo, N. Y. Intermediate Chick Feed	Waterbury: Spencer Grain Co.
6150	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash	Waterbury: Spencer Grain Co.
8241	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil	Danielson: Kennedy Corp. Inc.
7895	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard Broiler Ration	Waterbury: Spencer Grain Co.
6408	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Scratch	Winsted: Leonard Grain Co. . .
6141	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Starter	West Cheshire: Cheshire Grain & Coal Co.
7896	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Grower	Waterbury: Spencer Grain Co.
8201	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Starter	Norwich: A. E. Shedd
6342	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Chick Feed	Danbury: C. S. Barnum & Son
6140	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Scratch Feed	West Cheshire: Cheshire Grain & Coal Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.25	6.62	16.56	15.00	3.82	5.00	58.75	4.00	3.50
10.73	7.20	16.88	14.00	5.89	7.00	54.87	4.43	3.00
11.00	1.34	11.31	10.00	2.04	3.50	71.68	2.63	3.00
11.65	8.51	18.13	18.00	5.62	7.00	51.51	4.58	3.00
9.33	9.28	20.50	18.00	5.20	7.00	50.99	4.70	3.00
10.13	7.96	18.25	16.00	5.70	5.00	54.46	3.50	3.50
12.33	1.60	12.38	10.00	1.83	3.00	68.91	2.95	3.00
10.08	7.18	18.38	17.00	3.18	5.00	56.55	4.63	3.50
9.78	7.18	17.13	15.00	6.53	7.00	54.85	4.53	3.00
9.43	7.39	19.63	17.00	4.85	5.00	53.95	4.75	3.50
12.75	1.52	11.13	10.00	1.82	3.50	69.75	3.03	3.00
12.90	1.52	11.50	10.00	2.53	5.00	68.07	3.48	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
8203	Frank S. Platt Co., New Haven. Platco Laying Mash	New Haven: Frank S. Platt Co.
6168	Frank S. Platt Co., New Haven. Platco Perfection Grain Mixture	New Haven: Frank S. Platt Co.
6407	Pratt Food Co., Hammond, Ind. . Pratt's All Mash Starter and Grower with Buttermilk	Bristol: Bristol Supply Co
6248	Pratt Food Co., Hammond, Ind. Pratt's Baby Chick Food with Buttermilk	Bristol: Bristol Supply Co. . .
6325	Pratt Food Co., Hammond, Ind. Pratt's Broiler Mash with Buttermilk	Norwalk: Frank Libner & Sons
7717	Pratt Food Co., Hammond, Ind. Pratt's Circle A Large Scratch Feed	Norwalk: Frank Libner & Sons
6302	Pratt Food Co., Hammond, Ind. Pratt's Growing Mash with Buttermilk	Bristol: Bristol Supply Co
6324	Pratt Food Co., Hammond, Ind. Pratt's Intermediate Scratch Feed	Norwalk: Frank Libner & Sons
6247	Pratt Food Co., Hammond, Ind. Pratt's Laying Mash with Buttermilk	Bristol: Bristol Supply Co. . .
6253	Pratt Food Co., Hammond, Ind. Pratt's Large Scratch Feed	Bristol: Bristol Supply Co
6453	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Laying Mash	Manchester: Little & McKinney
7984	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Feed	East Hartford: Stowe & Rondeau

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.73	6.20	21.88	20.00	4.68	7.00	51.58	5.93	5.50
13.25	1.52	12.31	10.00	3.68	3.50	66.29	2.95	3.00
10.60	7.23	17.56	16.00	3.69	5.50	56.37	4.55	4.00
10.10	9.74	16.38	16.00	3.31	4.00	55.92	4.55	3.50
10.65	9.50	18.88	16.50	4.24	6.00	52.00	4.73	4.50
12.38	1.59	10.25	10.00	2.94	4.00	70.06	2.78	2.00
8.53	11.39	19.00	17.50	6.22	7.00	49.36	5.50	4.50
12.85	1.40	12.50	10.00	2.12	4.00	68.33	2.80	2.00
8.80	9.37	22.13	20.00	6.68	6.75	47.52	5.50	4.00
12.18	1.42	12.00	10.00	2.34	4.00	69.23	2.83	2.00
10.38	8.93	20.81	20.00	5.68	8.00	50.02	4.18	4.00
12.20	1.53	11.00	10.00	2.50	5.00	70.24	2.53	1.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7992	Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed	Rockville: Rockville Grain & Coal Co.
6344	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Danbury: C. S. Barnum & Son
7993	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Rockville: Rockville Grain & Coal Co.
6341	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash	Danbury: C. S. Barnum & Son
6194	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Growing Mash	Plantsville: C. A. Cowles
7821	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Scratch Grains	Watertown: Watertown Co-op. Assoc.
7701	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Station Grade Fattening Feed	Noroton: Davis Grain Co.
6448	Quaker Oats Co., Chicago, Ill. Schumacher Little Chick Feed—No Grit	Rockville: Rockville Grain & Coal Co.
7747	Quaker Oats Co., Chicago, Ill. Schumacher Scratch Grains, No Grit	Bethel: Morrison & Dunham ..
8153	Ralston Purina Co., St. Louis, Mo. Fine Ground Poultry Alfalfa Meal	Danielson: Kennedy Corp. Inc.
7705	Ralston Purina Co., St. Louis, Mo. Protena Scratch Feed (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
6175	Ralston Purina Co., St. Louis, Mo. Purina All Mash Startena Chow contain- ing Mineral	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.73	1.39	10.63	9.50	2.43	3.50	71.97	2.85	2.00
8.23	6.71	18.75	17.00	5.80	7.00	54.46	6.05	5.00
8.90	7.55	16.75	17.00	6.53	7.00	54.97	5.30	5.00
8.00	10.52	21.75	20.00	6.34	8.00	47.86	5.53	4.00
8.50	9.80	20.19	19.00	5.44	6.00	50.99	5.08	5.00
11.90	1.46	10.44	9.00	2.63	3.50	70.22	3.35	2.00
10.65	3.20	13.69	12.50	3.88	5.00	63.50	5.08	4.50
11.78	1.35	10.13	10.00	2.11	2.00	72.08	2.55	2.00
11.45	1.53	11.81	10.00	2.65	3.50	69.81	2.75	2.00
9.05	9.66	16.50	17.00	24.38	25.00	38.52	1.89	1.60
12.53	1.73	11.88	9.50	3.58	4.00	67.93	2.35	2.00
10.85	7.10	20.25	18.00	4.10	7.00	52.37	5.33	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6451	Ralston Purina Co., St. Louis, Mo. Purina Breeder Egg Chowder containing Mineral	Rockville: Rockville Grain & Coal Co.
6338	Ralston Purina Co., St. Louis, Mo. Purina Chick Chow	Stamford: Clapboard Hill Feed Co.
6173	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow containing Mineral	New Haven: Moran-Patton Co.
6169	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow containing Mineral	New Haven: Moran-Patton Co.
6170	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow containing Mineral	New Haven: Moran-Patton Co.
6339	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder containing Mineral	Stamford: Clapboard Hill Feed Co.
7727	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow	New Canaan: Clapboard Hill Feed Co.
7611	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow	Stratford: Farmers Flour & Grain Co.
6174	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow containing Mineral	New Haven: Moran-Patton Co.
6340	Ralston Purina Co., St. Louis, Mo. Purina Pig Chow	Stamford: Clapboard Hill Feed Co.
7669	Wolf Savitsky, Shelton. Wolf's Egg Mash	Shelton: Wolf Savitsky

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.93	10.16	21.00	19.00	6.87	8.00	47.11	4.93	3.50
12.50	2.05	11.25	10.00	2.46	4.00	69.06	2.68	2.00
10.20	3.98	14.00	12.00	5.67	6.60	61.60	4.55	3.00
9.75	7.05	17.13	16.30	6.13	7.00	54.94	5.00	3.50
10.05	9.14	22.38	19.00	5.11	7.00	47.69	5.63	4.00
10.25	9.77	21.13	19.00	7.38	8.00	46.54	4.93	3.50
12.63	1.64	11.00	10.00	3.88	4.00	67.35	3.50	2.50
12.00	1.84	11.00	10.00	1.99	4.00	70.07	3.10	2.50
11.93	8.73	18.75	17.00	6.43	8.00	49.73	4.43	2.50
11.15	10.22	27.75	25.00	7.79	8.00	38.96	4.13	3.20
10.93	8.73	21.13	18.00	6.08	7.00	48.15	4.98	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7670	Wolf Savitsky, Shelton. Wolf's Scratch Feed	Shelton: Wolf Savitsky
7681	Seymour Grain & Coal Co., Seymour. Miracle Chick Grower	Seymour: Seymour Grain & Coal Co.
6465	Seymour Grain & Coal Co., Seymour. Miracle Chick Starter	Seymour: Seymour Grain & Coal Co.
7818	Seymour Grain & Coal Co., Seymour. Miracle Laying Mash	Seymour: Seymour Grain & Coal Co.
6466	Seymour Grain & Coal Co., Seymour. See More Egg Scratch Feed	Seymour: Seymour Grain & Coal Co.
6228	Shelton Feed Co., Shelton Nelson Mixed Chicken Feed	Shelton: Shelton Feed Co.
6232	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Egg Mash with Buttermilk	Ansonia: I. Sovitsky Grain & Coal Co.
6237	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Scratch Feed	Ansonia: I. Sovitsky Grain & Coal Co.
8309	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Intermediate Chick Feed	Stepney: M. Nusbaum
8310	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Scratch Grains	Stepney: M. Nusbaum
6425	St. Albans Grain Co., St. Albans, Vt. King Chick Feed	Willimantic: Willimantic Grain Co.
8202	St. Albans Grain Co., St. Albans, Vt. King Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil . .	Norwich: Norwich Grain Co. . .

INSPECTION OF 1931—(Continued)

Analyses

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Water		Ash		Food		Protein (N x 6.25)		Fiber	Nitrogen-free extract (starch, gum, etc.)	Pat	Guaranteed, not less than	
Pounds per hundred		Pounds per hundred		Pounds per hundred		Pounds per hundred		Pounds	Pounds	Pounds	Pounds	
9.88	11.70	11.83	11.58	12.83	9.10	14.08	12.05	10.20	8.98	10.55	12.75	%
6.88	1.33	1.36	1.79	1.49	9.91	1.39	1.66	10.42	9.08	11.63	1.47	%
18.50	12.50	11.25	11.75	12.38	21.25	10.69	12.44	16.94	18.75	18.44	11.00	%
16.50	10.00	10.00	10.00	9.00	20.00	10.00	10.00	16.50	16.00	16.00	13.00	%
3.88	1.86	2.05	1.70	2.55	4.20	2.48	3.21	5.88	4.40	3.63	2.25	%
5.00	4.00	5.00	5.00	4.00	6.00	5.00	6.00	6.50	6.00	6.00	4.00	%
54.11	70.08	71.13	69.48	67.75	50.14	68.38	68.09	52.11	54.31	51.42	69.70	%
6.75	2.53	2.38	3.70	3.00	5.40	2.98	2.55	4.45	4.48	4.33	2.83	%
4.00	2.50	2.50	2.50	2.00	6.00	1.50	3.00	4.00	4.00	4.00	3.00	%

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
	St. Albans Grain Co., St. Albans, Vt. King Growing Feed containing Buttermilk	Willimantic: Willimantic Grain Co.
6431	St. Albans Grain Co., St. Albans, Vt. King Intermediate Chick Feed	Willimantic: Willimantic Grain Co.
6426	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Buttermilk	Willimantic: Willimantic Grain Co.
8007	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Cod Liver Oil —Buttermilk	Willimantic: Willimantic Grain Co.
6427	St. Albans Grain Co., St. Albans, Vt. King Scratch Feed	Willimantic: Willimantic Grain Co.
6318	St. Albans Grain Co., St. Albans, Vt. Paragon Scratch Feed	Meriden: H. Grulich
5	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil	Branford: S. V. Osborn Estate
1	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Broilers with Cod Liver Oil	Branford: S. V. Osborn Estate
7887	St. Albans Grain Co., St. Albans, Vt. Wirthmore Duck Growing Feed	New Haven: R. G. Davis & Son
6119	St. Albans Grain Co., St. Albans, Vt. Wirthmore Gritless Chick Feed (Fine Chick Scratch)	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.38	7.24	18.19	15.00	5.70	6.00	53.14	5.35	4.00
12.45	1.37	12.00	10.00	1.90	3.50	69.48	2.80	2.50
10.45	9.81	21.88	19.50	5.59	7.50	47.57	4.70	4.00
10.15	9.08	22.00	19.50	4.70	7.50	48.82	5.25	4.00
12.13	1.69	11.94	10.00	2.64	5.50	68.72	2.88	2.50
12.48	1.85	12.63	10.00	2.58	5.00	67.76	2.70	2.50
10.55	6.43	18.06	17.00	3.53	5.00	56.48	4.95	4.00
10.43	7.04	17.00	16.50	4.78	4.50	54.87	5.88	4.00
10.53	7.50	18.75	17.50	4.68	4.50	53.36	5.18	4.00
12.48	1.30	12.19	10.00	1.74	3.50	69.86	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6116	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed containing Buttermilk	Branford: S. V. Osborn Estate
6185	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed Containing Cod Liver Oil—Buttermilk	Southport: C. Buckingham & Co.
6319	St. Albans Grain Co., St. Albans, Vt. Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)	Meriden: H. Grulich
6132	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash with Buttermilk	Hamden: Ira W. Beers
6118	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Cod Liver Oil—Buttermilk	Branford: S. V. Osborn Estate
6134	St. Albans Grain Co., St. Albans, Vt. Wirthmore Scratch Feed	Hamden: Ira W. Beers
7596	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed	Southport: C. Buckingham & Co.
8204	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed	New Haven: R. G. Davis & Sons
8158	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Starter with Cod Liver Meal and Buttermilk	Norwich: Yantic Grain & Products Co.
7663	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Feed	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.60	6.26	16.50	15.00	4.48	6.00	56.23	4.93	4.50
15.98	7.31	17.13	15.00	5.53	6.00	48.47	5.58	4.50
12.80	1.31	11.00	10.00	1.90	3.50	70.16	2.83	2.50
10.50	9.48	20.25	20.00	4.95	7.00	50.19	4.63	4.00
9.83	9.15	21.63	20.00	5.23	7.00	49.26	4.90	4.00
12.35	1.47	12.50	10.00	2.58	4.00	68.65	2.45	2.50
11.73	6.85	15.75	18.00	4.85	6.00	56.22	4.60	4.50
10.63	7.00	17.06	18.00	5.43	6.00	54.85	5.03	4.50
9.08	8.01	18.56	20.00	4.90	5.00	54.00	5.45	4.50
13.18	1.53	12.19	10.00	1.68	5.00	68.24	3.18	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Starter	Saugatuck: Saugatuck Grain Co.
	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash	Bridgeport: Brooklawn Grain & Feed Co.
6182	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash	Bridgeport: Brooklawn Grain & Feed Co.
7609	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Buttermilk	East Bridgeport: J. Simons
6321	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains	Kensington: A. S. Labieniec ..
6158	Thomaston Supply Co., Thomaston. Thomaston Egg Mash	Thomaston: Thomaston Supply Co.
6157	Thomaston Supply Co., Thomaston. Thomaston Scratch	Thomaston: Thomaston Supply Co.
7949	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Broilertine	Hawleyville: W. A. Honan
7928	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine	Hawleyville: W. A. Honan ...
6301	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine with Cod Liver Oil	Bristol: Bristol Supply Co. ...
7229	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Chick Grains	Hawleyville: W. A. Honan ...
6252	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Scratch Feed	Bristol: Bristol Supply Co. ...

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
10.98	7.26	22.13	18.00	4.50	4.00	50.10	5.03	3.50
10.45	6.86	20.13	18.00	6.13	8.00	51.28	5.15	3.00
10.23	8.40	18.13	16.00	3.95	7.00	54.27	5.02	4.00
9.90	9.94	18.44	18.00	7.80	9.00	49.17	4.75	3.00
12.85	1.74	12.25	10.00	2.35	5.00	68.16	2.65	2.50
9.25	13.51	19.75	20.00	6.95	7.00	45.54	5.00	4.50
12.68	1.63	12.06	10.00	2.95	5.00	67.48	3.20	3.00
10.90	5.28	16.63	14.50	4.84	6.00	58.05	4.30	3.00
10.15	7.17	21.13	18.00	5.63	6.00	50.72	5.20	3.00
9.88	7.37	21.13	18.00	5.26	6.00	50.91	5.45	3.00
11.85	1.68	11.19	10.00	1.80	3.50	69.50	3.98	3.00
11.98	1.63	12.88	9.00	2.60	4.50	68.28	2.63	2.04

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6300	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine	Bristol: Bristol Supply Co.
8235	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine, with Cod Liver Oil	Hawleyville: W. A. Honan
7962	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine Full Feed Pellets	Unionville: Lawton Miner Co.
7932	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Chick and Growing Mash	Plainville: W. S. Eaton
6299	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Laying Food	Bristol: Bristol Supply Co.
6353	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Neverfail Chick Grains	Torrington: Litchfield County Co-op. Assoc.
7623	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Neverfail Growing Grains	Torrington: Litchfield County Co-op. Assoc.
6352	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Neverfail Poultry Grains	Torrington: Litchfield County Co-op. Assoc.
8212	F. S. Wertz & Son, Reading, Pa. Mixed Grains Intermediate for Poultry	Long Hill: Long Hill Feed Store
7938	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Maker	Naugatuck: Naugatuck Fruit & Produce Co.
8213	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Mash	Manchester: Little & McKinney
7939	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Scratch Grains	Naugatuck: Naugatuck Fruit & Produce Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.28	8.22	26.38	23.00	5.65	6.00	45.19	5.28	3.00
9.45	7.65	25.88	23.00	5.23	6.00	47.01	4.78	3.00
10.33	7.40	19.88	17.00	5.13	6.00	51.96	5.30	3.50
10.78	6.22	18.13	16.00	5.95	6.00	54.42	4.50	3.00
9.90	6.69	21.13	18.00	5.71	6.50	51.69	4.88	3.50
10.63	1.25	11.06	10.00	1.37	3.50	72.49	3.20	3.00
13.00	1.57	11.38	10.00	1.58	4.00	69.17	3.30	2.50
12.05	1.62	12.19	9.00	2.52	4.79	68.79	2.83	2.08
11.65	1.59	11.75	10.00	2.15	4.00	69.96	2.90	3.00
10.00	6.96	20.69	18.00	6.30	7.00	50.25	5.80	4.50
8.95	9.70	19.25	18.00	4.85	7.00	51.92	5.33	5.00
12.20	1.60	10.94	10.00	3.45	5.00	68.88	2.93	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Concluded)	
7972	Yantic Grain & Products Co., Norwich. Big (Y) Chick Grains	Tariffville: Tariffville Grain Co.
6446	Yantic Grain & Products Co., Norwich. Big (Y) Chick Starter	Willimantic: Boston Grain Co.
8024	Yantic Grain & Products Co., Norwich. Big (Y) Growing Feed with Cod Liver Meal	Abington: Weeks Bros.
6434	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash	Norwich: Boston Grain Co. ...
8386	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash with Cod Liver Oil	Hamden: Hamden Grain Co
6435	Yantic Grain & Products Co., Norwich. Big (Y) Buttermilk Laying Mash	Willimantic: Boston Grain Co
7934	Yantic Grain & Products Co., Norwich. Big (Y) Scratch Feed	Hamden: Hamden Grain Co. ...
7957	Yantic Grain & Products Co., Norwich. Gingham Girl Scratch Feed	Farmington: Farmington Grain Co.
8157	Yantic Grain & Products Co., Norwich. Uncas Scratch Feed	Norwich: Yantic Grain & Products Co. ...
	Beef scraps, and other products	
8159	Apothecaries Hall Co., Waterbury. Liberty Cooked Meat Scrap for Poultry	Waterbury: Apothecaries Hall Co.
6351	C. E. Buell, Inc., Boston, Mass. "Buell Boston" Dried Skim Milk	Torrington: Litchfield County Co-op. Assoc. ...

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
11.63	1.51	11.88	10.00	1.95	4.00	69.77	3.26	2.00
9.78	9.72	20.38	16.00	3.91	6.00	51.53	4.68	4.00
9.73	9.01	18.63	16.50	5.65	7.00	51.90	5.08	4.00
10.83	9.58	17.44	16.00	6.13	7.00	51.47	4.55	4.00
8.38	6.78	18.75	17.00	5.90	7.00	54.64	5.55	4.00
10.05	10.46	17.63	16.50	5.91	7.00	51.67	4.28	4.00
12.73	1.48	10.63	10.00	2.75	5.00	70.01	2.40	3.00
12.23	1.52	10.75	10.00	3.13	5.00	69.89	2.48	3.00
11.53	1.67	10.69	10.00	2.70	5.00	70.81	2.60	3.00
6.90	25.78	50.88	45.00	....	....	5.86	10.58	8.00
4.78	8.11	36.63	31.00	....	....	49.33	1.15 ¹	0.20

¹Roese—Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Beef scraps, and other products—(Cont'd)		
7599	C. W. Burckhalter, Inc., New York City. Burck-Brand Dried Buttermilk	Southport: C. Buckingham & Co.
7950	C. W. Burckhalter, Inc., New York City. Burck-Brand Powdered Skim Milk	Newtown: R. H. Holcomb & Co.
6122	Conn. Fat Rendering & Fertilizer Corp., West Haven. . . The Conn. Fat Rend. & Fertz. Corp. Meat Scrap	Guilford: F. H. Rolf, Inc.
7799	Consolidated By-Products Co., Philadelphia, Pa. Consolidated Beef & Bone Scrap	Plantsville: Atwater Mills
6429	Consolidated Feed & Grain Co., Buffalo, N. Y. Bison Dried Skim Milk	Willimantic: Willimantic Grain Co.
7630	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry	Thomaston: Thomaston Supply Co.
6186	Dairymen's League Co-op. Assoc., Inc., New York City. Dairylea Dried Skim Milk	Plantsville: Atwater Mills
6307	The Dry Milk Co., New York City. Chikora Pure Skim Milk	North Haven: Ridgewood Farm
7757	Eastern Grain Co., Bridgewater, Mass. Pure Dried Skim Milk Powder	Wallingford: A. E. Hall
8198	S. T. Edwards & Co., Chicago, Ill. Butterfly Dried Skim Milk	Danielson: Young Bros. Co. ...
8194	Fairfield Western Maryland Dairy, Baltimore, Md. Skim Milk Powder	Abington: Weeks Bros
6184	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
9.95	18.84	31.00	32.00	....	....	30.71	9.50 ¹	4.00
8.78	7.81	32.88	32.00	....	....	49.90	0.63 ¹	0.75
7.65	23.79	54.00	45.00	....	....	3.06	11.50	10.00
8.18	32.03	45.25	45.00	2.05	2.00	2.09	10.40	7.00
6.68	7.98	33.94	30.00	....	....	50.40	1.00 ¹	0.50
8.13	58.40	25.69	20.00	....	....	2.80	4.98	3.00
5.48	8.20	35.31	33.00	....	....	50.01	1.00 ¹	0.75
6.03	8.08	33.88	34.05	....	....	51.16	0.85 ¹	1.00
7.08	7.96	32.88	32.00	....	....	51.28	0.80 ¹	0.75
7.23	7.89	33.44	32.00	....	....	50.81	0.63 ¹	0.25
6.28	7.97	34.50	35.00	....	....	50.37	0.88 ¹	0.50
5.18	30.96	48.63	45.00	....	....	6.38	8.85	8.00

¹Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Beef scraps, and other products—(Cont'd)		
7631	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Thomaston: Thomaston Supply Co.
7616	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co.
8387	L. T. Frisbie Co., New Haven Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co.
6148	Fort Schuyler Farms, Inc., Utica, N. Y. Fort Schuyler Farms Superior Quality Powdered Skim Milk	West Cheshire: Cheshire Grain & Coal Co.
6193	Gorton Pew Fisheries Co., Gloucester, Mass. Gorton's Codfish Meal	Plantsville: C. A. Cowles
6159	Hershey Creamery Co., Harrisburg, Pa. "Hershey's Superior" Powdered Skim Milk	Thomaston: Thomaston Supply Co.
7999	Henry James & Son, Inc., Springfield, Mass. Special Cooked Meat and Bone Scraps	West Willington: H. M. Hansen
7793	Land O'Lakes Creameries, Minneapolis, Minn. Dried Buttermilk	New Britain: Wm. Cohen
6447	Land O'Lakes Creameries, Minneapolis, Minn. Dried Skimmilk	Rockville: Rockville Grain & Coal Co.
7969	Lincoln Farm Products Corp., New York City... Farm Brand Meat and Bone Scraps	Tariffville: Tariffville Grain Co.
6191	Jas. F. Morse & Co., Somerville, Mass. Morse's Meat Scraps	Plantsville: C. A. Cowles
6229	Chas. W. Priddy Co., Norfolk, Va. "The Best" Fish Meal	Shelton: Wolf Savitsky

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
7.68	30.34	48.69	50.00	....	....	1.96	11.33	8.00
6.88	28.83	52.75	55.00	....	....	1.59	9.95	8.00
6.28	27.51	55.44	55.00	....	....	2.29	8.48	8.00
6.58	8.13	32.75	32.00	....	....	51.81	0.73 ¹	0.25
6.33	28.00	61.69	55.00	0.83	1.00	1.37	1.78	0.10
3.15	8.31	35.38	32.00	....	....	52.23	0.93 ¹	0.25
6.35	31.26	49.38	50.00	....	....	3.86	9.15	8.00
8.20	7.92	30.13	30.00	....	....	47.57	6.18 ¹	3.00
5.58	7.94	36.00	30.00	....	....	49.95	0.53 ¹	0.50
7.90	36.55	43.13	45.00	1.38	3.00	3.04	8.00	8.00
5.65	35.81	42.50	40.00	....	....	5.91	10.13	8.00
8.05	20.56	59.56	55.00	1.48	7.00	1.12	9.23	5.00

¹Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Beef scraps, and other products—(Cont'd)	
	John Reardon & Sons Co., Cambridge, Mass. 45% Register Brand Meat and Bone Scrap	Meriden: Raymond Ives
8254	John Reardon & Sons Co., Cambridge, Mass. 55% Register Brand Meat Scraps	Westerly: C. W. Campbell Co.
6467	W. G. Slugg, Milwaukee, Wis. Slugg's Pure Dried Skim Milk Feed	Wallingford: A. E. Hall
7995	Springfield Rendering Co., Springfield, Mass. Springfield Poultry Feed	Rockville: Rockville Milling Co.
7624	John T. Stanley Co., New York City. Stanley's Meat and Bone Scrap	Torrington: Litchfield Co-op. Assoc.
8308	Swift & Co., Chicago, Ill. Swift's Meat and Bone Scrap	Long Hill: Long Hill Feed Store
8313	Swift & Co., Chicago, Ill. Swift's Poultry Bone Meal	Putnam: Dayville Grain & Coal Co.
8216	Theobald Animal By-Products Refining Co., Kearney, N. J. . . Production Brand Meat and Bone Scraps	Putnam: Dayville Grain & Coal Co.
8154	Van Iderstine Co., Long Island City, N. Y. Vico Pure Ground Meat and Bone Scraps	Moosup: Moosup Grain Co. . .
8025	Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat Scraps for Poultry	Abington: Weeks Bros.
6428	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal 50%	Willimantic: Willimantic Grain Co.
8002	Worcester Rendering Co., Auburn, Mass. P. W. Meat Scrap 45%	So. Coventry: E. W. Latimer .
8001	Worcester Rendering Co., Auburn, Mass. P. W. Special Meat Scrap 55%	So. Coventry: E. W. Latimer

INSPECTION OF 1931—(Continued)

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
%	%	%	%	%	%	%	%	%
6.23	34.91	43.81	45.00	1.55	3.00	3.17	10.33	6.00
5.30	27.59	52.50	55.00	1.38	3.00	3.22	10.01	6.00
5.10	8.07	33.94	30.00	....	....	51.74	1.15 ¹	0.50
6.35	29.96	50.00	45.00	....	....	6.09	7.60	8.00
7.40	28.23	45.63	45.00	1.88	3.00	4.66	12.20	10.00
5.98	25.17	51.63	50.00	1.55	3.00	2.29	13.38	6.00
7.28	9.90	28.25	25.00	1.28	3.00	51.14	2.15	2.00
7.03	25.23	55.38	55.00	....	....	3.81	8.55	5.00
7.00	29.90	45.88	45.00	....	....	7.54	9.68	5.00
7.85	28.31	49.88	50.00	2.25	3.00	3.96	7.75	5.00
8.03	22.68	54.81	50.00	0.74	2.00	3.31	10.43	4.00
7.05	33.48	45.63	45.00	2.05	6.00	2.89	8.90	8.00
8.20	24.57	56.25	55.00	1.85	5.00	0.95	8.18	8.00

¹Roese—Gottlieb Method.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal	9	4	2	4	1	7
Linseed meal	7	0	0	0	0	0
Soybean meal	1	0	0	0	0	0
Wheat bran	27	0	0	0	0	0
Wheat middlings	27	2	0	0	2	2
Wheat red dog	5	3	1	0	3	4
Wheat feed (mixed feed)	14	2	0	0	2	2
Corn gluten feed	9	0	0	0	0	0
Hominy feed	15	0	0	1	0	1
Rye products	1	0	0	0	0	0
Brewers' and distillers' grains	4	0	0	0	0	0
Dried beet pulp	6	0	0	0	0	0
Dried tomato products	1	0	0	0	0	0
Horse feed	70	9	1	7	1	9
Dairy feeds	142	28	7	5	20	32
Stock feeds	46	5	1	4	0	5
Calf feeds, etc.	16	1	0	0	1	1
Poultry feeds	301	27	5	3	21	29
Beef scraps, etc.	38	8	6	0	1	87
Total	739	89	23	24	52	99

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or jobber	Samples	Guaranteed	Deficiencies			Percentage of guarantees met
			Protein	Fiber	Fat	
Allied Mills, Inc.	17	51	0	1	2	94
American Maize Products Co.	1	3	0	0	0	100
Apothecaries Hall Co.	1	3	0	0	0	100
Arcady Farms Milling Co.	11	33	0	0	2	94
Archer Daniels Midland Co.	1	3	0	0	0	100
Ashcraft-Wilkinson Co.	3	9	1	2	0	67
Bacon, E. R., Grain Co.	1	3	0	0	0	100
Bailey, E. W., & Co.	9	27	0	0	2	93
Beacon Milling Co.	21	63	0	0	0	100
Beers, Ira W.	2	6	0	0	0	100
Black Rock Milling Corp.	4	12	1	0	0	92
Blatchford Calf Meal Co.	1	3	0	0	0	100
Bridge's, A. D., & Sons, Inc.	1	3	0	1	1	33
Bristol Grain & Supply Co.	2	6	0	0	0	100
Brode, F. W., Corp.	1	3	0	0	0	100
Broder, L., Grain Store	1	3	0	0	0	100
Buckingham, C., & Co.	3	9	0	0	0	100
Buell, C. E., Inc.	1	3	0	0	0	100
Burckhalter, C. W., Inc.	2	6	1	0	0	83
Caledonia Mills, Inc.	1	3	0	0	0	100
Campbell, C. W., Co.	12	36	0	0	2	94
Canada Linseed Oil Mills, Ltd.	1	3	0	0	0	100
Chapin & Co.	9	27	0	0	0	100
Clinton Corn Syrup Refining Co.	1	3	0	0	0	100
Coles Co.	6	18	0	1	2	83
Commander-Larrabee Co.	1	3	0	0	0	100
Commander Milling Co.	1	3	0	0	0	100
Conkey, G. E., Co.	10	30	0	0	1	97
Conn. Fat Rendering & Fertilizer Corp.	1	3	0	0	0	100
Consolidated By-Product Co.	1	3	0	0	0	100
Consolidated Feed & Grain Co.	1	3	0	0	0	100
Consolidated Rendering Co.	1	3	0	0	0	100
Copeland Flour Mills, Ltd.	2	6	0	0	0	100
Corn Products Refining Co.	2	6	0	0	0	100
Cowles, C. A.	4	12	0	0	1	92
Cox, Chas. M., Co.	5	15	0	0	0	100
Crosby Milling Co.	3	9	0	0	0	100
Cutler, P., Inc.	5	15	0	0	0	100
Dairymen's League Co-op. Assoc., Inc.	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	
Davis, R. G., & Sons	7	21	0	0	0	100
Decatur Milling Co.	1	3	0	0	0	100
Delaware Mills, Inc.	11	33	0	1	1	94
Denver Alfalfa Milling & Products Co.	2	6	1	0	0	83
Dietrich & Gambrell, Inc.	9	27	0	0	2	93
Dominion Flour Mills, Ltd.	1	3	0	0	0	100
Dry Milk Co., Inc.	1	3	0	0	0	100
Dunn, Arthur G.	2	6	0	0	0	100
Eastern Grain Co.	1	3	0	0	0	100
Eastern States Farmers' Exchange	19	57	0	0	0	100
Eckhart, B. A., Milling Co.	2	6	0	0	0	100
Edwards, S. T., & Co., Inc.	1	3	0	0	0	100
Elmore Milling Co., Inc.	16	48	0	0	4	92
Eshelman, John W., & Sons	27	81	0	2	2	95
Evans Milling Co.	1	3	0	1	0	67
Fairfield Western Maryland Dairy	1	3	0	0	0	100
Farmers' Feed Co.	1	3	0	0	0	100
Flory Milling Co.	9	27	0	1	1	93
Forrest, J. A.	1	3	0	1	0	67
Fort Schuyler Farms, Inc.	1	3	0	0	0	100
Frisbie, L. T., Co.	4	12	2	0	0	83
Garland, J. B., & Son	4	12	0	0	0	100
General Mills, Inc.	8	24	0	0	0	100
Gorton-Pew Fisheries Co., Ltd.	1	3	0	0	0	100
Grandin, D. H., Milling Co.	11	33	0	0	0	100
Great Atlantic & Pacific Tea Co.	2	6	0	0	0	100
Hales & Hunter Co.	8	24	1	0	0	96
Ham, Frank B., & Co., Ltd.	2	6	0	0	0	100
Hamilton, Wm., & Son, Inc.	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co.	3	9	0	0	0	100
Hershey Creamery Co.	1	3	0	0	0	100
Humphreys-Godwin Co.	2	6	0	0	0	100
Imperial Grain & Milling Co.	2	6	0	1	0	83
International Milling Co.	3	9	1	0	1	78
James, Henry, & Son, Inc.	1	3	0	0	0	100
Kansas Flour Mills Corp.	1	3	0	0	0	100
Kellogg Co.	1	3	0	0	0	100
Kellogg, Spencer, & Sons	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or jobber	Samples	Guarantee	Deficiencies			Percentage of guarantees met
			Protein	Fiber	Fat	
Kelloggs & Miller, Inc.	2	6	0	0	0	100
King, H. H., Flour Mills Co.	1	3	0	0	0	100
Krause, Charles A., Milling Co.	1	3	0	0	0	100
Labieniec, A. S.	1	3	0	0	0	100
Laden Bros. Co., Inc.	4	12	0	0	0	100
Lamar Alfalfa Milling Co.	1	3	0	0	0	100
Land O'Lakes Creameries, Inc.	2	6	0	0	0	100
Larrabee Flour Mills Co.	2	6	0	0	0	100
Larrowe Milling Co.	14	42	0	0	0	100
Lincoln Farm Products Co.	1	3	1	0	0	67
Lines, C. W., Co.	5	15	0	0	3	80
Long Hill Feed Store	2	6	0	1	1	67
Lovitt, L. B., & Co.	3	9	1	2	1	56
Manchester, E., & Sons	9	27	0	1	0	96
Mann Bros. Co.	1	3	0	0	0	100
Maritime Milling Co., Inc.	10	30	0	0	0	100
Martenis, C. J., Grain Co.	4	12	0	0	0	100
Meador Milling Co.	2	6	0	0	0	100
Meech & Stoddard, Inc.	13	39	1	0	4	87
Mennel Milling Co.	6	18	2	0	0	89
Miller Cereal Mills	1	3	0	0	0	100
Miner-Hillard Milling Co.	2	6	0	0	0	100
Moon, Geo. Q., & Co., Inc.	11	33	0	0	2	94
Moran-Patton Co.	1	3	0	1	0	67
Morse, Fred C., & Son	10	30	0	0	0	100
Morse, James F., & Co.	1	3	0	0	0	100
Mt. Vernon Milling Co.	1	3	0	0	0	100
National Feed Co.	1	3	0	0	0	100
Niagara Falls Milling Co.	3	9	0	0	1	89
Northwestern Consolidated Milling Co.	2	6	0	0	0	100
Nowak Milling Corp.	5	15	0	0	0	100
Ogilvie Flour Mills Co., Ltd.	2	6	0	0	0	100
Ontario Milling Co., Inc.	15	45	0	0	1	98
Osborn, S. V., Estate	3	9	0	0	0	100
Park & Pollard Co., Inc.	29	87	0	1	1	98
Patent Cereals Co.	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co.	1	3	0	0	0	100
Penick & Ford, Ltd.	2	6	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	
Pillsbury Flour Mills Co.	6	18	0	0	0	100
Platt, Frank S., Co.	2	6	0	0	0	100
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co.	15	45	0	0	0	100
Priddy, Charles W., & Co., Inc.	1	3	0	0	0	100
Puffer, H. C., Co.	6	18	0	0	0	100
Quaker Oats Co.	24	72	0	0	1	99
Ralston Purina Co.	29	87	0	0	0	100
Reardon, John, & Sons Co.	2	6	2	0	0	67
Red Wing Milling Co.	1	3	0	0	0	100
Robin Hood Mills, Ltd.	2	6	0	0	0	100
Ronck & Bevis Co.	1	3	0	0	0	100
Russell Miller Milling Co.	3	9	0	0	0	100
Savitsky, Wolf	3	9	1	0	0	89
Seymour Grain & Coal Co.	8	24	0	0	2	91
Shelton Feed Co., Inc.	1	3	0	0	0	100
Slugg, W. G.	1	3	0	0	0	100
Sovitsky, Ike	4	12	0	1	2	75
Springfield Rendering Co.	1	3	0	0	1	67
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.	50	150	6	3	1	93
St. Lawrence Flour Mills Co., Ltd.	1	3	0	0	0	100
Stickell, D. A., & Sons, Inc.	3	9	0	0	0	100
Swift & Co.	2	6	0	0	0	100
Syracuse Milling Co.	12	36	0	0	1	97
Theobald Animal By-Products Refining Co. ..	1	3	0	0	0	100
Thomaston Supply Co.	3	9	0	0	1	89
Tioga-Empire Feed Mills, Inc.	20	60	0	0	0	100
Union Sales Corp.	1	3	0	0	0	100
Upper Hudson Rye Flour Mills	1	3	0	0	0	100
Van Iderstine Co.	2	6	0	0	0	100
Wertz, F. S., & Son	2	6	0	0	0	100
West Bay City Sugar Co.	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.	22	66	1	2	4	89
Totals	739	2217	23	24	52	96

MISCELLANEOUS

Seventy-seven samples submitted by individuals for the usual analyses or to be examined for poisons need no detailed discussion.

The loss of poultry, particularly young chicks, often prompted the poultryman to submit samples of feed for analysis. Seldom will chemical analysis or microscopic examination serve to explain the losses sustained. Mortality is more likely due to epidemic diseases in the flock than to poisonous ingredients in the feed.

In the case of stock, a change from one feed to another will often result in temporary refusal of animals to eat the new feed. Shortly, however, animals accustom themselves to the changed ration. Such appears to be the explanation in many cases of suspected feed samples submitted.

Occasionally definite findings can be reported in cases of viscera of stock or poultry sent to us. These are such substances as arsenic, phosphorous, lead, copper or cyanides and suggest access of the animals to rat poisons or insectides either by accident or carelessness or perhaps, in some cases, through malicious intent.

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¹This was substituted during the year for Big (Y) Growing Feed.

²This was substituted later in the year for Uncas Sugared Stock Feed