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Inspection of commercial feedingstuffs, Station Bulletin, no.412

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New Hampshire Agricultural Experiment Station

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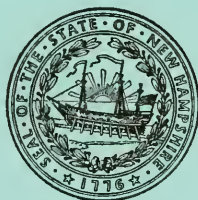
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THE UNIVERSITY OF NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agricultural and Biological Chemistry

Inspection of Commercial Feedingstuffs

Made for the
State Department of Agriculture



By H. A. DAVIS and V. F. STAAB

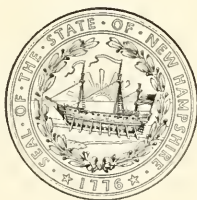
The University of New Hampshire
Durham, N. H.

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INSPECTION OF COMMERCIAL FEEDINGSTUFFS

Made for the

STATE DEPARTMENT OF AGRICULTURE

The New Hampshire Commercial Feed Law is administered by the Commissioner of Agriculture. All inquiries concerning the law and the registration of feedingstuffs should be addressed to the Feed Control Supervisor, State House, Concord, New Hampshire.

Official samples of feedingstuffs offered for sale in the state are collected under the direction of Honorable Perley I. Fitts, Commissioner of Agriculture, by Mr. George H. Laramie, Control Supervisor, and Mr. Harold Ayer, Assistant Control Supervisor. During the year ending June 30, 1954, 707 official samples were submitted for analysis. These samples represented brands of 165 manufacturers.

THE LAW

The New Hampshire Commercial Feed Law, Chapter 226 of the Laws of the State of New Hampshire, conforms closely to the Uniform Feed Bill proposed by the Association of American Feed Control Officials. Every individual or firm expecting to sell their feed products in New Hampshire should obtain a copy of the leaflet "New Hampshire Commercial Feed Law and Rules and Regulations" from the office of the Department of Agriculture, State House, Concord, New Hampshire. Purchasers of feedingstuffs should read this leaflet for official information concerning the requirements of the law.

Registration: Each brand of commercial feed offered for sale in the state must be registered. The term "Commercial feed" refers to "all materials which are distributed for use as feed for animals, other than man, and for wild birds kept in captivity, except (1) unmixed whole seeds and meals made directly from the entire seeds, (2) unground hay and (3) whole or ground straw, stover, silage, cobs, and hulls when not mixed with other materials."

The feedingstuff is usually registered by the manufacturer or jobber whether he is located within or outside the state. Feedingstuffs manufactured in other states are frequently handled by several middlemen before they reach the local distributor. Under the provisions of the law, if the manufacturer or jobber fails to make registration, the dealer is responsible. Dealers who purchase feed for resale must assure themselves that the brands they purchase are properly registered and the license fee paid; otherwise, they must assume that responsibility. The Feed Control Supervisor provides forms to be filed in his office for the registration of feeds. Copy of this form is shown on Page 4.

New Hampshire
APPLICATION FOR REGISTRATION OF COMMERCIAL
FEEDINGSTUFFS

No.

Date

To the Commissioner of Agriculture, State Dept. of Agriculture, Concord, N. H.:

The undersigned hereby makes application for registration—re-registration—supplemental registration of the following commercial feedingstuffs (for the period ending December 31, 19):

(List products to be reregistered under heading REREGISTRATIONS. List under heading SUPPLEMENTAL those products added during the year.)

Attached are product data sheets which have affixed thereto a label to be used on, or attached to the containers of feedingstuffs as required by paragraph 1 of Chapter 226, Revised Laws of N. H., Stock Foods Law. I hereby certify that the label or labels contain the information required by the law.

(Enclosed is in the amount of \$..... covering the registration fee for feedingstuffs. Registration fee is \$15.00 for each feedingstuffs.)

Address correspondence to:

Attention Firm Name

Street and No. By

City and State Title

.....

CERTIFICATE OF REGISTRATION

This certifies (that the registration fee has been paid and) that the above-listed products are this day registered under the provision of the New Hampshire Stock Foods law, and the sale is authorized when sold, offered or exposed for sale when labeled and otherwise in compliance with the law, until cancelled for cause (for the period beginning with the actual date of registration and continuing until December 31, unless the registration of any feed or feeds are cancelled).

NEW HAMPSHIRE DEPARTMENT OF AGRICULTURE

.....
Commissioner

Date

INSTRUCTIONS

Application for Registration: Submit cover sheet in duplicate. One copy will be returned as your Certificate of Registration.

Product Data Sheet: One or more (8½" x 11") sheets, to which is affixed a label, or if the label has not been printed, proposed copy or printer's proof may be affixed, for each product to be registered, must accompany the application. Number the attached data sheet pages and insert the page number in parentheses on the cover sheet immediately after the name of the feed.

Brands: List these on the application cover sheets under the headings and in the order "Reregistrations" and "New Registrations." (Reregistrations are renewals from the previous year. New Registrations are brands not registered the previous year.)

Reregistrations: (Renewals of registrations) require that all cover sheets be renewed. It is not necessary to renew Product Data Sheets except with respect to information which is different from that furnished when the feeds were registered or last reregistered.

Labeling: All labeling must be in accordance with New Hampshire Stock Foods law, and all information on cover sheets and data sheets must comply with the above law.

(Note: The above instructions appear on the back of the Application for Registration.)

Labeling: The law requires that any commercial feed offered for sale or sold in this state shall furnish on each package a clearly printed statement certifying:

the number of net pounds in the package

the name and principal address of the person
guaranteeing the commercial feed

the name or brand under which the commercial feed is sold
the guaranteed analysis stating:

the minimum percentage of crude protein
the minimum percentage of crude fat
the maximum percentage of crude fiber

the name of each ingredient contained in the feed

In specialty cases, as in mineral feeds and vitamin supplements, requirements as listed in the law must be met. In the case of bulk deliveries a written or printed statement of the above information shall accompany delivery.

In order to secure greater uniformity in the labeling of feeds and in the statement of ingredients, the Association of American Feed Control Officials has adopted definitions of ingredients and standards. The Asso-

ciation has approved 20 official regulations which "should be adopted by State officials insofar as their statutes will permit." There are no conflicts with the New Hampshire feedingstuffs law in these regulations. Manufacturers and dealers are, therefore, expected to conform to the regulations of the Association in all matters not specifically mentioned in the law. A booklet containing these regulations, together with definitions of ingredients, official and tentative, as well as other instructive material, may be obtained from the Secretary of the Association of American Feed Control Officials, College Park, Maryland. If the definitions and suggestions presented in this booklet are followed by the manufacturer, a correct and accepted list of ingredients complying with the law will appear on the tag. Carelessness or indifference in listing the ingredients should create sales resistance in the buyer. The purchaser will likely conclude that the manufacturer who is inaccurate in specifying the ingredients printed on the tag may be careless in selecting the ingredients he puts into the bag.

THE PURPOSE OF THE FEEDINGSTUFFS LAW

The chief purpose of the feedingstuffs law is to protect the consumer against the inferior products which doubtless would soon appear on the market if the trade were not under state control. The law is primarily a correct-labeling act. It must not be assumed by the purchaser that every brand which meets the manufacturers guarantee is a high-grade feed. The Commercial Feed Law does not prevent the sale of a low grade feed if it is properly licensed and tagged and is offered for sale in compliance with the law. It would not be in the public interest to legislate against the sale of the lower-grade by-products. They can be fed profitably if bought at a price adjusted to their feeding value. The law does prevent an inferior feed being offered for sale as a high-grade product.

The dealer, in purchasing feed from the manufacturer, and the consumer, in purchasing feed from the dealer, should make the specification that the feed delivered must comply with the New Hampshire Commercial Feed Law. If the feed is not registered; if the protein, fat, and crude fiber are not guaranteed; and if the ingredients of which the feed is composed, are not plainly stated on the bag, or on a tag attached thereto, the purchaser is not protected by the law. He has no recourse under the commercial feed law if the feed he purchases is of inferior quality. If the buyer fails to assure himself that the legal requirements have been met, he accepts the feedingstuff at his own risk.

The cost of a feedingstuffs inspection includes the drawing and analysis of samples, and the publication and distribution of the annual bulletin. The funds from which these costs are paid are accumulated from the license fee which the manufacturer is required to pay annually on each brand registered for sale in the state. A calculation based on the known costs of the inspection and the estimated retail value of the feedingstuffs sold annually shows that the cost of the inspection is only a fraction of a cent per 100-pound bag.

The terms used in reporting the chemical analysis of a feedingstuff required by law are briefly defined as follows: PROTEIN is a collective term for a considerable group of compounds, all of which contain nitrogen.

Ingredients high in protein are usually more expensive than the other ingredients, making protein the most important nutrient for consideration in determining the commercial value of a feedingstuff. The nutritional value of the proteins varies widely; therefore, a feedingstuff should contain protein from several sources to insure inclusion of all essential types. FAT is separated from the other components of a feedingstuff by extracting the moisture-free sample with anhydrous ether. In such ingredients as the cereals, the seed-meals, and animal products, the extract is nearly pure fat. A few ingredients such as alfalfa meal contain some ether soluble material which is not fat. If urea is present in a feed, the fat figure may be somewhat high due to the slight solubility of urea in anhydrous ether. When sulphur is present, the "ether extract" or fat found is much too high since sulphur is readily soluble in anhydrous ether. CRUDE FIBER is composed of cellulose and related compounds. Since crude fiber has little feeding value, the law requires that the maximum fiber be guaranteed rather than the minimum as in protein and fat.

Bulk delivery of feed directly from the mixer to the farm continues to increase in volume. The special problems involved in handling this type of delivery by both the manufacturer and consumer can be satisfactorily met. The consumer, considering the acceptance of delivery of feed in bulk, should carefully consider his method of storage and the distribution of feed in his management program. Information is available from both the Experiment Station and the manufacturers concerning the construction of bins to receive bulk delivery of feeds. The analysis of several samples drawn by the feed control supervisor reported in Bulletin 403, 1953 Inspection of Commercial Feedingstuffs, indicate that a satisfactory sample of bulk delivered feeds can be obtained at any one of several points. Further evidence was obtained on this point this year. A series of three samples of each of two brands of feed were drawn by the feed control supervisor representing a lot of each of two types of feed delivered in bulk. The new pneumatic unloading method was used in these cases. The results obtained are shown in Table I. These results confirm previous finding, that is, with reasonable judgment a satisfactory sample of bulk delivered feeds can be obtained at any one of several points in the handling of bulk feeds.

TABLE I

| | Sample drawn at point of feed transfer or location | Protein | Fat | Fiber |
|------------|--|---------|------|-------|
| Brand A | Bulk bin into truck compartment | 16.03 | 5.00 | 8.21 |
| | Rear of bulk truck | 16.03 | 5.02 | 7.90 |
| | Manf. bin, equal to farmers bin | 16.33 | 5.35 | 7.86 |
| Brand B | Bulk bin, into truck compartment | 17.38 | 4.71 | 3.68 |
| | Rear of bulk truck | 17.08 | 4.70 | 3.68 |
| | Manf. bin, equal to farmers bin | 17.43 | 4.66 | 3.60 |

The difference between results of the analysis of the samples of the same lot in these cases are no more than would be expected in analyzing several samples drawn from the same lot of bagged feed.

The use of medicated feeds for special purposes is steadily increasing in volume. Special directions for feeding are printed on the tag attached to each bag of such feed. When a drug or antibiotic is in a feed, the tag must clearly state that fact. The use of drugs in feeds for the control of certain diseases must be carefully investigated and meet the approval of the Food and Drug Administration before it is put on the market. The laboratory has analyzed many of the feeds tagged as containing sulfaquin-oxaline this year and found no serious deficiencies.

It is not within the scope of this bulletin to make recommendations regarding the use of commercial feedingstuffs. The Department of Dairy Husbandry and the Department of Poultry Husbandry are continuously studying feeding problems. The following publications of these departments are free to residents of New Hampshire. Address your request to Mail Service, University of New Hampshire, Durham, New Hampshire.

| | |
|----------------|--|
| Ext. Bull. 67 | Turkey Production in New Hampshire, 16 pp. |
| Ext. Cir. 274 | Brooding and Rearing Chickens, 20 pp. |
| Ext. Cir. 282 | Dairy Calves. |
| Sta. Bull. 401 | Feed Standards for N. H. Broilers. |
| Ext. Bull. 114 | Feeding Dairy Cattle. |

While the word feedingstuff does not appear in all the above titles, no publication is included which does not discuss some aspect of the use of feedingstuffs.

Inquiries occasionally are made regarding a method of calculating the protein, fat or fiber content of a home-mixed feed. There are tables available, such as those in Morrison's book "Feeds and Feeding," which give the average chemical analysis of feed concentrates, roughage, and silages. It should be pointed out that the chemical analysis of a particular lot of an ingredient may be somewhat above or below the average figure shown in the table. This fact must be taken into consideration in fixing guarantees. The following example shows how the protein content of a feed mixture may be calculated.

| Ingredients | pounds used | x | percent protein in ingredient | = | lbs. protein furnished by ingredient |
|------------------|-------------|---|-------------------------------|---|--------------------------------------|
| Ground Oats | 200 | | 12.0 | | 24 |
| Ground Corn | 400 | | 8.0 | | 32 |
| Gluten Feed | 300 | | 25.0 | | 75 |
| Wheat Bran | 400 | | 15.0 | | 60 |
| Linseed Oil Meal | 100 | | 34.0 | | 34 |
| Salt | 10 | | .. | | .. |
| Total Mix | 1410 lbs. | | contains | | 225 lbs. protein |

$$\text{The mixture contains } \frac{225}{1410} \times 100 = 15.95\% \text{ protein.}$$

The percentage of fat or fiber may be calculated in a like manner by substituting the fat or fiber figures for those of the protein.

CONFORMITY TO THE GUARANTEES

The chemical analyses reported in this bulletin were made by the methods approved by the Association of Official Agricultural Chemists. Of the 707 samples analyzed, 667 were ingredients and mixed feeds, and 40 were canned cat and/or dog foods. Forty-three brands were sampled at two or more different times during the year. In addition, 6 samples were submitted for analysis in a special study of the bulk sampling problem. These six samples all met the guarantee.

Table II shows the percentage of samples not conforming to guarantees over a period of years. A distinct improvement is noted in 1954. Of the analyses reported in this bulletin of the 707 samples submitted, 8.8 percent contained less protein, 5.2 percent contained less fat and 3.8 percent contained more fiber than was guaranteed.

It is common practice to indicate by different type those brands failing to conform to the guarantee by an arbitrary amount. In this bulletin the analytical figures, $\frac{1}{2}$ percent or more below guarantee in protein, $\frac{1}{4}$ percent or more below in fat, and one percent or more above guarantee in crude fiber, are printed in bold face type. The brands *not* registered with the Control Supervisor at the time of sampling are indicated by means of an asterisk before the brand name.

TABLE II

PERCENTAGE OF SAMPLES ANALYZED IN
YEARS 1926-1954 NOT CONFORMING TO GUARANTEES

| Year | Per cent below guarantee in Protein | | Per cent below guarantee in Fat | | Per cent high in Crude Fiber |
|------|-------------------------------------|----------------------|---------------------------------|-----------------------|------------------------------|
| | LESS THAN 0.5 PER CENT | 0.5 PER CENT OR MORE | LESS THAN 0.25 PER CENT | 0.25 PER CENT OR MORE | |
| 1926 | 8.0 | 16.0 | 4.0 | 10.0 | 6.0 |
| 1927 | 8.3 | 16.4 | 5.8 | 13.6 | 5.9 |
| 1928 | 9.1 | 20.7 | 4.3 | 9.3 | 7.9 |
| 1929 | 9.5 | 20.2 | 2.8 | 9.3 | 6.5 |
| 1930 | 4.8 | 13.1 | 4.0 | 8.0 | 3.9 |
| 1931 | 1.8 | 7.2 | 5.9 | 9.7 | 5.3 |
| 1932 | 1.8 | 1.4 | 5.0 | 8.1 | 2.8 |
| 1933 | 1.3 | 3.6 | 7.5 | 9.8 | 3.6 |
| 1934 | 3.0 | 3.4 | 3.9 | 7.1 | 9.8 |
| 1935 | 2.4 | 3.0 | 4.2 | 8.5 | 9.9 |
| 1936 | 2.9 | 5.2 | 5.5 | 8.3 | 12.2 |
| 1937 | 2.8 | 4.2 | 3.0 | 6.0 | 11.0 |
| 1938 | 2.9 | 8.1 | 9.8 | 10.8 | 11.5 |
| 1939 | 1.9 | 3.3 | 6.8 | 9.3 | 8.7 |
| 1940 | 2.9 | 4.0 | 6.2 | 6.7 | 7.5 |
| 1941 | 1.1 | 2.6 | 4.7 | 6.7 | 5.6 |
| 1942 | 2.6 | 3.5 | 3.7 | 4.5 | 7.4 |
| 1943 | 3.7 | 2.7 | 7.7 | 8.6 | 7.4 |
| 1944 | 8.2 | 9.0 | 10.7 | 19.7 | 6.9 |
| 1945 | 2.1 | 6.1 | 2.9 | 7.5 | 7.1 |
| 1946 | 8.6 | 17.5 | 2.3 | 8.9 | 14.6 |
| 1947 | 4.1 | 10.2 | 1.7 | 4.0 | 24.7 |
| 1948 | 3.6 | 3.8 | 2.3 | 3.5 | 13.6 |
| 1949 | 3.5 | 5.8 | 2.7 | 2.8 | 7.2 |
| 1950 | 4.9 | 7.3 | 4.9 | 5.1 | 3.2 |
| 1951 | 4.4 | 7.5 | 2.7 | 4.9 | 4.0 |
| 1952 | 4.3 | 8.4 | 3.0 | 5.8 | 4.3 |
| 1953 | 4.3 | 12.7 | 3.4 | 6.8 | 4.4 |
| 1954 | 2.7 | 6.1 | 1.7 | 3.5 | 3.8 |

REQUEST BY INDIVIDUALS FOR THE ANALYSIS OF FEEDINGSTUFFS

In addition to the official samples of feedingstuffs submitted by the Feed Control Supervisor, the Agricultural Experiment Station each year analyzes some samples drawn by individuals to aid in solving a particular problem. Chemical analysis can aid in certain cases but it should not be expected to answer all questions. A close study of management practices will often answer many problems when the first thing to do seems to blame the feed for difficulties in growth or production of livestock. It is suggested that in the case of a difficulty involving feeding that you call in your County Agent, your veterinarian or the fieldman of your feed supplier to consider your problem. They will then obtain the facts in the case and will determine whether an analysis of the feed will be of help or not.

If a feed sample is mailed or brought to the laboratory, it is essential that the sample drawn, about one pint put in a clean, tight container, *adequately represents* the large lot from which it is drawn and that *full information* concerning the case accompany the sample. If this is not done, it must be supplied before analysis can be made. Because of the cost of laboratory work and materials, the necessity for an analysis is decided upon the basis of information submitted and an opinion obtained as to whether or not an analysis is necessary in the particular case involved. Since this is a state experiment station, this service is available only to residents of this state and no charge is made for this occasional work. Many questions that are raised may be satisfactorily answered by correspondence without laboratory work.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--------------|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |

Ackerman-Beardsley-Bennett, Inc.
Albany, New York

**Corn Distillers Dried Grains Dover 25.00 26.5 5.00 12.2 15.00 8.7

Allen Products Co., Inc.
Allentown, Pa.

Al Po Dog Food Concord 14.50 16.3 2.00 9.2 1.50 0.2

Allied Mills, Inc.
Chicago, Ill.

Wayne Calf Starter Manchester 16.00 16.8 3.00 3.6 9.00 6.5
Wayne Chick Feed W. Lebanon 9.00 9.8 2.00 4.4 4.00 1.3
Wayne 16% Dairy Ration W. Lebanon 16.00 19.2 3.50 3.7 9.00 7.9
Wayne Egg Mash Pellets Manchester 20.00 20.6 3.00 4.2 5.50 5.5
Wayne Fitting Ration Manchester 13.00 14.4 3.00 4.2 8.50 6.5
Wayne Growing Mash W. Lebanon 20.00 20.6 2.50 4.4 5.50 5.1
Wayne H.A.D. Krums W. Lebanon 20.00 23.9 3.50 4.1 4.00 3.4
Wayne Mash Layer W. Lebanon 20.00 21.1 3.00 4.2 7.00 5.8
Wayne 16% Milk Producer W. Lebanon 16.00 19.7 3.00 3.1 10.00 4.9
Wayne Mink Meal Manchester 22.00 24.7 4.00 5.1 7.50 5.6
Wayne Rabbit Ration (Pellets) W. Lebanon 17.00 18.0 3.00 4.2 15.00 10.3
Wayne Ranch Meal Manchester 18.00 18.5 3.50 4.2 9.00 4.8
**Wayne Sugarine Mixer W. Lebanon 17.00 19.5 1.00 4.2 10.00 10.9
Wayne Tail Curler W. Lebanon 18.00 18.9 3.00 4.8 5.00 3.1
Wayne Test Cow Ration Manchester 16.00 17.5 4.00 4.0 9.00 7.2
Wayne Turkey Growing Mash Manchester 20.00 20.8 2.50 4.4 8.00 6.0
**Wayne Universal Egg Manchester 17.00 19.1 2.50 4.8 6.00 5.7
Wayne Universal Grower Manchester 16.00 16.7 2.50 4.6 4.50 4.3
Wayne .005% 3 Nitro 4-Hydroxyphenyl-
larsonic Acid in Wayne Chick
Starter (Krums) W. Lebanon 20.00 23.2 3.00 3.5 5.50 4.3
Wayne 0.005% 3-Nitro 4-Hydrox-
yphenylarsonic and 0.0125%
Sulfaquinoxaline in Wayne Chick
Starter Manchester 20.00 19.2 3.00 3.5 5.50 4.7
Wayne 0.005% 3-Nitro 4-Hy-
droxyphenylarsonic Acid and
0.0175% Sulfaquinoxaline in
Wayne Rocket Broiler Feed Manchester 20.00 22.2 3.50 4.1 4.00 3.3

American Crabmeat Co.
Boston, Mass.

Little 3 Kittens Cat Food Concord 15.00 16.9 0.50 0.2 0.10 0.05

American Maize-Products Co.
Roby, Ind.

Cream of Corn Gluten Feed Nashua 23.00 24.1 2.00 2.3 9.50 6.5

Animal Foundation, Inc.
Sherburne, N. Y.

Hunt Club Full Diet Dog Meal Concord 23.00 24.8 5.00 6.0 4.00 2.5

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Archer Daniels Midland Co. Minneapolis, Minnesota | | | | | | | |
| Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal | Manchester | 36.00 | 36.5 | 0.50 | 0.8 | 10.00 | 8.9 |
| Archer Quality 44% Protein Soybean Oil Meal | Bow | 44.00 | 45.7 | 0.5 | 0.7 | 7.00 | 5.4 |
| Armour & Co. Chicago, Ill. | | | | | | | |
| Dash Armour Dog Food | Concord | 10.50 | 10.7 | 2.50 | 3.3 | 1.00 | 0.6 |
| Ashcraft Wilkinson Co. Atlanta, Ga. | | | | | | | |
| Cow Eta Brand 41% Protein Cottonseed Meal Prime Quality | Bow | 41.00 | 40.4 | 4.00 | 6.0 | 13.00 | 12.0 |
| Austin Dog Food Div. of Sunshine Biscuit, Inc. New York, N. Y. | | | | | | | |
| Austin's Dog Food (Bone Shaped) | Portsmouth | 22.00 | 22.6 | 2.50 | 3.4 | 4.50 | 3.2 |
| E. R. Bacon Grain Co. Chicago, Ill. | | | | | | | |
| **Bacon's Gluten Feed | Manchester | 23.00 | 27.3 | 2.00 | 3.8 | 10.00 | 6.9 |
| E. W. Bailey Co. Montpelier, Vt. | | | | | | | |
| **Bailey's Pennant Brand Ace-Hi-Layer | Colebrook | 16.00 | 16.0 | 3.50 | 5.2 | 4.50 | 4.4 |
| Bailey's Pennant Brand Calf Ration | Colebrook | 15.00 | 17.5 | 3.00 | 3.1 | 7.00 | 6.4 |
| Bailey's Pennant Brand Complete Egg Ration | Colebrook | 16.00 | 15.8 | 3.50 | 4.5 | 7.00 | 6.3 |
| Bailey's Pennant Brand Complete Grower | Colebrook | 15.00 | 16.2 | 3.50 | 4.7 | 7.00 | 6.6 |
| Bailey's Pennant Brand 16% Dairy Ration | Lebanon | 16.00 | 17.6 | 3.25 | 4.1 | 10.00 | 9.9 |
| Bailey's Pennant Brand 16% Dairy Ration Coarse | Colebrook | 16.00 | 17.6 | 3.25 | 3.8 | 10.00 | 8.6 |
| Bailey's Pennant Brand Special 16% Dairy Ration | Colebrook | 16.00 | 16.9 | 3.25 | 3.6 | 10.00 | 8.6 |
| Bailey's Pennant Brand 18% Dairy Ration | Colebrook | 18.00 | 19.6 | 3.25 | 3.8 | 9.00 | 8.5 |
| Bailey's Pennant Brand 20% Dairy Ration (Fine) | Colebrook | 20.00 | 19.3 | 3.25 | 3.6 | 9.00 | 7.6 |
| Bailey's Pennant Brand 20% Dairy Ration (Fine) | Lebanon | 20.00 | 20.5 | 3.25 | 3.5 | 9.00 | 9.0 |
| Bailey's Pennant Brand Fitting Ration (Coarse) | Colebrook | 14.00 | 15.3 | 3.25 | 3.8 | 11.00 | 7.3 |
| Bailey's Pennant Brand Horse Feed | Colebrook | 10.00 | 13.3 | 3.00 | 3.8 | 9.00 | 6.5 |
| Bailey's Pennant Brand Laying Mash | Colebrook | 20.00 | 21.2 | 3.50 | 5.3 | 7.00 | 6.5 |
| **Bailey's Pennant Brand Mo-Bulk | Colebrook | 10.50 | 13.1 | 1.50 | 2.1 | 17.00 | 14.4 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------------|------------------|------------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| E. W. Bailey (continued) | | | | | | | |
| Bailey's Pennant Brand Pasture Ration | Colebrook | 14.00 | 18.4 | 3.75 | 3.5 | 14.00 | 9.7 |
| Bailey's Pennant Brand Pig Feed | Colebrook | 17.00 | 18.1 | 3.50 | 5.4 | 7.00 | 7.2 |
| Bailey's Pennant Brand Provender | Colebrook | 10.00 | 10.1 | 3.50 | 4.0 | 8.00 | 6.3 |
| *Bailey's Pennant Brand Stock Feed | Colebrook | 9.50 | 11.6 | 3.00 | 3.8 | 15.00 | 12.7 |
| Bailey's Pennant Brand Sulfaquinoxaline in Pennant Chick Starter | Colebrook | 20.00 | 21.4 | 3.50 | 4.8 | 5.50 | 5.5 |
| Bailey's Pennant Brand 32% Supplement | Colebrook | 32.00 | 32.1 | 3.00 | 3.2 | 10.00 | 8.2 |
| Bailey's Pennant Brand 16% Test Ration | Colebrook | 16.00 | 16.2 | 3.25 | 2.8 | 9.00 | 7.5 |
| Battle Creek Dog Food Co. | | | | | | | |
| Battle Creek, Mich. | | | | | | | |
| **Millers Dog Food | Concord | 17.50 | 16.8 | 3.50 | 15.8 | 1.00 | 0.1 |
| Millers Dog Meal | Keene | 22.00 | 24.1 | 3.00 | 3.9 | 4.00 | 2.7 |
| Millers Kibbles Dog Food | Keene | 22.00 | 24.4 | 2.00 | 2.5 | 3.00 | 1.5 |
| The Beacon Milling Co., Inc. | | | | | | | |
| Cayuga, N. Y. | | | | | | | |
| Auburn "16" | Dover | 16.00 | 18.2 | 3.00 | 3.7 | 10.00 | 7.4 |
| Auburn "20" | Dover | 20.00 | 22.4 | 3.00 | 3.0 | 10.00 | 6.5 |
| Beacon "15" with Pellets | Manchester | 15.00 | 15.4 | 4.00 | 4.5 | 9.00 | 6.6 |
| Beacon "16" | Dover | 16.0 | 17.7 | 3.50 | 4.2 | 9.00 | 7.6 |
| Beacon Breeders Mash | Weare | 22.00 | 22.7 | 3.50 | 4.8 | 6.50 | 5.3 |
| Beacon Broiler Feed | Dover | 23.00 | 26.1 | 3.50 | 4.9 | 4.75 | 4.2 |
| Beacon C-C Pellets | Weare | 15.00 | 15.9 | 4.50 | 7.1 | 5.00 | 3.9 |
| Beacon Complete Starter | Dover | 23.00 | 27.3 | 3.50 | 4.8 | 4.75 | 4.7 |
| Beacon Dairy Fitting | Dover | 14.00 | 15.7 | 3.25 | 3.7 | 9.00 | 7.3 |
| Beacon "22" Egg Mash | Weare | 22.00 | 22.2 | 3.50 | 4.3 | 6.50 | 5.0 |
| Beacon Goat Ration | Manchester | 16.00 | 17.4 | 3.00 | 3.5 | 10.00 | 6.6 |
| Beacon "18" Growing Mash | Manchester | 18.00 | 18.6 | 3.50 | 4.4 | 6.25 | 5.6 |
| Beacon Nitrophenide Mix in Beacon Complete Starter | Dover | 23.00 | 23.9 | 3.50 | 5.1 | 4.75 | 3.9 |
| Beacon Nitrophenide Arsonic Growth Stimulant in Broiler Feed | Manchester | 23.00 | 23.7 | 3.50 | 4.3 | 4.75 | 4.2 |
| Beacon Nitrophenide w/Arsonic Growth Stimulant in Beacon Broiler finisher | Manchester | 16.00 | 16.7 | 3.50 | 4.2 | 5.75 | 4.4 |
| Beacon Nitrosal Mix in Beacon Broiler Feed | Dover | 23.00 | 24.8 | 3.50 | 5.1 | 4.75 | 4.7 |
| Beacon Nitrosal Mix in Beacon Complete Starter | Dover | 23.00 | 24.5 | 3.50 | 4.4 | 4.75 | 3.8 |
| Beacon Poultry Fitting | Weare | 11.00 | 11.2 | 3.00 | 3.2 | 7.50 | 4.7 |
| Beacon Sulfaquinoxaline in Beacon S.Q. Control Mash | Dover | 18.00 | 20.6 | 3.50 | 4.5 | 6.00 | 4.9 |
| Beacon "18" Test Cow Ration | Dover | 18.00 | 19.4 | 3.75 | 4.2 | 9.00 | 8.1 |
| Beacon Turkey and Game Bird Fitting | Manchester | 10.00 | 10.5 | 3.00 | 3.3 | 9.00 | 5.5 |
| Beacon Turkey & Game Bird Fitting | Dover | 10.00 | 10.7 | 3.00 | 3.0 | 9.00 | 4.8 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Beacon Milling Co. (continued) | | | | | | | |
| Beacon Turkey & Game Bird Flushing Mash | Dover | 15.0 | 16.4 | 4.50 | 10.3 | 5.00 | 3.9 |
| Beacon Worm Mash | Weare | 20.00 | 21.0 | 3.00 | 4.2 | 5.75 | 4.8 |
| Be-Co-Lass | Dover | 11.00 | 12.1 | 2.00 | 3.0 | 13.00 | 11.0 |
| Beech Hill Co. | | | | | | | |
| Eastport, Maine | | | | | | | |
| **Kit 'n' Kat Cat Food | Portsmouth | 50.00 | 63.1 | 10.00 | 10.3 | 1.00 | 0.9 |
| The Borden Company | | | | | | | |
| New York, N. Y. | | | | | | | |
| Flaydry | Bow | 24.00 | 31.3 | 2.00 | 3.2 | 6.50 | 5.7 |
| Borden Soy Processing Co. | | | | | | | |
| Kankakee, Ill. | | | | | | | |
| Borden's 44% Protein Solvent Extracted Soybean Oil Meal | Greenfield | 44.0 | 46.5 | 0.50 | 0.8 | 7.00 | 5.6 |
| Boswell Company | | | | | | | |
| Atlanta, Ga. | | | | | | | |
| **Pure Gold Brand 41% Protein Cotton Seed Meal | Greenfield | 41.00 | 42.1 | 4.00 | 5.9 | 13.00 | 11.8 |
| Bremco Alfalfa Mills, Inc. | | | | | | | |
| New Bremen, Ohio | | | | | | | |
| **Medo Green Alfalfa Meal | Manchester | 17.00 | 17.4 | 1.50 | 2.5 | 27.00 | 24.4 |
| Brown Forman Co. | | | | | | | |
| Louisville, Ky. | | | | | | | |
| B-F Corn Distillers Dried Grains | Bow | 23.00 | 23.9 | 7.00 | 9.4 | 15.00 | 13.8 |
| **B-F Corn Distillers Solubles | Bow | 24.00 | 29.1 | 8.00 | 7.5 | 4.00 | 4.4 |
| The Buckeye Cotton Oil Co. | | | | | | | |
| Cincinnati, Ohio | | | | | | | |
| Buckeye 44% Protein Solvent Extracted Soybean Oil Meal | Manchester | 44.00 | 47.1 | 0.50 | 0.5 | 7.00 | 5.3 |
| Buckeye 44% Protein Solvent Extracted Soybean Oil Meal | Manchester | 44.00 | 45.5 | 0.50 | 0.5 | 7.00 | 6.1 |
| Calo Dog Food Co., Inc. | | | | | | | |
| W. Hanover, Mass. | | | | | | | |
| Calo Cat Food | Concord | 10.00 | 10.0 | 2.00 | 3.8 | 1.00 | 0.6 |
| Calo Dog Food | Concord | 10.00 | 10.0 | 2.00 | 3.9 | 1.00 | 0.7 |
| Calo Dog Food 100% Horsemeat | Concord | 15.00 | 15.3 | 3.00 | 9.8 | 1.00 | 0.2 |
| Canada Starch Co. | | | | | | | |
| Cardinal, Ont., Canada | | | | | | | |
| **Edwardsburg Corn Gluten Meal | Manchester | 41.00 | 40.4 | 1.00 | 3.3 | 6.00 | 5.7 |
| The A. B. Caple Co. | | | | | | | |
| Toledo, Ohio | | | | | | | |
| **Alfalfa Meal | Keene | 13.00 | 11.9 | 1.00 | 1.5 | 33.00 | 36.1 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|--------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Cargill, Inc. Minneapolis, Minn. | | | | | | | |
| Cargill, Inc., 44% Protein Solvent Extracted Soybean Oil Meal .. | Nashua | 44.00 | 46.1 | 0.50 | 0.8 | 7.00 | 5.8 |
| Car-O-Green, Inc. Kansas City, Mo. | | | | | | | |
| **Car-O-Green Dehydrated Alfalfa Granules '56 | Keene | 17.00 | 17.1 | 1.50 | 2.7 | 27.00 | 22.1 |
| **Car-O-Green Dehydrated Alfalfa Granules '56 | Keene | 17.00 | 16.7 | 1.50 | 3.1 | 27.00 | 23.9 |
| Central Mills, Inc. Dunbridge, Ohio | | | | | | | |
| **Cent-CM-Green Alfalfa Meal ... | Concord | 17.00 | 17.2 | 1.50 | 2.6 | 27.00 | 25.6 |
| Central Soya Co. Fort Wayne, Ind. | | | | | | | |
| Star Brand 44% Solvent Extracted Soybean Oil Meal | Potter Place | 44.00 | 46.2 | 0.5 | 1.9 | 7.00 | 5.2 |
| Citrus Feed Co. Lakeland, Fla. | | | | | | | |
| Ace High All-Sweet Dried Citrus Pulp | Epping | 6.00 | 5.2 | 3.00 | 5.1 | 10.00 | 8.7 |
| Clinton Foods, Inc. Clinton, Iowa | | | | | | | |
| Clinton Corn Glutin Feed | Colebrook | 23.00 | 25.4 | 2.00 | 2.4 | 8.50 | 7.3 |
| Clinton Foods, Inc. Auburndale, Fla. | | | | | | | |
| McDonald Dried Citrus Meal | Bow | 6.00 | 6.0 | 2.50 | 1.7 | 20.00 | 12.8 |
| Coast Fisheries; Div. of Quaker Oats Co. Wilmington, Calif. | | | | | | | |
| Puss 'n' Boots Cat Food | Concord | 12.00 | 13.5 | 2.00 | 2.7 | 1.00 | 0.7 |
| Coatsworth & Cooper Ltd. Toronto, Canada | | | | | | | |
| C & C Wheat Shorts | Epping | 16.00 | 14.8 | 5.00 | 3.2 | 8.00 | 4.1 |
| Commercial Solvents Corp. Peoria, Ill. | | | | | | | |
| **BY-500 Dried Corn Fermentation Solubles | Greenfield | 30.00 | 30.3 | 4.00 | 5.3 | 9.00 | 6.6 |
| The Connecticut Grain Corp. Lowell, Mass. | | | | | | | |
| **Superior Brand Dried Brewers Grains | Manchester | 24.00 | 24.5 | 6.00 | 7.2 | 17.00 | 14.5 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Brand | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | | |
|---|--|--------------|------------------------------------|-------|------------------|-------|------------------|-------|--|
| | | | Protein | | Fat | | Crude Fiber | | |
| | | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | |
| Consolidated Products Danville, Ill. | | | | | | | | | |
| | Kaff-A Calf Starter | Colebrook | 22.00 | 22.8 | 4.00 | 2.8 | 2.00 | 0.9 | |
| Consolidated Rendering Co. Boston, Mass. | | | | | | | | | |
| | Coreno Feeding Bone Meal | Manchester | 10.00 | 13.1 | ... | ... | ... | ... | |
| | Coreno 43% Meat & Bone Scrap | Bow | 43.00 | 42.3 | 6.00 | 10.0 | ... | ... | |
| | Coreno 43% Meat & Bone Scrap | Epping | 43.00 | 44.8 | 6.00 | 9.7 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Manchester | 45.00 | 45.9 | 6.00 | 7.5 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Potter Place | 45.00 | 46.1 | 6.00 | 6.6 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Keene | 45.00 | 46.1 | 6.00 | 7.9 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Keene | 45.00 | 46.3 | 6.00 | 8.1 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Manchester | 45.00 | 46.8 | 6.00 | 8.4 | ... | ... | |
| | Coreno 45% Meat & Bone Scrap | Bow | 45.00 | 47.4 | 6.00 | 8.0 | ... | ... | |
| | Coreno 47% Meat & Bone Scrap | Bow | 47.00 | 47.2 | 6.00 | 8.8 | ... | ... | |
| Copeland Flour Mills, Ltd. Midland, Canada | | | | | | | | | |
| | Dandy Wheat Shorts | Manchester | 15.00 | 16.5 | 4.50 | 4.5 | 8.00 | 5.4 | |
| | Dandy Wheat Shorts | Colebrook | 15.00 | 16.8 | 4.50 | 5.1 | 8.00 | 6.6 | |
| Corn Products Sales Co. New York, N. Y. | | | | | | | | | |
| | Diamond Brand Corn Gluten Meal | Bow | 41.00 | 43.6 | 1.00 | 2.4 | 6.00 | 5.8 | |
| | Buffalo Brand Corn Gluten Feed "Sweetened" | N. Haverhill | 18.00 | 24.0 | 0.75 | 2.9 | 9.00 | 7.4 | |
| | Buffalo Corn Gluten Feed | Bow | 23.00 | 24.4 | 1.00 | 2.3 | 10.00 | 8.2 | |
| Chas. M. Cox Co. Boston, Mass. | | | | | | | | | |
| | Provender | Charlestown | 9.00 | 9.6 | 3.00 | 3.4 | 8.00 | 4.8 | |
| | Wirthmore Aureomycin Mixture | Charlestown | 9.00 | 9.6 | 3.00 | 3.4 | 8.00 | 4.8 | |
| | Wirthmore Quickies | Portsmouth | 20.00 | 21.4 | 2.50 | 3.9 | 4.00 | 3.6 | |
| | Wirthmore Breeder Mash | Portsmouth | 20.00 | 21.5 | 3.00 | 3.4 | 7.00 | 5.1 | |
| | Wirthmore Calf Starter Meal | Plymouth | 22.00 | 23.8 | 3.50 | 3.9 | 7.00 | 5.8 | |
| | Wirthmore Calving Ration | Charlestown | 14.00 | 15.7 | 3.50 | 3.8 | 10.00 | 7.2 | |
| | Wirthmore Challenger Coarse 14 Dairy Ration | Lisbon | 14.00 | 15.8 | 3.00 | 5.1 | 12.00 | 8.5 | |
| | Wirthmore Complete Breeder Ra- tion | Keene | 15.00 | 16.9 | 3.00 | 3.4 | 6.00 | 4.8 | |
| | Wirthmore Complete Chick Start- er | Keene | 20.00 | 20.1 | 2.50 | 2.9 | 6.00 | 4.2 | |
| | Wirthmore Complete Egg Ration | Keene | 15.00 | 15.1 | 3.00 | 3.5 | 6.00 | 4.7 | |
| | Wirthmore Complete Growing Ra- tion | Keene | 15.00 | 15.3 | 3.00 | 3.1 | 6.00 | 4.6 | |
| | Wirthmore 16 Dairy Ration | Littleton | 16.00 | 17.9 | 3.50 | 3.9 | 9.00 | 6.4 | |
| | Wirthmore 20 Dairy Ration | Lancaster | 20.00 | 22.2 | 3.50 | 3.7 | 9.00 | 7.0 | |
| | Wirthmore Dog Biscuits Bone Shaped | Concord | 22.00 | 25.5 | 2.00 | 3.3 | 3.00 | 1.6 | |
| | Wirthmore 14 Fitting Ration | Hillsboro | 14.00 | 15.2 | 3.50 | 4.1 | 9.00 | 6.1 | |
| | Wirthmore Fodder Greens | Lisbon | 9.00 | 9.4 | 2.00 | 2.5 | 18.00 | 10.8 | |
| | Wirthmore Growing Mash (Pel- lets) | Portsmouth | 18.00 | 20.1 | 3.00 | 3.8 | 7.00 | 5.1 | |

* Protein and fat not less than, crude fiber not more than.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | | |
|-----------------------------------|--|------------------------------------|-------|------------------|-------|------------------|-------|-----|
| | | Protein | | Fat | | Crude Fiber | | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | |
| Charles M. Cox (continued) | | | | | | | | |
| Wirthmore | Hi-Ener-G Breeder .. | Portsmouth | 16.00 | 17.1 | 3.00 | 3.7 | 4.50 | 3.3 |
| Wirthmore | Hi-Ener-G Layer | Lancaster | 16.00 | 18.1 | 3.00 | 3.4 | 4.50 | 3.3 |
| Wirthmore | Hog Grower | Littleton | 15.00 | 18.1 | 4.00 | 4.4 | 6.00 | 5.1 |
| Wirthmore | Horse Feed | Colebrook | 10.00 | 11.5 | 3.25 | 4.0 | 9.00 | 7.6 |
| Wirthmore | Horse Feed | Lancaster | 10.00 | 11.5 | 3.25 | 3.5 | 9.00 | 8.0 |
| Wirthmore | Laying Mash (Pellets) | Keene | 20.00 | 20.0 | 3.00 | 3.1 | 7.00 | 5.9 |
| Wirthmore | Pig & Sow Feed ... | Colebrook | 17.00 | 19.5 | 3.50 | 3.7 | 8.00 | 5.9 |
| Wirthmore | Poultry Flush | Plymouth | 15.00 | 18.8 | 2.50 | 2.5 | 6.00 | 4.5 |
| Wirthmore | Rabbit Pellets | Plymouth | 17.00 | 16.6 | 3.50 | 4.1 | 12.00 | 8.4 |
| Wirthmore | 16 Record Ration ... | Hillsboro | 16.00 | 18.1 | 3.50 | 4.3 | 9.00 | 7.2 |
| Wirthmore | Stock Feed | Colebrook | 10.00 | 19.3 | 3.00 | 3.6 | 11.00 | 9.1 |
| | .0125% Sulfaquinoxaline in Wirthmore Complete Chick Starter | Concord | 20.00 | 20.8 | 2.50 | 3.2 | 6.00 | 4.7 |
| | .0175% Sulfaquinoxaline in Wirthmore Improved Hi-Ener-G Starter & Broiler Ration | Charlestown | 20.00 | 20.7 | 3.00 | 3.2 | 4.00 | 3.7 |
| | .0175% Sulfaquinoxaline in Wirthmore Improved Hi-Energy Starter & Broiler Ration | Keene | 20.00 | 21.0 | 3.00 | 3.2 | 4.00 | 3.0 |
| Wirthmore | Sulfaquinoxaline Mixture in a Poultry Mash Base | Charlestown | 20.00 | 22.7 | 3.00 | 2.7 | 4.00 | 3.2 |
| Wirthmore | Turkey Fattening Ration | Littleton | 16.00 | 18.1 | 3.00 | 3.9 | 7.00 | 5.0 |
| Wirthmore | Twin-Mix Calf Ration | Keene | 17.00 | 18.3 | 3.00 | 3.4 | 8.00 | 6.2 |
| Dawe's Laboratories, Inc. | | | | | | | | |
| Chicago, Ill. | | | | | | | | |
| **Dawe's | Vitamelk Base (D.V. Base) | Nashua | 34.00 | 35.0 | 1.00 | 2.0 | 7.00 | 5.4 |
| **Dawe's | Vitamelk Base (D.V. Base) | Greenfield | 34.00 | 34.4 | 1.00 | 2.0 | 7.00 | 5.2 |
| Decatur Milling Co., Inc. | | | | | | | | |
| Decatur, Ill. | | | | | | | | |
| | Hominy Feed | Epping | 9.00 | 9.9 | 5.00 | 8.1 | 6.00 | 4.1 |
| Deep Run Packing Co. | | | | | | | | |
| Dublin, Pa. | | | | | | | | |
| | Big Bet Horse Meat Dog Food .. | Concord | 17.00 | 17.3 | 3.00 | 13.4 | 1.50 | 0.2 |
| | Big Bet Horse Meat Dog Food .. | Concord | 17.00 | 16.0 | 3.0 | 10.5 | 1.50 | 0.3 |
| | Big Bet Ration Dog Food | Concord | 10.00 | 8.2 | 3.00 | 3.3 | 1.50 | 0.8 |
| **Smittys | Dog Food | Concord | 17.00 | 18.4 | 3.00 | 12.6 | 1.50 | 0.1 |
| Deep Sea Products, Inc. | | | | | | | | |
| South Portland, Maine | | | | | | | | |
| | Fish Meal | Manchester | 60.00 | 59.2 | 5.00 | 9.8 | 1.50 | 0.2 |
| Delaware Mills, Inc. | | | | | | | | |
| Deposit, N. Y. | | | | | | | | |
| ***Delamycin | | Farmington | 20.00 | 20.1 | 2.50 | 3.9 | 4.50 | 4.7 |
| Delaware | Broiler Mash | Farmington | 22.00 | 22.6 | 3.00 | 4.3 | 4.50 | 4.4 |
| Delaware | Complete Growing Mash | Farmington | 15.00 | 16.8 | 3.00 | 4.1 | 7.00 | 6.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

*** Mislabeled.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|---------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Delaware Mills (continued) | | | | | | | |
| **Delaware Complete Laying Mash | Farmington | 16.00 | 18.2 | 3.00 | 3.9 | 7.00 | 7.3 |
| **Delaware Crisp Dog Food | Farmington | 23.00 | 25.4 | 3.50 | 5.3 | 4.50 | 2.7 |
| Delaware 18% Dairy Feed (Special) | Farmington | 18.00 | 19.9 | 3.50 | 4.5 | 12.00 | 8.7 |
| Delaware Fattening Mash (Crumbles) | Farmington | 14.00 | 16.2 | 3.00 | 4.7 | 5.50 | 6.4 |
| Delaware Fattening Mash (Pellets) | Farmington | 14.00 | 16.2 | 3.00 | 4.2 | 5.50 | 6.2 |
| Delaware Fitting Ration | Farmington | 14.00 | 14.7 | 3.00 | 3.4 | 11.00 | 8.9 |
| Delaware Flushing Mash | Farmington | 11.00 | 11.8 | 2.00 | 3.6 | 5.00 | 4.6 |
| **Delaware Granular Dog Food | Farmington | 23.00 | 26.1 | 3.00 | 5.8 | 4.50 | 2.7 |
| Delaware Horse Feed | Farmington | 9.00 | 10.8 | 2.00 | 3.3 | 11.00 | 7.3 |
| Delaware Pig & Hog Feed | Farmington | 15.00 | 17.3 | 2.50 | 3.9 | 7.00 | 7.2 |
| Delaware Poultry Fitting Ration | Farmington | 12.00 | 12.2 | 2.00 | 2.6 | 8.00 | 6.2 |
| Delaware Sulfaquinoxaline Mixture in Delaware Broiler Mash | Farmington | 22.00 | 22.0 | 3.00 | 4.4 | 4.50 | 4.1 |
| Delaware Sulfaquinoxaline in Delaware Turkey Starting Mash | Farmington | 24.00 | 24.1 | 2.50 | 3.9 | 6.00 | 6.0 |
| Delaware 18% Test Ration | Farmington | 18.00 | 18.9 | 4.00 | 4.4 | 9.00 | 8.4 |
| Delaware Turkey Fitting Ration | Farmington | 11.00 | 11.7 | 2.00 | 3.2 | 8.00 | 6.3 |
| Delaware Turkey Growing Mash (Crumbles) | Farmington | 20.00 | 21.4 | 2.50 | 3.7 | 6.50 | 6.4 |
| Delaware Turkey Growing Mash (Pellets) | Farmington | 20.00 | 20.7 | 2.50 | 4.1 | 6.50 | 6.1 |
| ***Delquinox in Delaware Starter and Broiler Ration | Farmington | 20.00 | 21.7 | 2.50 | 4.1 | 6.00 | 5.4 |
| ***Delquinox in Delaware Starter & Broiler Ration w/200 gram Aureomycin | Derry Village | 20.00 | 21.3 | 2.50 | 4.1 | 6.00 | 5.9 |
| **Nitrophenide (megasul) and Arsanilic Acid in Delaware Broiler Mash | Farmington | 22.00 | 22.1 | 3.00 | 4.3 | 4.50 | 4.3 |
| Delham Food Products Co., Inc. | | | | | | | |
| Brighton, Mass. | | | | | | | |
| Kim's 100% Horsemeat Dog Food | Concord | 18.00 | 18.0 | 5.00 | 11.4 | 0.05 | 0.0 |
| Dietrich & Gambrill, Inc. | | | | | | | |
| Frederick, Md. | | | | | | | |
| D&G Gambrill's Laying Mash | Lecon'a | 20.00 | 20.6 | 3.00 | 5.0 | 8.00 | 5.9 |
| Distillers Corp., Ltd. | | | | | | | |
| Montreal, Canada | | | | | | | |
| Distilco Corn Distillers Dried Grains | Greenfield | 25.00 | 27.2 | 8.00 | 12.1 | 12.00 | 9.5 |
| Dow Brewery, Ltd. | | | | | | | |
| Montreal 3, Quebec | | | | | | | |
| **Dow's Dried Brewers' Grains | Keene | 22.00 | 20.1 | 7.00 | 8.2 | 15.00 | 17.5 |
| John C. Dow Co. | | | | | | | |
| Gloucester, Mass. | | | | | | | |
| Dow's Crumpled Meal Dog Food | Claremont | 24.00 | 28.1 | 4.00 | 5.0 | 3.50 | 1.8 |
| Dow's Crunchy Dog Food | Claremont | 21.00 | 24.2 | 2.50 | 4.3 | 2.00 | 1.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

*** Mislabeled.

| Manufacturer Brand | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Doyle Pacing Co., Inc. of N. J. | | | | | | | |
| Long Branch, N. J. | | | | | | | |
| **Strongheart Dog Food | Concord | 8.00 | 8.7 | 2.00 | 2.6 | 1.50 | 0.1 |
| The Drackett Co. | | | | | | | |
| Cincinnati 32, Ohio | | | | | | | |
| **Super Charge | Concord | 17.00 | 21.0 | 9.00 | 11.5 | 2.00 | 1.1 |
| Eastern States Farmers Exchange, Inc. | | | | | | | |
| W. Springfield, Mass. | | | | | | | |
| Eastern States All-Mash Breeder | Dover | 15.50 | 16.1 | 2.50 | 3.8 | 4.50 | 3.1 |
| Eastern States All-Mash Developer | Manchester | 16.00 | 16.8 | 2.50 | 4.0 | 4.50 | 4.1 |
| Eastern States All-Mash Developer WN | Manchester | 16.00 | 17.2 | 2.50 | 3.8 | 4.50 | 3.9 |
| Eastern States All Mash Producer | Manchester | 15.50 | 17.4 | 2.50 | 3.9 | 4.50 | 3.8 |
| Eastern States Calf Starter | Woodsville | 20.00 | 21.7 | 3.00 | 3.6 | 6.00 | 4.9 |
| Eastern States Calving Ration | Woodsville | 9.50 | 9.7 | 1.50 | 1.7 | 15.00 | 12.6 |
| Eastern States Champion | Woodsville | 14.00 | 17.3 | 2.50 | 3.3 | 7.50 | 5.5 |
| Eastern States Champion | Claremont | 14.00 | 16.4 | 2.50 | 3.0 | 7.50 | 4.9 |
| Eastern States Dog Feed | Woodsville | 24.00 | 25.6 | 5.50 | 7.5 | 4.00 | 3.0 |
| Eastern States Fitting Ration | Woodsville | 14.00 | 15.0 | 3.00 | 4.8 | 8.50 | 7.0 |
| Eastern States Fulpail | Woodsville | 20.00 | 20.7 | 3.50 | 4.0 | 8.50 | 7.6 |
| Eastern States Milkmore | Woodsville | 16.00 | 17.2 | 3.50 | 4.2 | 8.50 | 7.4 |
| Eastern States Milksaver | Claremont | 24.00 | 25.3 | 1.00 | 3.6 | 1.00 | 0.7 |
| Eastern States Nitrophenide Mix- ture in Pacemaker | Claremont | 20.00 | 20.4 | 2.50 | 3.1 | 4.00 | 3.4 |
| Eastern States Nitrophenide in Pacemaker Plus | Manchester | 20.00 | 20.6 | 2.50 | 4.2 | 4.00 | 3.6 |
| Eastern States Pacemaker Plus | Dover | 20.00 | 20.9 | 2.50 | 3.7 | 4.00 | 3.2 |
| Eastern States Pig Primer | Woodsville | 16.00 | 16.1 | 3.00 | 3.8 | 6.00 | 4.4 |
| Eastern States Pork Builder | Woodsville | 14.00 | 15.5 | 3.00 | 3.8 | 4.00 | 2.8 |
| Eastern States Producer | Manchester | 22.00 | 22.3 | 2.50 | 3.5 | 5.00 | 4.0 |
| Eastern States Sulfaquinoxaline Mixture in E. S. Minuteman (Pellets) | Woodsville | 20.00 | 20.3 | 2.50 | 4.1 | 4.50 | 4.4 |
| Eastern States 36% Supplement | Dover | 36.00 | 38.5 | 1.50 | 2.3 | 8.00 | 6.5 |
| Eastern States Sweepstakes | Woodsville | 16.00 | 18.2 | 3.50 | 4.2 | 8.00 | 6.0 |
| Eastern States Turkey Grower (Pellets) | Manchester | 20.00 | 21.2 | 2.50 | 4.1 | 4.50 | 4.2 |
| B. A. Eckhart Milling Co. | | | | | | | |
| Chicago, Ill. | | | | | | | |
| **Ecko Pure Wheat Bran | Bow | 14.00 | 16.8 | 3.50 | 4.8 | 12.00 | 8.7 |
| Standard Wheat Middlings w/GWS | Portsmouth | 15.00 | 16.4 | 4.00 | 4.0 | 9.50 | 4.9 |
| Elm City Grain | | | | | | | |
| Keene, N. H. | | | | | | | |
| Elm Tree All Mash Breeder | Keene | 16.00 | 18.3 | 3.50 | 4.2 | 8.00 | 6.0 |
| Elm Tree All Mash Laying | Keene | 16.00 | 16.8 | 3.50 | 3.9 | 8.00 | 7.4 |
| Elm Tree 22% Breeder Mash (Pel- lets) | Keene | 22.00 | 20.9 | 3.50 | 4.1 | 5.50 | 6.3 |
| Elm Tree Chick Starter | Keene | 20.00 | 23.2 | 4.00 | 4.2 | 8.00 | 5.7 |
| Elm Tree Dairy Feed | Keene | 18.00 | 19.9 | 3.50 | 3.6 | 11.00 | 7.4 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------------|------------------|------------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Elm City Grain (continued) | | | | | | | |
| Elm Tree 16% Dairy Feed | Keene | 16.00 | 19.3 | 3.50 | 3.5 | 11.00 | 8.8 |
| Elm Tree 16% Dairy Feed | Keene | 16.00 | 18.1 | 3.50 | 3.7 | 11.00 | 8.8 |
| Elm Tree 14% Dry & Fitting Ration | Keene | 14.00 | 14.7 | 3.50 | 3.9 | 11.00 | 7.7 |
| Elm Tree 14% Fitting Ration | Keene | 14.00 | 15.3 | 3.50 | 3.6 | 11.00 | 7.9 |
| Elm Tree 14% Fitting Ration | Keene | 14.00 | 14.5 | 3.50 | 3.7 | 11.00 | 8.5 |
| Elm Tree Growing Mash | Keene | 18.00 | 18.9 | 3.50 | 3.8 | 8.00 | 6.3 |
| Elm Tree Hi-Eff Breeder | Keene | 16.00 | 16.4 | 3.50 | 4.1 | 5.00 | 5.0 |
| Elm Tree Hi-Lo Starter and Broiler | Keene | 20.00 | 21.8 | 3.50 | 3.8 | 4.50 | 4.3 |
| Elm Tree Laying Mash | Keene | 19.00 | 20.8 | 3.50 | 4.1 | 9.00 | 6.5 |
| Elm Tree Pig & Hog Feed | Keene | 14.00 | 16.1 | 4.00 | 3.6 | 10.00 | 6.0 |
| Elm Tree Pig & Hog Feed | Keene | 14.00 | 15.7 | 4.00 | 3.8 | 10.00 | 6.2 |
| Elm Tree Poultry Fitting | Keene | 10.00 | 11.8 | 3.00 | 3.5 | 9.00 | 6.3 |
| Elm Tree Provender | Keene | 10.00 | 11.1 | 3.50 | 4.3 | 8.00 | 6.6 |
| Elmore Milling Co. | | | | | | | |
| Oneonta, N. Y. | | | | | | | |
| Elmore Complete Growing Ration (Pellets) | Jaffrey | 15.00 | 21.8 | 3.00 | 3.6 | 5.00 | 4.8 |
| Elmore Complete Market Egg Mash | Jaffrey | 15.00 | 18.9 | 3.00 | 3.4 | 4.50 | 3.7 |
| Elmore Dry and Freshening Ration | Nashua | 12.00 | 16.5 | 3.25 | 3.8 | 9.00 | 7.1 |
| Elmore Egg Mash | Jaffrey | 20.00 | 18.7 | 2.50 | 3.9 | 6.00 | 5.1 |
| Elmore Fitting Ration | Jaffrey | 14.00 | 12.6 | 4.00 | 4.3 | 8.00 | 5.1 |
| Elmore Flaked Pelleted Calf Starter | Greenland | 18.00 | 15.8 | 2.50 | 4.7 | 8.00 | 6.4 |
| Elmore Growing Mash (Hi Energy Hi Efficiency) | Nashua | 18.00 | 21.4 | 2.50 | 3.7 | 6.00 | 4.6 |
| Elmore Hog Ration | Jaffrey | 15.00 | 16.9 | 4.00 | 4.1 | 8.00 | 3.6 |
| Elmore Horse Feed | Jaffrey | 9.00 | 11.7 | 2.50 | 3.7 | 11.00 | 4.5 |
| Elmore Milk Grains "Sixteen" | Jaffrey | 16.00 | 19.9 | 3.50 | 4.0 | 9.00 | 5.9 |
| Elmore Pacemaker 16% Dairy Ration | Jaffrey | 16.00 | 18.4 | 3.00 | 4.3 | 10.00 | 4.2 |
| Elmore Pacemaker 16% Dairy Ration | Greenland | 16.00 | 18.8 | 3.00 | 3.7 | 10.00 | 8.0 |
| Elmore Pacemaker Fitting Ration | Jaffrey | 14.00 | 18.9 | 3.50 | 3.8 | 9.00 | 3.9 |
| Elmore Turkey Finisher (Fattener) | Greenland | 16.00 | 17.8 | 3.00 | 3.7 | 8.00 | 5.2 |
| Elmore Turkey Growing Mash | Jaffrey | 20.00 | 19.3 | 2.50 | 4.4 | 8.00 | 3.8 |
| John W. Eshelman & Sons | | | | | | | |
| Lancaster, Pa. | | | | | | | |
| Eshelman Calf Meal | Keene | 22.00 | 23.6 | 3.00 | 3.1 | 5.00 | 5.0 |
| Eshelman Red Rose Breeder Mash | Keene | 20.00 | 20.7 | 3.50 | 4.1 | 5.50 | 5.3 |
| Eshelman Red Rose Calf Grower | Keene | 14.00 | 15.2 | 3.00 | 4.1 | 8.50 | 7.3 |
| Eshelman Red Rose Calf Starter | Keene | 18.00 | 19.9 | 3.00 | 3.1 | 8.00 | 6.7 |
| Eshelman Red Rose 16 Dairy Feed | Keene | 16.00 | 17.8 | 3.50 | 3.9 | 9.50 | 7.7 |
| Eshelman Red Rose Dog & Puppy Food | Keene | 23.00 | 26.6 | 4.75 | 6.7 | 4.50 | 3.8 |
| Eshelman Red Rose Fitting Ration | Keene | 12.00 | 12.9 | 3.50 | 4.1 | 7.00 | 6.8 |
| Eshelman Red Rose Goat Ration | Keene | 16.00 | 17.1 | 3.00 | 3.5 | 10.00 | 6.3 |
| Eshelman Red Rose Horse Feed | Keene | 9.00 | 10.4 | 3.00 | 3.3 | 10.00 | 6.1 |
| Eshelman Red Rose Laying Mash | Keene | 20.00 | 21.1 | 3.50 | 4.0 | 5.50 | 5.2 |
| Eshelman's Red Rose Milk Replacer | Keene | 22.00 | 23.9 | 1.00 | 1.9 | 1.00 | 0.8 |
| Eshelman Red Rose TC Feed | Nashua | 18.00 | 20.0 | 3.00 | 4.9 | 5.00 | 5.0 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|--------------|------------------------------------|-------|--------------|-------|--------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |
| John W. Eshelman & Sons (continued) | | | | | | | |
| **Eshelman Sulfaquinoxaline in Red | | | | | | | |
| Rose Rabbit Pellets | Keene | 18.00 | 19.4 | 3.00 | 3.6 | 12.00 | 8.9 |
| Evans Industries, Inc. | | | | | | | |
| Marion, Ind. | | | | | | | |
| **Better Bite Dog Food | Manchester | 14.00 | 15.7 | 4.00 | 5.3 | 0.50 | 0.4 |
| Farmers Feed Co. | | | | | | | |
| 538 East 78th St. | | | | | | | |
| New York, N. Y. | | | | | | | |
| Bull Brand Dried Brewers Grain . . | Colebrook | 26.00 | 27.3 | 6.00 | 7.5 | 17.00 | 13.4 |
| Farmers Grain & Feed Co. | | | | | | | |
| Morrisville, Vermont | | | | | | | |
| Fortress 16% Dairy | N. Haverhill | 16.00 | 17.1 | 3.00 | 4.0 | 9.00 | 7.2 |
| Fortress 16% Dairy | Colebrook | 16.00 | 17.7 | 3.00 | 3.8 | 9.00 | 7.6 |
| Fortress 16% Dairy | Lancaster | 16.00 | 17.5 | 3.00 | 3.8 | 9.00 | 7.9 |
| Fortress 18% Dairy | Lancaster | 18.00 | 18.9 | 3.00 | 3.5 | 9.00 | 7.5 |
| Fortress 18% Dairy | Colebrook | 18.00 | 20.7 | 3.00 | 4.0 | 9.00 | 7.0 |
| Fortress Fitting Ration | Lancaster | 14.00 | 15.4 | 3.00 | 3.3 | 9.00 | 6.2 |
| Fortress Fitting Ration | N. Haverhill | 14.00 | 15.8 | 3.00 | 3.2 | 9.00 | 6.3 |
| Feed Products, Inc. | | | | | | | |
| Groveland, Fla. | | | | | | | |
| Bestest Brand "Nature Sweet" | | | | | | | |
| Dried Citrus Pulp | Weare | 6.00 | 5.6 | 5.00 | 4.3 | 12.00 | 9.2 |
| Florida Citrus Cannery Coop. | | | | | | | |
| Lake Wales, Fla. | | | | | | | |
| Lake Wales Brand Citrus Pulp . . | Lancaster | 6.00 | 6.1 | 3.00 | 5.3 | 16.00 | 13.0 |
| Food Products Co. of America | | | | | | | |
| Chicago, Ill. | | | | | | | |
| **Dog House Dog & Cat Food . . . | Alton | 10.00 | 10.3 | 2.00 | 2.6 | 1.50 | 0.5 |
| The Foster Canning Co., Inc. | | | | | | | |
| Farmingdale, N. J. | | | | | | | |
| Snappy Dog Food | Concord | 9.00 | 9.8 | 1.00 | 1.0 | 1.50 | 1.2 |
| Fowler Bros. | | | | | | | |
| Suncook, N. H. | | | | | | | |
| Sun Valley All Mash Breeder . . . | Suncook | 15.00 | 16.9 | 3.00 | 4.0 | 7.50 | 5.2 |
| Sun Valley Breeder Mash | Suncook | 20.00 | 21.2 | 3.00 | 4.5 | 7.50 | 5.3 |
| **Sun Valley Chick Starter | Suncook | 20.00 | 21.4 | 3.00 | 3.9 | 7.00 | 4.1 |
| Sun Valley Dairy Ration | Suncook | 16.00 | 19.9 | 3.50 | 3.5 | 10.00 | 6.0 |
| Funk Bros. Seed Co. | | | | | | | |
| Bloomington, Ill. | | | | | | | |
| **Funk's 44% Protein Solvent Ex- tracted Soybean Oil Meal | Suncook | 44.00 | 45.6 | 0.5 | 0.8 | 7.00 | 5.3 |
| General Foods Corp. | | | | | | | |
| Boston 10, Mass. | | | | | | | |
| Jack & Jill Cat Food | Concord | 14.00 | 16.2 | 0.25 | 0.5 | 0.25 | 0.1 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|------------|------------------------------------|-------|--------------|-------|--------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |
| General Mills, Inc. | | | | | | | |
| Detroit, Mich. | | | | | | | |
| Dried Molasses Beet Pulp | Woodsville | 7.00 | 10.1 | 0.30 | 0.4 | 20.00 | 16.0 |
| Dried Molasses Beet Pulp | Colebrook | 7.00 | 8.2 | 0.30 | 0.6 | 20.00 | 18.8 |
| * Farm Service Appetizer Mash | Exeter | 20.00 | 20.9 | 2.50 | 4.9 | 9.00 | 3.6 |
| Farm Service Complete Layer Mash | Nashua | 16.0 | 18.2 | 2.50 | 4.3 | 8.00 | 5.6 |
| Farm Service 20% Dairy Feed | Exeter | 20.00 | 22.6 | 2.50 | 2.7 | 10.00 | 7.8 |
| Farm Service 14% Fitting Ration | Exeter | 14.00 | 15.5 | 2.50 | 2.7 | 12.00 | 7.1 |
| ** Farm Service Hi-Energy All Mash | Nashua | 16.00 | 16.2 | 3.00 | 4.7 | 4.50 | 4.1 |
| ** Farm Service Hi-Energy Breeder Mash | Nashua | 20.00 | 19.7 | 3.00 | 4.2 | 5.00 | 4.2 |
| ** Farm Service Hi-Energy Breeder Mash (Pellets) | Nashua | 20.00 | 21.4 | 3.00 | 4.1 | 5.00 | 4.3 |
| Farm Service Horse Feed | Nashua | 9.00 | 10.4 | 3.00 | 3.7 | 9.50 | 6.2 |
| ** Farm Service Nitrosal Mix in Farm Service 20% Broiler Mash | Exeter | 20.00 | 20.3 | 3.50 | 4.6 | 6.00 | 5.3 |
| Farm Service Roaster Finisher Mash | Exeter | 18.00 | 18.3 | 3.50 | 4.8 | 5.50 | 4.4 |
| Gold Medal Complete Grower Mash | Nashua | 16.00 | 16.1 | 2.50 | 4.3 | 8.00 | 8.0 |
| Gold Medal Complete Layer Mash | Nashua | 16.00 | 15.6 | 2.50 | 3.3 | 8.00 | 7.6 |
| Gold Medal 16% Dairy Feed | Nashua | 16.00 | 15.6 | 2.50 | 3.3 | 10.00 | 9.1 |
| Gold Medal 14% Fitting Ration | Nashua | 14.00 | 14.1 | 2.50 | 2.6 | 12.00 | 8.3 |
| Gold Medal Hi-Efficiency All Mash | Nashua | 16.00 | 16.6 | 3.00 | 3.9 | 5.00 | 4.9 |
| Gold Medal Hi-Efficiency Breeder Mash | Nashua | 20.00 | 20.2 | 3.00 | 4.6 | 5.00 | 4.8 |
| Gold Medal 20% Layer Mash | Nashua | 20.00 | 20.4 | 2.50 | 3.8 | 8.00 | 7.2 |
| Gold Medal Sweet Feed | Nashua | 9.00 | 10.2 | 3.00 | 3.3 | 10.00 | 6.0 |
| Larro Chick Grains | Exeter | 8.00 | 9.8 | 2.00 | 2.7 | 4.00 | 3.6 |
| Larro Nitrofurazone w/Arsonic Growth Stimulant in Larro Surebroiler | Laconia | 20.00 | 21.7 | 3.00 | 4.0 | 5.50 | 3.5 |
| Larro Nitrofurazone with Arsonic Growth Stimulant in Larro Surebroiler | Exeter | 20.00 | 18.4 | 3.00 | 4.3 | 5.50 | 6.2 |
| Larro Nitrofurazone with Arsonic Growth Stimulant in Surebroiler Starter | Nashua | 20.00 | 21.2 | 2.50 | 3.9 | 4.50 | 3.8 |
| Larro Nitrofurazone Mix in Larro Surebroiler Supplement | Exeter | 18.00 | 18.2 | 2.50 | 3.6 | 6.00 | 4.6 |
| Larro 3 Nitro Mix in Larro Surebroiler | Exeter | 20.00 | 21.9 | 3.00 | 3.5 | 5.50 | 3.5 |
| Larro Nitrosal Mix in Larro Broiler Supplement Pellets | Laconia | 18.00 | 18.4 | 2.50 | 3.4 | 6.00 | 5.1 |
| Larro Poultry Surehatch | Exeter | 20.00 | 20.1 | 2.50 | 4.1 | 8.00 | 7.9 |
| Larro Scratch Grains | Nashua | 8.00 | 8.7 | 2.00 | 2.5 | 5.00 | 2.8 |
| Larro 0.1 Sulfaquinoxaline Mix in Larro Surebroiler | Exeter | 20.00 | 21.2 | 3.00 | 3.5 | 5.50 | 3.6 |
| Larro Surebroiler 38 | Nashua | 38.00 | 40.9 | 1.50 | 2.4 | 7.50 | 5.3 |
| Larro Surecalf | Exeter | 20.00 | 23.2 | 2.50 | 3.4 | 7.00 | 4.8 |
| Larro Surecalf | Laconia | 20.00 | 23.0 | 2.50 | 3.8 | 7.00 | 5.0 |
| Larro Surecattle 32 | Exeter | 32.00 | 32.7 | 1.75 | 2.0 | 9.00 | 6.6 |
| Larro Sure Chick | Keene | 20.00 | 21.6 | 3.00 | 4.2 | 6.00 | 5.4 |
| Larro Surehog | Exeter | 17.00 | 18.1 | 3.00 | 4.0 | 6.00 | 4.7 |
| Larro Surelay (Pelleted) | Exeter | 20.00 | 21.7 | 2.50 | 4.1 | 8.00 | 6.1 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|--------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| General Mills (continued) | | | | | | | |
| Larro Surelay (Pelleted) | Laconia | 20.00 | 22.5 | 2.50 | 3.7 | 8.00 | 5.9 |
| Larro Surelay "Hi-Energy" | Nashua | 20.00 | 21.8 | 2.50 | 3.6 | 7.00 | 5.9 |
| **Larro Surelift | Exeter | 20.00 | 21.5 | 2.50 | 3.6 | 7.00 | 4.4 |
| **Larro Surelift (Crumbled) | Nashua | 20.00 | 22.4 | 2.50 | 3.8 | 7.00 | 5.9 |
| Larro Suremilk 14 | Exeter | 14.00 | 15.8 | 2.50 | 3.5 | 12.00 | 7.9 |
| Larro Suremilk 16 | Laconia | 16.00 | 17.5 | 2.50 | 3.6 | 12.00 | 8.2 |
| Larro Suremilk 16 | Exeter | 16.00 | 17.0 | 2.50 | 3.1 | 12.00 | 8.0 |
| Larro Suremilk 20 | Exeter | 20.00 | 21.0 | 2.50 | 2.6 | 12.00 | 8.0 |
| Larro Surerabbit | Nashua | 15.00 | 16.3 | 2.0 | 3.7 | 19.00 | 15.5 |
| Vigor Dog Food | Nashua | 22.50 | 26.1 | 4.00 | 4.4 | 5.00 | 3.2 |
| Washburn's Gold Medal Hard Wheat Bran and Ground Wheat Screenings Not Exceeding Mill Run | Potter Place | 14.00 | 15.2 | 3.50 | 4.3 | 12.00 | 9.9 |
| Washburn's Gold Medal Hard Wheat Standard Middlings and Ground Wheat Screenings | Woodsville | 15.00 | 16.5 | 4.00 | 4.7 | 9.50 | 6.8 |
| The Glidden Co. Chicago, Ill. | | | | | | | |
| Glidden Quality Products 44% Sol- vent Extracted Soybean Oil Meal | Lancaster | 44.00 | 44.8 | 0.50 | 1.0 | 7.00 | 6.4 |
| Goldenrod Oil Meal Sales Co. Memphis, Tenn. | | | | | | | |
| Golden Rod Brand 41% Cottonseed Meal Prime Quality | Bow | 41.00 | 41.0 | 4.00 | 4.8 | 13.00 | 9.5 |
| Great Atlantic & Pacific Tea Co. New York, N. Y. | | | | | | | |
| Daily Cat Food | Concord | 10.00 | 13.3 | 2.00 | 3.0 | 1.50 | 1.0 |
| Daily Dog Food Diet 1 | Concord | 12.00 | 10.8 | 3.00 | 3.4 | 1.50 | 1.3 |
| Daily Dog Food Diet 2 | Concord | 12.00 | 12.9 | 3.00 | 3.7 | 1.50 | 0.8 |
| Daily Dog Meal | Concord | 23.00 | 25.8 | 3.50 | 5.2 | 4.50 | 2.4 |
| Hales & Hunter Chicago, Ill. | | | | | | | |
| Pioneer 18 Dairy | Lebanon | 18.00 | 17.6 | 3.00 | 2.8 | 9.00 | 6.4 |
| Pioneer Dry & Freshening | Lebanon | 12.00 | 14.6 | 2.50 | 3.3 | 10.00 | 7.4 |
| Pioneer Hog Ration 15 | Lebanon | 15.00 | 15.9 | 2.50 | 3.8 | 8.00 | 5.7 |
| Pioneer Horse Feed | Lebanon | 9.00 | 10.9 | 2.50 | 3.5 | 10.00 | 6.7 |
| Pioneer Pelleted Flaked 15 Dairy | Lebanon | 15.00 | 17.4 | 3.00 | 3.2 | 9.00 | 5.7 |
| **Pioneer Pig Starter | Lebanon | 18.00 | 20.2 | 2.50 | 3.9 | 6.00 | 3.5 |
| Pioneer Rabbit Feed | Lebanon | 16.00 | 16.8 | 2.00 | 3.3 | 15.00 | 8.7 |
| **Red Comb Broiler Mash | Lebanon | 20.00 | 22.5 | 3.00 | 5.1 | 6.00 | 5.2 |
| Red Comb Egg Mash | Lebanon | 20.00 | 21.8 | 3.00 | 4.1 | 7.00 | 6.5 |
| Red Comb Growing Mash | Lebanon | 18.00 | 20.5 | 3.00 | 5.2 | 7.00 | 5.8 |
| Harper Feed Mills Washington, Pa. | | | | | | | |
| Harco Breeder Mash | Derry | 22.00 | 22.5 | 3.00 | 3.9 | 6.50 | 5.3 |
| Harco 16% Dairy Ration with Pel- lets | Derry | 16.00 | 18.0 | 3.00 | 3.3 | 11.00 | 7.6 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--------------|------------|------------------------------------|-------|--------------|-------|--------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |

Harper Feed Mills (continued)

| | | | | | | | |
|---|-------|-------|------|------|-----|-------|-----|
| Harco Growing Mash | Derry | 18.00 | 20.2 | 3.00 | 3.9 | 7.00 | 4.5 |
| Harco Poultry Fitting Ration | Derry | 9.00 | 13.4 | 3.00 | 3.5 | 11.00 | 6.4 |
| Harco Short Feed (Station Fattener Pellets) | Derry | 15.00 | 16.9 | 3.00 | 4.4 | 6.00 | 5.2 |
| Harco Special Short Feed (Station Fattener Pellets) | Derry | 15.00 | 18.3 | 3.00 | 3.9 | 6.00 | 5.6 |
| Nitrophenide in Harco Chick Starting Mash | Derry | 20.00 | 22.7 | 3.00 | 4.0 | 5.50 | 4.9 |
| **Top Profit Laying Mash | Derry | 18.00 | 20.1 | 3.00 | 3.4 | 8.00 | 5.4 |

W. L. Hogg Ltd.

Montreal, Canada

| | | | | | | | |
|---------------|------------|-------|------|------|-----|-------|------|
| **Barley Feed | Manchester | 11.00 | 10.6 | 2.00 | 2.3 | 10.50 | 10.1 |
|---------------|------------|-------|------|------|-----|-------|------|

H. P. Hood & Sons

Boston, Mass.

| | | | | | | | |
|--------------------------------------|-----------|-------|------|------|-----|------|-----|
| Hood's Calf Starter | Plymouth | 28.00 | 30.3 | 3.00 | 3.0 | 4.00 | 2.5 |
| Hood's Vitamin Enriched Calf Starter | Colebrook | 28.00 | 29.6 | 3.00 | 3.1 | 4.00 | 3.0 |

E. C. & W. L. Hopkins Co.

Greenfield, N. H.

| | | | | | | | |
|---|------------|-------|------|------|-----|-------|-----|
| Granite State Breeder Mash | Hillsboro | 20.00 | 19.6 | 3.00 | 4.6 | 7.50 | 5.7 |
| Granite State Complete Breeder Mash | Greenfield | 16.00 | 16.4 | 3.00 | 5.3 | 7.00 | 5.1 |
| Granite State 16% Dairy Feed | Hillsboro | 16.00 | 17.4 | 3.50 | 5.0 | 9.00 | 6.7 |
| Granite State 20% Dairy Feed | Hillsboro | 20.00 | 21.1 | 4.00 | 4.2 | 10.00 | 6.6 |
| Granite State Fitting Ration | Greenfield | 14.00 | 14.9 | 3.00 | 3.9 | 8.00 | 6.4 |
| Granite State Growing Mash | Hillsboro | 19.00 | 20.1 | 3.00 | 4.6 | 8.00 | 6.8 |
| Granite State High-Energy Complete Breeder Mash | Greenfield | 16.00 | 18.1 | 3.00 | 4.9 | 4.00 | 4.0 |
| Granite State Hog Ration | Hillsboro | 17.50 | 18.3 | 3.00 | 4.2 | 7.00 | 4.6 |

The Hubinger Co.

Keokuk, Iowa

| | | | | | | | |
|---------------------------|-------|-------|------|------|-----|------|-----|
| Ke-OK-uk Corn Gluten Feed | Keene | 23.00 | 24.1 | 2.00 | 1.8 | 8.50 | 8.9 |
|---------------------------|-------|-------|------|------|-----|------|-----|

The Hunt Milling Corp.

London, Ontario

| | | | | | | | |
|--------------|--------|-------|------|------|-----|-------|------|
| **Wheat Bran | Epping | 13.50 | 15.1 | 5.00 | 4.6 | 11.50 | 10.2 |
|--------------|--------|-------|------|------|-----|-------|------|

International Milling Co.

Minneapolis, Minn.

| | | | | | | | |
|--|-----------|-------|------|------|-----|-------|------|
| Blackhawk Standard Wheat Bran with Ground Wheat Screenings | Bow | 15.00 | 16.9 | 2.50 | 5.4 | 12.00 | 11.5 |
| Blackhawk Wheat Standard Middings w/GWS | Lancaster | 15.00 | 17.1 | 3.00 | 5.4 | 9.50 | 9.5 |
| Target Wheat Red Dog | Keene | 15.00 | 17.5 | 2.00 | 3.5 | 4.00 | 3.5 |

John Jervis Grain Co.

Toronto, Ontario

| | | | | | | | |
|----------------------------|------------|-------|------|------|-----|------|-----|
| **Jervis Pure Wheat Shorts | Greenfield | 15.00 | 15.4 | 5.00 | 4.8 | 8.00 | 7.3 |
| **Jervis Pure Wheat Shorts | Manchester | 15.00 | 15.2 | 5.00 | 4.7 | 8.00 | 6.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|--------------|------------------------------------|-------------|------------------|------------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| R. P. Johnson | | | | | | | |
| Potter Place | | | | | | | |
| Johnson's Complete Laying Mash . | Potter Place | 15.00 | 16.7 | 3.00 | 4.1 | 8.00 | 5.4 |
| Johnson's Dairy Feed | Potter Place | 16.00 | 17.8 | 3.00 | 3.2 | 9.00 | 7.7 |
| Johnson's Growing Mash | Potter Place | 14.00 | 17.4 | 3.00 | 4.1 | 9.00 | 5.7 |
| Johnson's Laying Mash | Potter Place | 18.00 | 19.3 | 4.00 | 4.0 | 8.00 | 6.0 |
| Johnson's Pig & Hog Feed | Potter Place | 15.00 | 17.8 | 2.00 | 3.90 | 7.00 | 5.9 |
| Kasco Mills, Inc. | | | | | | | |
| Waverly, N. Y. | | | | | | | |
| Kasco Egg Producer | Nashua | 20.00 | 21.6 | 3.00 | 3.6 | 7.50 | 6.0 |
| Kasco Fitting Ration | Nashua | 14.00 | 16.0 | 3.50 | 3.8 | 10.00 | 7.6 |
| Kellogg Co. | | | | | | | |
| London, Ontario, Canada | | | | | | | |
| Kellogg's Hominy Feed | Manchester | 9.50 | 10.5 | 6.00 | 9.4 | 5.00 | 4.0 |
| Kennell Food Supply | | | | | | | |
| Fairfield, Conn. | | | | | | | |
| **K. F. S. All Beef Dog Food | Concord | 15.00 | 12.8 | 5.00 | 7.1 | 2.00 | 0.3 |
| Keystone Dehydrators | | | | | | | |
| Nazareth, Pa. | | | | | | | |
| Keystone Super Green Alfalfa Meal | Bow | 17.00 | 19.22 | 2.00 | 2.4 | 27.00 | 23.9 |
| Kuder Pulp Sales Co. | | | | | | | |
| Lake Alfred, Fla. | | | | | | | |
| Kuder Dried Citrus Pulp High Sugar | Exeter | 6.00 | 6.1 | 5.00 | 4.7 | 13.00 | 11.5 |
| Lake of the Woods Milling Co. | | | | | | | |
| Montreal, Canada | | | | | | | |
| **Lakewood Wheat Shorts | Colebrook | 16.00 | 18.3 | 5.00 | 5.0 | 8.00 | 7.3 |
| Libby, McNeill & Libby | | | | | | | |
| Ocala, Florida | | | | | | | |
| **Headliner Brand Dried Citrus Pulp | Lancaster | 6.00 | 6.3 | 3.00 | 2.3 | 18.00 | 10.4 |
| Lincoln Mills | | | | | | | |
| Indianapolis, Ind. | | | | | | | |
| Pulverized Lincoln Oats Contain- ing Wheat & Barley | Manchester | 11.00 | 12.3 | 2.00 | 2.5 | 13.00 | 13.2 |
| L. B. Lovitt & Co. | | | | | | | |
| Memphis, Tenn. | | | | | | | |
| **"Lovitt Brand" 41% Protein Cot- tonseed Meal (Prime Quality) . | Epping | 41.00 | 39.4 | 4.00 | 6.5 | 13.00 | 10.4 |
| The Manitoba Sugar Co., Ltd. | | | | | | | |
| Winnipeg, Man. | | | | | | | |
| **Dried Molasses Beet Pulp | Colebrook | 7.00 | 10.1 | 0.30 | 0.4 | 20.00 | 15.8 |
| Mapleleaf Milling | | | | | | | |
| Toronto, Canada | | | | | | | |
| Rex Wheat Bran | Bow | 14.00 | 14.3 | 3.50 | 4.8 | 12.00 | 11.6 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|--------------|------------------------------------|-------|--------------|-------|--------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |
| Maritime Milling Co. | | | | | | | |
| Buffalo, N. Y. | | | | | | | |
| B-B Maco Aureomycin in B-B Maco Conditioning Mash | Nashua | 14.00 | 14.9 | 3.00 | 3.7 | 6.00 | 2.7 |
| Massachusetts Canning Corp. | | | | | | | |
| Brighton, Mass. | | | | | | | |
| Imp All Fish Cat Food | Concord | 14.00 | 14.5 | 0.50 | 0.6 | 0.10 | 0.1 |
| Merrimack Farmers Exchange, Inc. | | | | | | | |
| Concord, N. H. | | | | | | | |
| Merrimack All Mash | Loudon Ridge | 15.00 | 15.5 | 3.50 | 4.3 | 7.00 | 5.8 |
| Merrimack All Mash (Pellets) | Loudon Ridge | 15.00 | 15.3 | 3.50 | 3.9 | 7.00 | 5.9 |
| Merrimack All Mash (Pellets) | Laconia | 15.00 | 15.4 | 3.50 | 4.4 | 7.00 | 6.2 |
| Merrimack Breeder Mash | Henniker | 20.00 | 22.1 | 3.50 | 5.0 | 7.00 | 6.2 |
| Merrimack Calf Meal | Claremont | 20.00 | 21.4 | 4.50 | 4.9 | 7.00 | 3.1 |
| Merrimack Calf Starter and Growing Ration | Peterboro | 12.00 | 15.2 | 3.00 | 3.1 | 12.00 | 7.6 |
| Merrimack Calving Ration | Epping | 12.00 | 14.3 | 3.00 | 2.8 | 15.00 | 10.4 |
| Merrimack Complete Grower | Laconia | 15.00 | 16.5 | 3.00 | 4.6 | 8.00 | 5.9 |
| Merrimack Complete Grower (Pelleted) | Henniker | 15.00 | 15.4 | 3.00 | 4.2 | 8.00 | 6.0 |
| Merrimack Complete Layer | Warner | 15.00 | 15.0 | 3.00 | 4.2 | 7.00 | 5.4 |
| Merrimack Complete Layer (Pellets) | Warner | 15.00 | 15.4 | 3.00 | 4.1 | 7.00 | 5.7 |
| Merrimack Conditioner Pellets (Nibbles) | Laconia | 17.00 | 18.7 | 2.50 | 3.8 | 8.00 | 5.9 |
| Merrimack 16% Dairy Ration | Woodsville | 16.00 | 17.2 | 3.50 | 3.9 | 9.00 | 7.9 |
| Merrimack 16% (Fine) Dairy Ration | Epping | 16.00 | 16.6 | 3.00 | 3.7 | 10.00 | 8.0 |
| Merrimack 20% Dairy Ration | Epping | 20.00 | 19.7 | 3.50 | 4.5 | 8.50 | 8.1 |
| Merrimack 20% Dairy Ration | Henniker | 20.00 | 21.8 | 3.50 | 3.5 | 8.50 | 7.9 |
| Merrimack 20% Dairy Ration | Henniker | 20.00 | 21.0 | 3.50 | 3.2 | 8.50 | 7.6 |
| Merrimack Fast-Gro Broiler (Pelleted) | Peterboro | 22.00 | 22.5 | 3.00 | 3.9 | 4.50 | 3.1 |
| Merrimack Fast-Gro Starter & Broiler | Henniker | 22.00 | 23.0 | 3.00 | 3.9 | 4.50 | 3.4 |
| Merrimack Finishing Ration (Pellets) | Claremont | 16.00 | 17.2 | 3.00 | 3.7 | 4.50 | 3.5 |
| Merrimack 14% Fitting Ration | Laconia | 14.00 | 14.8 | 3.50 | 4.4 | 9.00 | 6.9 |
| Merrimack Growing Mash (Pellets) | Henniker | 17.00 | 21.4 | 3.50 | 4.3 | 8.00 | 6.2 |
| Merrimack Hi-F Grower | Laconia | 16.00 | 16.5 | 2.50 | 4.3 | 4.50 | 3.5 |
| Merrimack Hi-F Layer | Warner | 15.00 | 17.5 | 2.50 | 3.3 | 4.50 | 4.0 |
| Merrimack Hi-F Layer | Plymouth | 15.00 | 16.8 | 2.50 | 3.3 | 4.50 | 4.2 |
| Merrimack Hi-Pro-Vite Pellets | Claremont | 25.00 | 25.7 | 2.50 | 2.7 | 5.50 | 4.8 |
| Merrimack Horse Feed | Woodsville | 11.00 | 12.7 | 3.50 | 3.6 | 10.00 | 6.3 |
| Merrimack Laying Mash | Henniker | 19.00 | 20.3 | 3.50 | 4.2 | 7.00 | 7.0 |
| Merrimack Pig Feed | Woodsville | 17.00 | 19.4 | 3.00 | 4.7 | 7.00 | 7.5 |
| Merrimack Poultry Fitting Ration | Peterboro | 13.50 | 14.2 | 2.50 | 2.7 | 8.00 | 4.8 |
| Merrimack Provender | Claremont | 9.00 | 10.4 | 3.00 | 3.2 | 10.00 | 6.2 |
| Merrimack Rabbit Pellets | Peterboro | 20.00 | 20.7 | 2.25 | 3.9 | 12.00 | 11.6 |
| Merrimack Sheep and Goat Ration | Peterboro | 14.00 | 15.5 | 2.50 | 3.2 | 9.00 | 6.1 |
| Merrimack 18% Special Dairy Ration | Woodsville | 18.00 | 19.8 | 3.50 | 3.8 | 8.50 | 7.8 |

* Protein and fat not less than, crude fiber not more than.

| Manufacturer | Brand | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|-------|-------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | | Protein | | Fat | | Crude Fiber | |
| | | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Merrimack Farmers (continued) | | | | | | | | |
| Merrimack Starter & Broiler Ration | | Epping | 22.00 | 22.9 | 3.00 | 3.6 | 5.50 | 4.5 |
| Sulfaquinoxaline in Merrimack All Mash | | Manchester | 15.00 | 16.1 | 3.50 | 4.2 | 7.00 | 6.3 |
| Merrimack Sulfaquinoxaline Mixture in Merrimack Fast-Gro Broiler | | Henniker | 22.00 | 22.4 | 3.00 | 4.4 | 4.50 | 3.7 |
| Sulfaquinoxaline in Merrimack Fast-Gro Starter & Broiler | | Manchester | 22.00 | 23.3 | 3.00 | 3.6 | 4.50 | 3.1 |
| 0.05% Sulfaquinoxaline in Merrimack Hi-Level Sulfa Mash | | Bow | 22.00 | 23.9 | 3.00 | 3.9 | 4.50 | 3.6 |
| Merrimack Sulfaquinoxaline .0175% in Starter and Broiler Ration | | Laconia | 22.00 | 23.1 | 3.00 | 3.9 | 5.50 | 4.5 |
| Merrimack Super Mash | | Manchester | 16.00 | 17.4 | 2.50 | 3.8 | 4.50 | 4.1 |
| Merrimack Turkey Growing Mash (Pellets) | | Laconia | 20.00 | 21.8 | 2.50 | 3.6 | 8.00 | 5.0 |
| Merrimack Worm Control Mixture (Pellets) | | Laconia | 15.00 | 15.1 | 3.00 | 4.4 | 8.00 | 4.3 |
| Merrimycin | | Peterboro | 22.00 | 23.6 | 3.00 | 3.7 | 4.50 | 3.6 |
| Sweetened Oat Mill Feed | | Epping | 3.00 | 3.5 | 1.00 | 0.7 | 30.00 | 26.2 |
| Sweetened Oat Mill Feed | | Bow | 3.00 | 6.3 | 1.00 | 1.7 | 30.00 | 20.0 |
| MHR Alfalfa Co., Inc. | | | | | | | | |
| Ohio City, Ohio | | | | | | | | |
| **Dehydrated Alfalfa Meal 17 | | Bow | 17.00 | 14.9 | 1.50 | 2.4 | 27.00 | 26.9 |
| Molson's Brewery | | | | | | | | |
| Montreal, Canada | | | | | | | | |
| **Dried Brewers' Grains | | Dover | 22.00 | 21.6 | 7.00 | 5.9 | 15.00 | 15.5 |
| Monroe Grain Alfalfa Co. | | | | | | | | |
| Monroe, Neb. | | | | | | | | |
| Monroe 17% Dehydrated Alfalfa Meal | | Bow | 17.00 | 18.3 | 1.50 | 2.6 | 27.00 | 23.1 |
| Geo. Q. Moon & Co., Inc. | | | | | | | | |
| Binghamton, N. Y. | | | | | | | | |
| Moon Complete Growing Mash | | Salem Depot | 16.00 | 15.1 | 3.50 | 4.3 | 7.00 | 5.9 |
| Moon Complete Starter and Broiler Mash | | Salem Depot | 17.50 | 18.0 | 3.50 | 4.4 | 7.00 | 6.1 |
| Moon Hog Feed | | Salem Depot | 13.00 | 14.8 | 3.00 | 5.2 | 12.00 | 6.0 |
| Moon N. E. Complete Growing Mash | | Salem Depot | 16.00 | 18.1 | 3.00 | 4.2 | 9.00 | 8.6 |
| Moon N. E. Complete Laying Mash | | Salem Depot | 16.00 | 16.8 | 3.00 | 4.1 | 9.00 | 8.2 |
| Moon Sulfaquinoxaline Mixture in Moon Complete Starter and Broiler Mash | | Salem Depot | 17.50 | 17.8 | 3.50 | 4.6 | 7.00 | 5.9 |
| Moon Sulfaquinoxaline Mixture in Moon Super Starter & Broiler Mash | | Salem Depot | 20.00 | 20.0 | 3.00 | 4.2 | 3.50 | 3.6 |
| Moon Turkey Fattener Mash | | Salem Depot | 15.00 | 18.3 | 3.50 | 4.7 | 7.50 | 6.1 |
| Moon Turkey Fitting Ration | | Salem Depot | 11.00 | 12.4 | 2.50 | 2.9 | 11.00 | 5.7 |
| Moon Turkey Grower Mash | | Salem Depot | 20.00 | 21.3 | 4.00 | 4.1 | 6.50 | 6.8 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| John Morrell & Co. | | | | | | | |
| Ottumwa, Iowa | | | | | | | |
| **Morrell Red Heart Cat Food | Portsmouth | 10.50 | 12.7 | 2.50 | 2.9 | 1.00 | 0.6 |
| **Morrell Red Heart Dog Food Fish Flavor | Manchester | 10.50 | 14.8 | 2.50 | 3.1 | 1.00 | 0.6 |
| **Morrell Red Heart Dog Food Beef Flavor | Concord | 10.50 | 11.8 | 2.50 | 3.5 | 1.00 | 0.5 |
| Mowat, Wilson & Co. | | | | | | | |
| Detroit, Mich. | | | | | | | |
| Dried Molasses Beet Pulp | Bow | 7.00 | 9.8 | 0.3 | 0.6 | 20.00 | 17.3 |
| Nappanee Milling Co., Inc. | | | | | | | |
| Nappanee, Ind. | | | | | | | |
| **Hominy Feed | Nashua | 9.50 | 10.7 | 6.50 | 9.9 | 7.50 | 5.1 |
| National Biscuit Co. | | | | | | | |
| Toledo, Ohio | | | | | | | |
| Namico | Bow | 14.00 | 14.8 | 3.50 | 4.3 | 9.00 | 5.5 |
| National Distillers Products Corp. | | | | | | | |
| 120 Broadway, New York | | | | | | | |
| Nadrisol Brand Corn Distillers Dried Solubles | Dover | 25.00 | 28.1 | 5.00 | 9.1 | 4.00 | 4.6 |
| Nadrisol Corn Distillers Dried Sol- ubles | Greenfield | 25.00 | 27.7 | 5.00 | 8.2 | 4.00 | 5.0 |
| National Packing Co. | | | | | | | |
| Boston, Mass. | | | | | | | |
| **Kitty Snicker Cat Food | Concord | 15.00 | 18.1 | 0.25 | 1.0 | 1.00 | 0.2 |
| Ogden Grain Co. | | | | | | | |
| Utica, N. Y. | | | | | | | |
| Ogden Breeder Mash | Manchester | 20.00 | 22.4 | 3.00 | 3.8 | 7.00 | 6.4 |
| Ogden Broiler Finisher Pellets . . . | Manchester | 15.00 | 16.0 | 3.00 | 3.7 | 6.00 | 5.9 |
| Complete Chick Starter | Manchester | 20.00 | 20.6 | 3.00 | 4.0 | 7.00 | 6.0 |
| Ogden Complete Starter Grower Layer Breeder (Pellets) | Manchester | 16.00 | 17.9 | 2.50 | 3.7 | 7.50 | 6.4 |
| Ogden Poultry and Turkey Fitting Ration | Manchester | 10.00 | 10.2 | 3.00 | 3.1 | 8.00 | 4.6 |
| Ogden Rabbit Pellets | Manchester | 16.50 | 18.0 | 3.00 | 3.6 | 13.00 | 11.0 |
| Ogilvie Flour Mills, Ltd. | | | | | | | |
| Montreal, Canada | | | | | | | |
| **Ogilvie Wheat Shorts | Bow | 16.00 | 16.5 | 5.00 | 5.1 | 8.00 | 7.0 |
| Old Mother Hubbard Dog Food Co. | | | | | | | |
| Gloucester, Mass. | | | | | | | |
| Original Old Mother Hubbard Fish Cat Food | Concord | 15.50 | 16.7 | 0.25 | 0.3 | 1.00 | 0.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|--------------|------------------------------------|-------------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Old Trusty Dog Food Co. | | | | | | | |
| Needham Heights, Mass. | | | | | | | |
| Old Trusty Flavor-Baked Biscuits | | | | | | | |
| Bones | Portsmouth | 22.00 | 27.3 | 2.00 | 3.6 | 3.00 | 1.9 |
| Old Trusty Kibbled Dog Food . . . | Portsmouth | 22.00 | 26.8 | 2.00 | 3.5 | 3.00 | 2.2 |
| Orleans Canning Co. | | | | | | | |
| 431 So. Dearborn St. | | | | | | | |
| Chicago, Ill. | | | | | | | |
| Orleans All Horse Meat Dog Food | Concord | 15.00 | 17.8 | 3.00 | 19.1 | 1.50 | 0.1 |
| Park & Pollard Co. | | | | | | | |
| Buffalo, N. Y. | | | | | | | |
| Hi Prime Turkey Grower (Pellets) | Hillsboro | 22.00 | 20.6 | 3.00 | 3.2 | 5.50 | 4.7 |
| Lay or Bust All Mash Breeder . . | Plymouth | 16.50 | 16.6 | 3.00 | 4.0 | 5.00 | 4.8 |
| Lay or Bust All Mash Grower . . . | Salem Depot | 16.00 | 18.2 | 3.00 | 4.2 | 5.00 | 4.6 |
| Lay or Bust All Mash Layer | Salem Depot | 16.50 | 16.8 | 3.00 | 4.3 | 5.00 | 4.5 |
| Lay or Bust Chick Starter | Plymouth | 22.00 | 22.7 | 3.00 | 3.9 | 4.50 | 4.3 |
| Lay or Bust Egg Mash | Salem Depot | 20.00 | 19.8 | 3.00 | 3.4 | 5.50 | 4.9 |
| Lay or Bust Growing Feed | Salem Depot | 18.00 | 18.9 | 3.00 | 3.6 | 5.50 | 4.9 |
| Lay or Bust Hi-Power Broiler Ra- tion | Salem Depot | 22.00 | 21.0 | 3.00 | 3.1 | 4.00 | 3.3 |
| Lay or Bust Hi-Valu (Pellets) . . . | Hillsboro | 12.00 | 13.3 | 2.50 | 3.8 | 6.50 | 5.3 |
| Lay or Bust Laying Pellets | Hillsboro | 20.00 | 20.3 | 3.00 | 3.7 | 5.50 | 4.8 |
| Lay or Bust Poultry Fitting Ration | Plymouth | 14.00 | 15.1 | 2.50 | 3.1 | 9.50 | 8.0 |
| Milk Maid Bulky Sweet Dairy . . . | Salem Depot | 12.00 | 14.2 | 2.50 | 2.9 | 14.00 | 12.3 |
| Milk Maid Calf Meal | N. Haverhill | 20.00 | 22.5 | 3.50 | 3.4 | 7.00 | 5.5 |
| Milk Maid Calf Meal | Plymouth | 20.00 | 25.4 | 3.50 | 3.6 | 7.00 | 5.4 |
| Milk Maid Calf Starter Mix | Colebrook | 19.00 | 20.4 | 3.00 | 3.4 | 8.00 | 6.7 |
| Milk Maid 16% Dairy Ration | Salem Depot | 16.00 | 17.2 | 3.50 | 4.4 | 10.00 | 7.6 |
| Milk Maid 20% Dairy Ration | Salem Depot | 20.00 | 22.1 | 3.50 | 3.9 | 10.00 | 7.1 |
| Milk Maid Dri-Fresh Ration | Salem Depot | 12.00 | 14.5 | 3.00 | 3.5 | 10.00 | 8.3 |
| Milk Maid Fitting Ration | Salem Depot | 14.00 | 14.9 | 3.00 | 3.7 | 9.00 | 6.5 |
| Milk Maid Test Cow Ration | Salem Depot | 18.00 | 18.7 | 4.00 | 4.5 | 9.00 | 7.1 |
| Milk Maid 14% Test Ration | Lancaster | 14.00 | 15.4 | 4.00 | 4.5 | 9.00 | 8.5 |
| Milk Maid Yankee Horse Feed . . . | Hillsboro | 10.00 | 12.3 | 2.50 | 3.6 | 10.00 | 6.1 |
| Munchy Dog Food | Plymouth | 26.00 | 28.7 | 6.00 | 6.5 | 4.50 | 3.0 |
| Park & Pollard Co. Aureomycin Mixture in Lay or Bust T.N.T. | Hillsboro | 22.00 | 22.7 | 3.00 | 3.3 | 5.00 | 4.3 |
| Park & Pollard Go-Tu-It Pig & Hog Ration | Colebrook | 16.00 | 16.2 | 3.00 | 3.6 | 6.00 | 4.6 |
| Park & Pollard Rabbit Pellets | Plymouth | 14.00 | 17.0 | 2.50 | 3.9 | 12.00 | 7.9 |
| Park & Pollard Stock Feed | Salem Depot | 9.00 | 13.6 | 2.00 | 3.2 | 12.00 | 11.5 |
| Park & Pollard Sulfaquinoxaline Mixture in Hi-Power Broiler Ra- tion | Plymouth | 22.00 | 23.8 | 3.00 | 3.4 | 4.00 | 3.5 |
| Park & Pollard Sulfaquinoxaline .0175% in Lay or Bust Grow- ing Feed | Colebrook | 18.00 | 19.5 | 3.00 | 3.2 | 5.50 | 5.1 |
| Red Ribbon 16% Dairy Ration | Salem Depot | 16.00 | 17.0 | 3.50 | 4.2 | 11.00 | 8.5 |
| Red Ribbon 18% Dairy Ration | Colebrook | 18.00 | 19.6 | 3.50 | 3.9 | 11.00 | 8.4 |
| Red Ribbon 20% Dairy Ration | Colebrook | 20.00 | 21.9 | 3.50 | 3.9 | 11.00 | 7.6 |
| Sulfaquinoxaline Mixture in Hi- Power Broiler Ration | Salem Depot | 22.00 | 21.0 | 3.00 | 3.4 | 4.00 | 3.4 |

* Protein and fat not less than, crude fiber not more than.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|-------------|------------------------------------|-------------|--------------|------------|--------------|-------------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |
| Park & Pollard Co. (continued) | | | | | | | |
| Sulfaquinoxaline Mixture in Lay or Bust Chick Starter | Salem Depot | 22.00 | 22.3 | 3.00 | 3.7 | 4.50 | 4.0 |
| George H. Parker Grain Co. | | | | | | | |
| Danvers, Mass. | | | | | | | |
| Bill McHugh's Horse Feed with Vitamins & Minerals added ... | Salem | 12.00 | 12.5 | 3.50 | 4.00 | 10.00 | 7.4 |
| Parrish & Heimbecker, Ltd. | | | | | | | |
| Toronto, Canada | | | | | | | |
| "Parrheim" Pure Wheat Bran ... | Keene | 14.00 | 13.4 | 3.50 | 3.6 | 11.50 | 7.7 |
| "Parrheim" Pure Wheat Bran ... | Colebrook | 15.00 | 15.0 | 3.50 | 4.2 | 11.50 | 9.6 |
| "Parrheim" Pure Wheat Shorts .. | Keene | 14.00 | 13.0 | 3.50 | 3.8 | 8.00 | 4.3 |
| Pasco Packing Co. | | | | | | | |
| Dade City, Florida | | | | | | | |
| Sugar-Sweet Citrus Pulp | Woodsville | 6.00 | 6.2 | 2.50 | 2.3 | 13.50 | 9.4 |
| Pierce Grain Co. | | | | | | | |
| Buffalo, N. Y. | | | | | | | |
| **P & G 16% Dairy Ration | Colebrook | 16.00 | 18.6 | 4.00 | 3.9 | 10.00 | 7.1 |
| 16 Reliance Dairy Ration | Colebrook | 16.00 | 16.7 | 4.00 | 3.5 | 9.00 | 6.6 |
| 20 Reliance Dairy Ration | Colebrook | 20.00 | 21.5 | 3.50 | 3.0 | 9.00 | 7.4 |
| Superior Fitting Ration | Colebrook | 14.00 | 15.8 | 3.50 | 3.4 | 9.00 | 7.2 |
| S. S. Pierce Co. | | | | | | | |
| Boston, Mass. | | | | | | | |
| **S. S. Pierce Co. Speak for It Cooked Pet Food | Wolfeboro | 18.00 | 18.1 | 5.00 | 16.7 | 2.00 | 0.2 |
| **S. S. Pierce Co. Speak for It Cooked Pet Food | Concord | 18.00 | 18.1 | 5.00 | 11.0 | 2.00 | 0.4 |
| Pillsbury Mills, Inc. | | | | | | | |
| Minneapolis, Minn. | | | | | | | |
| Pillsbury's Hard Wheat Bran with Ground Wheat Screenings | Woodsville | 14.00 | 17.7 | 4.00 | 4.9 | 12.00 | 9.7 |
| Pillsbury's Hard Wheat Standard B. Middlings W/GWS | Manchester | 15.00 | 17.9 | 4.00 | 5.2 | 9.50 | 6.6 |
| **Pillsbury's Wheat Germ Meal ... | Manchester | 25.00 | 28.3 | 9.00 | 10.2 | 4.00 | 3.0 |
| Pillsbury XX Daisy | Colebrook | 16.00 | 17.6 | 4.00 | 4.7 | 4.00 | 3.9 |
| Portage Valley Mills | | | | | | | |
| Bradner, Ohio | | | | | | | |
| **Valley Green Alfalfa Meal | Bow | 17.00 | 19.8 | 1.50 | 2.7 | 27.00 | 17.06 |
| **Valley Green Blended 17 Alfalfa Meal | Suncook | 17.00 | 16.6 | 1.50 | 1.8 | 27.00 | 28.7 |
| **Valley Green Dehydrated Alfalfa Meal Blended 17 | Bow | 17.00 | 18.3 | 1.50 | 2.9 | 27.00 | 23.0 |
| Post Cereal Div. of General Foods Corp. | | | | | | | |
| Battle Creek, Mich. | | | | | | | |
| Flaked Corn Feed | Manchester | 8.00 | 6.6 | 1.00 | 1.9 | 2.00 | 1.0 |

* Protein and fat not less than, crude fiber not more than.
** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------|--------------|-------|--------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND | GUAR-ANTEED* | FOUND |
| Prairie Dehydrating Co. | | | | | | | |
| Roanoke, Ill. | | | | | | | |
| **Prairie 17% Dehydrated Alfalfa Meal | Manchester | 17.00 | 17.4 | 1.50 | 2.2 | 27.00 | 26.4 |
| R. C. Pratt Co. | | | | | | | |
| Toronto, Canada | | | | | | | |
| Ruler Brand Pure Wheat Shorts | Greenfield | 15.00 | 15.0 | 3.50 | 4.8 | 10.50 | 7.8 |
| The George Pritchard Co. | | | | | | | |
| Dover, N. H. | | | | | | | |
| Pritchard Complete Grower-Layer Mash | Dover | 16.00 | 17.4 | 4.00 | 4.0 | 7.00 | 6.5 |
| Pritchard 14% Fitting Ration | Dover | 14.00 | 14.9 | 3.50 | 4.5 | 8.00 | 8.2 |
| Pritchard Grower-Layer Mash | Dover | 20.00 | 20.1 | 4.00 | 4.5 | 7.00 | 7.0 |
| Pritchard Complete Pig & Sow Mash | Dover | 18.00 | 18.3 | 4.00 | 5.5 | 7.00 | 6.5 |
| Publicker Industries, Inc. | | | | | | | |
| Philadelphia, Pa. | | | | | | | |
| "Paco" Molasses Distillers Dried Solubles | Manchester | 10.00 | 12.8 | 0.50 | 0.6 | 1.00 | 0.9 |
| Quaker Oats Co. | | | | | | | |
| Chicago, Ill. | | | | | | | |
| Chappel Horse Meat | Concord | 15.00 | 15.0 | 10.00 | 13.1 | 1.00 | 0.2 |
| Ken-L-Ration | Concord | 10.00 | 10.0 | 2.50 | 9.5 | 1.00 | 0.4 |
| Bell Cow Wheat Bran | Manchester | 15.00 | 15.8 | 3.50 | 4.5 | 11.50 | 10.6 |
| Quebec Sugar Refining Co. | | | | | | | |
| St. Hilaire, Canada | | | | | | | |
| Dried Beet Pulp | Manchester | 7.00 | 7.5 | 0.30 | 0.4 | 22.50 | 21.1 |
| Radio Foods Corp. | | | | | | | |
| Lawrence, Mass. | | | | | | | |
| **Radio Dog Food | Concord | 7.00 | 9.6 | 2.00 | 4.5 | 1.50 | 1.0 |
| Ralston Purina Co. | | | | | | | |
| St. Louis, Mo. | | | | | | | |
| Purina Breeder Lay Chow E. | Manchester | 22.00 | 23.2 | 2.50 | 4.1 | 5.50 | 4.4 |
| Purina Broiler Chow Finished E. | Nashua | 18.00 | 19.6 | 3.00 | 4.1 | 4.50 | 3.7 |
| Purina Broiler Chow Finisher E (Mash) | Nashua | 18.00 | 19.2 | 3.00 | 4.3 | 4.50 | 3.8 |
| Purina Bulky Las | Greenland | 10.00 | 11.2 | 1.50 | 1.9 | 15.00 | 14.3 |
| Purina Calf Startena E | Colebrook | 19.50 | 22.4 | 2.50 | 2.6 | 9.50 | 7.1 |
| Purina Calf Startena E | Manchester | 19.50 | 21.3 | 2.50 | 2.9 | 9.50 | 7.3 |
| Purina Chek-R-Aid Checkerette-Etts | Manchester | 20.00 | 20.9 | 3.00 | 3.7 | 6.00 | 3.9 |
| Purina Chek-R-Ton Granules E | Nashua | 18.00 | 22.3 | 2.50 | 3.1 | 5.00 | 4.4 |
| Purina Chek-R-Ton Granules E | Concord | 18.00 | 21.5 | 2.50 | 3.9 | 5.00 | 4.9 |
| Purina Chick Growena E | Nashua | 17.00 | 17.6 | 3.00 | 4.1 | 7.00 | 5.0 |
| Purina Cow Chow 14 | Nashua | 14.00 | 14.1 | 3.00 | 3.4 | 10.00 | 6.0 |
| Purina Cow Chow 16 | Nashua | 16.00 | 15.9 | 3.00 | 3.3 | 10.00 | 6.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--------------|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |

Ralston Purina Co. (continued)

| | | | | | | | |
|--|------------|-------|-------------|------|-----|-------|------|
| Purina Cow Chow 18 | Concord | 18.00 | 17.5 | 3.00 | 3.4 | 10.00 | 5.9 |
| Purina D & F Chow E | Keene | 12.50 | 13.7 | 2.50 | 3.5 | 12.00 | 8.5 |
| Purina Dog Chow Checkers | Manchester | 24.00 | 24.1 | 5.00 | 8.0 | 5.00 | 3.9 |
| Purina Dog Chow Kibbled Meal | Dover | 24.00 | 27.8 | 7.00 | 7.0 | 5.00 | 5.0 |
| Purina Dog Chow Kibbled Meal | Manchester | 24.00 | 27.3 | 7.00 | 8.2 | 5.00 | 4.7 |
| Purina Flock Chow E | Nashua | 18.00 | 19.2 | 2.50 | 4.0 | 7.00 | 5.8 |
| Purina Game Bird Growena E | Greenland | 20.00 | 21.3 | 3.00 | 3.8 | 7.00 | 5.1 |
| Purina Goat Chow E | Dover | 16.00 | 17.1 | 3.00 | 5.3 | 10.00 | 5.7 |
| Purina Goat Chow E | Manchester | 16.00 | 18.9 | 3.00 | 3.7 | 10.00 | 6.7 |
| Purina Hog Fatena E | Concord | 14.00 | 15.4 | 2.50 | 3.6 | 7.00 | 3.7 |
| Purina Layena Complete Ration E | Keene | 16.00 | 16.3 | 2.50 | 4.0 | 5.00 | 3.4 |
| Purina Layena (Complete Ration) E | Concord | 16.00 | 16.5 | 2.50 | 3.8 | 5.00 | 3.4 |
| Purina Layena (Complete Ration) E | Manchester | 16.00 | 16.3 | 2.50 | 3.7 | 5.00 | 3.6 |
| Purina Mink Chow | Greenland | 20.00 | 23.4 | 2.00 | 4.1 | 5.00 | 3.0 |
| Purina Omolene | Keene | 10.00 | 11.3 | 3.00 | 3.6 | 11.00 | 6.5 |
| Purina Poultry Booster Checkers E | Dover | 24.00 | 25.3 | 2.50 | 3.3 | 8.00 | 5.6 |
| Purina Poultry Booster Chow E | Manchester | 24.00 | 25.3 | 2.50 | 3.7 | 8.00 | 5.5 |
| Purina Rabbit Chow Checkers (Complete Ration) E | Greenland | 15.00 | 16.5 | 2.00 | 3.0 | 18.00 | 12.9 |
| Purina Roaster Chow (Checker-Etts) | Concord | 17.00 | 19.0 | 2.50 | 3.5 | 6.50 | 4.5 |
| Purina Roaster Chow (Checker-Etts) | Manchester | 17.00 | 19.0 | 2.50 | 3.7 | 6.50 | 4.8 |
| Purina Turkey Fatena E | Concord | 15.50 | 16.6 | 2.50 | 3.8 | 8.00 | 4.9 |
| Purina Turkey Growena E | Nashua | 20.00 | 20.4 | 3.00 | 3.7 | 7.00 | 4.8 |
| Purina Turkey Startena E | Nashua | 28.00 | 26.8 | 2.50 | 3.9 | 7.00 | 5.7 |
| Purina .05% Sulfaquinolaxaline Mixture E in a Poultry Chow Base | Nashua | 18.00 | 19.7 | 3.00 | 3.1 | 7.00 | 4.4 |
| .005% 3-Nitro-4 Hydroxyphenylarsonic Acid and .02% Nitraphenide (from Megasul) in Purina Broiler Chow Finisher E | Concord | 18.00 | 20.1 | 3.00 | 4.4 | 4.50 | 3.6 |
| .005% 3-Nitro-4 Hydroxyphenylarsonic Acid and .02% Nitraphenide in Purina Broiler Chow Starter E | Concord | 22.00 | 23.0 | 3.00 | 3.8 | 5.00 | 3.8 |
| .005% 3-Nitro-4 Hydroxyphenylarsonic Acid in Purina Broiler Chow Finisher E | Concord | 18.00 | 19.1 | 3.00 | 3.5 | 4.50 | 3.6 |
| .005% 3-Nitro-4 Hydroxyphenylarsonic Acid in Purina Broiler Chow Starter E | Concord | 22.00 | 22.4 | 3.00 | 4.3 | 5.00 | 4.3 |
| .025% 4-Nitrophenylarsonic Acid (from Histostat) in Purina Turkey Fatena E | Concord | 15.50 | 17.6 | 2.50 | 3.6 | 8.00 | 4.8 |

**John Reardon & Sons
Cambridge, Mass.**

| | | | | | | | |
|--|---------|-------|------|------|------|------|-----|
| Register Brand Fish Meal | Nashua | 60.00 | 60.2 | 5.00 | 14.8 | 1.00 | 0.2 |
| Register Brand 43% Protein Meat and Bone Scrap | Suncook | 43.00 | 48.7 | 8.00 | 13.7 | ... | ... |

* Protein and fat not less than, crude fiber not more than.

| Manufacturer Brand | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|------------|------------------------------------|-------------|------------------|------------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| John Reardon & Sons (continued) | | | | | | | |
| Register Brand 43% Protein Meat and Bone Scrap | Concord | 43.00 | 46.2 | 8.00 | 11.9 | ... | ... |
| Register Brand 43% Protein Meat and Bone Scrap | Concord | 43.00 | 49.1 | 8.00 | 11.6 | ... | ... |
| Register Brand 43% Protein Meat and Bone Scrap | Nashua | 43.00 | 41.8 | 8.00 | 10.9 | ... | ... |
| Register Brand 45% Protein Meat and Bone Scrap | Dover | 45.00 | 42.5 | 8.00 | 10.1 | ... | ... |
| Register Brand 45% Protein Meat and Bone Scrap | Concord | 45.00 | 43.1 | 8.00 | 9.5 | ... | ... |
| Register Brand 45% Protein Meat and Bone Scrap | Concord | 45.00 | 47.1 | 8.00 | 12.5 | ... | ... |
| Register Brand 45% Protein Meat and Bone Scrap | Dover | 45.00 | 44.1 | 8.00 | 10.5 | ... | ... |
| Register Brand 45% Protein Meat and Bone Scrap | Concord | 45.00 | 43.9 | 8.00 | 9.8 | ... | ... |
| Register Brand 45% Meat and Bone Scrap | Concord | 45.00 | 42.1 | 8.00 | 10.3 | ... | ... |
| Re-Dan Packing Co. Ozone Park, L. I., N. Y. | | | | | | | |
| Cadet Dog Food | Concord | 8.00 | 8.4 | 2.00 | 3.6 | 1.50 | 1.2 |
| Rival Packing Co. Chicago 32, Ill. | | | | | | | |
| Rival Dog Food | Concord | 12.50 | 12.9 | 2.50 | 1.8 | 1.00 | 0.8 |
| Robin Hood Flour Mills Moosejaw, Canada | | | | | | | |
| **Blackhawk Pulverized Oat Mill Feed | Bow | 3.50 | 5.4 | 1.00 | 2.0 | 30.00 | 26.2 |
| Russell-Miller Milling Co. Minneapolis, Minn. | | | | | | | |
| Hard Wheat Occident Bran | Concord | 14.00 | 18.1 | 4.00 | 5.0 | 11.50 | 8.9 |
| Hard Wheat Occident Standard Middling with Ground Wheat Screenings | Lancaster | 15.00 | 17.2 | 4.00 | 5.0 | 9.50 | 7.7 |
| Schoeneck Farms, Inc. Nazareth, Pa. | | | | | | | |
| Schoeneck's Super-Green Dehydrated Alfalfa Meal | Nashua | 17.00 | 17.2 | 2.00 | 2.1 | 27.00 | 27.8 |
| Super Green Dehydrated Alfalfa Meal | Manchester | 17.00 | 16.1 | 2.00 | 3.1 | 27.00 | 22.2 |
| 17% Super Green Dehydrated Alfalfa Meal | Epping | 17.00 | 17.1 | 2.00 | 2.4 | 27.00 | 24.4 |
| Sea Board Supply Co. Philadelphia, Pa. | | | | | | | |
| **Dried Tomato Pomace | Greenfield | 20.00 | 22.8 | 10.50 | 15.1 | 36.00 | 29.8 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|--------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Joseph Seagram & Sons, Inc. Louisville, Ky. | | | | | | | |
| Seagram's Corn Distillers Dried Grains | Manchester | 26.00 | 26.8 | 8.00 | 7.8 | 11.00 | 7.9 |
| Seagram's 24% Protein Corn Distillers Dried Grains | Manchester | 24.00 | 27.3 | 7.00 | 8.9 | 14.00 | 7.8 |
| Sherwin Williams Cleveland, Ohio | | | | | | | |
| 34% Linseed Oil Meal Blend of Solvent Extracted & Expeller .. | Bow | 34.00 | 35.2 | 3.50 | 3.5 | 9.00 | 8.8 |
| W. J. Small Company Kansas City 6, Mo. | | | | | | | |
| Small's 17% Dehydrated Alfalfa Meal | Potter Place | 17.00 | 18.7 | 1.75 | 2.7 | 27.00 | 23.3 |
| Allen V. Smith, Inc. Marcellus Falls, N. Y. | | | | | | | |
| Smith's Barley Feed | Bow | 13.00 | 14.2 | 2.00 | 4.6 | 10.50 | 10.9 |
| Smith's Barley Feed | Manchester | 13.00 | 13.6 | 2.00 | 4.8 | 10.50 | 15.6 |
| B. T. Smith Conc., Inc. Lakeland, Florida | | | | | | | |
| **B. T. Smith Brand Dried Citrus Pulp | Keene | 6.00 | 5.5 | 3.00 | 3.7 | 15.00 | 15.6 |
| Smith Meal Co. Amagansett, N. Y. | | | | | | | |
| **Smith's Fish Meal | Manchester | 55.00 | 64.1 | 5.00 | 10.8 | 3.00 | 0.2 |
| South End Grain, Inc. Manchester, N. H. | | | | | | | |
| Nitrophenide Mixture in Superior Broiler | Manchester | 20.00 | 20.0 | 2.50 | 3.9 | 4.00 | 3.0 |
| Superior High Energy Breeder Mash | Manchester | 16.00 | 16.6 | 3.00 | 3.5 | 4.50 | 3.3 |
| The Southern Cotton Oil Co. Rocky Mount, N. C. | | | | | | | |
| **Sco-Co Brand 41% Protein Cottonseed Meal Prime Quality | Dover | 41.00 | 41.1 | 4.00 | 6.3 | 13.00 | 9.1 |
| F. B. Spaulding Co. Lancaster, N. H. | | | | | | | |
| Miracle Complete Egg Mash | Lancaster | 16.00 | 17.8 | 3.00 | 4.3 | 9.00 | 5.5 |
| Provender | Lancaster | 10.00 | 10.5 | 3.50 | 3.9 | 9.00 | 8.1 |
| Real Hog Grower & Fattener | Lancaster | 14.00 | 15.1 | 3.50 | 3.8 | 5.50 | 4.4 |
| Spaulding's 20% Dairy Ration .. | Lancaster | 20.00 | 21.2 | 2.75 | 3.8 | 9.00 | 7.8 |
| Spaulding's Fitting Ration | Lancaster | 12.00 | 14.9 | 3.25 | 3.8 | 9.00 | 7.7 |
| Spaulding's Horse Feed | Lancaster | 10.00 | 12.6 | 3.25 | 4.2 | 9.00 | 7.1 |
| Spencer Kellogg Co. Minneapolis, Minn. | | | | | | | |
| Spencer Kellogg Old Process Expeller Linseed Oil Meal | Colebrook | 32.00 | 34.5 | 3.50 | 3.8 | 9.50 | 8.4 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|---------------|------------------------------------|-------------|------------------|------------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| A. E. Staley Mfg. Co. | | | | | | | |
| Decatur, Ill. | | | | | | | |
| Staley's 44% Protein Solvent Ex- tracted Soybean Oil Meal | Manchester | 44.00 | 45.2 | 0.50 | 0.7 | 7.00 | 6.3 |
| Suni Citrus Products Co. | | | | | | | |
| Haines City, Fla. | | | | | | | |
| Sweet Suni Citrus Pulp | Woodsville | 6.00 | 6.0 | 5.00 | 3.0 | 15.00 | 12.3 |
| Swift and Co. | | | | | | | |
| Chicago, Ill. | | | | | | | |
| Pard Swift's Dog Food | Concord | 10.50 | 11.00 | 2.50 | 5.8 | 1.00 | 0.5 |
| Swift's Pard Meal | Concord | 26.00 | 26.9 | 7.50 | 8.5 | 5.00 | 2.8 |
| Timerson Canning Co., Inc. | | | | | | | |
| Fair Haven, N. Y. | | | | | | | |
| **Timco Dog & Cat Food | Concord | 12.00 | 11.5 | 2.50 | 3.9 | 1.25 | 1.2 |
| Toronto Elevators, Ltd. | | | | | | | |
| Montreal, Canada | | | | | | | |
| **Double Diamond Linseed Oil Cake Meal | Manchester | 34.00 | 35.5 | 4.00 | 4.4 | 9.00 | 8.3 |
| Trexler Farms | | | | | | | |
| Allentown, Pa. | | | | | | | |
| **Buffalo Brand 17% Fancy Fine Ground Dehydrated Alfalfa Meal | Nashua | 17.00 | 16.7 | 2.00 | 2.1 | 27.00 | 25.1 |
| Union Starch & Refining Co. | | | | | | | |
| Columbus, Ohio | | | | | | | |
| Union Corn Gluten Feed | Manchester | 23.00 | 25.7 | 2.00 | 3.6 | 8.50 | 7.1 |
| Union Corn Gluten Meal | Manchester | 41.00 | 43.6 | 1.00 | 2.3 | 5.00 | 4.9 |
| United Cooperative Farmers, Inc. | | | | | | | |
| Fitchburg, Mass. | | | | | | | |
| **Fitting Ration | New Ipswich | 14.00 | 14.1 | 3.00 | 4.2 | 9.00 | 5.3 |
| **United Farmers Layer | New Ipswich | 20.00 | 21.2 | 2.50 | 3.9 | 5.50 | 4.5 |
| **16% Super Dairy | New Ipswich | 16.00 | 16.8 | 3.50 | 3.5 | 9.00 | 7.2 |
| Unity Feeds, Inc. | | | | | | | |
| Manchester, N. H. | | | | | | | |
| Unity Feeds Breeder Mash (Bulk) | E. Manchester | 20.00 | 21.3 | 3.00 | 4.2 | 6.00 | 5.1 |
| Unity Feeds Chick Starter | Manchester | 20.00 | 20.3 | 3.00 | 3.6 | 4.50 | 4.3 |
| Unity Feeds Complete Growing Mash (Pelleted) | Milford | 15.00 | 17.4 | 3.00 | 3.2 | 7.00 | 5.0 |
| Unity Feeds Complete Market Egg Mash | Milford | 15.00 | 16.9 | 3.00 | 3.1 | 6.00 | 4.7 |
| Unity Feeds Dairy Fitting Ration | Milford | 14.00 | 15.4 | 3.50 | 4.2 | 8.00 | 6.2 |
| Unity Feeds Dairy & Fitting Ration | Manchester | 14.00 | 14.7 | 3.50 | 3.5 | 8.00 | 6.9 |
| Unity Feeds 16% Dairy Ration . . | Milford | 16.00 | 15.2 | 3.50 | 4.9 | 9.00 | 7.9 |
| Unity Feeds Fattening Station (Mash) | Milford | 14.00 | 16.2 | 3.00 | 4.9 | 7.00 | 6.9 |
| **Unity Feeds High Energy Breeder Mash | Milford | 16.00 | 16.5 | 3.00 | 3.9 | 4.00 | 3.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|---|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| Unity Feeds (continued) | | | | | | | |
| Unity Feeds High Energy Breeder Mash | Manchester | 16.00 | 16.9 | 3.00 | 4.4 | 4.00 | 3.5 |
| **Unity Feeds High Energy Growing Mash | Milford | 15.00 | 17.2 | 3.00 | 4.0 | 4.50 | 3.2 |
| Unity Feeds Horse Feed | Manchester | 10.00 | 10.8 | 3.00 | 3.0 | 9.00 | 4.0 |
| **Unity Feeds High Energy Laying Mash | Milford | 15.00 | 17.7 | 3.00 | 4.6 | 4.50 | 3.7 |
| Unity Feeds Laying Mash | Milford | 20.00 | 21.5 | 3.00 | 3.6 | 7.00 | 5.3 |
| Unity Feeds Nitrophenide in Advance Ration | Milford | 20.00 | 21.3 | 2.50 | 3.7 | 4.50 | 3.6 |
| Unity Feeds Nitrophenide in Advance Ration | Manchester | 20.00 | 19.9 | 2.50 | 3.8 | 4.50 | 4.1 |
| Unity Feeds Nitrophenide-Arsanilic Acid in Super Ration | Manchester | 20.00 | 20.3 | 3.00 | 4.1 | 3.50 | 3.2 |
| Unity Feeds Nitrophenide-Arsanilic Acid in Unity Super-Gro Ration | Milford | 17.00 | 17.3 | 2.50 | 3.8 | 3.50 | 2.9 |
| Unity Feeds Pig & Hog Ration | Milford | 17.00 | 18.2 | 3.00 | 3.7 | 6.00 | 4.4 |
| Unity Feeds Super Gro Ration | Milford | 17.00 | 18.3 | 2.50 | 4.0 | 3.50 | 2.5 |
| Unity Grist Mill 4-Way Mash | Milford | 15.00 | 16.7 | 3.50 | 3.6 | 7.00 | 5.0 |
| Unity Grist Mill 4-Way Mash | Manchester | 15.00 | 17.6 | 3.50 | 4.5 | 7.00 | 5.1 |
| Unity Breeder Mash | Manchester | 20.00 | 19.8 | 3.00 | 4.6 | 6.00 | 5.3 |
| Unity Feeds 16% Dairy Ration | Hopkinton | 16.00 | 18.1 | 3.50 | 4.3 | 9.00 | 7.9 |
| Unity Feeds Hi Energy Breeder | Nashua | 16.00 | 17.0 | 3.00 | 4.3 | 4.00 | 3.7 |
| Usen Canning Co. | | | | | | | |
| Boston, Mass. | | | | | | | |
| **Cop-E-Cat All Fish Cat Food | Concord | 16.00 | 14.5 | 0.30 | 0.4 | 0.30 | 0.2 |
| Valier & Spies Milling Co. | | | | | | | |
| St. Louis, Mo. | | | | | | | |
| Valier's Wheat Bran | Colebrook | 14.50 | 16.7 | 3.50 | 4.0 | 10.50 | 8.1 |
| Victory Mills, Ltd. | | | | | | | |
| Toronto, Canada | | | | | | | |
| Veelene Soybean Oil Meal Solvent Extracted | Colebrook | 44.00 | 44.9 | 0.50 | 1.3 | 7.00 | 6.9 |
| H. K. Webster Co. | | | | | | | |
| Lawrence, Mass. | | | | | | | |
| Blue Seal Breeder's Mash | Concord | 20.00 | 20.4 | 3.50 | 4.5 | 7.00 | 5.5 |
| Blue Seal Calf Starter | Colebrook | 19.00 | 18.6 | 3.50 | 3.4 | 7.50 | 7.1 |
| Blue Seal Chlortetracycline and Sulfaminoxaline Mixture | Nashua | 20.00 | 20.3 | 3.00 | 3.7 | 4.00 | 3.8 |
| Blue Seal "16" Dairy Ration Coarse | Colebrook | 16.00 | 17.1 | 3.50 | 4.2 | 9.00 | 7.7 |
| Blue Seal Fine "16" Dairy Ration | Colebrook | 16.00 | 17.9 | 3.50 | 3.9 | 9.00 | 7.8 |
| **Blue Seal "18" Dairy Ration | Colebrook | 18.00 | 18.9 | 3.50 | 4.1 | 9.00 | 7.4 |
| Blue Seal "20" Dairy Ration Coarse | Colebrook | 20.00 | 20.5 | 3.50 | 3.9 | 9.00 | 7.0 |
| Blue Seal Egg Mash | Nashua | 20.00 | 20.9 | 3.50 | 3.7 | 7.00 | 5.9 |
| Blue Seal Fattening Pellets | Concord | 14.00 | 15.3 | 3.50 | 4.8 | 6.50 | 5.1 |
| Blue Seal Fitting Ration | Colebrook | 14.00 | 14.8 | 3.50 | 3.7 | 9.00 | 8.1 |
| Blue Seal Growing Mash | Nashua | 18.00 | 18.9 | 3.50 | 4.4 | 7.00 | 5.8 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | |
|--|------------|------------------------------------|-------|------------------|-------|------------------|-------|
| | | Protein | | Fat | | Crude Fiber | |
| | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND |
| H. K. Webster (continued) | | | | | | | |
| Blue Seal Nitrophenide Mixture in a Chick Starter | Nashua | 19.00 | 19.5 | 3.50 | 4.5 | 6.50 | 5.6 |
| Blue Seal O-R-O Medic-Aid | Nashua | 20.00 | 22.0 | 3.00 | 3.7 | 4.00 | 4.4 |
| Blue Seal Pig Feed | Nashua | 15.00 | 16.1 | 3.00 | 5.5 | 6.00 | 4.9 |
| Blue Seal Poultry and Turkey Fit- ting | Nashua | 12.00 | 13.7 | 2.50 | 3.2 | 6.00 | 4.2 |
| Blue Seal Provender | Colebrook | 9.50 | 9.5 | 3.50 | 4.0 | 7.00 | 5.1 |
| Blue Seal Scratch Feed | Nashua | 9.50 | 10.9 | 2.50 | 3.0 | 4.00 | 2.4 |
| Blue Seal Succulent Feed & Calving Ration | Colebrook | 12.00 | 14.0 | 1.50 | 2.3 | 18.00 | 14.5 |
| Blue Seal Sulfaquinoxaline in Super Starter & Broiler | Concord | 20.00 | 21.4 | 3.00 | 3.9 | 4.00 | 3.7 |
| Blue Seal Super All-Mash Breeder's Ration | Concord | 16.00 | 16.6 | 3.50 | 4.3 | 4.00 | 3.3 |
| Blue Seal Super All-Mash Egg Ra- tion | Concord | 16.00 | 18.0 | 3.00 | 3.8 | 4.00 | 3.8 |
| Blue Seal Super All-Mash Egg Ra- tion | Nashua | 16.00 | 18.4 | 3.00 | 3.6 | 4.00 | 3.9 |
| Blue Seal Super All-Mash Growing Ration | Concord | 16.00 | 17.7 | 3.00 | 4.0 | 4.00 | 3.8 |
| Blue Seal Super Mash | Nashua | 20.00 | 21.1 | 3.50 | 4.4 | 4.00 | 3.4 |
| Blue Seal Turkey Growing | Nashua | 20.00 | 21.1 | 3.50 | 3.8 | 7.00 | 6.0 |
| Western Condensing Co. | | | | | | | |
| Appleton, Wis. | | | | | | | |
| Peebles Calf-Kit | Laconia | 17.00 | 17.4 | 1.00 | 1.1 | 0.40 | 0.2 |
| Whitmoyer Laboratories, Inc. | | | | | | | |
| Myerstown, Pa. | | | | | | | |
| Clo-Meal | Keene | 40.00 | 44.4 | 10.00 | 20.9 | 3.75 | 1.2 |
| Gro-Tein | Keene | 42.00 | 51.0 | 6.00 | 4.9 | 5.50 | 1.2 |
| **Whitmoyer Quality Fish Meal ... | Manchester | 59.00 | 56.0 | 1.00 | 11.7 | 2.00 | 0.9 |
| Whitmoyer Quality Fish Meal ... | Suncook | 60.00 | 62.5 | 7.00 | 2.9 | 3.00 | 0.4 |
| Wilson & Co., Inc. | | | | | | | |
| Chicago, Ill. | | | | | | | |
| **Ideal Dog Food | Concord | 10.00 | 9.8 | 2.00 | 6.1 | 1.00 | 0.5 |
| James Wilson & Sons | | | | | | | |
| Fergus, Ontario, Canada | | | | | | | |
| **Pulverized Oat Hulls | Manchester | 4.00 | 10.2 | 1.00 | 2.7 | 30.00 | 18.7 |
| Winter Garden Citrus Products Corp. | | | | | | | |
| Winter Garden, Florida | | | | | | | |
| **Wholesome Dried Citrus Pulp ... | Peterboro | 5.00 | 6.1 | 2.50 | 3.4 | 16.00 | 10.1 |
| Wirthmore Feed Co., Inc. | | | | | | | |
| Concord, N. H. | | | | | | | |
| Hygrade Breeder Mash | Hollis | 20.00 | 20.1 | 3.50 | 4.6 | 7.50 | 6.0 |
| Hygrade Complete Breeder | Concord | 16.00 | 17.1 | 3.50 | 5.5 | 7.00 | 5.3 |
| Hygrade Complete Grower | Concord | 15.00 | 16.3 | 3.50 | 5.1 | 7.00 | 5.3 |
| Hygrade 16% Dairy | Lisbon | 16.00 | 17.9 | 3.50 | 4.1 | 9.00 | 8.1 |
| Hygrade 18% Dairy | Concord | 18.00 | 20.0 | 3.50 | 4.2 | 9.00 | 8.2 |
| Hygrade 14% Fitting Ration | Lisbon | 14.00 | 16.4 | 3.50 | 3.8 | 9.00 | 8.2 |

* Protein and fat not less than, crude fiber not more than.

** Not registered at time of drawing of sample.

| Manufacturer | Brand | Sampled in | Pounds in 100 lbs. of Feedingstuff | | | | | | |
|--|-------|------------|------------------------------------|-------|------------------|-------|------------------|-------|--|
| | | | Protein | | Fat | | Crude Fiber | | |
| | | | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | GUAR- ANTEED* | FOUND | |
| Wirthmore Feed Co. (continued) | | | | | | | | | |
| Hygrade Growing Mash (Pellets) | | Loudon | 18.00 | 19.5 | 3.00 | 3.3 | 7.50 | 5.2 | |
| Hygrade Hi-Energy Breeder | | Loudon | 16.00 | 17.2 | 3.00 | 3.3 | 7.50 | 5.2 | |
| Hygrade Hi-Energy Breeder | | Hollis | 16.00 | 17.2 | 3.00 | 4.5 | 4.50 | 3.7 | |
| Hygrade Hi-Energy Breeder | | Loudon | 16.00 | 16.5 | 3.00 | 4.7 | 4.50 | 3.4 | |
| Hygrade Horse Feed | | Concord | 10.00 | 11.1 | 3.00 | 3.5 | 10.00 | 7.7 | |
| Hygrade Laying Mash | | Hollis | 20.00 | 20.8 | 3.50 | 5.6 | 7.50 | 6.1 | |
| Hygrade Pig Feed | | Concord | 17.00 | 16.8 | 3.50 | 4.1 | 7.50 | 5.5 | |
| Hygrade Provender | | Concord | 9.00 | 10.1 | 4.50 | 3.6 | 7.00 | 7.9 | |
| Hygrade Sulfaquinoxaline .017% in Broiler Ration | | Concord | 20.00 | 20.6 | 3.00 | 4.8 | 4.50 | 3.8 | |
| Hygrade Sulfaquinoxaline .0125% in High Energy Grower | | Concord | 16.00 | 17.3 | 3.00 | 5.2 | 4.50 | 3.8 | |

The following products were unregistered by the New Hampshire Department of Agriculture at the time they were found exposed for sale, but samples were not drawn.

| | |
|---|--|
| Buckeye Cotton Oil Co. Buckeye 41% Protein Cottonseed Meal P. Q. | Cincinnati, Ohio 41-4-13 |
| Cherry & Sons, S. J. Wheat Bran | Preston, Ont., Canada 14-3.5-11.5 |
| Dover Milling Company Pure Wheat Bran | Dover, Ohio 14-3-10 |
| Haffenreffer & Company Haffenreffer Brewers Dried Yeast | Boston 30, Mass. 42-8-5.5 |
| Harper Feed Mills Harco Complete Calf Ration | Washington, Penna. 15-2-10 |
| Lake of the Woods Milling Co. Lakewood Wheat Bran | Montreal, Quebec, Canada 15-3.5-11.5 |
| Maine Marine Products Plain Fish Meal White Fish Meal | Portland, Maine |
| Merrimack Farmers' Exch., Inc. Merrimack Farmers Mineral Mixture | Concord, N. H. |
| Pierce Grain Company Reliance Starting and Growing Mash Superior Complete Laying Mash | Buffalo, New York 18-3.5-7.5 16-3.5-8.25 |
| Ralston Purina Company Laboratory Chow | St. Louis, Missouri 23-5-6 |
| Universal Grain Company 36% Protein Solvent Ext. Linseed Oil Meal | New York 4, N. Y. 36-1.5-9 |

* Protein and fat not less than, crude fiber not more than.







