

Commercial
FEEDING STUFFS
1964 Report on Inspection

H. J. FISHER
Chief Chemist

Bulletin 675

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ERRATUM

COMMERCIAL FEEDING STUFFS 1964

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Pages 57 and 59 have been transposed, with the result that the correct fat, fiber and medicant values for the Beacon Feeds and Berkman Grain Company samples listed on page 56 will be found on page 59, while the corresponding values for the Berkman, Blatchford, Bloomfield, Blue River, Brooklawn and Brown -Forman samples listed on page 58 will be found on page 57.

THE CONNECTICUT AGRICULTURAL
EXPERIMENT STATION

New Haven

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COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1964

H. J. FISHER¹

THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 428, General Statutes, Revision of 1958) imposes upon the Station: (1) all duties incidental to the annual registration of feeds offered for sale in the State, (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law. As a result of a general reorganization of State departments by the General Assembly in 1959, the Food and Drug Commission was abolished and its duties transferred to a new Department of Consumer Protection.

Section 22-116 of the 1959 Revision of the General Statutes delegates the enforcement provisions of the feed law to the Commissioner of Consumer Protection.

The following regulations were issued by the Director of this Station and the Food and Drug Commissioner in February, 1949:

REGULATIONS

REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (Sec. 22-112)

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

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

¹ Analyses are by Mr. Richard Merwin, Mr. Werner Mueller, Mr. Charles Kahn and Miss Helen Kocaba; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Lois Hornig; and sampling by Mr. R. Richard Nichols. Compilations are by Miss Maria Coppola.

REGULATION 8. CONCERNING MEDICATED FEEDS AND MINERAL MIXTURES

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

REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

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

REGULATION 10. REVISIONS AND SUBSTITUTIONS OF REGISTRATIONS

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

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

REGISTRATIONS

For the period January 1, 1964 to December 31, 1964, 164 firms registered 1,071 brands of feeding stuffs, and 18 firms registered 42 brands of vitamin carriers.

ACME-EVANS CO., INC., Division of General Grain, Inc., 902 W. Washington Ave., Indianapolis, Indiana

Acme Hominy Feed
Acme Wheat Bran
Acme Wheat Middlings with Ground Wheat Screenings

AGWAY, INC., Feed Division, P.O. Box 128, 560 Delaware Ave., Buffalo, New York 14240

(See also Vitamin Carriers)

Alfapels (15% Protein Dehydrated Pelleted Alfalfa Meal)
Appiwhew
Booster Bits Medicated
Bre-Bits-Medicated
Bre-Bits (A) Medicated
Broiler Finisher-Medicated
Broiler Finisher (W) Medicated
Broiler Starter-Medicated
Broiler Starter (W) Medicated
Bro-Mix (B) Medicated
Bulky
Cage Bits (A) Medicated
Calf Grower
Calf Grow-ettes
Calf Starter
Cashmaker-Medicated
Cashmaker 17 (A) Medicated
Champion
Chik Starter (A) Medicated
Chik Starter (B) Medicated
Choice
Class Leader
Compact 16 Pellets ESM
Corn Gluten Feed
Dairypels 16
Dari-Krunch
DFE
Dehulled Solvent Extracted Soybean Meal
Drought Aid Sixty 14
Drought Aid Sixty 16
Drought Feed 16
Drought Forage Extender
Drought Grain Mix
Drought Grain Mix A
Drought Grain Mix B
Early Bird (Pre-Starter) Medicated

AGWAY, INC. -Cont.

Egg Producer 21
 Egg Producer 21-(A) Medicated
 Es-Cage Bits
 Es-Cage Bits (A) Medicated
 Es-Gro-Bits (A) Medicated
 Es-Lay Bits (A) Medicated
 Exchange Champ
 Fifty-Mix
 Floor and Cage Layer
 Fulpail
 Game & Turkey Grower
 Game & Turkey Starter
 Glen-Haven Demand Horse Feed
 Gro-Bits-Medicated
 Gro-Bits (A) Medicated
 Gro-Bits-WM-Medicated
 Hi-Egg Mixer
 Highland 16 Pellets
 30% Hi-Pro Concentrate
 Hog Feed
 Hog Supplement
 Hominy Feed
 Ket-A-Way Medicated
 Lay-Bits Medicated
 Lay-Bits (A) Medicated
 Lay Mix Medicated
 Lay-Mix (A) Medicated
 Lipamone Roaster 1/2-Medicated
 Market Bits
 Matchmaker Medicated
 Medicated Defender
 Medicated Lacto-Life
 Medicated Minuteman
 Medicated Minuteman-SQ
 Medicated-Sentinel
 Medicated-Turkey Starter F
 Milkerpels 14
 Milkerpels 16
 Milkerpels 16-WA-Medicated
 Milkerpels 20
 1500-20 Milkerpels ESM
 1550-14 Milkerpels
 Milk Maker 16
 Milkmore
 Milkmore 16 ESM
 Milksaver
 Minuteman Medicated
 20% Mixer Krums ESM
 32% Mixer Krums
 40% Mixer Krums ESM
 Pacemaker Medicated
 Pacemaker Starter (A) Medicated
 Pacemaker Starter (B) Medicated

AGWAY, INC. -Cont.

Pacemaker Starter (M) Medicated
 Pel-22 Medicated
 Pel-Gro-Medicated
 Pel-Lay Medicated
 1600-16 Pellets
 Pork Builder
 Pork Finisher Mix
 Pork Gainer-Medicated (3.0% Fiber)
 Pork Gainer-Medicated (4.0% Fiber)
 Porkmix
 38% Pork Mix
 Pork Primer-Medicated (Pellets)
 Poultry Wormer
 Protek A-Medicated
 Protek-A Bits Medicated
 Protek F-Medicated
 Protek F-Bits Medicated
 Protek H-Medicated
 Pullet Grower 20 (A) Medicated
 Rabbettes-Medicated
 Red Tag-Medicated
 Roaster Finisher-Medicated
 Roaster Finisher (W) Medicated
 Sentinel Bits Medicated
 Sixty Mixer
 Sow & Pig Feed
 Sow & Pig Supplement
 Squealer Medicated
 Sted-A-Milk
 Super Exchange Dairy
 Super Fit-N-Fresh
 Super Test Feed
 Supmix
 Sweepstakes
 Tastibulk
 Trim
 Turkey Breeder
 Turkey Finisher
 Turkey Finisher-C-Medicated
 Turkey Finisher (S) Medicated
 Turkey Grower
 Turkey Grower-C-Medicated
 Turkey Grower (S) Medicated
 Turkey Starter (B) Medicated
 Turkey Starter (F) Medicated
 Veal-N-Gro Medicated
 Wheat Middlings

ALBERS MILLING CO., (A Division of Carnation Co.), 5045
 Wilshire Blvd., Los Angeles 36, California

Albers Calf Manna
 Albers Rabbit Breeder Paks

BEACON FEEDS, Beacon Division of Textron, Inc. -Cont.

Beacon Turkey and Game Bird Breeder All-Mash
 Beacon "20" Turkey and Game Bird Grower
 Beacon "20" Turkey Grower C Medicated
 Beacon Turkey Starter AP Medicated
 Beacon Turkey Starter SQA Medicated
 Be-Co Grower
 Be-Co AP Medicated
 Be-Co-Lass
 Be-Co-Nurse Milk Replacer
 Pro-pel "16" Dairy

BEACON FEED SERVICE, Uxbridge, Massachusetts

Beacon "16" Dairy Ration
 Beacon Drought Emergency Corn and Oats Mixture
 Beacon Egg Mate
 Beacon Keep Sweet Silage Preservative
 SNE Succulent

THE BERKMAN GRAIN CO., North Franklin, Connecticut

Nibco 18% Dairy Ration
 Nibco Fitting Ration
 Nibco Five Star Breeder
 Nibco Five Star Light Breeder
 Nibco Special Five Star Lo Color (Protein 16.0%)
 Nibco Special Five Star Lo Color (Protein 18.0%)
 Nibco Five Star Roaster (Nicarbazin 0.010%)
 Nibco Five Star Roaster (Dienestrol Diacetate 0.007%;
 Nicarbazin 0.010%)
 Nibco Five Star Roaster (Dienestrol Diacetate 0.023%;
 Nicarbazin 0.010%)
 Nibco Five Star Super Starter
 Nibco Five Star Weight Maker
 Nibco Five Star Weight Maker (Nicarbazin 0.010%)
 Nibco Five Star Weight Maker (Nicarbazin 0.010%;
 Dienestrol Diacetate 0.0023%)
 Nibco High Energy Layer
 Nibco High Energy Laying & Growing Mash
 Nibco Medicated Booster Feed
 Nibco Pullet Builder
 Nibco Pullet Starter

THE BLOOMFIELD FARMERS' EXCHANGE, INC., Bloomfield, Connecticut

Bloomfield 16% Dairy Ration

BLUE RIVER FEED MILLS, INC., Edinburg, Indiana

Horse Honey

BROOKLAWN GRAIN & FEED CO., 321 Sylvan Ave., Bridgeport, Connecticut

Brooklawn 16% Dairy Ration
 Brooklawn High Energy Layer

BROWN-FORMAN DISTILLERS CORP., Louisville, Kentucky

Brown-Forman Corn Distillers Dried Grains
 Brown-Forman Corn Distillers Solubles

BUCKEYE CELLULOSE CORP., 301 E. 6th St., Cincinnati, Ohio

Buckeye 41% Protein Solvent Extracted Cottonseed Meal
 (with added Hydrolyzed Cottonseed Oil)

BURNETT'S FOODS, INC., 3247 Laconia Ave., Bronx, N.Y.

Burnett's Hamster Food
 Burnett's Hamster Treat

CAMDEN GRAIN CO., 1709 Kossuth St., Camden, N.J.

Camden Brand Brewers Dried Grains

CANADIAN SUGAR FACTORIES LTD., Taber and Picture Butte, Alberta, Canada

Registered by Mowat, Wilson & Co., Detroit 35, Mich.

C. F. S. Alberta Pulp Dried Molasses Beet Pulp

THE A. B. CAPLE CO., Toledo, Ohio

17% Capex Dehydrated Alfalfa Meal

CARGILL, INCORPORATED, Cargill Bldg., Minneapolis 15, Minn.

Cargill, Incorporated 32% Protein Solvent Extracted
 Linseed Meal
 Cargill, Incorporated 44% Protein Solvent Extracted
 Soybean Meal
 Cargill, Incorporated 50% Protein Solvent Extracted
 Dehulled Soybean Meal

CARLING BREWING CO., 9400 Quincy Ave., Cleveland, Ohio

Carling Brewers Dried Grains

CENTRAL CONN. CO-OP FARMERS' ASSOCIATION, INC., 10
Apel Place, Manchester, Connecticut

Honest Brand Aureomycin Mix 100 Grams Mash
 Honest Brand Aureomycin Mix Medicated 200 Grams
 Honest Brand Caged Layer Ration Mash Pellets or Crumbles

CENTRAL CONN. CO-OP FARMERS' ASSOCIATION, INC. -Cont.

Honest Brand Complete Breeder Mash
 Honest Brand Complete Ration High Energy Growing Mash
 Honest Brand Complete Ration High Energy Growing Mash-Medicated
 Honest Brand Complete Ration High Energy Growing Mash Sulfaquinoxaline Mixture
 Honest Brand Complete Ration High Energy Laying Mash
 Honest Brand Complete Ration High Energy Laying Mash Pellets and/or Crumbles Medicated (Furazolidone)
 Honest Brand High Energy Complete Ration Laying Mash Medicated
 Honest Brand Light Breed Formula Complete Ration High Energy Laying Mash
 Honest Brand Medicated Poultry Feed (N F 180)
 Honest Brand Nu Lay Layer Ration
 Honest Brand Nu Lay Layer Ration Mash Pellets and/or Crumbles Medicated (Furazolidone)
 Honest Brand Nu Weigh-Hi Broiler Finisher Mash
 Honest Brand Nu Weigh-Hi Broiler Mash Medicated
 Honest Brand Nu Weigh-Hi Starter Mash-Medicated (Nihydrazone)
 Honest Brand Nu Weigh-Hi Starter Mash-Medicated (Sulfaquinoxaline)
 Honest Brand Triple Mix Medicated

CHELSEA MILLING CO., North St., Chelsea, Michigan

Chelsea Wheat Middlings

CENTRAL SOYA, McMillen Feed Division, Ft. Wayne, Indiana

0.0116% Dienestrol Diacetate Mix Incorporated In Master Mix Broiler Finisher Concentrate 375C-71P Med. Forty-Four; 44% Solvent Extracted Soybean Meal
 Master Mix 18% All Mash Turkey Grower 421
 Master Mix 18% All Mash Turkey Grower 421-06E Med.
 Master Mix Blended Fifty-675
 Master Mix Broiler Finisher Concentrate 375C
 Master Mix Broiler Starter Concentrate 351-18A Medicated
 Master Mix Broiler Starter 307-18C Medicated
 Master Mix Calflac Medicated
 Master Mix Calf Mixer-559
 Master Mix Chick Concentrate 153
 Master Mix Chick Concentrate 153-04G Medicated
 Master Mix Complete Rabbit Pellets 961-84E Medicated
 Master Mix Complete Turkey Finisher 445 (Pellets)
 Master Mix Complete Turkey Finisher 445-06E Medicated
 Master Mix Dairy Blender-652
 Master Mix 38% Dairy Concentrate 671
 Master Mix Eastern Big "M" Dairy Feed 622
 Master Mix Egg Concentrate 263
 Master Mix Egglac Pellets 223
 Master Mix Egg Mash 211

CENTRAL SOYA, McMillen Feed Division -Cont.

Master Mix H. C. Breeder Concentrate 087
 Master Mix Hi-Production 16% Dairy 627
 Master Mix Hi-Production 16% Draught Feed-627A
 Master Mix Hog Finisher Concentrate 889
 Master Mix Horse Feed 967
 Master Mix Horse and Pony Pellets 964
 Master Mix HQ 16% Dairy 618
 Master Mix HQ 20% Dairy 633
 Master Mix HQ 16% Draught Feed 618E
 Master Mix HQ Master Blend Concentrate 667
 Master Mix Medicated Cattle BIO 50-350 Pellets (718-03K)
 Master Mix Pacemaker - 962
 Master Mix Pig and Sow Feed 827-01A
 Master Mix Poult Starter 401-83A Medicated
 Master Mix Pullet Concentrate 163
 Master Mix Pullet Concentrate 163-04H Medicated
 Master Mix Ruma-Bulk 646
 Master Mix Sweet Bulk 'N Flakes 648
 Master Mix Sweet 16% Dairy 620
 Soybran Registered Trademark of FLAKED SOYBEAN HULLS
 Thrifty-Fifty 50% Solvent Extracted Dehulled Soybean Meal

S. J. CHERRY & SONS, LTD., Preston, Ontario, Canada

Wheat Bran

CIBA PHARMACEUTICAL CO., Division of CIBA Corporation, 556 Morris Ave., Summit, New Jersey

Serpasil^R Reserpine Premix CIBA-Medicated

CLINTON CORN PROCESSING CO., a Division of Standard Brands Incorporated, Box 340, Clinton, Iowa 52733

(See also Vitamin Carriers)

Clinton CFS Concentrate No. 1
 Clinton 21% Protein Corn Gluten Feed
 Clinton 41% Protein Corn Gluten Meal

CONN. BI-PRODUCTS, INC., Hop River Road, Columbia, Conn.

Hydrolyzed Poultry Feathers
 Meat and Bone Meal
 Poultry By-Product Meal

CONSOLIDATED RENDERING CO., 178 Atlantic Ave., Boston 10, Massachusetts

CORENCO 47% Meat & Bone Scrap
 CORENCO 48% Meat & Bone Scrap
 CORENCO 50% Meat & Bone Scrap

CONTINENTAL DISTILLING CORPORATION, 1429 Walnut St.,
Philadelphia 2, Pennsylvania

Prograsol Corn Distillers Dried Grains with Solubles

COOPERATIVE GRANGE LEAGUE FEDERATION EXCHANGE,
INC., Mills Division, Port of Albany, Albany, New York

Bloomfield 16% Dairy Ration
Bloomfield Hominy Mix
Hominy Feed

CORN PRODUCTS CO., 717 Fifth Ave., New York 22, New York

Buffalo Brand 21% Corn Gluten Feed
Diamond Brand 41% Corn Gluten Meal

COUNTRY BEST FOODS, Agway, Inc., Terrace Hill, Ithaca, N. Y.

Big Red Rabbit Food Pellets

DARI-DRI COMPANY, Div. of Milk Specialties, Dundee, Illinois

Dari-Dri Baby Calf Formula

DAWNWOOD FARMS, Wassaic, New York

(See also Vitamin Carriers)

Dawnwood Farms Caf-Star
Dawnwood Farms HI-FAT CAF-STAR

DCA FOOD INDUSTRIES, INC., Ellicott City, Maryland

Domaco Pure Winter Wheat Bran
Domaco Wheat Middlings

DELAWARE MILLING CO., INC., Deposit, New York

(D) Delaware Rabbit Pellets
(D) Delaware Scratch Grains
Eastern Connecticut Grain Associates Growing Mash Med.
Middlesex All-Mash Layer
Warren's C & C Complete Laying Mash
Warren's Dairy Pellets U
Warren's 16% Test Ration

DELPHOS SOYA PRODUCTS CO., Delphos, Ohio

44% Protein Soybean Meal

DERBY FEED STORE, 176 Main Street, Derby, Connecticut

Litsky's Hi-Energy All Mash Grower
Litsky's Hi-Energy All Mash Layer

DERBY FEED STORE -Cont.

Litsky's Hi-Energy Layer
Litsky's Hi-Energy Starter-Broiler
Litsky's Sweet 16% Dairy Ration

DOW BREWERY LIMITED, 990 Notre Dame St. West, Montreal,
Quebec, Canada

Brewer's Dried Grains

E. I. duPONT deNEMOURS & COMPANY, Wilmington, Del. 19898

DU PONT TWO-SIXTY-TWO Feed Compound

DUQUESNE BREWING CO. of PITTSBURG, So. 22nd & Mary
Streets, Pittsburgh, Pennsylvania

Bulk Brewers Dried Grains

ELMORE MILLING CO., INC., 52 Main Street, Oneonta, N. Y.

Elmore Bulky Base
Elmore Bull Feed
Elmore Calf Grain Ration
Elmore Chixsaver
Elmore's Complete Calf Milk Replacer
Elmore Complete Growing Mash
Elmore Complete Growing Ration Medicated (IZ)
Elmore Complete Laying Mash
Elmore Complete Market Egg Mash
Elmore Complete Rabbit Ration Pellets
Elmore Complete Turkey Growing Mash
Elmore Complete Turkey Growing Mash Medicated (IH)
Elmore Dry & Freshening Ration
Elmore Economy 16% Dairy
Elmore Egg Mash
Elmore Fitting Ration 14%
Elmore Flaked Pelleted Calf Starter
Elmore Game Bird Breeder Mash
Elmore Game Bird Grower
Elmore Game Bird Grower Medicated (IS)
Elmore Game Bird Starter Medicated (IS)
Elmore Grand Champion Ration
Elmore Hog Ration
Elmore Horse Feed
Elmore Maximilk Ration 16%
Elmore Medicated Mash
Elmore Milk Grains "Sixteen"
Elmore Milk Grains "Twenty"
Elmore Pacemaker 16% Dairy Ration
Elmore Pacemaker Dairy Ration 18%
Elmore Pacemaker Horse Pellets
Elmore Poultry and Turkey Fitting Ration
Elmore Roughage Extender

ELMORE MILLING CO., INC. -Cont.

Elmore Special Dairy 16%
 Elmore Test Ration 16%
 Elmore Test Ration 18%
 Elmore Turkey Finisher (Fattener)
 Elmore Turkey Growing Mash Medicated (1H)
 Elmore Turkey Starter Mash (or Crumbles) Medicated NF
 180

JOHN W. ESHELMAN & SONS, 244 N. Queen St., Lancaster, Penn.

Dehulled Solvent Extracted Soybean Meal
 Dehydrated Alfalfa Meal (17%)
 Egg Maker
 Lancaster 16 Dairy Feed
 Lancaster 20 Dairy Feed
 Lancaster Horse Pellets
 Lancaster Scratch Grains
 Lancaster Sweet Mix
 Pennsy 16 Dairy Feed
 Pennsy Laying Mash
 Red Rose Breeder Supplement
 Red Rose Calf Grower
 Red Rose Calf Starter
 Red Rose Chick Grains
 Red Rose Chick Starter Medicated (110-E)
 Red Rose Complete Breeder Ration
 Red Rose Complete Game Bird Grower
 Red Rose Complete Growing Ration
 Red Rose Complete Laying Ration
 Red Rose Complete Turkey Finisher
 Red Rose Complete Turkey Finisher Medicated (313-C)
 Red Rose Complete Turkey Grower
 Red Rose Complete Turkey Grower Medicated (312-C)
 Red Rose 16 Dairy Feed
 Red Rose 18 Dairy Feed
 Red Rose Duck Grower & Breeder (Pelleted)
 Red Rose Equinader
 Red Rose Fitting Ration
 Red Rose Goat Ration
 Red Rose Growing Mash
 Red Rose Horse Feed
 Red Rose Intermediate Chick Grains
 Red Rose Laying Mash
 Red Rose Medicated T - C Feed
 Red Rose Milk Replacer
 Red Rose Pigeon Feed
 Red Rose Porkmaker
 Red Rose Rabbit Pellets
 Red Rose Rabbit Pellets Medicated (710, B)
 Red Rose Rumenator (Dairy Booster)
 Red Rose Scratch Grains
 Red Rose Show Horse Feed
 Red Rose Starter & Grower

JOHN W. ESHELMAN & SONS -Cont.

Red Rose 14 Test-Cow Feed
 Red Rose Turkey & Poultry Fitting Feed
 Red Rose Turkey Starter
 Solvent Extracted 41% Cottonseed Meal
 S-O-S

EVANS MILLING COMPANY, INC., 1730 W. Michigan Street,
Indianapolis, Indiana

Emco Hominy Feed

FARM BUREAU ASSOCIATION, 158 Lexington St., Waltham, Mass.

Farm Bureau Advancer
 Farm Bureau Advancer Dairy 16% Pellets
 Farm Bureau Chick Starter W/Amprolium
 Farm Bureau Complete Developer Mash W/Amprolium
 Farm Bureau Complete Layer Breeder Mash, Medicated
 Farm Bureau Controlled Energy Complete Producer
 Farm Bureau Dairy 16%
 Farm Bureau Dairy 20%
 Farm Bureau Rabbit Pellets
 Rabbit Food Pellets Medicated with .025% Sulfaquinoxaline

FARMERS FEED COMPANY, 375 Johnson Avenue, Brooklyn, N. Y.

"Bull Brand" Brewers Dried Grains

FEED SERVICE CORPORATION, Box 270, Crete, Nebraska

MOREA Liquid Feed Pre-Mix M-87, 5R7

FOREMOST DAIRIES, INC., Industrial Div., 1870 El Camino Real,
Burlingame, California

Peebles M-N-C

FRUEN MILLING COMPANY, Traffic Station Box 3172, Minneapolis,
Minnesota 55403

Fruen's All-Purpose Thrift Pellets

GENERAL FOODS CORPORATION, 1551 East Willow St., Kankakee,
Illinois

Burt's Hominy Feed

GENERAL MILLS, INC., Minneapolis, Minnesota

General Mills Inc. Adrian Wheat Red Dog
 General Mills Inc. Wheat Bran with Ground Wheat Screenings
 General Mills Inc. Wheat Middlings with Ground Wheat
 Screenings

GENERAL MILLS, INC. -Cont.

Purity Oat Mill By-Product

GLOUCESTER BY-PRODUCTS, INC., State Fish Pier, Gloucester,
Massachusetts

Globpro Brand 60% Protein Fish Meal

GOLDEN GEM GROWERS, INC., Umatilla, Florida

Golden Gems Sweet Dried Citrus Pulp

GOLDENROD OIL MEAL SALES CO., Box 152, Memphis 1, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal-Prime Quality

W. R. GRACE & CO., Nitrogen Products Division, 147 Jefferson
Ave., Memphis 3, Tennessee

Grace Micro Prilled Urea Feed Compound

THE GREAT ATLANTIC and PACIFIC TEA CO., 817-512 Nicollet
Bldg., Minneapolis, Minnesota

Daily Egg Laying Mash

GREAT STAR FLOUR MILLS LIMITED, St. Marys, Ontario,
CanadaGreat Star Wheat Bran
Great Star Wheat Shorts

HALES & HUNTER CO., 141 W. Jackson Blvd., Chicago, Illinois

Pioneer Calf Starter
 Pioneer 16 Dairy Pellets
 Pioneer Dry and Freshening
 Pioneer 14 High Energy Dairy
 Pioneer Horse Feed
 Pioneer 14 Milker
 Pioneer 16 Milker
 Pioneer 20 Milker
 Pioneer 30 Milker Mixer
 Pioneer 16 Milker Pellets
 Pioneer 16 Pelleted-Flaked Dairy
 Pioneer Production Dairy 16
 Pioneer Rabbit Pellets Medicated
 Pioneer Sup-Pel Dairy Supplement Pellets
 Pioneer Vig-R-Calf Medicated Milk Replacer
 Red Comb Broiler Finisher 0207 Medicated
 Red Comb Broiler Starter Medicated
 Red Comb Broiler Starter 0207 Medicated
 Red Comb Chick Starter
 Red Comb Chick Starter Medicated

HALES & HUNTER CO. -Cont.

Red Comb Complete Broiler-Type Breeder
 Red Comb Complete Egg-Type Breeder
 Red Comb Complete Grower Medicated
 Red Comb Complete Layer 15 Medicated
 Red Comb Complete Layer 16 Medicated
 Red Comb Complete Turkey Breeder
 Red Comb Growing Mash Medicated
 Red Comb-Pioneer Wormer
 Red Comb Pullet Developer
 Red Comb Roaster Ration
 Red Comb Scratch Feed
 Red Comb Sup-Pel Medicated Poultry Supplement
 Red Comb Turkey Finisher 14
 Red Comb Turkey Finisher 17
 Red Comb Turkey Grower 20
 Red Comb Turkey Grower 23
 Red Comb Turkey Starter
 Red Comb Turkey Starter Medicated

HAYWARD, INC., Oak Harbor, Ohio

Alfalfa Meal

HI-ACRES CONCENTRATE, INC., P. O. Box 7127, Orlando, Fla.

Hi-Acres All Sweet Dried Citrus Pulp

HOLLY SUGAR CORP., Colorado Springs, Colorado

Dried Beet Pulp and Beet Molasses

H. P. HOOD & SONS, INC., Dunedin, Florida

Hood Citrus Pulp

H. P. HOOD & SONS, INC., 500 Rutherford Ave., Boston 29, Mass.

(See also Vitamin Carriers)

Hood Milk Replacer
 Hood Poultry Feed-Pep-Lac
 Hood Whey-Lac Poultry Feed
 Powdered Skim Milk

E. C. & W. L. HOPKINS, INC., Greenfield, New Hampshire

Granite State Rabbit Pellets

GEO. A. HORMEL & COMPANY, Austin, Minnesota

Hormel 75% Dried Meat Solubles

THE HUBINGER COMPANY, Keokuk, Iowa

Ke OK uk Brand Corn Gluten Meal
Ke OK uk Brand 21% Protein Corn Gluten Feed

ILLINOIS CEREAL MILLS, INC., Paris, Illinois

Hominy Feed

INDUSTRIAL MOLASSES CORPORATION, 321 Fort Lee Road,
Leonia, New Jersey

Dried Beet Pulp

INTERNATIONAL MILLING COMPANY, 1200 Investors Building,
Minneapolis, Minnesota 55415

Blackhawk Wheat Bran with Ground Mixed Screenings
Blackhawk Wheat Middlings with Ground Mixed Screenings

INTERNATIONAL MINERALS & CHEMICAL CORP., Old Orchard
Road, Skokie, Illinois

(See also Vitamin Carriers)

DUO-fos

HERMAN ISACS, INC., Bridgeport, Connecticut

Hi Test Meat & Bone Meal

JACCO INDUSTRIES, LTD., 459 No. Boyle, P.O. Box 4772,
St. Louis, Missouri 63108

Boost (Brewers Dried Yeast)

I. S. JOSEPH COMPANY, INC., Minneapolis, Minnesota

Dried Beet Pulp

KELLOGG CO. of CANADA LIMITED, P.O. Box 2517, London,
Ontario, Canada

Hominy Feed

KELLOGG SALES CO., 235 Porter St., Battle Creek, Michigan

1003 Kellogg's Mink Conditioner
1009 Kellogg's Kel-Blend

SPENCER KELLOGG, Division of Textron Inc., 120 Delaware Ave.
Buffalo, New York 14240

Spencer Kellogg's 31% Protein Old Process (Expeller)
Linseed Meal

KEYSTONE DEHYDRATORS, Box 204, Nazareth, Pennsylvania

Keystone Super Green Dehydrated Alfalfa Meals with
Ethoxyquin (Protein 17.0%; Fat 2.0%; Fiber 27.0%)
Keystone Super Green Dehydrated Alfalfa Meals with
Ethoxyquin (Protein 20.0%; Fat 2.5%; Fiber 20.0%)

KRAFT FOODS, (Div. National Dairy Prod Corp.), 99 Park Ave.,
New York 16, New York

(See also Vitamin Carriers)

KAFF-A Feed Booster Pellets for Heifers, Cows, Beef
Cattle, Lambs and Sheep

KAFF-A Milk Replacer for Calves Medicated

KRACO Naturally Sweet Dried Whole Whey

Pace Feed Booster Pellets for Horses, Ponies & Colts

PEX Condensed for Poultry

PEX Feed Booster Pellets for Layers & Breeders

PEX Self Feeder Block for Poultry

PEX Self Feeder Green Whey Block for Chicks & Poult

PEX Self Feeder Whey Block for Chickens & Turkeys

KRAUSE MILLING COMPANY, 404 E. State St., Milwaukee 1, Wis.

Badger Yellow Hominy Feed

KUDER PULP SALES CO., Box 1208, Lake Alfred, Florida 33850

Kuder Dried Citrus Pulp, High Sugar

LAKE STATES YEAST & CHEMICAL DIVISION of ST. REGIS
PAPER CO., 603 W. Davenport St., Rhinelander, Wisconsin

Dried Torula Yeast

LAUHOFF GRAIN CO., 321 East North St., Danville, Illinois

43% Protein Expeller Soybean Cake
Vermilion Hominy Feed

THE LIBNER GRAIN CO., 25 Commerce St., Norwalk, Connecticut

Libner's Blue Ribbon Horse & Calf Ration

MAK MOR CORP., P.O. Box 123, Clinton, Massachusetts

MOREA^R M-30 (Liquid Feed Supplement for Ruminants Only)

THE MANITOBA SUGAR CO., LTD., Winnipeg, Manitoba, Canada

Registered by Mowat, Wilson & Co., Detroit 35, Michigan

Plain Dried Beet Pulp

MAXON MILLS, INC., Wassaic, New York

Maxon 16% Dairy
 Maxon 20% Dairy
 Maxon 14% Fitting
 Maxon 16% Test
 Maxon 18% Test

MAYFLOWER MILLS, 931 Leesburg Road, Fort Wayne,
Indiana 46801

Mayflower Pure Wheat Bran
 Mayflower Wheat Middlings with Ground Wheat Screenings
 not exceeding Mill Run

McCABE GRAIN COMPANY LIMITED, 409 Exchange Bldg.,
Winnipeg 2, Manitoba, Canada

Ground Mixed Screenings

THE MENNEL MILLING CO., 128 West Crocker St., Fostoria,
Ohio

Memo Pure Wheat Bran
 Memo Wheat Middlings with Ground Wheat Screenings

MERCK & CO., INC., Chemical Division, Rahway, New Jersey

(See also Vitamin Carriers)

AMPROL 25%
 AMPROL PLUS
 GLYCAMIDE 12%
 Improved Premix - Medicated

MILK SPECIALTIES, INC., Washington & Illinois Street, Dundee,
Illinois

(See also Vitamin Carriers)

Dari-Dri Veal Formula

MINER-HILLARD MILLING CO., Wilkes-Barre, Pennsylvania

Choice Steam Cooked Hominy Feed

MINUTE MAID COMPANY, Citrus Products Sales, P.O. Box 2711,
Orlando, Florida

Golden Isle Brand Citrus Pulp

MOLSON'S BREWERY (ONTARIO) LIMITED, 640 Fleet St. West,
Toronto, Ontario, Canada

Dried Brewers' Spent Grains

GEO. Q. MOON & CO., INC., Binghamton, New York

Moon N. E. Complete Growing Mash
 Moon N. E. Complete Laying Mash
 Moon Rabbit Pellets
 Moon Scratch Feed
 Moon U. S. 20% Dairy Ration

JAS. F. MORSE & CO., 11 Horace St., Somerville, Massachusetts

Morse's 47% Meat & Bone Meal

MOUNT VERNON MILLING COMPANY, Mt. Vernon, Indiana

Sunlite Hominy Feed

MOWAT, WILSON & CO., 15325 W. 7 Mile Rd., Detroit 35, Mich.

Dried Beet Pulp
 Dried Beet Pulp and Beet Molasses

NAPPANEE MILLING CO., INC., 301 South Jackson St., Nappanee,
Indiana

Hominy Feed

NATIONAL ALFALFA DEHYDRATING & MILLING CO., Lamar,
Colorado

Jack Rabbit 15% Protein Dehydrated Alfalfa Meal

NATIONAL ALFALFA DEHYDRATING & MILLING CO., 4010
Washington St., Kansas City, Missouri 64111

Krumbles
 National 15% Protein Dehydrated Alfalfa Meal Ethoxyquin
 Added as a Preservative
 National 17% Protein Dehydrated Alfalfa Meal Ethoxyquin
 Added as a Preservative
 National 18% Protein Dehydrated Alfalfa Meal Ethoxyquin
 Added as a Preservative

NATIONAL BISCUIT CO., Toledo Mill, 2221 Front St., Toledo, Ohio

Namico
 Pure Wheat Bran

NATIONAL DISTILLERS PRODUCTS COMPANY, Division of
National Distillers & Chemical Corp., 120 Section Rd.,
Cincinnati, Ohio 45216

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

NORTHERN OHIO SUGAR CO., 1530 Sixteenth St., Denver, Col.

GW Dried Beet Pulp

OGDEN GRAIN COMPANY, Utica, New York

Conn. 16% Dairy Ration
 Eastern Conn. Grain Associates Growing Mash
 Eastern Conn. Grain Associates Growing Mash Medicated
 Eastern Conn. Grain Associates RECYCLER No. 2
 14% Grain Ration
 H. Stollman Chick Starter Mash Medicated
 Ogden C. L. Special 15
 Ogden C. L. Special 16
 Ogden Complete Chick Starter Medicated
 Ogden Complete Layer Medicated
 Ogden Davis Dairy Pellets
 Ogden Developer Feed
 Ogden Doc 16% Dairy
 Ogden Doc 20% Dairy
 Ogden 20% Growing Feed
 Ogden Hi Energy Laying Medicated
 Ogden 16% Hi-Kal Dairy Pellets
 Ogden 18% Hi-Kal Dairy Pellets
 Ogden Hi Value Complete Layer
 Ogden Horse Feed
 Ogden Life Span 15
 Ogden Medicated Complete Calf Starter
 Ogden Premium Dry and Freshening Ration
 Ogden Premium 16 Hi-Energy Dairy Pellets
 Ogden Premium 20% Milk Ration
 Ogden Premium 16 Pel-Flake
 Ogden Premium Test Cow 16
 Ogden Premium Test Cow 18
 Ogden Rabbit Pellets
 Ogden Reliable 15 Pel-Flake
 Ogden R S 10 Roughage Supplement
 Ogden Scratch Grains
 Ogden Super Hi Energy Laying
 Ogden Super Pig Ration

THE OGILVIE FLOUR MILLS CO., LTD., 1960 Sun Life Bldg.,
 Montreal, Canada

Ogilvie Wheat Bran

PACIFIC MOLASSES COMPANY, 215 Market Street, San Francisco
 California

Cane Molasses

PARRISH & HEIMBECKER LTD., 43 Scott Street, Toronto, Ontario,
 Canada

"Parrheim" Pure Wheat Shorts

PASCO PACKING CO., P.O. Box 97, Dade City, Florida 33525

O-Mi-O Citrus Pulp
 Sugar Sweet Citrus Pulp

PENICK & FORD LTD., INC., Cedar Rapids, Iowa

21% Protein Douglas Corn Gluten Feed

JOHN J. PEPIN & COMPANY, 314 Cotton Exchange Bldg.,
 Memphis, Tennessee 38114

"Lovit Brand" 41% Protein Cottonseed Meal Prime Quality

CHAS. PFIZER & CO., INC., 235 East 42nd St., New York, N.Y.

(See also Vitamin Carriers)

Vigofac-6

PIERCE GRAIN CORPORATION, 1040 Seneca Street, Buffalo,
 New York 14210

Reliance Coarse Calf Meal
 Reliance Horse Feed Fortified
 Sweet Sweet Mix

PILLSBURY CANADA LTD., Midland, Ontario, Canada

Dandy Wheat Bran

THE PILLSBURY CO., Minneapolis 2, Minnesota

Pillsbury's XX Daisy (Wheat Red Dog)
 Pillsbury's Wheat Bran with Ground Wheat Screenings
 Pillsbury's Wheat Germ Meal
 Pillsbury's Wheat Middlings with Ground Wheat Screenings

PITTSBURGH BREWING CO., 3340 Liberty Ave., Pittsburgh,
 Pennsylvania 15201

Iron City Brewers Dried Grains

PUBLICLICKER INDUSTRIES INC., 1429 Walnut St., Philadelphia 2,
 Pennsylvania

Prograsol - Corn Distillers Grains With Solubles

THE QUAKER OATS CO., Merchandise Mart Plaza, Chicago 54, Ill.

Ful-O-Pep Calf Sup
 Ful-O-Pep Milk Replacer for Calves
 Muffets Shredded Wheat Feed
 Vim Oat Hulls
 Vim Oat Mill By-Product

THE QUAKER OATS CO., Chicago -Cont.

White Hominy Feed-S
Yellow Hominy Feed-S

QUAKER OATS CO. of CANADA LTD., Peterborough, Ontario,
Canada

Hominy Feed

THE QUAKER OATS CO., P.O. Box 46, Shiremanstown, Penn.

Ful-O-Pep Complete Horse Feed
Ful-O-Pep Derwood Horse Crunch

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Missouri

(See also Vitamin Carriers)

Crimped Whole Oats and Molasses
Northeastern Scratch Feed
34% Protein (Solvent Process) Linseed Oil Meal
50% Protein Dehulled Solvent Extracted Soybean Meal
44% Protein Solvent Extracted Soybean Meal
Purina B & M Cow Chow
Purina Breeder Eggena NE
Purina Broiler Chow Medicated
Purina Broiler Chow MP Medicated
Purina Broiler Chow Finisher 1 Medicated
Purina Broiler Chow Finisher No. 1 MP Medicated
Purina Broiler Chow Finisher No. 2
Purina Broiler Chow Starter Medicated
Purina Broiler Chow Starter MP Medicated
Purina Bulky Las
Purina Calf Startena
Purina Calf Startena (Coarse)
Purina Capena MP Medicated
Purina Chek-R-Furan (Furazolidone Mixture) H-1157 Med.
Purina Chek-R-Mycin Etts TM (Chlortetracycline Hydrochloride) H 1244
Purina Chick Chow (Coarse)
Purina Chick Chow (Fine)
Purina Chick Growena
Purina Chick Growena ZO Medicated
Purina Chick Grower P
Purina Chick Startena
Purina Chick Startena J
Purina Chick Starter (J) ZO Medicated
Purina Chick Startena (J) ZO-V Medicated
Purina Chick Startena ZO-V Medicated
Purina Chick Starter P
Purina Complete Sow Chow
Purina Cow Chow Concentrate 36%
Purina Cow Chow D 16%
Purina Cow Chow D (B) 16%

RALSTON PURINA CO. -Cont.

Purina Cow Chow D 20%
Purina Cow Chow D (B) 20%
Purina D & F Chow
Purina D & F Chow (Coarse)
Purina Dairy Chow L 14% (Coarse)
Purina Dairy Chow L 16%
Purina .0023% Dienestrol Diacetate Mixture in Purina
Roaster Chow NC - Medicated
Purina Drouth Milk Chow
Purina Duck Growena
Purina Duck Startena
Purina Egg Chow T
Purina Eggena NE
Purina Game Bird Breeder Layena (Complete Ration)
Purina Game Bird F & M Chow
Purina Game Bird Startena SQ Medicated
Purina Goat Chow (Coarse)
Purina Goat Chow Checkers
Purina Hen Chow D
Purina Hog Finisher No. 1 Medicated
Purina Horse Chow Checkers
Purina Layena
Purina Layena CF
Purina Medicated Breeder Eggena (NE) Hx2
Purina Medicated Breeder Eggena (NE) FZ No. 4
Purina Medicated Chek-R-Aid
Purina Medicated Mix-R-Mycin
Purina Medicated Mix-R-Mycin Concentrate
Purina Medicated Pig Startena
Purina Medicated Poultry Aid
Purina Milk Chow D 16%
Purina Milk Chow D 16% (Coarse)
Purina Milk Chow D 20%
Purina Milk Chow D (U) 16%
Purina Milk Chow D (U) 16% (Coarse)
Purina Milk Chow D 20% (Coarse)
Purina (BIR) TM Milking Chow D No. 2
Purina Mink Breeder Chow
Purina Mink Cereal
Purina Mink Developer Cereal
Purina Mink Developer Chow
Purina Mink Developer Chow SF
Purina Mink Developer Concentrate
Purina Neomycin Feed Mix.
Purina Nursing Chow - Medicated
Purina Omolene
Purina Pig Growena Medicated
Purina Pigeon Chow Checkers
Purina Poultry Wormer Concentrate for Chickens and
Turkeys
Purina Pro-Lay Eggena
Purina 36% Protein Cottonseed Meal
Purina Pullet Developer B

RALSTON PURINA CO. -Cont.

Purina Pullet Developer F
 Purina Pullet Developer (F) ZO Medicated
 Purina Rabbit Chow Checkers
 Purina Rabbit Chow Checkers (20%)
 Purina Rabbit Chow Checkers FZ SQ Medicated
 Purina Range Checkers A
 Purina Roaster Chow
 Purina Roaster Chow F
 Purina Silage Preserver D
 Purina Turkey Finisher No. 1
 Purina Turkey Finisher No. 2
 Purina Turkey Finisher No. 2 HZ Medicated
 Purina Turkey Growena No. 1
 Purina Turkey Growena No. 2
 Purina Turkey Growena No. 2 HS Medicated
 Purina Turkey Growena No. 2 MP Medicated
 Purina Turkey Startena
 Soybean Hulls
 Soybean Mill Run
 Wheat Middlings

READING MILLING CO., INC., Reading, Pennsylvania

Faramel 16% All Mash Layer
 Faramel Complete Rabbit Pellets

RELIABLE GRAIN CO., 176 Westfield Ave., Ansonia, Connecticut

Reliable Sweet 16% Dairy

RELIANCE CHEMICALS CORPORATION, 12405 Sowden Road, Houston, Texas

B-Pol, A Dried Crude Culture of Live B. megatherium

RIVERSIDE OIL MILL, Marks, Mississippi

Expello Brand 41% Protein Cottonseed Meal or Cake

ROHLOFF BROS., INC., RR, Graytown, Ohio

Rohloff's Dehydrated Alfalfa Meal With Animal Fat

WOLF SAVITSKY & SONS, INC., Foot of White St., Shelton, Conn.

Wolf's Calf Starter
 Wolf's Complete Hi-Eff Egg Breeder Mash
 Wolf's Complete Hi-Eff Egg-Breeder Mash Medicated
 Wolf's Complete Hi-Eff Growing Mash
 Wolf's Complete Hi-Eff Profit Builder-Medicated
 Wolf's Complete Hi-Eff Profit Builder-Medicated
 (SQ 0.0175%)
 Wolf's 16% Dairy Pellets

WOLF SAVITSKY & SONS, INC. -Cont.

Wolf's 14% Dairy Ration
 Wolf's 16% Dairy Ration
 Wolf's Dry & Freshening Ration
 Wolf's Heifer Feed
 Wolf's Hi-Speed Starter & Broiler Ration - Medicated
 Wolf's Horse Feed
 Wolf's Medicated Complete Hi-Eff Profit Builder
 (Furazolidone 0.011%)
 Wolf's Medicated Complete Hi-Eff Profit Builder
 (Chlortetracycline 0.100 gm/lb.)
 Wolf's Medicated Poultry Booster
 Wolf's Pig & Hog Feed
 Wolf's 16% Test Ration
 Wolf's 18% Test Ration

SCHENLEY DISTILLERS, INC., 1290 Avenue of the Americas, New York, New York

Schenley Mark of Merit Corn Distillers Dried Grains
 with Solubles
 Schenley Mark of Merit Milo Distillers Dried Grains
 with Solubles
 Schenley's Soludri Corn Distillers Dried Solubles

SCHOENECK FARMS, INC., Nazareth, Pennsylvania

Schoeneck's 17% Super-Green Dehydrated Alfalfa Meal

SEA-BORN MINERAL DIV. of SKOD CO., P.O. Box 465, 15 E. Elm St., Greenwich, Connecticut

Algit Norwegian Kelp Meal
 Sea Born Norwegian Seaweed Meal-Special Fine Grind

SEYMOUR GRAIN & COAL CO., 100 Main Street, Seymour, Connecticut

Miracle 14% Calf Grower
 Miracle Dairy 16%
 Miracle Hi-Efficiency Grower
 Miracle Hi-Energy All Mash Layer
 Miracle Horse Feed With Molasses
 Miracle 20% Laying Mash
 See-More-Milk Dairy Ration (Protein 18.0%; Fat 3.50%;
 Fiber 8.50%)
 See-More-Milk Dairy Ration (Protein 20.0%; Fat 3.0%;
 Fiber 9.50%)

SHERWIN-WILLIAMS CO., 101 Prospect Ave., N. W., Cleveland, Ohio

Sherwin-Williams 32% Linseed Meal (Solvent Extracted)

SHERWOOD FEED MILLS, INC., 801 Eastern Ave., Baltimore, Md.

Brewer's Dried Grains

SOUTHERN FRUIT DISTRIBUTORS, INC., P.O. Box 8367,
Orlando, Florida

Bluebird Citrus Pulp

A. E. STALEY MFG. CO., Decatur, Illinois

Hi-Pro-Con 50% Protein Dehulled Solvent Extracted Soybean
Meal

44% Protein Solvent Extracted Staley's Soybean Meal
Staley's 21% Corn Gluten Feed
Staley SWEETLIX Block
Staley Sweetlix A Block
Sweetone Cane Molasses Dried on Soybean Millrun

F. W. STOCK & SONS, INC., Hillsdale, Michigan

Stock's Wheat Bran
Stock's Wheat Middlings

SUNI-CITRUS PRODUCTS CO., Haines City, Florida

Registered by Cocke & Co., Atlanta, Georgia 30303

Sweet Suni-Citrus Pulp

SWIFT & CO., P.O. Box 110, Fostoria, Ohio

Swift's 44% Protein Solvent Extracted Soybean Meal
Swift's Super Soy - 50% Protein Solvent Extracted Soybean
Meal

T. H. TAYLOR CO., LTD., 14 William St. N., Chatham, Ontario,
Canada

Beaver Wheat Bran

TEKLAD, INC., P.O. Box 348, Monmouth, Illinois

ROCKLAND Guinea Pig Diet
ROCKLAND Rabbit Ration

TRI ASSOCIATES, INC., 8500 Pillsbury Ave. So., Minneapolis,
Minnesota

Tri's Grade A Brand Milk Replacer - Medicated

ULTRA-LIFE LABORATORIES, INC., 3500 Walnut Ave. at
Southern RR Tracks, East St. Louis, Illinois

17% Dehydrated Alfalfa Meal Pellets

ULTRA-LIFE LABORATORIES, INC. -Cont.

41% Protein Solvent Extracted Cottonseed Meal
32% Protein Solvent Extracted Linseed Meal
Ultra-Life Broiler-Gro
Ultra-Life Calf Food Pellets Medicated
Ultra-Life High Energy Poultry
Ultra-Life Layer Recycler
Ultra-Life Livestock

UNITED CO-OPERATIVE FARMERS, INC., 339 Broad Street,
Fitchburg, Massachusetts

UCF Calf Grower
UCF 14% Dairy
UCF 16% Dairy
UCF 20% Dairy
UCF NRG All Mash Breeder
UCF Hi NRG All Mash Breeder
UCF Hi NRG All Mash Grower (Protein 15.5%)
UCF Hi NRG All Mash Grower (Protein 16.0%)
UCF Hi NRG All Mash Grower Medicated
UCF Hi NRG All Mash Layer (Protein 15.5%; Fat 4.0%;
Fiber 4.0%)
UCF Hi NRG All Mash Layer (Protein 16.0%; Fat 4.5%;
Fiber 3.5%)
UCF Hi NRG Lay Granules (Protein 15.5%; Fat 4.0%;
Fiber 4.0%)
UCF Hi NRG Lay Granules (Protein 16.0%; Fat 4.5%;
Fiber 3.5%)
UCF Hi NRG Starter (Medicated)
UCF Horse Feed
UCF Layer
UCF Medicated Booster-200
UCF Medicated Booster NF 200
UCF Medicated HI-PO 200
UCF Milk Replacer
UCF Pig & Hog Feed
UCF Scratch Feed
UCF Sheep Creep Ration

UNITY FEEDS, Agway Inc., 560 Delaware Ave., Buffalo, N. Y. 14240

Breeder Mash
Rabbit Pellets
Turkey and Game Bird Growing Mash
Unity Feeds Broiler Maker Medicated (Amprolium)
Unity Feeds Broiler Starter Medicated
Unity 16% Dairy Ration
Unity Dairy & Fitting Ration
Unity Growing & Laying Mash
Unity High Energy Breeder Mash
Unity High Energy Growing Mash
Unity High Energy Laying Mash
Unity Medicated Booster

UNITY FEEDS -Cont.

Unity Medicated Hen-Biotic
 Unity 16% Milkets
 Unity Pig & Hog Ration
 Unity Feeds Producer
 Unity Feeds Scratch Feed
 Unity Super Starter Medicated (Nicarbazin)
 Unity Feeds Trim (Medicated)
 Unity Feeds Trim (Nicarbazin) Medicated
 Unity Improved Calf Ration

GEORGE URBAN MILLING CO., 200 Urban St., Buffalo, N. Y. 14211

Wheat Middlings with Ground Screenings not exceeding Mill Run

WM. S. WARREN & SON, Eastford, Connecticut

Warren's Calf Milk Replacer
 Warren's Complete Laying Mash
 Warren's 16 Dairy Ration
 Warren's 16% Test Ration

HIRAM WALKER & SONS, INC., Peoria, Illinois

Corn Distillers Dried Grains with Solubles

H. K. WEBSTER COMPANY, Lawrence, Massachusetts

Blue Seal Breeder-Cal
 Blue Seal C-4 Broiler (Medicated)
 Blue Seal C-5 Finisher Medicated Pellets
 Blue Seal Calf Starter
 Blue Seal Chick Starter (Medicated)
 Blue Seal Coarse 16 Dairy Ration
 Blue Seal Coarse 20 Dairy Ration
 Blue Seal Complete Horse Ration
 Blue Seal "30" Dairy Concentrate
 Blue Seal 16% Dairy Mix
 Blue Seal Egg Mash
 Blue Seal Fat & Finish Ration Pellets
 Blue Seal Fitting Ration
 Blue Seal Grower-Cal
 Blue Seal Grower-Cal ZL (Medicated)
 Blue Seal Grow-Ettes
 Blue Seal Grow-Ettes ZL (Medicated)
 Blue Seal Hg Mix (Medicated)
 Blue Seal Horse Feed
 Blue Seal Layer-Cal
 Blue Seal Lay-ettes
 Blue Seal Medicated NF-Mix
 Blue Seal Medicated NF-HI-Mix
 Blue Seal Medicated Ruminant
 Blue Seal Milk Replacer

H. K. WEBSTER COMPANY -Cont.

Blue Seal Milkers' 16 Pellets
 Blue Seal Milkers' 18 Pellets
 Blue Seal Milkers' 20 Pellets
 Blue Seal 16% Nuggets
 Blue Seal Pig Feed Medicated
 Blue Seal Poultry Wormer
 Blue Seal Rabbit Pellets
 Blue Seal Standard "14" Fitting Ration
 Blue Seal Standard "16" Dairy Ration
 Blue Seal Standard "20" Dairy Ration
 Blue Seal Succulent Feed and Calving Ration
 Blue Seal Sweet Pulp
 Blue Seal Test Ration
 Blue Seal Turkey Growing Pellets
 Blue Seal Turkey Growing H S Medicated Pellets

WEST-NESBITT, INC., Oneonta, New York

"Beets-All" Horse Feed
 Cream Line Dairy-Test Ration
 Pure Feed Complete Grower
 Pure Feed Complete Layer
 Pure Feed Complete Rabbit Pellets
 Pure Feed 16% Dairy Pellets
 Pure Feed Egg and Breeder
 Pure Feed Egg Maker
 Pure Feed 14% Fitting Ration
 Pure Feed Grower
 Pure Feed Horse Ration
 Pure Feed Starter
 Pure Feed Starter Medicated
 Pure Feed Sweet "16"
 Pure Feed Turkey Finisher
 Pure Feed Turkey Grower
 Pure Feed Swine Ration
 Pure Feed Turkey Starter Medicated Amprol
 West-Nesbitt Milk Replacer

A. C. WETHERELL, Suffield, Connecticut

Special Dairy Mixture No. 3

WHITMOYER LABORATORIES, INC., Myerstown, Pennsylvania

(See also Vitamin Carriers)

Flav-A-Dee

THE GEO. WIEDEMANN BREWING CO., 601 Columbia St.,
 Newport, Kentucky

Brewers Dried Grain

THE WILLIAMS BROS. CO., Kent, Ohio

Pure Ohio Wheat Bran

WILSON'S CORN PRODUCTS, INC., East 4th St., Rochester, Ind.

Wilson Hominy Feed

WINTER GARDEN CITRUS PRODUCTS COOPERATIVE, Winter Garden, Florida

Wholesun Dried Citrus Pulp

WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass.

(See also Vitamin Carriers)

Apex 16% Dairy Feed 587 E
 Big W 16 Dairy Feed 552 F
 Big W 20 Dairy Feed 554 F
 Big Y Veal Formula
 Hominy Feed
 O. P. M. Scratch 467 T
 Wirthmore Baby Chick Scratch 463 A
 Wirthmore 36% Breeder Concentrate 294 A
 Wirthmore Breeder Mash 274A
 Wirthmore Calf Starter 572 A
 Wirthmore Chick Starter 101 A
 Wirthmore Chick Starter SQ 103 A
 Wirthmore Chick Starter 104 A-Medicated
 Wirthmore Coarse Test Dairy Feed 518 A
 Wirthmore Coccidiosis Treatment Ration 415 A
 Wirthmore Commercial Hi-Ener-G Breeder Med. 261 B
 Wirthmore Complete Breeder Ration 264 A
 Wirthmore Complete Growing Ration 205 A
 Wirthmore Complete Growing Ration 206 A-Medicated
 Wirthmore Complete Turkey Breeder Ration 371 A
 Wirthmore Complete Turkey Fattening Ration 361 A
 Wirthmore Complete Turkey Fattening Ration 362 A-Med.
 Wirthmore Complete Turkey Growing Ration 341 A
 Wirthmore Complete Turkey Growing Ration 342 A-Med.
 Wirthmore 32 Dairy Concentrate 569 A
 Wirthmore 36% Dairy Mixing Feed 564 A
 Wirthmore .007% Dienestrol Diacetate Mixture in Wirthmore Finisher Medicated 185 A
 Wirthmore Duck Growing 452 A
 Wirthmore Fodder Greens 581 A
 Wirthmore Game Bird Grower Ration 322 A
 Wirthmore Game Bird Starter 313 A Medicated
 Wirthmore Grow & Egg Mash 245 A
 Wirthmore Grow & Egg Mash 250 A-Medicated
 Wirthmore Hi-Cal Broiler Finisher 147 A Medicated
 Wirthmore Hi-Cal Broiler Starter 124 A Medicated
 Wirthmore 14 Hi-Cal Pellets Dairy Feed 531 A
 Wirthmore 16 Hi-Cal Pellets Dairy Feed 532 A

WIRTHMORE FEEDS INC. -Cont.

Wirthmore 18 Hi-Cal Pellets Dairy Feed 533 A
 Wirthmore Hi-Cal Roaster Finisher 178 A Medicated
 Wirthmore Hi-Ener-G 16 220 A
 Wirthmore Hi-Ener-G 17 237 A
 Wirthmore Hi-Ener-G Breeder-Medicated 261 A
 Wirthmore Hi-Ener-G Broiler Ration 140 A
 Wirthmore Hi-Ener-G Broiler Ration 141 A Medicated
 Wirthmore Hi-Ener-G 16 Layer-Medicated 231 A
 Wirthmore Hi-Ener-G 17 Layer-Medicated 238 A
 Wirthmore Hog Grower 722 A
 Wirthmore Horse Feed 811 A
 Wirthmore Horse Perkiess 817 A
 Wirthmore Meatless Mink Food 842 A
 Wirthmore Medicated Ketrol 576 A
 Wirthmore Medicated Quick Perk 412 A
 Wirthmore Medicated Quickies 423 A
 Wirthmore Medicated Treat 414 A
 Wirthmore Medicated Turk-E-Perk 314 A
 Wirthmore Milk Mizer 517 A
 Wirthmore Mink Food 841 A
 Wirthmore New Hope Complete Horse Feed 813 A
 Wirthmore Original New Hope Horse Feed 815 A
 Wirthmore Pig and Sow Feed 721 A
 Wirthmore Pig Starter-Medicated 711 A
 Wirthmore 36% Poultry Concentrate 291 A
 Wirthmore Poultry Fitting 418 A
 Wirthmore Poultry Wormer 416 A
 Wirthmore 14 Pro-Cal Dairy Feed 536 A
 Wirthmore 16 Pro-Cal Dairy Feed 538 A
 Wirthmore 20 Pro-Cal Dairy Feed 539 A
 Wirthmore Pullet Developer 202 A
 Wirthmore Rabbit Pellets 831 A
 Wirthmore Rabbit Pellets 832 A Medicated
 Wirthmore 14 Record Dairy Feed 517 A
 Wirthmore 16 Record Dairy Feed 512 A
 Wirthmore 20 Record Dairy Feed 519 A
 Wirthmore 14 Record Fitting and Calving Feed 516 A
 Wirthmore Scratch 461 A
 Wirthmore Stable Mate Complete Horse Feed 816 A
 Wirthmore Stock Primer 616 A
 Wirthmore Super Pellets 411 A
 Wirthmore 16 Test Dairy Feed 514 A
 Wirthmore Turkey Growing Ration 321 A
 Wirthmore Turkey Growing Ration 323 A-Medicated
 Wirthmore Turkey Starter A 315 A Medicated
 Wirthmore Twin Mix Calf Feed 573 A
 Wirthmore 16 Ultra-Cal Pellets Dairy Feed 537 A

THE YANTIC GRAIN & PRODUCTS CO., 3 Cove St., Norwich, Conn.

Big (Y) Caged Layer Ration
 Big (Y) Calf and Beef Ration
 Big (Y) Calving Ration

THE YANTIC GRAIN & PRODUCTS CO. -Cont.

Big (Y) Cavalier Horse Feed
 Big (Y) Chick Scratch Grain
 Big (Y) Chlortetracycline Mixture (Aureomycin)
 Big (Y) Complete Calf Starter and Builder
 Big (Y) Complete Grower Layer Mash
 Big (Y) Confinement Growing Mash
 Big (Y) Controlled Growing Ration
 Big (Y) Chlortetracycline (Aureomycin) Mixture
 Big (Y) Dairy & Fitting Ration
 Big (Y) 16% Dairy Ration
 Big (Y) 18% Dairy Ration
 Big (Y) 20% Dairy Ration
 Big (Y) Dairy Ration Purity 14
 Big (Y) Dairy Ration Purity 16
 Big (Y) Dairy Supplement 32%
 Big (Y) Extra Production Laying Mash
 Big (Y) Hi-Efficiency Breeder Ration
 Big (Y) Hi-G-Dairy Ration
 Big (Y) Hi-G-Dairy Ration 20%
 Big (Y) Hi-G Scratch Feed
 Big (Y) High Efficiency Grower
 Big (Y) Hog & Pig Ration
 Big (Y) Horse Feed
 Big (Y) Improved Al-Mo
 Big (Y) Improved Broiler Finisher Medicated (Amprolium)
 Big (Y) Improved Broiler Ration (Medicated)
 Big (Y) Intermediate Chick Grain
 Big (Y) 20% Laying Mash
 Big (Y) M and O Growing Feed
 Big (Y) Peerless Broiler Ration (Medicated)
 Big (Y) Producto Pels
 Big (Y) Purity Dairy Ration
 Big (Y) Rabbit Pellets
 Big (Y) Scratch Feed
 Big (Y) Sheep and Goat Feed
 Big (Y) Super Starter-Broiler Ration
 Big (Y) Super Starter Ration Medicated
 Big (Y) Test Cow Ration
 Big (Y) Turkey Fattener
 Big (Y) Turkey Growing Feed

MEYER ZAUSNER INC., New Holland, Lancaster County, Penn.

Zausner Condensed Whole Whey

WITAMIN CARRIERS

AGWAY, INC., Feed Division, P.O. Box 128, 560 Delaware Ave.,
 Buffalo, New York 14240

(See also Feeds)

Calf Saver Tablets

CLINTON CORN PROCESSING CO., a Division of Standard Brands
 Incorporated, Box 340, Clinton, Iowa 52733

(See also Feeds)

Fleischmann's FIDY Type 142-F Irradiated Dry Yeast

COMMERCIAL SOLVENTS CORPORATION, Terre Haute, Indiana

Perma-D 3 D₃

Perma-Dual 30 A

Perma-E 20 E

Perma-Mix C. C. C. No. 1

Perma-Mix C. C. C. No. 2

Perma-Mix C. C. C. No. 3

Perma-Mix C. C. C. No. 4 Broilers

Perma-Mix Turkey Premix No. 5

Perma-Mix Turkey Pre-Mix No. 6

Premix 2-4-9-10

Pro-Strep and Vitamin A Premix

DAWNWOOD FARMS, Wassaic, New York

(See also Feeds)

Dawnwood Farms Caf-Star

Dawnwood Farms HI-FAT CAF-STAR

JOHN G. EWING COMPANY, La Salle, Colorado

Formula 707 Conditioner

THE RAY EWING CO., Div. of Hoffmann-LaRoche, Inc., 2690 E.
 Foothill Blvd., Pasadena, California

All Mash Pre Mix

THE FOX COMPANY, Newfield, New Jersey

Foxco Qualadee 300-D-2250-A Quality Vitamin A&D Oil

H. P. HOOD & SONS, INC., 500 Rutherford Ave., Boston 29, Mass.

(See also Feeds)

Hood Poultry Feed-Pep-Lac

Hood Whey-Lac Poultry Feed

INTERNATIONAL MINERALS & CHEMICAL CORP., Old Orchard
 Road, Skokie, Illinois

(See also Feeds)

Vitamin B₁₂ Supplement

INTERNATIONAL STOCK FOOD CORPORATION, 533 Broad St.,
Waverly, New York

Rumen Bacteria and Nux Vomica Mix Incorporated in I. S. F.
Cattle Special

Rumen Bacteria Mix Incorporated in I. S. F. Grow-Em Milk
Replacer

KRAFT FOODS (Div. National Dairy Prod Corp.), 99 Park Ave.,
New York 16, New York

(See also Feeds)

KAFF-A Feed Booster Pellets for Heifers, Cows, Beef
Cattle, Lambs and Sheep

KAFF-A Milk Replacer for Calves Medicated

Pace Feed Booster Pellets for Horses, Ponies, & Colts

PEX Condensed for Poultry

PEX Feed Booster Pellets for Layers & Breeders

PEX Self Feeder Block for Poultry

MERCK & CO., INC., Chemical Division, Rahway, New Jersey

(See also Feeds)

Improved Premix - Medicated
No. 659 Vitamin Mixture

MILK SPECIALTIES, INC., Washington & Illinois St., Dundee, Ill.

(See also Feeds)

Dari-Dri Veal Formula

MYZON LABORATORIES, 6320 Kansas Ave., Kansas City, Kansas

Myzon Poultry Builder

NOPCO CHEMICAL CO., 60 Park Place, Newark, New Jersey

Nopdex "3000"

Nopco-Pak Hi-Lay Premix

Nopco-Pak Super Premix

CHAS. PFIZER & CO., INC., 235 East 42nd St., New York, N. Y.

(See also Feeds)

Yantic High Lay Premix

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Missouri

(See also Feeds)

Purina Cattle-Plus TM

RALSTON PURINA CO. -Cont.

Purina Horse-Plus TM

WHITMOYER LABORATORIES, INC., Myerstown, Pennsylvania

(See also Feeds)

Derby All-Purpose Premix

Flav-A-Dee

Whitmoyer 150D - 1500A Pure Cod Liver Oil

SUMMARY OF INSPECTION

In the calendar year 1964, a total of 1245 samples was examined. This total included official samples of commercial feeds, concentrates of vitamin D and other vitamins, and miscellaneous materials, as shown in the following summary:

Biological specimens analyzed for poison	163
Check feeds, A. A. F. C. O., etc.	9
Commercial feeding stuffs, official samples	630
Feed stuffs, etc., for Storrs Station	292
Miscellaneous feeds, etc., analyzed for purchasers	112
Vitamin Carriers	39
	<u>1,245</u>

The samples examined for Storrs Station were submitted in connection with investigations of that Station, and are not discussed in this report.

Commercial Feeding Stuffs

Results of our analyses of the official samples can be summarized as follows:

Total number of samples	630
Samples deficient in:	
One item	48
Two items	<u>4</u>
Percentage of samples meeting guaranties	92
Total guaranties made	2,073 ²
<u>Guaranties not met:</u>	
protein	12
fat	25
fiber	13
arsanilic acid	1
furazolidone	3
sulfaquinoxaline	1
zoalene	<u>1</u>
Percentage of guaranties met	97

Analyses are given in Table 1; deficiencies are shown by wavy underlining (). Tolerances used were 0.75 per cent for protein and fiber, 0.25 per cent for fat, and 20 per cent of guaranty for drugs.

² One sample with six guaranties, 27 with five guaranties, 107 with four guaranties, 497 with three guaranties, five with two guaranties, three with one guaranty, and nine with no guaranty (guaranties for undetermined medicants not included).

Vitamin Carriers

Thirty-nine samples of vitamin concentrates were examined. Assays were as follows: Eighteen for vitamin D only by the A. O. A. C. chick method; 16 for vitamin D, niacin, riboflavin and pantothenic acid; two for niacin, riboflavin and pantothenic acid only; two for folic acid, niacin, riboflavin, pantothenic acid and thiamine; and one for those five vitamins plus vitamin B₁₂. Results of all assays are given in Table 2.

Only one sample was definitely deficient in vitamin D. On the basis of a plus-or-minus twenty per cent tolerance, the numbers of samples containing too little or too much of the other vitamins were:

<u>Too high or too low in</u>	<u>No. of samples</u>
Niacin, pantothenic acid, thiamine and vitamin B ₁₂	1
Niacin, pantothenic acid and riboflavin	1
Niacin and pantothenic acid	1
Niacin	1
Pantothenic	<u>1</u> 5

Of the total of 39 samples, 33, or 85 per cent, met all guaranties.

Miscellaneous Feeds

One hundred and twelve unofficial samples of feed and fodder materials were examined. This total included commercial mixed feeds and feed ingredients submitted by dealers and consumers samples of hay and silage for farmers, and miscellaneous materials suspected of having poisoned livestock or pets. There were also 11 samples of alfalfa, beet pulp, grain, hay and silage submitted by the State Department of Agriculture to check on possible sources of heptachlor and its epoxide in the milk of four dairy farms.

No definitely deleterious substance was found in any commercial feed and the only samples found to contain a possibly significant proportion of any poison were the following:

3716. First Growth Sorghum. Beaumont Farm, Wallingford, Conn. Hydrocyanic acid present.

4038. Weeds from Hay. Howard Kemmerer, Wallingford, Conn. These weeds contained a considerable proportion of wild cherry leaves and twigs.

Traces of heptachlor and epoxide were found in two samples of alfalfa, three of beet pulp from Manitoba, and four of hay. The proportions of these insecticides present (in parts per million) ranged from 0.006 heptachlor and 0.027 heptachlor epoxide in one sample of beet pulp to no heptachlor and 0.09 heptachlor epoxide in one hay sample. While these amounts are low, considering that the tolerances for heptachlor and its epoxide in milk are zero,

any dairy farmer who fed these materials to his cows would be taking a chance of having his milk taken off the market.

In addition to the above samples, traces of pesticides were found in the following:

4096. Apple Pomace. Schanz Farm, Inc., Northford, Conn. DDE, 0.19; DDT, 1.40; deildrin, 0.21; TDE, 0.94; and tedion, 0.39, p.p.m.

2986. Mixed Oats, Weeds and Alfalfa. John Bugai, Durham, Conn. DDT, 0.04; dieldrin, 0.04; heptachlor, 0.03; and heptachlor epoxide, 0.12, p.p.m.

Biological Specimens Examined for Poisons

One hundred and sixty-three biological specimens, mostly of domestic animals, were submitted for examination because of suspected poisoning. In 39 of them poisonous substances were present in sufficient quantity to suggest possible causes of illness or death.

The poisonous materials, and the numbers of specimens in which they were found, are summarized as follows: Arsenic (1); arsenic with lead (lead arsenate), antimony and bismuth (1); asphalt with barium (1); cadmium with lead and an unidentified alkaloid (1); chlordane (1); cyanide (1); DDT (5); ethylene glycol (2); lead (10); lead with mercury and an unidentified alkaloid (1); lead with styrcinne (1); mercury (4); nitrate (1); strychnine (1); sulfaquinoxaline (1); thallium (2); unidentified alkaloids (4); and zirconium (1).

Check Feeds

Nine feeds were analyzed in the check feed program sponsored by the Association of America Feed Control Officials.

Faint, illegible table with multiple columns and rows, possibly a list of specimens or analysis results.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Mois- ture	Protein (N x 6.25)	
			Guaran- teed not less than	Found
ACME-EVANS CO. (Division of General Grain Inc.), Indianapolis, Ind.				
3829	Acme Wheat Middlings-- Ground Wheat Screenings	10.92	14.00	15.50
3497	Acme Yellow Hominy Feed	10.66	9.00	10.00
AGWAY, INC., Syracuse, N.Y.				
4445	Agway Booster Bits Medicated	10.21	16.00	17.50
3881	Agway Bulky (Roughage Ex- tender)	11.56	12.00	12.25
3613	Agway Calf Grower	11.66	18.00	19.00
3739	Agway Cashmaker Medicated	11.99	16.00	17.00
3946	Agway Cashmaker 17 (A) Med.	10.37	17.00	20.00
3614	Agway Champion	13.56	14.00	14.25
3861	Agway Compact 16 Pellets ESM	10.62	16.00	18.00
3611	Agway Dairypels 16	10.71	16.00	17.25
3615	Agway DFE	11.49	12.00	14.50
4207	Agway Dienestrol Diacetate Mixture Lipamone Roaster 1/2-Med. Incorporin Roaster Finisher	10.68	16.00	19.50
4213	Agway Egg Producer 21-(A) Med. (Laying Mash)	10.42	21.00	27.50
3742	Agway ES-GRO-BITS (A) Med.	11.42	14.50	15.00
3743	Agway ES-LAY-BITS (A) Med.	10.20	16.00	16.50
3688	Agway Fulpail	11.60	20.00	20.00
4212	Agway Game & Turkey Grower (Pellets)	10.80	21.00	21.00
3552	Agway Glen-Haven Demand Horse Feed	11.33	12.00	13.75
3953	Agway Gro-Bits-WM Med.	11.07	16.00	17.25
3864	Agway Hog Feed	11.13	14.00	15.50
~~~~~ Indicates deficiencies.				

INSPECTION OF 1964

Guaran- teed not less than	Fat Found	Fiber		Medicants
		Guaran- teed not more than	Found	
3.00	4.28	9.50	7.02	
7.00	7.74	6.00	4.66	
4.00	5.60	4.50	3.14	Furazolidone: Guar., 0.0220%; found, 0.0204%.
3.00	3.01	13.00	11.62	
3.50	4.12	7.00	5.98	
4.00	5.73	3.50	3.14	Arsanilic acid: Guar., 0.0099%; found, 0.0103%.
4.00	5.53	4.00	2.73	Arsanilic acid: Guar., 0.01%; found, 0.0118%.
2.50	2.96	7.00	4.80	
3.00	4.52	9.00	7.62	
3.00	4.91	9.00	7.67	
2.50	3.71	10.00	8.74	
3.50	5.58	4.00	2.95	Sulfaquinoxaline: Guar., 0.0125%; found, 0.0132%.
4.00	4.73	4.00	3.10	Dienestrol diacetate: Guar., 0.0035%; found, 0.0038%.
4.00	5.26	6.00	4.51	Arsanilic acid: Guar., 0.0160%; found, 0.0090%.
4.00	4.52	4.00	3.20	Arsanilic acid: Guar., 0.01%; found, 0.0092%.
3.00	4.21	8.00	6.09	Arsanilic acid: Guar., 0.010%; found, 0.0094%.
3.50	4.47	4.50	3.02	Bacitracin: Guar., 5 gm/ton; not determined.
2.50	3.38	15.00	12.82	
3.50	4.90	5.00	3.95	
3.00	4.58	5.00	4.61	Amprolium: Guar., 0.004%; found, 0.0041%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Mois- ture	Protein (N x 6.25)	
			Guaran- teed not less than	Found
3880	Agway Hominy Feed	11.66	10.00	11.25
4441	Agway Medicated Defender	9.96	16.00	17.25
4007	Agway Medicated Sentinel	11.08	16.00	16.00
3879	Agway Milkerpels 16	11.38	16.00	17.75
4136	Agway Milkerpels 16 WA Med.	10.56	16.00	17.25
3912	Agway Milkmore 16 ESM	12.91	16.00	16.00
3686	Agway Milksaver	6.50	24.00	26.00
3947	Agway Pacemaker Medicated	11.16	20.00	21.75
4214	Agway Pacemaker Starter (B) Medicated	11.71	21.00	22.75
4210	Agway Pel-Lay Medicated	10.22	16.00	17.50
3721	Agway Pork Builder	10.97	14.00	14.75
4008	Agway Pork Gainer Medicated	10.19	16.00	17.25
4215	Agway Pork Mix	9.09	40.00	40.75
3945	Agway Pullet Grower 20 (A) Medicated	10.42	20.00	22.75
4440	Agway Rabbettes Medicated	9.70	15.00	15.00
4175	Agway Roaster Finisher Med.	10.67	18.00	19.75
4013	Agway Sentinel Bits Medicated	10.81	16.00	17.00
3914	Agway Sow & Pig Supplement	9.57	36.00	<u>32.50</u>

Indicates deficiencies.

INSPECTION OF 1964

Station No.	Fat		Fiber		Medicants
	Guaran- teed not less than	Found	Guaran- teed not more than	Found	
3880	5.00	6.24	6.00	4.74	
4441	3.50	4.56	5.00	4.22	Furazolidone: Guar., 0.0220%; found, 0.0235%.
4007	3.50	4.34	5.00	4.12	Oxytetracycline hydrochloride: Guar., 0.1 gm/lb.; found, 0.101 gm/lb.
3879	3.50	5.80	8.00	7.99	
4136	3.50	3.84	8.00	8.01	Chlortetracycline hydrochlor- ide: Guar., 0.01 gm/lb.; found, 0.009 gm/lb.
3912	3.00	4.13	10.00	7.86	
3686	5.00	5.11	1.50	0.85	
3947	4.00	5.11	4.00	3.09	Amprolium: Guar., 0.004%; found, 0.0043%.
4214	4.00	4.18	3.50	2.66	
4210	3.50	4.67	4.00	2.90	Arsanilic acid: Guar., 0.0099%; found, 0.0100%.
3721	3.00	4.18	3.50	2.79	
4008	4.50	5.48	4.00	2.86	Arsanilic acid: Guar., 0.0099%; found, 0.0090%. Hygro- mycin B: Guar., 0.006 gm/lb.; not determined.
4215	1.50	5.16	5.50	3.96	Bacitracin: Guar., 37.5 gm/lb.; not determined. Penicillin: Guar., 7.5 gm/ton; not determined.
3945	4.00	4.98	6.50	5.38	Arsanilic acid: Guar., 0.0160%; found, 0.0142.
4440	2.50	3.71	5.00	4.26	Furazolidone: Guar., 0.0055%; found, 0.0063%.
4175	4.00	5.13	3.50	3.08	Amprolium: Guar., 0.0125%; found, 0.0142%. Ethopabate: Guar., 0.00040%; found, 0.00039%.
4013	4.00	5.01	4.00	3.33	Oxytetracycline hydrochlor- ide: Guar., 200 gm/ton; found, 198 gm/ton.
3914	2.00	3.09	6.00	4.48	



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Mois- ture	Protein (N x 6.25)	
			Guaran- teed not less than	Found
4015	Agway Squealer Medicated (Pig Starter)	10.41	18.00	19.50
3551	Agway Super Test Feed	12.32	16.00	17.00
4019	Agway Turkey Finisher	11.34	16.00	17.25
3862	Agway Turkey Finisher (Pellets)	10.31	16.00	18.00
3713	Agway Turkey Grower	10.50	20.00	21.50
3954	Agway Turkey Starter Med.	11.27	28.00	28.00
4006	Agway Veal-N-Gro Milk Re- placer Medicated	5.28	24.00	24.50
3499	Bloomfield Hominy Mix	13.93	8.00	10.00
2693	Calfsaver Tablets	....	....	....
3712	Supmix	9.82	36.00	36.50
3714	Tastibulk	12.50	9.50	11.75
ALBERS MILLING CO. (Div. of Carnation Co.), Los Angeles 36, Calif.				
4280	Albers Calf Manna	10.76	25.00	25.00
3973	Albers Rabbit Breeder Paks	8.91	15.00	15.50
3547	Albers Sho-Glo	10.44	22.00	23.00
4281	Albers Spur	10.10	25.00	25.00
3548	Albers Suckle	8.16	24.00	25.25
4003	Albers Suckle Medicated	5.99	24.00	27.00
4282	Albers Veal Glo	4.91	22.00	23.00

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Fat | | Fiber | | Medicants |
|-------------------------------------|--------------|-------------------------------------|-------|---|
| Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| 2.50 | 2.76 | 2.00 | 2.76 | Chlortetracycline hydrochlor-
ide: Guar., 100 gm/ton; found,
106.0 gm/ton. Penicillin:
Guar., 50 gm/ton; not
determined. Sulfamethazine:
100 gm/ton; not determined. |
| 4.50 | 4.81 | 8.00 | 7.31 | Bacitracin: Guar., 0.5 gm/ton;
not determined. |
| 3.50 | 4.86 | 4.00 | 2.93 | |
| 3.50 | 4.69 | 4.00 | 3.25 | Amprolium: Guar., 0.0125%;
found, 0.0101%.
Chlortetracycline hydrochlor-
ide: Guar., 0.025 gm/lb.;
found, 0.029 gm/lb. |
| 3.50 | 4.46 | 4.50 | 3.53 | |
| 3.00 | 4.04 | 4.00 | 2.98 | |
| 20.00 | <u>17.82</u> | 0.25 | 0.29 | Chlortetracycline hydrochlor-
ide: Guar., 18 mgms/tablet;
found, 19.71 mgms/tablet.
Niacin: Guar., 50 mgms/tablet;
found, 61.03 mgms/tablet. |
| 4.00 | 5.83 | 6.00 | 4.58 | |
| | | | | |
| 1.50 | 3.50 | 8.00 | 7.05 | |
| 2.00 | 3.21 | 10.00 | 6.88 | |
| 3.00 | 3.64 | 6.00 | 5.37 | |
| 2.00 | 2.94 | 22.00 | 21.97 | |
| 5.00 | 3.97 | 7.00 | 5.58 | |
| 2.00 | <u>2.52</u> | 13.00 | 11.02 | |
| 5.00 | 6.04 | 1.00 | 0.61 | |
| 10.00 | 8.89 | 1.00 | 0.62 | |
| 20.00 | <u>17.92</u> | 1.00 | 0.22 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|--------|
| | | | Guaran-
teed not
less
than | Found |
| | ALLIED MILLS, INC.,
Chicago, Ill. | | | |
| 4337 | Wayne Rabbit Ration 8600-00 | 9.81 | 17.00 | 18.00 |
| | AMBURGO MFG. CO., INC.,
Hope, Ind. | | | |
| 4342 | Amburgo Sard-X Dehydrated
Fish Solubles | 4.35 | 60.00 | 63.50 |
| | AMERICAN CRYSTAL SUGAR
CO., E. Grand Forks, Minn. | | | |
| 4056 | Dried Beet Pulp with Beet
Molasses | 8.81 | 9.50 | 9.50 |
| 3902 | Plain Dried Beet Pulp | 9.03 | 8.50 | 10.00 |
| | AMERICAN CYANAMID CO.,
Princeton, N. J. | | | |
| 3545 | Cyrea Urea Feed Compound | .... | 262.00 | 265.63 |
| | AMERICAN FEED CO., New
York 53, N. Y. | | | |
| 3496 | Afco Brand Dried Bakery
Product | 10.64 | 9.50 | 11.75 |
| | AMERICAN MAIZE-PROD.
CO., New York, N. Y. | | | |
| 3567 | Amaizo Gluten Meal | 10.96 | 41.00 | 44.13 |
| | ATLANTIC PROCESSING CO.,
Amagansett, N. Y. | | | |
| 4157 | Smith's Lifeline Fish Meal | 8.21 | 60.00 | 69.00 |

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Fiber | | Medicants |
|-------------------------------------|--------------|-------------------------------------|-------|-----------|
| | | Guaran-
teed not
more
than | Found | |
| 2.00 | 3.56 | 15.00 | 12.37 | |
| 6.00 | 11.00 | 2.00 | 0.36 | |
| 0.30 | 0.72 | 19.00 | 16.91 | |
| 0.30 | 0.81 | 22.00 | 21.22 | |
| | | | | |
| 8.00 | 7.50 | 2.00 | 1.46 | |
| 1.00 | 1.48 | 6.00 | 3.53 | |
| 5.00 | 7.22 | 3.00 | 0.44 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| | BEACON FEEDS, Beacon Div.
of Textron Inc., Cayuga,
N. Y. | | | |
| 3894 | Beacon Brisk Complete Horse
Feed | 11.31 | 12.50 | 12.75 |
| 3961 | Beacon Broiler Finisher App
Medicated | 11.12 | 20.00 | 21.50 |
| 3761 | Beacon Calf Grow | 11.21 | 17.00 | 17.25 |
| 3549 | Beacon Chinchilla Pellets | 10.42 | 19.00 | 19.50 |
| 3924 | Beacon "15" Coarse Test Cow
Ration | 13.01 | 15.00 | 15.00 |
| 3896 | Beacon Complete Rabbit
Pellets | 10.34 | 17.00 | 17.00 |
| 3960 | Beacon Complete Starter AP
Medicated | 11.16 | 22.00 | 24.75 |
| 3757 | Beacon Dairy Fitting | 11.67 | 14.00 | 14.00 |
| 4209 | Beacon 0.007% Dienestrol
Diacetate Mix in Beacon
Poultry Finisher | 12.18 | 15.00 | 16.75 |
| 3746 | Beacon Egg Mate A Med. | 10.22 | 16.00 | 16.00 |
| 3891 | Beacon Grain Mate | 13.12 | 20.00 | 20.25 |
| 3897 | Beacon Grower All-Mash | 11.24 | 16.00 | 16.50 |
| 3923 | Beacon Hi-Energy "18" Test
Pel-ets | 12.66 | 18.00 | 19.50 |
| 3917 | Beacon Hi-Pro Duck Grower
Finisher | 12.47 | 18.00 | 19.50 |
| 3895 | Beacon Milk Check Coarse
"16" | 11.22 | 16.00 | 16.00 |
| 4436 | Beacon Rumentrol Medicated | 10.79 | 16.00 | 17.00 |
| 3959 | Beacon Starter-Broiler APP
Medicated | 11.43 | 23.00 | 26.00 |
| 3893 | Beacon Tally-Ho-Horse Feed | 13.21 | 11.00 | 11.50 |
| 3919 | Beacon "16" Test Cow Ration | 12.63 | 16.00 | 16.50 |
| 3915 | Beacon "18" Test Cow Ration | 13.57 | 18.00 | 18.25 |
| 3921 | Beacon Turkey Fattener All-
Mash (Pellets) | 11.96 | 15.00 | 17.00 |

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|--|
| | | | | |
| 6.00 | 8.15 | 3.50 | 2.73 | Amprolium: Guar., 0.0125%;
found, 0.0144%. Ethopabate:
Guar., 0.0004%; found,
0.00044%. |
| 3.00 | 3.79 | 8.00 | 6.41 | |
| 2.50 | 4.31 | 14.00 | 12.40 | |
| 4.00 | 4.08 | 7.50 | 6.24 | |
| 3.50 | 3.79 | 13.00 | 12.46 | |
| 3.50 | 4.09 | 5.00 | 2.89 | Amprolium: Guar., 0.008%;
found, 0.0090%. |
| 3.50 | 4.84 | 8.00 | 6.67 | |
| 4.00 | 8.09 | 4.50 | 2.59 | Dienestrol Diacetate: Guar.,
0.0070%; found, 0.0065%.
Nicarbazin: Guar., 0.0125%;
found, 0.0108%. |
| 3.00 | 4.58 | 5.00 | 4.10 | Arsanilic acid: Guar., 0.009%;
found, 0.0083%. |
| 3.50 | 4.01 | 6.00 | 3.59 | |
| 3.50 | 4.00 | 6.00 | 4.81 | |
| 4.25 | 4.65 | 7.00 | 7.08 | |
| 3.00 | 3.38 | 5.00 | 3.36 | |
| 3.75 | 4.91 | 9.00 | 8.61 | |
| 3.50 | 3.91 | 8.00 | 5.85 | |
| 5.00 | 6.17 | 3.50 | 2.65 | Amprolium: Guar., 0.0125%;
found, 0.0141%. Ethopabate:
Guar., 0.0004%; found,
0.00034%. |
| 3.00 | 2.87 | 8.00 | 6.00 | |
| 4.00 | 5.14 | 8.00 | 6.11 | |
| 4.00 | 4.30 | 8.00 | 6.57 | |
| 3.00 | 5.54 | 5.50 | 2.98 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|---|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 3918 | Beacon Turkey Finisher All-Mash | 11.32 | 18.00 | 20.25 |
| 4404 | Beacon Turkey Finisher All-Mash C Medicated | 10.59 | 18.00 | 19.75 |
| 3898 | Beacon "20" Turkey & Game Bird Grower | 11.67 | 20.00 | 20.00 |
| 4392 | Beacon "20" Turkey Grower C Medicated (Pellets) | 11.54 | 20.00 | 20.00 |
| 3958 | Beacon Turkey Starter AP Medicated | 10.66 | 28.00 | 29.75 |
| 3759 | Be-Co Grower | 10.31 | 14.00 | 14.00 |
| 3916 | Be-Co-Nurse Milk Replacer | 4.91 | 20.00 | 21.75 |
| 3758 | Linseed Oil Meal | 11.27 | .... | 36.00 |
| 3922 | Pro-Pel "16" Dairy | 10.61 | 16.00 | 17.25 |
| 3760 | 50% Soybean Meal | 10.46 | .... | 49.25 |
| THE BERKMAN GRAIN CO.,
North Franklin, Conn. | | | | |
| 4076 | Nibco 18% Dairy Ration | 12.25 | 18.00 | 15.50 |
| 4077 | Nibco Fitting Ration | 11.76 | 14.00 | 13.25 |
| 4107 | Nibco Five Star Lo Color | 10.16 | 18.00 | 18.00 |
| 4108 | Nibco Five Star Roaster | 11.23 | 16.00 | 18.00 |
| 4396 | Nibco Five Star Super Starter | 11.36 | 25.00 | 24.25 |
| 4109 | Nibco Five Star Super Starter | 10.74 | 25.00 | 25.00 |
| 4106 | Nibco Five Star Weight Maker | 10.85 | 22.00 | 22.00 |
| 4395 | Nibco Five Star Weight Maker | 11.24 | 22.00 | 22.50 |

Indicates deficiencies.

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|---|
| | | | | |
| 4.50 | 4.23 | 3.50 | 3.24 | |
| 3.00 | 5.94 | 4.50 | 3.21 | Chlortetracycline hydrochloride: Guar., 200 gms/ton; found, 200.6 gms/ton. |
| 3.00 | 3.61 | 6.00 | 4.49 | |
| 3.00 | 5.72 | 4.00 | 2.69 | Sulfaquinoxaline: Guar., 0.0150%; found, 0.0168%.
Nicarbazin: Guar., 0.010%; found, 0.0114%. |
| 4.50 | 6.26 | 3.50 | 1.95 | |
| 3.50 | 3.87 | 2.00 | 1.10 | Chlortetracycline hydrochloride: Guar., 50 gms/ton; found, 60.0 gms/ton |
| 2.00 | 4.14 | 5.00 | 4.78 | |
| 3.50 | 4.07 | 8.00 | 7.03 | |
| 2.00 | 3.58 | 8.00 | 2.81 | |
| 3.00 | 4.61 | 8.50 | 5.86 | |
| 7.00 | 7.56 | 15.00 | 13.08 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 3644 | Nibco High Energy Layer | 11.57 | 16.00 | 16.00 |
| 3646 | Nibco High Energy Laying &
Growing Mash | 12.04 | 16.00 | 16.25 |
| 4005 | Nibco Medicated Booster Feed | 11.03 | 20.00 | 20.88 |
| 3645 | Nibco Pullet Builder | 11.77 | 15.50 | 15.50 |
| 3939 | Nibco Pullet Starter | 12.20 | 20.00 | 21.00 |
| 4206 | Nibco Special Five Star Lo
Color | 11.29 | 18.00 | 18.25 |
| | BLATCHFORD CALF MEAL
CO., Waukegan, Ill. | | | |
| 4098 | Blatchford's Calf Pab | 5.09 | 25.00 | 26.75 |
| 4074 | Blatchford's Calf Meal | 9.54 | 24.00 | 26.00 |
| | BLOOMFIELD FARMERS
EXCHANGE INC.,
Bloomfield, Conn. | | | |
| 3498 | Bloomfield 16% Dairy Ration | 12.96 | 16.00 | 16.00 |
| | BLUE RIVER FEED MILLS,
INC., Edinburg, Ind. | | | |
| 3920 | Horse Honey | 10.32 | 12.00 | 14.50 |
| | BROOKLAWN GRAIN & FEED
CO., Bridgeport, Conn. | | | |
| 3673 | Brooklawn Dairy Ration | 10.30 | 16.00 | 18.25 |
| | BROWN-FORMAN DISTILLERS
CORP., Louisville, Ky. | | | |
| 4315 | B F Corn Distillers Dried
Grains | 8.64 | 23.00 | 26.75 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                                                                                                 |
|-------------------------------------|--------------|-------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                                                                                                           |
| 3.00                                | 5.39         | 5.50                                | 3.73           | P-Ureidobenzeneearsonic acid:<br>Guar., 0.0375%; found,<br>0.0423%.                                                                                                                       |
| 3.00                                | 4.29         | 5.50                                | 3.46           |                                                                                                                                                                                           |
| 3.00                                | 4.88         | 5.50                                | 2.89           | P-Ureidobenzeneearsonic acid:<br>Guar., 0.0375%; found,<br>0.0441%.                                                                                                                       |
| 3.50                                | 4.06         | 4.50                                | 3.41           | Amprolium: Guar., 0.0125%;<br>found, 0.0107%.                                                                                                                                             |
| 3.00                                | 6.03         | 8.00                                | 7.10           |                                                                                                                                                                                           |
| 25.00                               | 24.54        | 0.25                                | 0.21           |                                                                                                                                                                                           |
| ....                                | 2.73         | ....                                | 8.20           |                                                                                                                                                                                           |
| 3.25                                | 3.69         | 11.00                               | 10.74          |                                                                                                                                                                                           |
| ....                                | 3.29         | ....                                | 2.92           |                                                                                                                                                                                           |
| 4.00                                | 3.52         | 8.00                                | 6.67           |                                                                                                                                                                                           |
| 4.00                                | 4.04         | 8.00                                | 6.24           |                                                                                                                                                                                           |
| 4.50                                | 5.85         | 3.50                                | 1.86           | Amprolium: Guar., 0.0125%;<br>found, 0.0139%.                                                                                                                                             |
| 4.50                                | 6.39         | 3.00                                | 2.20           | Amprolium: Guar., 0.0125%;<br>found, 0.0142%.                                                                                                                                             |
| 7.00                                | 9.21         | 2.50                                | 2.23           | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0050%;<br>found, 0.0044%. Nicarbazin:<br>Guar., 0.010%; found,<br>0.0114%.                                                             |
| 7.00                                | 8.79         | 2.50                                | 2.42           | Amprolium: Guar., 0.0125%;<br>found, 0.0141%.                                                                                                                                             |
| 6.00                                | 9.59         | 2.50                                | 2.12           | Amprolium: Guar., 0.0125%;<br>found, 0.0111%.                                                                                                                                             |
| 6.00                                | 9.52         | 2.50                                | 2.08           | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.005%;<br>found, 0.005%. Nicarbazin:<br>Guar., 0.010%; found,<br>0.0112%. Dienestrol diace-<br>tate: Guar., 0.0023%; found,<br>0.0028%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                             | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|--------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                    |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | CAMDEN GRAIN CO.,<br>Camden, N. J.                                 |               |                                     |       |
| 3508        | Camden Brand Brewers Dried<br>Grains                               | 8.10          | 24.00                               | 27.00 |
|             | CANADIAN SUGAR FACTOR-<br>IES LTD., Alberta, Canada                |               |                                     |       |
| 3724        | C. S. F. Alberta Pulp Dried<br>Molasses Beet Pulp                  | 9.27          | 9.00                                | 9.75  |
|             | THE A. B. CAPLE CO.,<br>Toledo, Ohio                               |               |                                     |       |
| 4364        | 17% Capex Dehydrated Alfalfa<br>Meal                               | 6.39          | 17.00                               | 20.00 |
|             | CENTRAL CONN. CO-OP<br>FARMERS ASSOC., INC.,<br>Manchester, Conn.  |               |                                     |       |
| 2696        | Honest Brand Aureomycin Mix<br>(Pellets) Medicated                 | 10.69         | 18.00                               | 19.00 |
| 2697        | Honest Brand Aureomycin Mix<br>Med. (Turkey Mash)                  | 11.64         | 18.00                               | 29.50 |
| 2698        | Honest Brand Aureomycin Mix<br>Med. (Turkey Pellets)               | 11.21         | 18.00                               | 27.00 |
| 4351        | Honest Brand Complete<br>Breeder Mash                              | 11.49         | 16.00                               | 17.00 |
| 4353        | Honest Brand Complete Ration<br>High Energy Growing Mash           | 12.41         | 15.00                               | 15.00 |
| 4223        | Honest Brand Comp. Ration<br>High Energy Growing Mash<br>Medicated | 11.50         | 15.00                               | 15.25 |
| 4221        | Honest Brand Comp. Ration<br>High Energy Growing Mash<br>Medicated | 10.82         | 15.00                               | 15.25 |

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Fiber                               |       | Medicants                                                                         |
|-------------------------------------|--------------|-------------------------------------|-------|-----------------------------------------------------------------------------------|
|                                     |              | Guaran-<br>teed not<br>more<br>than | Found |                                                                                   |
| 4.00                                | 5.53         | 17.00                               | 12.45 |                                                                                   |
| 0.30                                | 0.36         | 20.00                               | 15.89 |                                                                                   |
| 2.00                                | 5.90         | 27.00                               | 17.92 |                                                                                   |
| 4.00                                | 6.16         | 4.00                                | 3.59  | Chlortetracycline hydrochlor-<br>ide: Guar., 0.1 gms/lb.;<br>found, 0.083 gms/lb. |
| 4.00                                | 6.24         | 4.00                                | 3.75  | Chlortetracycline hydrochlor-<br>ide: Guar., 0.1 gms/lb.;<br>found, 0.102 gms/lb. |
| 4.00                                | 5.54         | 4.00                                | 3.99  | Chlortetracycline hydrochlor-<br>ide: Guar., 0.1 gms/lb.;<br>found, 0.082 gms/lb. |
| 4.00                                | 4.93         | 4.00                                | 3.51  |                                                                                   |
| 3.00                                | 5.24         | 4.00                                | 3.89  |                                                                                   |
| 4.00                                | 5.17         | 4.00                                | 3.50  |                                                                                   |
| 4.00                                | 6.21         | 4.00                                | 3.69  |                                                                                   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                                   | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|------------------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                                          |               | Guaran-<br>teed not<br>less<br>than | Found |
| 4453        | Honest Brand Comp. Ration<br>High Energy Growing<br>Mash-Medicated Poultry               | 11.75         | 15.00                               | 16.25 |
| 4350        | Honest Brand Complete<br>Ration High Energy<br>Laying Mash                               | 11.82         | 15.00                               | 16.00 |
| 4437        | Honest Brand Comp. Ration<br>High Energy Laying Mash<br>Medicated Poultry Feed           | 11.23         | 15.00                               | 15.50 |
| 4352        | Honest Brand Light Breeder<br>Formula Comp. Ration<br>High Energy Laying Mash            | 11.19         | 16.00                               | 16.00 |
| 3562        | Honest Brand Nu Lay Layer<br>Ration                                                      | 10.21         | 16.00                               | 16.75 |
| 4438        | Honest Brand Nu Lay Layer<br>Ration Medicated Poultry<br>Feed                            | 11.54         | 16.00                               | 16.00 |
| 3563        | Honest Brand Nu Weigh-Hi<br>Broiler Finisher Mash                                        | 11.47         | 18.00                               | 20.00 |
| 4222        | Honest Brand Nu-Weigh-Hi<br>Starter Mash Medicated                                       | 12.11         | 20.00                               | 21.50 |
|             | CENTRAL SOYA, McMillen<br>Feed Division, Fort Wayne,<br>Ind.                             |               |                                     |       |
| 4217        | 0.0116 Dien Mix Incorp. in<br>Master Mix Broiler<br>Finisher Conc. 375C-71P<br>Medicated | 8.11          | 41.00                               | 41.75 |
| 3568        | Forty-Four 44% Solvent<br>Extracted Soybean Meal                                         | 11.33         | 44.00                               | 44.50 |
| 4219        | Master Hi-Gain Calflac                                                                   | 4.65          | 24.00                               | 24.00 |
| 4316        | Master Mix Blended Fifty 675                                                             | 10.38         | 50.00                               | 49.50 |

Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                                                          |
|-------------------------------------|--------------|-------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                                                                    |
| 4.00                                | 4.90         | 4.00                                | 3.28           |                                                                                                                                                    |
| 4.00                                | 5.17         | 4.00                                | 3.66           | Furazolidone: Guar., 0.022%;<br>found, 0.0228%.                                                                                                    |
| 5.00                                | 6.44         | 4.00                                | 3.34           |                                                                                                                                                    |
| 5.00                                | 5.26         | 4.00                                | 3.24           |                                                                                                                                                    |
| 5.00                                | 5.73         | 4.00                                | 3.32           | Furazolidone: Guar., 0.022%;<br>found, 0.0220%.                                                                                                    |
| 2.00                                | 5.84         | 6.50                                | 2.76           |                                                                                                                                                    |
| 4.00                                | 5.03         | 4.00                                | 3.24           | Nihydrazone: Guar., 100<br>gms/ton; not determined.                                                                                                |
| 10.00                               | 11.57        | 5.00                                | 4.24           | Dienestrol Diacetate: Guar.,<br>0.0023%; found, 0.0028%.<br>Nicarbazin: Guar., 0.05%;<br>found, 0.0472%.                                           |
| 0.50                                | 1.01         | 7.00                                | 7.25           |                                                                                                                                                    |
| 20.00                               | <u>17.92</u> | 0.50                                | 0.20           | Chlortetracycline hydrochlor-<br>ide: Guar., 25 gms/ton; not<br>determined. Oxytetracycline<br>hydrochloride: Guar.,<br>25 gms/ton; not determined |
| 1.00                                | 1.67         | 6.00                                | 5.12           |                                                                                                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                | Mois-<br>ture | Protein<br>(N x 6.25)               |              |
|-------------|-------------------------------------------------------|---------------|-------------------------------------|--------------|
|             |                                                       |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 3948        | Master Mix Broiler Starter Concentrate 351-18A Med.   | 10.21         | 42.00                               | 43.25        |
| 4218        | Master Mix Calflac Med.                               | 4.42          | 20.00                               | 20.00        |
| 3667        | Master Mix Calf Mixer 559 (Pellets)                   | 11.57         | 26.00                               | 26.00        |
| 4439        | Master Mix Complete Rabbit Pellets 961-84 E Medicated | 10.76         | 15.00                               | 15.00        |
| 3577        | Master Mix Complete Turkey Finisher 445               | 11.78         | 15.00                               | 15.75        |
| 4317        | Master Mix Dairy Blender 652                          | 11.09         | 24.00                               | 25.50        |
| 4314        | Master Mix Eastern Big "M" Dairy Feed 622             | 10.04         | 16.00                               | 17.00        |
| 3572        | Master Mix Egg Concentrate 263                        | 9.16          | 42.00                               | <u>41.00</u> |
| 4312        | Master Mix H. C. Breeder Concentrate 087              | 9.66          | 42.00                               | 42.00        |
| 4161        | Master Mix Hog Finisher Concentrate 889               | 9.34          | 40.00                               | 41.25        |
| 3647        | Master Mix Horse Feed 967                             | 13.18         | 10.00                               | 11.75        |
| 3564        | Master Mix HQ Master Blend Concentrate 667            | 11.48         | 38.00                               | 38.00        |
| 3740        | Master Mix Pig & Sow Feed 827-01A Med. (Pellets)      | 11.01         | 16.00                               | 16.75        |
| 4393        | Master Mix Poultry Starter 401-83A Medicated          | 11.77         | 28.00                               | 29.00        |

Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                                             |
|-------------------------------------|--------------|-------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                                                       |
| 11.50                               | 11.39        | 0.50                                | 0.33           | Chlortetracycline hydrochloride: Guar., 50 gms/ton; not determined. Oxytetracycline hydrochloride: Guar., 50 gms/ton; not determined. |
| 3.00                                | 4.18         | 6.50                                | 6.33           | Chlortetracycline hydrochloride: Guar., 18 gms/ton; not determined.                                                                   |
| 2.00                                | 3.63         | 16.00                               | 14.46          | Furazolidone: Guar., 0.0055%; found, 0.0058%. Sulfaquinoxaline: Guar., 0.0125%; found, 0.0132%.                                       |
| 3.50                                | 4.51         | 5.00                                | 4.04           |                                                                                                                                       |
| 1.00                                | 1.88         | 12.00                               | 10.20          |                                                                                                                                       |
| 3.50                                | 4.17         | 12.00                               | 11.02          |                                                                                                                                       |
| 6.00                                | 8.50         | 5.00                                | 5.04           |                                                                                                                                       |
| 5.00                                | 5.14         | 5.00                                | 4.78           |                                                                                                                                       |
| 1.50                                | 3.99         | 6.00                                | 5.38           |                                                                                                                                       |
| 3.00                                | 3.06         | 9.00                                | 7.82           |                                                                                                                                       |
| 0.50                                | 1.27         | 5.00                                | 4.85           |                                                                                                                                       |
| 3.00                                | 6.23         | 6.00                                | 6.23           | Arsanilic acid: Guar., 0.010%; found, 0.0103%.                                                                                        |
| 4.00                                | 5.44         | 4.00                                | 3.59           | 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0042%. Sulfaquinoxaline: Guar., 0.0175%; found, 0.0163%.                 |



TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                            | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                   |               | Guaran-<br>teed not<br>less<br>than | Found |
| 3671        | Master Mix Pullet Concentrate<br>163                              | 9.27          | 36.00                               | 36.25 |
| 4374        | Master Mix Pullet Concentrate<br>163-04H Medicated                | 10.61         | 36.00                               | 36.00 |
| 4160        | Master Mix Ruma Bulk 646                                          | 11.11         | 10.00                               | 11.00 |
| 3670        | Master Mix Sweet Bulk 'N<br>Flakes 648                            | 11.81         | 10.00                               | 12.00 |
| 3720        | Thrifty-Fifty 50% Solvent Ex-<br>tracted Dehulled Soybean<br>Meal | 11.12         | 50.00                               | 50.00 |
|             | S. J. CHERRY & SONS LTD.,<br>Preston, Ontario, Canada             |               |                                     |       |
| 4024        | S. J. Cherry's Wheat Bran                                         | 11.01         | 13.50                               | 16.00 |
|             | CITRUS PRODUCTS SALES<br>MINUTE MAID CO.,<br>Orlando, Fla.        |               |                                     |       |
| 4261        | Golden Isle Brand Citrus Pulp                                     | 9.97          | 6.00                                | 6.50  |
|             | CONN. BI-PRODUCTS, INC.,<br>Columbia, Conn.                       |               |                                     |       |
| 4340        | Hydrolyzed Poultry Feathers                                       | 4.91          | 85.00                               | 87.50 |
| 4339        | Poultry By-Product Meal                                           | 5.36          | 60.00                               | 60.25 |
| 4341        | Meat & Bone Meal                                                  | 4.61          | ....                                | 45.00 |
|             | CONNORS BROS. LTD.,<br>N. B., Canada                              |               |                                     |       |
| 4354        | Connors Bros. Ltd. Oily<br>Fish Meal                              | 5.17          | 60.00                               | 65.50 |
|             | CONSOLIDATED RENDERING<br>CO., Boston 10, Mass.                   |               |                                     |       |
| 4156        | Corenco 48% Meat & Bone<br>Scrap                                  | 7.22          | 48.00                               | 48.00 |

## INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat   |                                     | Fiber |                                     | Medicants                                   |
|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|---------------------------------------------|
|                                     | Found | Guaran-<br>teed not<br>more<br>than | Found | Guaran-<br>teed not<br>more<br>than |                                             |
| 2.50                                | 5.26  | 8.00                                | 7.01  |                                     |                                             |
| 2.50                                | 5.29  | 8.00                                | 6.53  |                                     | Zoalene: Guar., 0.0335%;<br>found, 0.0291%. |
| 1.00                                | 1.60  | 22.00                               | 20.87 |                                     |                                             |
| 1.00                                | 1.81  | 20.00                               | 18.52 |                                     |                                             |
| 0.50                                | 0.92  | 3.00                                | 3.12  |                                     |                                             |
| 3.00                                | 4.44  | 11.50                               | 10.70 |                                     |                                             |
| 2.70                                | 6.71  | 15.00                               | 11.38 |                                     |                                             |
| 0.50                                | 7.81  | 1.50                                | 0.55  |                                     |                                             |
| 10.00                               | 12.79 | 3.00                                | 1.07  |                                     |                                             |
| ....                                | 10.91 | ....                                | 1.21  |                                     |                                             |
| 10.00                               | 13.32 | ....                                | ....  |                                     |                                             |
| 6.00                                | 8.09  | 2.00                                | 1.56  |                                     |                                             |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                | Mois-<br>ture | Protein<br>(N x 6.25)               |              |
|-------------|-------------------------------------------------------|---------------|-------------------------------------|--------------|
|             |                                                       |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 3569        | Corenco 50% Meat & Bone Scrap                         | 6.12          | 50.00                               | <u>48.50</u> |
|             | COUNTRY BEST FOODS,<br>Agway Inc., Syracuse, N.Y.     |               |                                     |              |
| 3776        | Big Red Rabbit Food Pellets                           | 10.51         | 16.00                               | 17.00        |
|             | DAWNWOOD FARMS, INC.,<br>Wassaic, N.Y.                |               |                                     |              |
| 4236        | Dawnwood Farms Caf-Star                               | 6.66          | 25.00                               | 26.75        |
| 4237        | Dawnwood Farms Hi-Fat Caf Star                        | 5.99          | 24.00                               | 25.75        |
|             | D. C. A. FOOD INDUSTRIES,<br>INC., Ellicott City, Md. |               |                                     |              |
| 4320        | D. C. A. Breeder                                      | 8.25          | ....                                | 12.25        |
| 4318        | Domaco Pure Winter Wheat Bran                         | 11.33         | 13.50                               | 14.50        |
| 4311        | Domaco Wheat Middlings                                | 10.66         | 14.50                               | 15.25        |
|             | DERBY FEED STORE,<br>Derby, Conn.                     |               |                                     |              |
| 3539        | Litsky's Hi-Energy All-Mash Grower                    | 12.47         | 16.00                               | 16.50        |
| 3511        | Litsky's Hi-Energy All-Mash Layer                     | 11.69         | 16.00                               | 17.00        |
| 3509        | Litsky's Hi-Energy Layer                              | 11.92         | 20.00                               | 20.50        |
| 3937        | Litsky's Hi-Energy Starter-Broiler                    | 11.57         | 20.00                               | 21.38        |
| 4283        | Litsky's Sweet 16% Dairy Ration                       | 12.79         | 16.00                               | <u>14.25</u> |
|             | DECATUR MILLING CO.,<br>INC., Decatur, Ill.           |               |                                     |              |
| 4290        | Homco Hominy Feed                                     | 10.20         | 9.00                                | 11.75        |
| ~~~~~       | Indicates deficiencies.                               |               |                                     |              |

INSPECTION OF 1964

| Fat                                 |       | Fiber                               |       | Medicants                                            |
|-------------------------------------|-------|-------------------------------------|-------|------------------------------------------------------|
| Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                      |
| 6.00                                | 11.01 | ....                                | ....  |                                                      |
| 3.50                                | 4.53  | 12.00                               | 8.75  |                                                      |
| 6.00                                | 8.54  | 1.00                                | 0.95  |                                                      |
| 10.00                               | 10.49 | 0.25                                | 0.41  |                                                      |
| ....                                | 1.21  | ....                                | 0.47  |                                                      |
| 3.25                                | 3.88  | 9.50                                | 9.43  |                                                      |
| 4.25                                | 4.49  | 7.50                                | 7.35  |                                                      |
| 3.50                                | 3.66  | 4.00                                | 3.42  |                                                      |
| 3.50                                | 4.51  | 4.00                                | 4.58  |                                                      |
| 3.25                                | 3.96  | 4.50                                | 4.68  |                                                      |
| 3.50                                | 3.51  | 4.00                                | 4.60  | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0155%. |
| 3.00                                | 2.93  | 10.00                               | 6.83  |                                                      |
| 5.00                                | 6.19  | 6.00                                | 4.96  |                                                      |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                                 | Manufacturer and brand                                           | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-----------------------------------------------------------------------------|------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                                                             |                                                                  |               | Guaran-<br>teed not<br>less<br>than | Found |
| DELPHOS SOYA PRODUCTS<br>CO., Delphos, Ohio                                 |                                                                  |               |                                     |       |
| 3507                                                                        | 44% Protein Soybean Meal                                         | 12.32         | 44.00                               | 45.50 |
| DUQUESNE BREWING CO.<br>of PITTSBURG, Pittsburg,<br>Penn.                   |                                                                  |               |                                     |       |
| 3586                                                                        | Bulk Brewers Dried Grains                                        | 7.21          | 26.00                               | 30.25 |
| ELLISON'S MILLING &<br>ELEVATOR CO., LTD.,<br>Lethbrige, Alberta,<br>Canada |                                                                  |               |                                     |       |
| 3596                                                                        | Ellison's Wheat Bran                                             | 11.66         | 13.00                               | 17.00 |
| ELMORE MILLING CO.,<br>INC., Oneonta, N.Y.                                  |                                                                  |               |                                     |       |
| 3762                                                                        | Elmore Bulky Base                                                | 12.24         | 10.00                               | 10.13 |
| 3771                                                                        | Elmore Complete Calf Milk<br>Replacer                            | 8.29          | 25.00                               | 25.75 |
| 4135                                                                        | Elmore Complete Calf Milk<br>Replacer                            | 7.37          | 25.00                               | 26.00 |
| 4380                                                                        | Elmore Complete Growing<br>Ration Med. (1Z)                      | 11.71         | 16.00                               | 19.00 |
| 4230                                                                        | Elmore Complete Laying<br>Mash                                   | 11.42         | 16.00                               | 17.00 |
| 3765                                                                        | Elmore Complete Market<br>Egg Ration                             | 12.37         | 16.00                               | 17.25 |
| 4166                                                                        | Elmore Complete Rabbit<br>Ration Pellets                         | 10.11         | 16.00                               | 19.25 |
| 4328                                                                        | Elmore Complete Turkey<br>Growing Mash (Pellets)                 | 12.66         | 17.00                               | 19.00 |
| 4407                                                                        | Elmore Complete Turkey<br>Growing Mash Medicated<br>(1H) Pellets | 12.19         | 17.00                               | 17.25 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Fiber | | Medicants |
|-------------------------------------|--------------|-------------------------------------|-------|---|
| | | Guaran-
teed not
more
than | Found | |
| 0.50 | 0.77 | 7.00 | 8.12 | |
| 6.00 | 7.27 | 20.00 | 20.13 | |
| 3.50 | 5.43 | 11.00 | 10.07 | |
| 2.50 | 3.47 | 16.00 | 13.35 | |
| 4.00 | 5.06 | 2.00 | 1.97 | |
| 4.00 | 4.40 | 2.00 | 1.96 | Oxytetracycline hydrochloride:
Guar., 0.02 gms/lb.; found,
0.057, gms/lb. |
| 3.00 | 4.36 | 6.00 | 4.56 | Zoalene: Guar., 0.0125%;
found, 0.0052%. |
| 3.00 | 4.28 | 6.00 | 4.75 | |
| 3.00 | 3.73 | 5.00 | 4.10 | |
| 2.50 | 3.36 | 10.00 | 10.07 | |
| 3.00 | 4.48 | 6.00 | 4.56 | |
| 3.00 | 5.16 | 6.00 | 4.88 | 4-Nitrophenylarsonic acid:
Guar., 0.0250%; found,
0.0200%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|---|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 4232 | Elmore Dry & Freshening Ration | 13.20 | 12.00 | 14.00 |
| 4322 | Elmore Flaked Pelleted Calf Starter | 12.07 | 18.00 | 21.75 |
| 4327 | Elmore Game Bird Breeder Mash (Pellets) | 11.26 | 20.00 | 20.00 |
| 4233 | Elmore Game Bird Grower | 11.66 | 20.00 | 21.00 |
| 3943 | Elmore Game Bird Grower Medicated (1S) | 11.70 | 20.00 | 21.75 |
| 4323 | Elmore Grand Champion Ration | 11.96 | 15.00 | 15.00 |
| 3764 | Elmore Horse Feed | 12.94 | 9.00 | 11.25 |
| 4324 | Elmore Maximilk Ration 16% (Pellets) | 10.96 | 16.00 | 18.50 |
| 4449 | Elmore Medicated Mash NF 180 (Pellets) | 12.52 | 16.00 | 18.25 |
| 4325 | Elmore Milk Grains "Sixteen" | 12.25 | 16.00 | 17.75 |
| 3978 | Elmore Pacemaker Dairy Ration 16% | 11.81 | 16.00 | 20.00 |
| 3768 | Elmore Pacemaker Dairy Ration 18% | 11.72 | 18.00 | 21.00 |
| 4231 | Elmore Pacemaker Horse Pellets | 10.66 | 11.00 | 13.75 |
| 4134 | Elmore Picker-upper High Level Feed | 10.81 | 20.00 | 20.50 |
| 4167 | Elmore Roughage Extender | 11.40 | 9.00 | 14.63 |
| 3770 | Elmore Special Dairy 16% | 11.86 | 16.00 | 16.75 |
| 4229 | Elmore Test Ration 16% | 11.65 | 16.00 | 18.50 |
| 4168 | Elmore Test Ration 18% | 11.65 | 18.00 | 20.50 |
| JOHN W. ESHELMAN & SONS, Lancaster, Penn. | | | | |
| 4338 | Alfalfa Meal 17% | 9.34 | 17.00 | 18.25 |
| 3588 | Egg Maker Pellets | 10.70 | 16.00 | 16.50 |
| 3675 | Lancaster 16 Dairy Feed | 11.41 | 16.00 | 20.25 |
| 3678 | Lancaster 20 Dairy Feed | 10.71 | 20.00 | 21.50 |
| 3906 | Lancaster Horse Pellets | 10.46 | 12.50 | 13.25 |
| 3589 | Lancaster Scratch Grains | 13.02 | 9.00 | 9.00 |
| 4055 | Pennsy 16 Dairy Feed 520 | 10.87 | 16.00 | 16.75 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                          |
|-------------------------------------|--------------|-------------------------------------|----------------|------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                    |
| 2.50                                | 4.09         | 8.00                                | 5.88           |                                                                                    |
| 3.50                                | 3.91         | 6.00                                | 4.47           |                                                                                    |
| 3.00                                | 4.52         | 10.00                               | 4.57           |                                                                                    |
| 3.00                                | 3.50         | 10.00                               | 5.72           | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0168%.                               |
| 3.50                                | 3.89         | 8.00                                | 6.85           |                                                                                    |
| 3.00                                | 3.00         | 12.00                               | 6.18           |                                                                                    |
| 3.50                                | 4.95         | 9.00                                | 8.71           |                                                                                    |
| 3.00                                | 3.99         | 6.00                                | 3.87           | Furazolidone: Guar., 0.0220%;<br>found, 0.0114%.                                   |
| 3.50                                | 4.66         | 8.00                                | 7.81           |                                                                                    |
| 3.00                                | 3.35         | 10.50                               | 8.02           |                                                                                    |
| 3.00                                | 3.87         | 10.00                               | 7.23           |                                                                                    |
| 2.00                                | 3.69         | 17.00                               | 14.15          |                                                                                    |
| 3.50                                | 4.96         | 8.00                                | 4.47           | Chlortetracycline hydrochlor-<br>ide: Guar., 0.10 gms/lb.;<br>found, 0.094 gms/lb. |
| 2.00                                | 2.59         | 20.00                               | 17.31          |                                                                                    |
| 3.50                                | 4.13         | 9.00                                | 7.01           |                                                                                    |
| 4.00                                | 4.07         | 8.00                                | 7.80           |                                                                                    |
| 4.00                                | 4.01         | 8.00                                | 7.52           |                                                                                    |
| 2.00                                | 5.59         | 27.00                               | 21.89          |                                                                                    |
| 4.00                                | 5.06         | 6.50                                | 4.72           |                                                                                    |
| 2.50                                | 3.21         | 13.50                               | 11.25          |                                                                                    |
| 2.50                                | 2.86         | 13.00                               | 12.44          |                                                                                    |
| 2.00                                | 3.93         | 18.00                               | 14.82          |                                                                                    |
| 2.00                                | 2.58         | 4.00                                | 2.04           |                                                                                    |
| 2.50                                | 2.89         | 15.00                               | 12.78          |                                                                                    |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                  | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|---------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                         |               | Guaran-<br>teed not<br>less<br>than | Found |
| 3909        | Red Rose Calf Grower                                    | 13.30         | 14.00                               | 14.00 |
| 3682        | Red Rose Chick Grains                                   | 12.67         | 9.00                                | 10.50 |
| 3950        | Red Rose Chick Starter Med.<br>(110-E)                  | 10.71         | 22.00                               | 24.25 |
| 3683        | Red Rose Complete Growing<br>Ration                     | 10.82         | 16.00                               | 17.00 |
| 3593        | Red Rose Complete Laying<br>Ration                      | 9.89          | 16.00                               | 17.25 |
| 3824        | Red Rose Complete Turkey<br>Finisher                    | 10.46         | 16.00                               | 16.75 |
| 4394        | Red Rose Complete Turkey<br>Grower Medicated<br>(312-C) | 10.37         | 20.00                               | 20.75 |
| 3756        | Red Rose 16 Dairy Feed                                  | 11.58         | 16.00                               | 17.00 |
| 3910        | Red Rose Duck Grower &<br>Breeder (Pelleted)            | 10.65         | 20.00                               | 20.00 |
| 3677        | Red Rose Equinader                                      | 11.04         | 20.00                               | 20.25 |
| 3805        | Red Rose Fitting Ration                                 | 15.72         | 12.00                               | 14.25 |
| 3800        | Red Rose Goat Ration                                    | 11.99         | 14.00                               | 14.25 |
| 3755        | Red Rose Horse Feed                                     | 13.27         | 9.00                                | 9.00  |
| 3587        | Red Rose Intermediate Chick<br>Grains                   | 13.78         | 9.00                                | 9.25  |
| 3594        | Red Rose Laying Mash                                    | 10.16         | 20.00                               | 21.00 |
| 3685        | Red Rose Milk Replacer                                  | 7.36          | 22.00                               | 23.25 |
| 3806        | Red Rose Pigeon Feed                                    | 11.89         | 12.00                               | 14.00 |
| 3904        | Red Rose Pig Grower<br>Pellets                          | 11.84         | 16.00                               | 17.75 |
| 3676        | Red Rose Porkmaker                                      | 11.26         | 14.00                               | 15.50 |
| 3826        | Red Rose Rabbit Pellets                                 | 8.39          | 18.00                               | 17.25 |
| 3827        | Red Rose Rabbit Pellets                                 | 9.94          | 16.00                               | 17.50 |
| 3681        | Red Rose Rumenator (Dairy<br>Booster)                   | 10.27         | 16.00                               | 17.75 |
| 3592        | Red Rose Scratch Grains                                 | ....          | 10.00                               | 9.00  |
| 3905        | Red Rose Show Horse Feed                                | 12.39         | 14.00                               | 15.75 |
| 3679        | Red Rose Starter & Grower                               | 11.00         | 20.00                               | 20.75 |
| 4058        | Red Rose 14 Test Cow Feed                               | 11.26         | 14.00                               | 15.75 |
| 3591        | Solvent Extracted 41%<br>Cottonseed Meal                | 9.56          | 41.00                               | 41.25 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|--|
| | | | | |
| 2.00 | 2.54 | 3.00 | 1.78 | |
| 4.00 | 5.28 | 4.50 | 4.75 | Amprolium: Guar., 0.0125%;
found, 0.0110%. |
| 4.00 | 5.57 | 6.00 | 5.25 | |
| 4.00 | 5.21 | 5.00 | 5.59 | |
| 4.00 | 6.29 | 6.00 | 4.61 | P-Ureidobenzenearsonic acid:
Guar., 0.0375%; found,
0.0400%. |
| 4.00 | 5.39 | 6.00 | 4.90 | |
| 3.50 | 4.85 | 9.50 | 7.45 | |
| 4.00 | 5.37 | 6.00 | 5.01 | |
| 1.50 | 3.02 | 9.00 | 8.40 | |
| 3.50 | 4.09 | 8.50 | 6.80 | |
| 3.50 | 3.83 | 8.50 | 6.40 | |
| 3.00 | 3.49 | 8.00 | 3.82 | |
| 2.00 | 4.38 | 3.00 | 1.86 | |
| 4.00 | 4.75 | 5.50 | 5.19 | |
| 1.00 | 1.56 | 1.00 | 0.70 | |
| 2.00 | 2.70 | 5.50 | 3.05 | |
| 3.50 | 4.34 | 6.00 | 5.51 | |
| 3.50 | 4.13 | 7.00 | 5.56 | |
| 3.00 | 4.72 | 10.00 | 13.24 | |
| 2.50 | 4.94 | 15.50 | 11.27 | |
| 5.50 | 6.01 | 7.00 | 6.28 | |
| 2.00 | 3.69 | 4.00 | 3.05 | |
| 3.00 | 3.35 | 8.00 | 5.91 | |
| 4.00 | 4.71 | 6.00 | 4.89 | |
| 4.00 | 3.88 | 7.50 | 7.01 | |
| 0.50 | 3.66 | 13.00 | 11.61 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|--|--|---------------|-------------------------------------|--------------|
| | | | Guaran-
teed not
less
than | Found |
| FARM BUREAU ASSOCIATION,
Waltham, Mass. | | | | |
| 3725 | Farm Bureau Advancer 16%
Pellets | 9.71 | 16.00 | 17.50 |
| 3744 | Farm Bureau Complete Layer
Breeder Mash Medicated | 10.06 | 16.00 | 16.25 |
| 4296 | Farm Bureau Controlled
Energy Complete Producer | 11.36 | 16.00 | 16.50 |
| 3723 | Farm Bureau Dairy 16% | 10.27 | 16.00 | 18.25 |
| 3726 | Farm Bureau Rabbit Food
Pellets | 9.41 | 18.00 | 18.50 |
| 3941 | Farm Bureau Rabbit Food
Pellets | 9.91 | 18.00 | 20.13 |
| FARMERS FEED CO.,
Brooklyn, N. Y. | | | | |
| 4284 | "Bull Brand" Brewers Dried
Grains | 8.78 | 26.00 | 28.50 |
| FLORIDA CITRUS CANNERS
COOPERATIVE, Lake
Wales, Fla. | | | | |
| 3684 | Lake Wales Brand Dried
Citrus Pulp | 10.85 | 6.00 | 6.00 |
| FRUEN MILLING CO.,
Minneapolis, Minn. | | | | |
| 3665 | Fruen's All Purpose Thrift
Pellets | 10.31 | 12.50 | <u>11.50</u> |
| GENERAL MILLS, INC.,
Minneapolis, Minn. | | | | |
| 3892 | General Mills, Inc. Wheat
Bran-Ground Wheat
Screenings | 12.13 | 15.00 | 16.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No.                                                | Manufacturer and brand                                       | Mois-<br>ture | Fat                                 |             | Fiber                               |       | Medicants                                                   |
|------------------------------------------------------------|--------------------------------------------------------------|---------------|-------------------------------------|-------------|-------------------------------------|-------|-------------------------------------------------------------|
|                                                            |                                                              |               | Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                             |
| 3725                                                       | Farm Bureau Advancer 16%<br>Pellets                          | 9.71          | 3.50                                | 4.68        | 8.00                                | 6.47  |                                                             |
| 3744                                                       | Farm Bureau Complete Layer<br>Breeder Mash Medicated         | 10.06         | 4.00                                | 4.19        | 4.50                                | 4.03  | Arsanilic acid: Guar., 0.01%;<br>found, 0.0108%.            |
| 4296                                                       | Farm Bureau Controlled<br>Energy Complete Producer           | 11.36         | 4.00                                | 4.49        | 4.50                                | 3.91  |                                                             |
| 3723                                                       | Farm Bureau Dairy 16%                                        | 10.27         | 3.50                                | 3.73        | 8.00                                | 6.78  |                                                             |
| 3726                                                       | Farm Bureau Rabbit Food<br>Pellets                           | 9.41          | 2.50                                | 4.04        | 18.00                               | 12.37 |                                                             |
| 3941                                                       | Farm Bureau Rabbit Food<br>Pellets                           | 9.91          | 2.50                                | 3.61        | 18.00                               | 12.39 | Sulfaquinoxaline: Guar.,<br>0.025%; found, <u>0.0156%</u> . |
| FARMERS FEED CO.,<br>Brooklyn, N. Y.                       |                                                              |               |                                     |             |                                     |       |                                                             |
| 4284                                                       | "Bull Brand" Brewers Dried<br>Grains                         | 8.78          | 6.00                                | 7.38        | 17.00                               | 11.85 |                                                             |
| FLORIDA CITRUS CANNERS<br>COOPERATIVE, Lake<br>Wales, Fla. |                                                              |               |                                     |             |                                     |       |                                                             |
| 3684                                                       | Lake Wales Brand Dried<br>Citrus Pulp                        | 10.85         | 2.00                                | 2.68        | 16.00                               | 12.18 |                                                             |
| FRUEN MILLING CO.,<br>Minneapolis, Minn.                   |                                                              |               |                                     |             |                                     |       |                                                             |
| 3665                                                       | Fruen's All Purpose Thrift<br>Pellets                        | 10.31         | 4.50                                | <u>3.99</u> | 16.00                               | 15.39 |                                                             |
| GENERAL MILLS, INC.,<br>Minneapolis, Minn.                 |                                                              |               |                                     |             |                                     |       |                                                             |
| 3892                                                       | General Mills, Inc. Wheat<br>Bran-Ground Wheat<br>Screenings | 12.13         | 2.50                                | 4.97        | 13.00                               | 10.26 |                                                             |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                      | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                             |               | Guaran-<br>teed not<br>less<br>than | Found |
| 3782        | General Mills, Inc. Wheat Middlings-Ground Wheat Screenings | 11.11         | 15.00                               | 17.25 |
|             | GOLDEN GEM GROWERS, INC., Umatilla, Fla.                    |               |                                     |       |
| 3605        | Golden Gems Sweet Dried Citrus Pulp                         | 9.73          | 6.00                                | 6.00  |
|             | THE GREAT ATLANTIC & PACIFIC TEA CO., INC., New York, N. Y. |               |                                     |       |
| 3883        | Daily Egg Laying Mash                                       | 10.26         | 20.00                               | 21.50 |
|             | GREAT STAR FLOUR MILLS LTD., St. Marys, Ontario, Canada     |               |                                     |       |
| 3505        | Great Star Bran                                             | 12.41         | 13.00                               | 15.75 |
| 3506        | Great Star Shorts                                           | 12.41         | 14.00                               | 16.00 |
|             | HALES & HUNTER CO., Chicago, Ill.                           |               |                                     |       |
| 4082        | Bran                                                        | 11.46         | ....                                | 16.00 |
| 4084        | Middlings                                                   | 11.31         | ....                                | 15.75 |
| 4085        | Pioneer Calf Starter                                        | 11.66         | 18.00                               | 18.00 |
| 4086        | Pioneer Dry & Freshening 540000                             | 12.04         | 12.00                               | 12.75 |
| 4114        | Pioneer Hog Developer Med.                                  | 10.44         | 14.00                               | 15.25 |
| 3732        | Pioneer Horse Feed                                          | 11.08         | 12.00                               | 13.00 |
| 3752        | Pioneer 14 Milker                                           | 12.08         | 14.00                               | 15.00 |
| 4081        | Pioneer 16 Milker 543400                                    | 6.06          | 16.00                               | 16.00 |
| 3753        | Pioneer 16 Milker Pellets                                   | 10.78         | 16.00                               | 16.00 |
| 3751        | Pioneer 16 Pelleted Flaked Dairy                            | 11.90         | 16.00                               | 16.00 |
| 4083        | Pioneer Production Dairy 16 543900                          | 11.99         | 16.00                               | 16.00 |

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat                                 |       | Fiber                               |       | Medicants                                        |
|-------------|------------------------|-------------------------------------|-------|-------------------------------------|-------|--------------------------------------------------|
|             |                        | Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |                                                  |
|             |                        | 3.50                                | 4.33  | 9.50                                | 3.31  |                                                  |
|             |                        | 2.50                                | 3.93  | 11.00                               | 10.90 |                                                  |
|             |                        | 3.00                                | 3.43  | 7.50                                | 6.55  |                                                  |
|             |                        | 3.50                                | 4.51  | 11.00                               | 9.30  |                                                  |
|             |                        | 5.00                                | 4.80  | 8.00                                | 5.80  |                                                  |
|             |                        | ....                                | 5.08  | ....                                | 10.02 |                                                  |
|             |                        | ....                                | 4.62  | ....                                | 8.03  |                                                  |
|             |                        | 2.50                                | 3.21  | 7.00                                | 5.77  |                                                  |
|             |                        | 2.50                                | 3.54  | 8.00                                | 7.09  |                                                  |
|             |                        | 3.00                                | 3.53  | 4.50                                | 3.99  | Arsanilic acid: Guar., 0.008%<br>found, 0.0095%. |
|             |                        | 2.50                                | 3.51  | 8.00                                | 7.07  |                                                  |
|             |                        | 2.50                                | 3.92  | 10.00                               | 7.25  |                                                  |
|             |                        | 2.50                                | 3.84  | 10.00                               | 9.29  |                                                  |
|             |                        | 2.50                                | 3.78  | 10.00                               | 9.73  |                                                  |
|             |                        | 2.50                                | 4.12  | 7.00                                | 6.81  |                                                  |
|             |                        | 2.50                                | 3.57  | 8.00                                | 7.70  |                                                  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                        | Mois-<br>ture | Protein<br>(N x 6.25)               |              |
|-------------|-----------------------------------------------|---------------|-------------------------------------|--------------|
|             |                                               |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 4454        | Pioneer Rabbit Pellets Med.<br>48100          | 10.36         | 16.00                               | 16.25        |
| 4356        | Pioneer Roughage Extender<br>60604AC          | 13.16         | ....                                | 10.00        |
| 3733        | Pioneer Sup-Pel Dairy<br>Supplement Pellets   | 9.76          | 18.00                               | <u>17.00</u> |
| 4009        | Pioneer Vig-R-Calf Milk<br>Replacer Medicated | 4.67          | 21.00                               | 21.25        |
| 3957        | Red Comb Broiler Finisher<br>0207 Medicated   | 11.46         | 19.00                               | 22.50        |
| 4373        | Red Comb Broiler Finisher<br>0207 Med. 020207 | 11.96         | 19.00                               | 21.00        |
| 4371        | Red Comb Broiler Starter<br>Medicated 000107  | 12.17         | 23.00                               | 26.00        |
| 4372        | Red Comb Chick Starter<br>Medicated 200006    | 11.24         | 20.00                               | 20.00        |
| 4080        | Red Comb Complete Grower<br>210000            | 11.30         | 15.00                               | 15.75        |
| 3955        | Red Comb Complete Grower<br>Medicated         | 11.80         | 15.00                               | 17.50        |
| 4115        | Red Comb Complete Layer<br>16 Med. 240109     | 10.26         | 16.00                               | 16.25        |
| 3956        | Red Comb Growing Mash<br>Medicated            | 10.51         | 18.00                               | 19.00        |
| 3745        | Red Comb Complete Layer<br>15 Medicated       | 10.26         | 15.00                               | 17.00        |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Fat | | Fiber | | Medicants |
|-------------|-------------------------------------|-------------|-------------------------------------|-------|--|
| | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| 4454 | 2.00 | 3.98 | 15.00 | 10.02 | Furazolidone: Guar., 0.0055%;
found, 0.0063%. |
| 4356 | .... | 3.62 | .... | 4.59 | |
| 3733 | 3.00 | 3.01 | 8.00 | 5.54 | |
| 4009 | 8.50 | 8.80 | 0.50 | 0.41 | Chlortetracycline hydrochlor-
ide: Guar., 100 gms/ton ;
found, 92.0 gms/ton. |
| 3957 | 5.00 | 5.14 | 3.50 | 2.89 | Amprolium: Guar., 0.0125%;
found, 0.0147%. Ethopabate:
Guar., 0.0004%; found,
0.00034%. |
| 4373 | 5.00 | 5.64 | 3.50 | 2.90 | Amprolium: Guar., 0.0125%;
found, 0.0142%. Ethopabate:
Guar., 0.0004%; found,
0.00044%. |
| 4371 | 5.00 | <u>4.11</u> | 3.50 | 3.34 | Amprolium: Guar., 0.0125%;
found, 0.0103%. Ethopabate:
Guar., 0.0004%; found,
0.00034%. |
| 4372 | 3.50 | 4.53 | 6.00 | 4.79 | Amprolium: Guar., 0.008%;
found, 0.0093%. |
| 4080 | 3.00 | 4.14 | 7.00 | 5.38 | |
| 3955 | 3.00 | 4.03 | 7.00 | 3.44 | Amprolium: Guar., 0.008%;
found, 0.0094%. |
| 4115 | 3.50 | 3.76 | 5.50 | 3.92 | Arsanilic acid: Guar., 0.010%;
found, 0.0098%. |
| 3956 | 3.50 | 3.73 | 8.00 | 5.86 | Amprolium: Guar., 0.0160%;
found, 0.0190%. |
| 3745 | 3.50 | 3.90 | 5.50 | 3.70 | Arsanilic acid: Guar., 0.01%;
found, 0.0101%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 4455 | Red Comb-Pioneer Wormer
275057 | 10.73 | 20.00 | 20.00 |
| 4357 | Red Comb Scratch Feed
270000 | 12.88 | 9.00 | 9.25 |
| 4010 | Red Comb Sup-Pel Medicated
Poultry Supplement | 10.46 | 20.00 | 20.25 |
| 4355 | Red Comb Turkey Finisher
14 321000 | 12.00 | 14.00 | 15.75 |
| 3750 | Red Comb Turkey Grower
20 (Pellets) | 11.66 | 20.00 | 21.75 |
| | HAYWARD, INC., Oak
Harbor, Ohio | | | |
| 3546 | Hayward's H Dehydrated
Alfalfa Meal | 9.54 | 17.00 | 17.75 |
| | H. P. HOOD & SONS, INC.,
Dunedin, Fla. | | | |
| 3828 | Hood Citrus Pulp | 11.05 | 6.00 | 6.00 |
| | E. C. & W. L. HOPKINS,
INC., Greenfield, N.H. | | | |
| 3701 | Granite State Rabbit Pellets | 9.50 | 18.00 | 19.25 |
| 3570 | Produlac | 10.96 | .... | 27.00 |
| 3696 | Special 16% Dairy Pellets
(VAIDA) | 10.24 | 16.00 | 16.50 |
| | ILLINOIS CEREAL MILLS,
INC., Paris, Ill. | | | |
| 3801 | Hominy Feed | 11.37 | 10.00 | 11.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat                                 |             | Fiber                               |       | Medicants                                                                      |
|-------------|------------------------|-------------------------------------|-------------|-------------------------------------|-------|--------------------------------------------------------------------------------|
|             |                        | Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                |
|             |                        | 3.00                                | 3.73        | 5.00                                | 3.97  | Piperazine hydrochloride:<br>Guar., 0.4%; found,<br>0.33%.                     |
|             |                        | 2.00                                | 3.93        | 5.00                                | 3.15  |                                                                                |
|             |                        | 4.00                                | 4.29        | 6.50                                | 4.32  | Oxytetracycline hydrochlor-<br>ide: Guar., 100 gms/ton;<br>found, 116 gms/ton. |
|             |                        | 2.50                                | 5.36        | 4.50                                | 3.19  |                                                                                |
|             |                        | 2.50                                | 4.56        | 6.00                                | 4.06  |                                                                                |
|             |                        |                                     |             |                                     |       |                                                                                |
|             |                        | 1.75                                | 3.46        | 27.00                               | 19.36 |                                                                                |
|             |                        |                                     |             |                                     |       |                                                                                |
|             |                        | 2.70                                | <u>2.00</u> | 15.00                               | 11.47 |                                                                                |
|             |                        |                                     |             |                                     |       |                                                                                |
|             |                        | 3.00                                | 3.92        | 13.00                               | 12.28 |                                                                                |
|             |                        | ....                                | 8.64        | ....                                | 6.62  |                                                                                |
|             |                        | ....                                | 3.96        | ....                                | 8.45  |                                                                                |
|             |                        |                                     |             |                                     |       |                                                                                |
|             |                        | 5.00                                | 6.38        | 6.00                                | 4.32  |                                                                                |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                  | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                         |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | INDUSTRIAL MOLASSES<br>CORP., Leonia, N.J.                              |               |                                     |       |
| 3775        | Dried Beet Pulp                                                         | 10.50         | 7.00                                | 9.25  |
|             | INTERNATIONAL CHEESE<br>CO., INC., Hinesburg, Vt.                       |               |                                     |       |
| 4078        | Dried Whole Whey                                                        | 5.00          | 11.00                               | 12.75 |
|             | INTERNATIONAL MILLING<br>CO., INC., Minneapolis,<br>Minn.               |               |                                     |       |
| 3911        | Blackhawk Wheat Bran--<br>Ground Mixed Screenings                       | 12.46         | 13.50                               | 17.00 |
| 3767        | Blackhawk Wheat Middlings-<br>Ground Mixed Screenings                   | 11.86         | 14.00                               | 16.00 |
|             | INTER-STATE COMMODI-<br>TIES, INC., Troy, N.Y.                          |               |                                     |       |
| 1698        | Brewers Dried Grains                                                    | 8.61          | 26.00                               | 30.25 |
|             | KELLOGG COMPANY,<br>Battle Creek, Mich.                                 |               |                                     |       |
| 4335        | Kellogg's Hominy Feed                                                   | 10.69         | 9.50                                | 12.00 |
|             | KELLOGG CO. of CANADA,<br>LTD., London, Ontario,<br>Canada              |               |                                     |       |
| 3687        | Kellogg's Hominy Feed                                                   | 10.50         | 10.00                               | 11.25 |
|             | SPENCER KELLOGG DIV. of<br>TEXTRON INC., Minnea-<br>polis, Minn.        |               |                                     |       |
| 3544        | Spencer Kellogg's 31% Protein<br>Old Process (Expeller)<br>Linseed Meal | 12.31         | 31.00                               | 34.50 |

INSPECTION OF 1964

| Station No. | Manufacturer and brand                                                  | Fat                                 |       | Fiber                               |       | Medicants |
|-------------|-------------------------------------------------------------------------|-------------------------------------|-------|-------------------------------------|-------|-----------|
|             |                                                                         | Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found |           |
|             | INDUSTRIAL MOLASSES<br>CORP., Leonia, N.J.                              |                                     |       |                                     |       |           |
| 3775        | Dried Beet Pulp                                                         | 0.30                                | 0.73  | 22.50                               | 19.60 |           |
|             | INTERNATIONAL CHEESE<br>CO., INC., Hinesburg, Vt.                       |                                     |       |                                     |       |           |
| 4078        | Dried Whole Whey                                                        | ....                                | ....  | 0.50                                | 0.36  |           |
|             | INTERNATIONAL MILLING<br>CO., INC., Minneapolis,<br>Minn.               |                                     |       |                                     |       |           |
| 3911        | Blackhawk Wheat Bran--<br>Ground Mixed Screenings                       | 2.50                                | 4.47  | 12.00                               | 10.62 |           |
| 3767        | Blackhawk Wheat Middlings-<br>Ground Mixed Screenings                   | 3.00                                | 4.51  | 9.50                                | 9.38  |           |
|             | INTER-STATE COMMODI-<br>TIES, INC., Troy, N.Y.                          |                                     |       |                                     |       |           |
| 1698        | Brewers Dried Grains                                                    | ....                                | 5.50  | ....                                | 14.90 |           |
|             | KELLOGG COMPANY,<br>Battle Creek, Mich.                                 |                                     |       |                                     |       |           |
| 4335        | Kellogg's Hominy Feed                                                   | 6.50                                | 6.54  | 4.50                                | 4.85  |           |
|             | KELLOGG CO. of CANADA,<br>LTD., London, Ontario,<br>Canada              |                                     |       |                                     |       |           |
| 3687        | Kellogg's Hominy Feed                                                   | 9.00                                | 9.46  | 4.50                                | 4.16  |           |
|             | SPENCER KELLOGG DIV. of<br>TEXTRON INC., Minnea-<br>polis, Minn.        |                                     |       |                                     |       |           |
| 3544        | Spencer Kellogg's 31% Protein<br>Old Process (Expeller)<br>Linseed Meal | 3.50                                | 3.34  | 11.00                               | 7.89  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                                                 | Manufacturer and brand                                                         | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|                                                                             |                                                                                |               | Guaran-<br>teed not<br>less<br>than | Found |
| KEYSTONE DEHYDRATORS,<br>Nazareth, Penn.                                    |                                                                                |               |                                     |       |
| 3643                                                                        | Keystone Super Green Dehy.<br>Alfalfa Meal-Ethoxyquin                          | 7.99          | 17.00                               | 17.00 |
| KRAFT FOODS, Division of<br>National Dairy Products<br>Corp., Chicago, Ill. |                                                                                |               |                                     |       |
| 4305                                                                        | Kaff-A Feed Booster Pellets<br>for Heifer, Cows, Beef<br>Cattle, Lambs & Sheep | 9.12          | 26.00                               | 27.50 |
| 4216                                                                        | Kaff-A Milk Replacer for<br>Calves Medicated                                   | 5.41          | 22.00                               | 23.75 |
| KRAUSE MILLING CO.,<br>Milwaukee, Wis.                                      |                                                                                |               |                                     |       |
| 3816                                                                        | Badger Yellow Hominy Feed                                                      | 11.39         | 10.00                               | 11.00 |
| KUDER PULP SALES CO.,<br>Lake Alfred, Fla.                                  |                                                                                |               |                                     |       |
| 3612                                                                        | Kuder Dried Citrus Pulp,<br>High Sugar                                         | 9.39          | 6.00                                | 6.00  |
| LAUHOFF GRAIN CO.,<br>Danville, Ill.                                        |                                                                                |               |                                     |       |
| 3674                                                                        | Vermilion Hominy Feed                                                          | 11.73         | 9.00                                | 11.06 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat | | Fiber | | Medicants |
|-------------|--|-------------------------------------|-------|-------------------------------------|--------------|---|
| | | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| 3643 | Keystone Super Green Dehy.
Alfalfa Meal-Ethoxyquin | 2.00 | 2.88 | 27.00 | <u>28.14</u> | |
| 4305 | Kaff-A Feed Booster Pellets
for Heifer, Cows, Beef
Cattle, Lambs & Sheep | 4.50 | 8.06 | 3.50 | 2.92 | |
| 4216 | Kaff-A Milk Replacer for
Calves Medicated | 13.00 | 14.71 | 2.00 | 0.77 | Chlortetracycline hydrochlor-
ide: Guar., 35 gms/ton ; not
determined. Oxytetracycline
hydrochloride: Guar., 35
gms/ton ; not determined. |
| 3816 | Badger Yellow Hominy Feed | 5.00 | 7.37 | 6.00 | 4.43 | |
| 3612 | Kuder Dried Citrus Pulp,
High Sugar | 2.50 | 2.42 | 15.00 | 12.33 | |
| 3674 | Vermilion Hominy Feed | 5.00 | 5.90 | 6.00 | 4.22 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|--------------|
| | | | Guaran-
teed not
less
than | Found |
| | THE LIBNER GRAIN CO.,
Norwalk, Conn. | | | |
| 3595 | Libner's Blue Ribbon Horse &
Calf Ration | 11.84 | 10.50 | 12.25 |
| | LOCKWOOD NUTRITION
SERVICE, INC., Grain &
Flour Exchange, Boston,
Mass. | | | |
| 4321 | Doughnut Mix | 7.64 | .... | 10.00 |
| | MACHNICKI'S GRAIN STORE,
Jewett City, Conn. | | | |
| 3566 | Machnicki's Hi-Energy All
Mash Layer | 11.78 | 15.00 | 15.75 |
| 4319 | Machnicki's Special 16%
Dairy Pellets | 10.52 | 16.00 | 16.00 |
| | THE MANITOBA SUGAR CO.,
LTD., Winnipeg, Manitoba,
Canada | | | |
| 3849 | Plain Dried Beet Pulp | 10.91 | 7.00 | 8.75 |
| | MAXON MILLS, INC.,
Wassaic, N. Y. | | | |
| 4234 | Maxon 16% Test | 12.81 | 16.00 | 16.00 |
| 4235 | Maxon 18% Test | 12.91 | 18.00 | <u>16.50</u> |
| | MINER-HILLARD MILLING
CO., Wilkes Barre, Penn. | | | |
| 3571 | Choice Steam Cooked Hominy
Feed | 10.91 | 10.00 | 11.50 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand                                                           | Fat                                 |       | Fiber                               |             | Medicants |
|-------------|----------------------------------------------------------------------------------|-------------------------------------|-------|-------------------------------------|-------------|-----------|
|             |                                                                                  | Guaran-<br>teed not<br>less<br>than | Found | Guaran-<br>teed not<br>more<br>than | Found       |           |
|             | THE LIBNER GRAIN CO.,<br>Norwalk, Conn.                                          |                                     |       |                                     |             |           |
| 3595        | Libner's Blue Ribbon Horse &<br>Calf Ration                                      | 3.50                                | 4.21  | 7.00                                | <u>8.02</u> |           |
|             | LOCKWOOD NUTRITION<br>SERVICE, INC., Grain &<br>Flour Exchange, Boston,<br>Mass. |                                     |       |                                     |             |           |
| 4321        | Doughnut Mix                                                                     | ....                                | 9.54  | ....                                | 0.36        |           |
|             | MACHNICKI'S GRAIN STORE,<br>Jewett City, Conn.                                   |                                     |       |                                     |             |           |
| 3566        | Machnicki's Hi-Energy All<br>Mash Layer                                          | 3.50                                | 3.71  | 4.00                                | 4.08        |           |
| 4319        | Machnicki's Special 16%<br>Dairy Pellets                                         | 4.00                                | 4.71  | 8.00                                | 7.65        |           |
|             | THE MANITOBA SUGAR CO.,<br>LTD., Winnipeg, Manitoba,<br>Canada                   |                                     |       |                                     |             |           |
| 3849        | Plain Dried Beet Pulp                                                            | 0.30                                | 2.01  | 22.50                               | 19.55       |           |
|             | MAXON MILLS, INC.,<br>Wassaic, N. Y.                                             |                                     |       |                                     |             |           |
| 4234        | Maxon 16% Test                                                                   | 4.00                                | 3.96  | 9.00                                | 6.25        |           |
| 4235        | Maxon 18% Test                                                                   | 4.00                                | 8.27  | 9.00                                | 5.24        |           |
|             | MINER-HILLARD MILLING<br>CO., Wilkes Barre, Penn.                                |                                     |       |                                     |             |           |
| 3571        | Choice Steam Cooked Hominy<br>Feed                                               | 5.00                                | 5.81  | 5.00                                | 4.24        |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                          | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-----------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                 |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | MINNESOTA LINSEED OIL<br>CO., Minneapolis, Minn.                |               |                                     |       |
| 3602        | Minnesota Solvent Extracted<br>Linseed Meal 32% Protein         | 11.67         | 32.00                               | 33.25 |
|             | MOLSON'S BREWERY (ONT.)<br>LTD., Toronto, Canada                |               |                                     |       |
| 3691        | Molson's Brewers Dried<br>Grains                                | 9.10          | 24.00                               | 25.13 |
|             | GEO. Q. MOON & CO.,<br>INC., Binghamton, N. Y.                  |               |                                     |       |
| 4163        | Moon Rabbit Pellets                                             | 9.81          | 15.00                               | 16.75 |
| 4164        | Moon Scratch Feed                                               | 11.47         | 9.00                                | 10.00 |
|             | MOWAT, WILSON & CO.,<br>Detroit, Mich.                          |               |                                     |       |
| 3503        | Dried Beet Pulp                                                 | 11.97         | 7.00                                | 9.50  |
|             | MT. VERNON MILLING<br>CO., Mt. Vernon, Ind.                     |               |                                     |       |
| 3718        | Sunlite Hominy Feed                                             | 8.92          | 10.00                               | 11.25 |
|             | MURPHY GRAIN & MILLING<br>CO., Owensboro, Ky.                   |               |                                     |       |
| 3863        | Airolite Hominy Feed                                            | 10.00         | 9.00                                | 9.75  |
|             | NATIONAL ALFALFA DEHY-<br>DRATING & MILLING CO.,<br>Lamar, Col. |               |                                     |       |
| 3711        | Jack Rabbit 15% Protein<br>Dehy. Alfalfa Meal                   | 5.62          | 15.00                               | 16.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat | | Fiber | | Medicants |
|-------------|---|-------------------------------------|-------------|-------------------------------------|--------------|-----------|
| | | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| | MINNESOTA LINSEED OIL
CO., Minneapolis, Minn. | | | | | |
| 3602 | Minnesota Solvent Extracted
Linseed Meal 32% Protein | 0.50 | 2.22 | 11.00 | 9.51 | |
| | MOLSON'S BREWERY (ONT.)
LTD., Toronto, Canada | | | | | |
| 3691 | Molson's Brewers Dried
Grains | 7.00 | <u>6.05</u> | 14.50 | <u>15.30</u> | |
| | GEO. Q. MOON & CO.,
INC., Binghamton, N. Y. | | | | | |
| 4163 | Moon Rabbit Pellets | 2.50 | 3.78 | 12.00 | 11.27 | |
| 4164 | Moon Scratch Feed | 2.00 | 3.32 | 5.00 | 4.64 | |
| | MOWAT, WILSON & CO.,
Detroit, Mich. | | | | | |
| 3503 | Dried Beet Pulp | 0.30 | 1.01 | 22.50 | 19.85 | |
| | MT. VERNON MILLING
CO., Mt. Vernon, Ind. | | | | | |
| 3718 | Sunlite Hominy Feed | 5.00 | 6.41 | 6.00 | 4.66 | |
| | MURPHY GRAIN & MILLING
CO., Owensboro, Ky. | | | | | |
| 3863 | Airolite Hominy Feed | 6.00 | 7.35 | 6.00 | 3.88 | |
| | NATIONAL ALFALFA DEHY-
DRATING & MILLING CO.,
Lamar, Col. | | | | | |
| 3711 | Jack Rabbit 15% Protein
Dehy. Alfalfa Meal | 1.50 | 3.38 | 30.00 | 27.62 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Protein
(N x 6.25) | | |
|-------------|---|-----------------------|-------------------------------------|-------|
| | | Mois-
ture | Guaran-
teed not
less
than | Found |
| | NATIONAL ALFALFA DEHY-
DRATING & MILLING CO.,
Kansas City, Mo. | | | |
| 3882 | National Pro 17 17% Dehy.
Alfalfa Meal | 7.76 | 17.00 | 18.00 |
| | NATIONAL BISCUIT CO.,
(Toledo Mill), Toledo,
Ohio | | | |
| 3590 | Pure Wheat Bran | 11.96 | 13.00 | 13.00 |
| | NATIONAL DISTILLERS
PRODUCTS CO., Div. of
National Distillers &
Chemical Corp., New
York, N. Y. | | | |
| 4313 | Produlac Brand Corn Dis-
tillers Dried Solubles--
Grains | 8.56 | 25.00 | 27.50 |
| | NORTHERN OHIO SUGAR
CO., Findlay, Ohio | | | |
| 3704 | GW Dried Beet Pulp | 10.31 | 8.00 | 9.75 |
| | OGDEN GRAIN CO.,
Utica, N. Y. | | | |
| 4067 | C. L. Special 16 | 11.38 | 16.00 | 17.00 |
| 3631 | Delaware Middlesex All-
Mash Layer | 11.40 | 16.00 | 16.25 |
| 4064 | Distillers | 9.86 | .... | 25.50 |
| 4105 | Eastern Conn. Grain Asso-
ciates Chick Starter
Mash Medicated | 10.14 | 20.00 | 20.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand                                                                                      | Fat                                 |             | Fiber                               |             | Medicants                                     |
|-------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------|-------------------------------------|-------------|-----------------------------------------------|
|             |                                                                                                             | Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found       |                                               |
|             | NATIONAL ALFALFA DEHY-<br>DRATING & MILLING CO.,<br>Kansas City, Mo.                                        |                                     |             |                                     |             |                                               |
| 3882        | National Pro 17 17% Dehy.<br>Alfalfa Meal                                                                   | 1.50                                | 3.69        | 27.00                               | 23.53       |                                               |
|             | NATIONAL BISCUIT CO.,<br>(Toledo Mill), Toledo,<br>Ohio                                                     |                                     |             |                                     |             |                                               |
| 3590        | Pure Wheat Bran                                                                                             | 3.00                                | 4.31        | 10.00                               | 8.92        |                                               |
|             | NATIONAL DISTILLERS<br>PRODUCTS CO., Div. of<br>National Distillers &<br>Chemical Corp., New<br>York, N. Y. |                                     |             |                                     |             |                                               |
| 4313        | Produlac Brand Corn Dis-<br>tillers Dried Solubles--<br>Grains                                              | 8.00                                | 9.79        | 9.00                                | 7.13        |                                               |
|             | NORTHERN OHIO SUGAR<br>CO., Findlay, Ohio                                                                   |                                     |             |                                     |             |                                               |
| 3704        | GW Dried Beet Pulp                                                                                          | ....                                | ....        | 22.50                               | 18.88       |                                               |
|             | OGDEN GRAIN CO.,<br>Utica, N. Y.                                                                            |                                     |             |                                     |             |                                               |
| 4067        | C. L. Special 16                                                                                            | 3.50                                | <u>2.91</u> | 8.50                                | <u>2.62</u> |                                               |
| 3631        | Delaware Middlesex All-<br>Mash Layer                                                                       | 4.00                                | 5.06        | 4.00                                | 4.51        |                                               |
| 4064        | Distillers                                                                                                  | ....                                | 8.37        | ....                                | 10.01       |                                               |
| 4105        | Eastern Conn. Grain Asso-<br>ciates Chick Starter<br>Mash Medicated                                         | 3.00                                | 3.94        | 4.50                                | 4.21        | Amprolium: Guar., 0.0125%;<br>found, 0.0109%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                             | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|----------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                    |               | Guaran-<br>teed not<br>less<br>than | Found |
| 4075        | Eastern Conn. Grain Asso-<br>ciates Growing Mash   | 11.44         | 15.00                               | 15.25 |
| 3708        | Eastern Conn. Grain Asso-<br>ciates Recycler No. 2 | 10.55         | 17.00                               | 16.25 |
| 3707        | 14% Grain Ration                                   | 11.01         | 14.00                               | 15.50 |
| 4068        | Ogden Complete Grower                              | 10.24         | 16.00                               | 18.50 |
| 3632        | Ogden Davis Dairy Pellets                          | 11.02         | 16.00                               | 16.00 |
| 3630        | Ogden Doc 16% Dairy                                | 10.79         | 16.00                               | 18.25 |
| 3709        | Ogden Doc 20% Dairy                                | 10.72         | 20.00                               | 21.75 |
| 4113        | Ogden Hi-Energy Laying<br>Medicated                | 9.62          | 16.00                               | 16.00 |
| 4061        | Ogden 16% Hi-Kal Dairy<br>Pellets                  | 10.31         | 16.00                               | 18.50 |
| 4066        | Ogden 18% Hi-Kal Dairy<br>Pellets                  | 9.78          | 18.00                               | 20.50 |
| 3638        | Ogden Horse Feed                                   | 12.81         | 10.00                               | 13.50 |
| 3634        | Ogden Life Span 15                                 | 11.61         | 15.00                               | 16.75 |
| 4097        | Ogden Medicated Complete<br>Calf Starter           | 12.06         | 18.00                               | 19.50 |
| 4073        | Ogden Milk Replacer                                | 4.78          | 21.00                               | 22.25 |
| 4060        | Ogden Old Reliable 16 Dairy<br>Ration              | 11.56         | 16.00                               | 16.00 |
| 4063        | Ogden Premium Dry &<br>Freshening Ration           | 11.44         | 14.00                               | 15.00 |
| 4059        | Ogden Premium 16 Hi-<br>Energy Dairy Pellets       | 10.50         | 16.00                               | 18.63 |
| 4035        | Ogden Premium 16 Pel-<br>Flake                     | 12.27         | 16.00                               | 17.50 |
| 3635        | Ogden Premium 18 Pel-<br>Flake                     | 11.96         | 18.00                               | 18.00 |
| 4065        | Ogden Premium Test Cow<br>16                       | 11.31         | 16.00                               | 18.00 |
| 4033        | Ogden Premium Test Cow<br>18                       | 11.13         | 18.00                               | 20.00 |
| 4031        | Ogden Rabbit Pellets                               | 10.15         | 18.00                               | 17.25 |
| 3633        | Ogden R.S. 10 Roughage<br>Supplement               | 10.54         | 10.00                               | 11.00 |
| 4032        | Ogden Scratch Grains                               | 11.81         | 9.00                                | 9.50  |
| 4053        | Ogden Super Hi-Energy<br>Laying                    | 9.46          | 20.00                               | 20.25 |
| 3710        | Super 16% Dairy Ration                             | 11.42         | 16.00                               | 16.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat | | Fiber | | Medicants |
|-------------|--|-------------------------------------|-------|-------------------------------------|-------|---|
| | | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| 4075 | Eastern Conn. Grain Asso-
ciates Growing Mash | 3.00 | 3.89 | 4.50 | 4.53 | |
| 3708 | Eastern Conn. Grain Asso-
ciates Recycler No. 2 | 4.00 | 4.91 | 4.00 | 3.21 | |
| 3707 | 14% Grain Ration | 3.50 | 4.04 | 7.00 | 6.39 | |
| 4068 | Ogden Complete Grower | 3.50 | 3.58 | 4.00 | 5.31 | |
| 3632 | Ogden Davis Dairy Pellets | 3.00 | 3.53 | 9.00 | 8.27 | |
| 3630 | Ogden Doc 16% Dairy | 4.00 | 3.61 | 8.00 | 11.87 | |
| 3709 | Ogden Doc 20% Dairy | 3.50 | 3.80 | 8.00 | 8.10 | |
| 4113 | Ogden Hi-Energy Laying
Medicated | 4.00 | 4.11 | 4.00 | 3.92 | Arsanilic acid: Guar.,
0.0100%; found, 0.0081%. |
| 4061 | Ogden 16% Hi-Kal Dairy
Pellets | 4.00 | 4.12 | 8.00 | 7.84 | |
| 4066 | Ogden 18% Hi-Kal Dairy
Pellets | 4.00 | 3.74 | 8.00 | 7.87 | |
| 3638 | Ogden Horse Feed | 3.00 | 3.01 | 9.00 | 6.25 | |
| 3634 | Ogden Life Span 15 | 3.50 | 3.08 | 7.00 | 7.71 | |
| 4097 | Ogden Medicated Complete
Calf Starter | 3.00 | 2.91 | 7.00 | 6.48 | Chlortetracycline hydrochlor-
ide: Guar., 0.025 gms/lb.;
found, 0.024%. |
| 4073 | Ogden Milk Replacer | 8.50 | 8.24 | 0.50 | 0.55 | |
| 4060 | Ogden Old Reliable 16 Dairy
Ration | 3.00 | 3.44 | 9.00 | 8.59 | |
| 4063 | Ogden Premium Dry &
Freshening Ration | 3.50 | 3.12 | 8.00 | 7.35 | |
| 4059 | Ogden Premium 16 Hi-
Energy Dairy Pellets | 3.50 | 3.60 | 6.50 | 7.17 | |
| 4035 | Ogden Premium 16 Pel-
Flake | 4.00 | 3.63 | 8.00 | 7.25 | |
| 3635 | Ogden Premium 18 Pel-
Flake | 4.00 | 3.77 | 8.00 | 7.35 | |
| 4065 | Ogden Premium Test Cow
16 | 3.50 | 3.19 | 8.00 | 8.13 | |
| 4033 | Ogden Premium Test Cow
18 | 3.50 | 3.24 | 8.00 | 8.52 | |
| 4031 | Ogden Rabbit Pellets | 3.00 | 3.67 | 12.00 | 8.72 | |
| 3633 | Ogden R.S. 10 Roughage
Supplement | 2.00 | 2.37 | 20.00 | 11.74 | |
| 4032 | Ogden Scratch Grains | 3.00 | 3.61 | 6.00 | 3.48 | |
| 4053 | Ogden Super Hi-Energy
Laying | 4.50 | 4.54 | 4.00 | 4.55 | |
| 3710 | Super 16% Dairy Ration | 3.50 | 4.11 | 8.00 | 6.74 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|--|--|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| THE OGILVIE FLOUR MILLS
CO., LTD., Montreal,
Canada | | | | |
| 3585 | Ogilvie Wheat Bran | 11.09 | 15.00 | 17.00 |
| PARRISH & HEIMBECKER,
LTD., Toronto, Ontario,
Canada | | | | |
| 4154 | Parrheim Pure Wheat Bran | 12.44 | 14.00 | 15.75 |
| 3621 | "Parrheim" Pure Wheat
Shorts | 11.88 | 14.00 | 17.00 |
| CHAS. PFIZER & CO., INC.,
New York 17, N. Y. | | | | |
| 3640 | Pfizer Vigofac-6 fermenta-
tion Product | 10.00 | 14.00 | 22.50 |
| PIERCE GRAIN CORP.,
Buffalo, N. Y. | | | | |
| 3700 | Reliance Coarse Calf Meal | 11.06 | 20.00 | 21.25 |
| 3695 | Reliance Horse Feed For-
tified | 12.69 | 11.00 | 11.75 |
| 3694 | Sweet Sweet Mix | 11.50 | 6.00 | 9.50 |
| PILLSBURY CANADA LTD.,
Midland, Ontario, Canada | | | | |
| 4165 | Dandy Wheat Bran | 11.21 | 14.00 | 16.50 |
| 4334 | Dandy Wheat Shorts | 11.05 | 15.00 | 17.50 |
| PITTSBURGH BREWING CO.,
Pittsburgh, Penn. | | | | |
| 4279 | Iron City Brewers Dried
Grains | 6.29 | 24.00 | 28.75 |

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Fat | | Fiber | | Medicants |
|--|--|-------------------------------------|-------|-------------------------------------|-------|-----------|
| | | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| THE OGILVIE FLOUR MILLS
CO., LTD., Montreal,
Canada | | | | | | |
| 3585 | Ogilvie Wheat Bran | 3.50 | 5.24 | 12.00 | 11.78 | |
| PARRISH & HEIMBECKER,
LTD., Toronto, Ontario,
Canada | | | | | | |
| 4154 | Parrheim Pure Wheat Bran | 3.50 | 4.59 | 11.50 | 10.60 | |
| 3621 | "Parrheim" Pure Wheat
Shorts | 3.50 | 5.13 | 8.00 | 7.35 | |
| CHAS. PFIZER & CO., INC.,
New York 17, N. Y. | | | | | | |
| 3640 | Pfizer Vigofac-6 fermenta-
tion Product | 0.50 | 0.72 | 8.00 | 4.97 | |
| PIERCE GRAIN CORP.,
Buffalo, N. Y. | | | | | | |
| 3700 | Reliance Coarse Calf Meal | 3.00 | 3.90 | 8.00 | 6.75 | |
| 3695 | Reliance Horse Feed For-
tified | 3.00 | 3.26 | 8.00 | 6.33 | |
| 3694 | Sweet Sweet Mix | 1.00 | 2.30 | 12.00 | 12.10 | |
| PILLSBURY CANADA LTD.,
Midland, Ontario, Canada | | | | | | |
| 4165 | Dandy Wheat Bran | 3.50 | 5.07 | 11.50 | 10.00 | |
| 4334 | Dandy Wheat Shorts | 4.00 | 5.03 | 8.00 | 6.26 | |
| PITTSBURGH BREWING CO.,
Pittsburgh, Penn. | | | | | | |
| 4279 | Iron City Brewers Dried
Grains | 6.00 | 0.91 | 18.00 | 12.61 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|---|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| THE QUAKER OATS CO.,
Chicago, Ill. | | | | |
| 3597 | Ful-O-Pep Derwood Horse
Crunch | 10.01 | 15.00 | 15.75 |
| 3604 | Yellow Hominy Feed S | 11.39 | 10.00 | 11.25 |
| THE QUAKER OATS CO. of
CANADA LTD., Peter-
borough, Ontario, Canada | | | | |
| 3689 | Hominy Feed | 9.31 | 9.00 | 10.25 |
| RALSTON PURINA CO.,
St. Louis, Mo. | | | | |
| 4034 | Crimped Whole Oats &
Molasses A902 | 11.47 | 11.00 | 10.50 |
| 3851 | Northeastern Scratch Feed
6735 | 13.09 | 9.00 | 9.25 |
| 3886 | 41% Protein Solvent Ex-
tracted Cottonseed Meal | 9.73 | 41.00 | 40.50 |
| 4020 | 44% Protein Solvent Ex-
tracted Soybean Meal | 11.31 | 44.00 | 44.00 |
| 3603 | 34% Protein (Solvent Pro-
cess) Linseed Oil Meal | 12.21 | 34.00 | 34.00 |
| 3607 | Purina B & M Cow Chow
1432 | 13.59 | 16.00 | 16.00 |
| 3951 | Purina Broiler Chow
Finisher No. 1 MP Med.
7207 | 10.06 | 20.00 | 21.50 |
| 3952 | Purina Broiler Chow Starter
MP Medicated 7009 | 10.42 | 23.00 | 23.75 |
| 4408 | Purina Broiler Chow Starter
NC Medicated 7003 | 11.26 | 23.00 | 24.75 |

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|---|
| | | | | |
| 5.00 | 6.56 | 7.00 | 4.32 | |
| 6.00 | 8.34 | 7.00 | 4.59 | |
| 4.00 | 5.41 | 12.00 | 8.84 | |
| 2.00 | 3.17 | 5.00 | 3.88 | |
| 1.00 | 2.81 | 14.00 | 12.37 | |
| 0.50 | 1.39 | 7.00 | 6.37 | |
| 0.50 | 2.18 | 9.50 | 8.68 | |
| 2.50 | 2.61 | 10.00 | 5.54 | |
| 4.50 | 8.66 | 4.50 | 2.64 | Amprolium: Guar., 0.0125%;
found, 0.0102%. Ethopabate:
Guar., 0.0004%; found,
0.00042%. |
| 4.50 | 7.14 | 4.50 | 1.23 | Amprolium: Guar., 0.0125%;
found, 0.0106%. Ethopabate:
Guar., 0.0004%; found,
0.00043%. |
| 4.50 | 5.98 | 4.50 | 2.16 | 3-Nitro-4-hydroxyphenylar-
sonic acid: Guar., 0.0050%;
found, 0.0053%. Nicarbazine:
Guar., 0.0125%; found,
0.0136%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|---|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 3979 | Purina Bulky Las 1960 M | 13.35 | 10.00 | 10.75 |
| 4336 | Purina Calf Startena 1014 | 10.65 | 19.50 | 20.25 |
| 3984 | Purina Calf Startena (Coarse)
1012 | 11.57 | 19.50 | 19.50 |
| 4054 | Purina Chick Chow (Coarse)
6715 | 12.55 | 9.00 | 9.25 |
| 3853 | Purina Chick Chow (Fine)
6710 | 12.96 | 9.00 | 9.25 |
| 3855 | Purina Chick Growena 6101 | 10.78 | 17.00 | 17.00 |
| 4379 | Purina Chick Growena ZO
Medicated 6109 | 10.80 | 17.00 | 17.00 |
| 4375 | Purina Chick Starter (J)
ZO-V Medicated 6011 | 12.36 | 18.00 | 19.25 |
| 3981 | Purina Cow Chow D 16%
1420 C | 11.61 | 16.00 | 16.00 |
| 4332 | Purina Cow Chow D (B) 16%
1421 | 10.67 | 16.00 | 16.25 |
| 3885 | Purina Dairy Chow L 14%
(Coarse) 1468 | 9.96 | 14.00 | 15.00 |
| 3982 | Purina Dairy Chow L 16%
1472 C | 11.61 | 16.00 | 16.75 |
| 4220 | Purina .0023 Dienestrol
Diacetate Mixture in
Purina Roaster Chow NC
(7352) | 11.31 | 15.00 | 18.38 |
| 3606 | Purina D & F Chow (Coarse)
1101 | 11.88 | 12.50 | 12.88 |
| 4291 | Purina D & F Chow (Pellets)
1120 | 11.10 | 12.50 | 13.25 |
| 4295 | Purina Drouth Milk Chow
1585 | 12.12 | 16.00 | 16.75 |
| 3888 | Purina Duck Growena 8815 | 10.56 | 16.00 | 18.50 |
| 4023 | Purina Duck Startena 8801 C | 9.90 | 20.00 | 21.50 |
| 4021 | Purina Egg Chow T 6615 | 10.74 | 20.00 | 20.25 |
| 4331 | Purina Game Bird Breeder
Layena (Complete Ration)
5438 | 10.11 | 20.00 | 21.75 |
| 3986 | Purina Game Bird F & M
Chow 5431 C | 10.94 | 19.00 | 20.50 |
| 3890 | Purina Game Bird Finisher
5425 | 9.75 | 20.00 | 21.25 |

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|--|
| | | | | |
| 5.00 | 7.76 | 11.00 | 6.57 | |
| 2.50 | 3.71 | 8.00 | 6.38 | |
| 2.00 | 3.04 | 4.00 | 1.55 | |
| 2.00 | 4.56 | 4.00 | 1.77 | |
| 3.00 | 5.00 | 7.00 | 4.55 | |
| 3.00 | 3.93 | 7.00 | 3.68 | Zoalene: Guar., 0.0083%;
found, 0.0070%. |
| 3.00 | 4.52 | 6.00 | 4.45 | Zoalene: Guar., 0.0083%;
found, 0.0081%. |
| 2.50 | 3.63 | 6.00 | 5.42 | |
| 2.50 | 4.61 | 6.00 | 5.39 | |
| 2.50 | 4.29 | 10.00 | 9.48 | |
| 2.50 | 4.42 | 12.00 | 11.09 | |
| 4.00 | 8.55 | 4.50 | 2.58 | Nicarbazin: Guar., 0.0125%;
found, 0.0126%. Dienestrol
diacetate: Guar., 0.0023%;
found, 0.0023%. |
| 2.50 | 3.16 | 11.00 | 8.62 | |
| 2.50 | 3.60 | 11.00 | 9.30 | |
| 2.50 | 3.63 | 6.00 | 3.08 | |
| 3.00 | 3.69 | 5.00 | 3.45 | |
| 3.00 | 4.37 | 6.00 | 3.51 | |
| 3.00 | 3.54 | 7.00 | 4.92 | |
| 2.50 | 3.87 | 7.00 | 4.54 | |
| 2.00 | 3.81 | 12.00 | 6.42 | |
| 2.50 | 5.78 | 6.00 | 4.12 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 4111 | Purina Game Bird Startena
SQ Medicated 5420 | 9.56 | 30.00 | 32.00 |
| 4292 | Purina Goat Chow (Coarse)
5501 | 12.42 | 16.00 | 16.00 |
| 3987 | Purina Hen Chow D 6765 | 12.94 | 9.00 | 10.00 |
| 4401 | Purina Hog Finisher No. 1
Medicated 2210 | 12.04 | 14.00 | 14.00 |
| 3823 | Purina Horse Chow Checkers
3501 | 8.87 | 12.50 | 14.50 |
| 3852 | Purina Layena CF 6501 | 11.25 | 16.00 | 16.50 |
| 4451 | Purina Medicated Breeder
Eggena (NE) FZ No. 4
6445 | 12.25 | 16.00 | 16.00 |
| 4004 | Purina Medicated Breeder
Eggena (NE) HX2--
6448 | 10.37 | 16.00 | 16.75 |
| 2699 | Purina Medicated Chek-R-
Aid | 12.06 | 20.00 | 21.25 |
| 4017 | Purina Medicated Pig
Startena | 10.61 | 18.00 | 20.75 |
| 4022 | Purina Mink Developer
Concentrate | 9.44 | 18.00 | 19.50 |
| 4333 | Purina Milk Chow D 16%
1445 | 10.67 | 16.00 | 18.00 |
| 3608 | Purina Milk Chow D 16%
(Coarse) 1446 | 11.88 | 16.00 | 16.50 |
| 4288 | Purina Milk Chow D 20%
(Coarse) 1454 | 11.01 | 20.00 | 21.25 |
| 4289 | Purina Milk Chow D 20%
(Pellets) 1453 | 10.97 | 20.00 | 21.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                                                                                                   |
|-------------------------------------|--------------|-------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                                                                                                             |
| 3.00                                | 4.06         | 9.00                                | 6.32           |                                                                                                                                                                                             |
| 2.00                                | 3.18         | 5.00                                | 2.27           |                                                                                                                                                                                             |
| 2.50                                | 4.31         | 7.00                                | 3.57           | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0050%;<br>found, 0.0043%.                                                                                                                |
| 1.50                                | 3.43         | 25.00                               | 22.98          |                                                                                                                                                                                             |
| 3.50                                | 4.48         | 4.50                                | 3.39           |                                                                                                                                                                                             |
| 3.00                                | 4.62         | 4.50                                | 2.97           | Furazolidone: Guar.,<br>0.0220%; found, 0.0211%.                                                                                                                                            |
| 3.00                                | 4.29         | 4.50                                | 3.14           | Hygromycin B: Guar.,<br>0.006 gms/lb.; not detd.                                                                                                                                            |
| 4.50                                | ....         | 4.50                                | <u>5.81</u>    | Furazolidone: Guar., 0.011%;<br>not determined. Chlortetra-<br>cycline hydrochloride: Guar.,<br>50 gms/ton; found, 51.61<br>gms/ton. Oxytetracycline:<br>50 gms/ton; not determined.        |
| 4.00                                | 4.81         | 5.00                                | 3.83           | Sulfamethazine: Guar., 0.011%;<br>not determined. Penicillin:<br>Guar., 50 gms/ton; not<br>determined. Chlortetracyc-<br>line hydrochloride: Guar.,<br>100 gms/ton; found, 96.0<br>gms/ton. |
| 4.00                                | <u>3.24</u>  | 7.00                                | 6.32           |                                                                                                                                                                                             |
| 2.50                                | 4.17         | 9.00                                | 7.11           |                                                                                                                                                                                             |
| 2.50                                | 3.39         | 9.00                                | 6.68           |                                                                                                                                                                                             |
| 2.50                                | 3.72         | 9.00                                | 6.57           |                                                                                                                                                                                             |
| 2.50                                | 4.24         | 9.00                                | 7.46           |                                                                                                                                                                                             |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                              | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-----------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                     |               | Guaran-<br>teed not<br>less<br>than | Found |
| 3983        | Purina Milk Chow D (U) 16%<br>1433 C                | 12.17         | 16.00                               | 17.00 |
| 4029        | Purina Milk Chow D (U) 16%<br>(Coarse) 1434 M       | 10.80         | 16.00                               | 16.88 |
| 4330        | Purina Nursing Chow                                 | 6.17          | 25.00                               | 26.50 |
| 4014        | Purina Nursing Chow Med.                            | 4.91          | 22.00                               | 23.75 |
| 3850        | Purina Omolene 3505                                 | 13.32         | 10.00                               | 10.00 |
| 4294        | Purina Pigeon Chow Checkers<br>5405                 | 11.64         | 15.00                               | 15.00 |
| 3884        | Purina Pro-Lay Eggena 6580                          | 10.81         | 15.00                               | 15.75 |
| 4381        | Purina Pullet Developer (F)<br>ZO Medicated 6175    | 12.61         | 13.00                               | 14.25 |
| 3889        | Purina Rabbit Chow Checkers<br>5301                 | 9.74          | 15.00                               | 15.00 |
| 3985        | Purina Rabbit Chow Checkers<br>(20%) 5325 C         | 9.77          | 20.00                               | 20.00 |
| 4450        | Purina Rabbit Chow Checkers<br>FZ SQ Medicated 5310 | 10.06         | 15.00                               | 15.50 |
| 3825        | Purina Rabbit Chow Checkers<br>WO 5320              | 9.49          | 15.00                               | 15.00 |
| 4287        | Purina Range Checkers A<br>3110                     | 10.48         | 20.00                               | 21.25 |
| 3887        | Purina Roaster Chow 7346                            | 11.06         | 15.00                               | 18.00 |
| 4452        | Purina Turkey Finisher No. 1<br>HZ Medicated 8233   | 12.24         | 15.00                               | 17.00 |
| 4447        | Purina Turkey Finisher No. 2<br>HZ Medicated 8253   | 12.34         | 13.50                               | 15.25 |
| 3610        | Purina Turkey Finisher No. 2<br>(Pellets) 8250      | 11.44         | 13.50                               | 13.75 |
| 3980        | Purina Turkey Growena No. 1<br>8101                 | 11.52         | 23.00                               | 25.00 |
| 3609        | Purina Turkey Growena No. 2<br>8130 (Pellets)       | 10.78         | 20.00                               | 20.50 |
| 4329        | Purina Turkey Startena 8040                         | 9.60          | 27.00                               | 28.25 |
| 3601        | Wheat Middlings                                     | 11.90         | 15.00                               | 15.00 |

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                  |
|-------------------------------------|--------------|-------------------------------------|----------------|------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                            |
| 2.50                                | 4.03         | 9.00                                | 7.05           |                                                                                                            |
| 2.50                                | 3.59         | 1.50                                | 0.94           |                                                                                                            |
| 8.00                                | 8.12         | 0.50                                | 0.25           | Chlortetracycline hydrochlor-<br>ide: Guar., 50 gms/ton;<br>found, 60.0 gms/ton.                           |
| 2.00                                | 5.02         | 9.00                                | 6.35           |                                                                                                            |
| 2.50                                | 3.91         | 6.00                                | 3.55           |                                                                                                            |
| 3.00                                | 4.53         | 4.50                                | 3.12           |                                                                                                            |
| 2.50                                | 4.36         | 9.00                                | 5.22           | Zoalene: Guar., 0.0083%;<br>found, 0.0072%.                                                                |
| 2.00                                | 3.00         | 18.00                               | 14.18          |                                                                                                            |
| 2.00                                | 3.14         | 16.00                               | 13.81          |                                                                                                            |
| 2.00                                | 3.94         | 18.00                               | 13.85          | Furazolidone: Guar., 0.0055%;<br>found, 0.0063%. Sulfaquinox-<br>aline: Guar., 0.0250%;<br>found, 0.0250%. |
| 2.00                                | 4.36         | 18.00                               | 11.48          |                                                                                                            |
| 1.50                                | 3.46         | 10.00                               | 9.50           |                                                                                                            |
| 4.00                                | 6.17         | 4.50                                | 2.23           |                                                                                                            |
| 3.50                                | 4.41         | 4.50                                | 3.18           | Hepzide: Guar., 0.030%;<br>found, 0.029%.                                                                  |
| 3.50                                | 4.41         | 4.50                                | 2.80           | Hepzide: Guar., 0.03%;<br>found, 0.032%.                                                                   |
| 3.50                                | 4.60         | 4.00                                | 3.41           |                                                                                                            |
| 3.00                                | 3.74         | 6.50                                | 4.79           |                                                                                                            |
| 3.00                                | 4.95         | 6.00                                | 4.14           |                                                                                                            |
| 3.00                                | 5.04         | 5.50                                | 3.99           |                                                                                                            |
| 4.00                                | 4.32         | 9.50                                | 8.94           |                                                                                                            |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                             | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|----------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                    |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | JOSEPH E. SEAGRAM & SONS,<br>INC., New York, N. Y. |               |                                     |       |
| 4079        | Seagram's Corn Distillers<br>Dried Solubles        | 5.81          | 25.00                               | 29.25 |
|             | SEYMOUR GRAIN & COAL CO.,<br>Seymour, Conn.        |               |                                     |       |
| 3653        | Miracle 14% Calf Grower                            | 12.06         | 14.00                               | 14.25 |
| 4133        | Miracle Calf Milk Replacer                         | 5.62          | 21.00                               | 21.25 |
| 4155        | Miracle Dairy 16%                                  | 12.87         | 16.00                               | 16.00 |
| 3650        | Miracle Hi-Efficiency Grower                       | 11.13         | 16.00                               | 17.25 |
| 3648        | Miracle Hi-Energy All-Mash<br>Layer                | 11.22         | 16.50                               | 18.50 |
| 4286        | Miracle Hi-Q 18% Dairy<br>(1/2 Pellets)            | 12.04         | 18.00                               | 21.75 |
| 3651        | Miracle Horse Feed with<br>Molasses                | 12.03         | 10.00                               | 10.25 |
| 3664        | Miracle 20% Laying Mash                            | 10.27         | 20.00                               | 21.13 |
| 3940        | Miracle Starter-Broiler<br>Medicated               | 11.71         | 20.00                               | 23.25 |
| 3649        | See-More-Milk Dairy Ration                         | 11.93         | 18.00                               | 18.00 |
| 3652        | See-More-Milk Dairy Ration                         | 12.04         | 20.00                               | 20.00 |
|             | SHERWOOD FEED MILLS,<br>INC., Baltimore, Md.       |               |                                     |       |
| 3565        | Brewer's Dried Grains                              | 9.60          | 26.00                               | 26.00 |
|             | F. W. STOCK & SONS, INC.,<br>Hillsdale, Mich.      |               |                                     |       |
| 3763        | Stock's Wheat Bran                                 | 14.46         | 13.00                               | 15.25 |

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| Station No. | Manufacturer and brand                             | Mois-<br>ture | Guaran-<br>teed not<br>less<br>than | Found | Fat                                 |             | Fiber                               |       | Medicants                                                                        |
|-------------|----------------------------------------------------|---------------|-------------------------------------|-------|-------------------------------------|-------------|-------------------------------------|-------|----------------------------------------------------------------------------------|
|             |                                                    |               |                                     |       | Guaran-<br>teed not<br>less<br>than | Found       | Guaran-<br>teed not<br>more<br>than | Found |                                                                                  |
|             | JOSEPH E. SEAGRAM & SONS,<br>INC., New York, N. Y. |               |                                     |       |                                     |             |                                     |       |                                                                                  |
| 4079        | Seagram's Corn Distillers<br>Dried Solubles        | 5.81          | 25.00                               | 29.25 | 5.00                                | 8.35        | 5.00                                | 3.90  |                                                                                  |
|             | SEYMOUR GRAIN & COAL CO.,<br>Seymour, Conn.        |               |                                     |       |                                     |             |                                     |       |                                                                                  |
| 3653        | Miracle 14% Calf Grower                            | 12.06         | 14.00                               | 14.25 | 3.00                                | 3.47        | 8.00                                | 5.60  |                                                                                  |
| 4133        | Miracle Calf Milk Replacer                         | 5.62          | 21.00                               | 21.25 | 8.50                                | <u>6.37</u> | 0.50                                | 0.40  | Chlortetracycline hydrochlor-<br>ide: Guar., 30 gms/ton;<br>found, 30.4 gms/ton. |
| 4155        | Miracle Dairy 16%                                  | 12.87         | 16.00                               | 16.00 | 3.50                                | 3.99        | 8.50                                | 5.58  |                                                                                  |
| 3650        | Miracle Hi-Efficiency Grower                       | 11.13         | 16.00                               | 17.25 | 3.00                                | 4.28        | 5.50                                | 4.51  |                                                                                  |
| 3648        | Miracle Hi-Energy All-Mash<br>Layer                | 11.22         | 16.50                               | 18.50 | 4.25                                | 4.40        | 4.75                                | 3.22  |                                                                                  |
| 4286        | Miracle Hi-Q 18% Dairy<br>(1/2 Pellets)            | 12.04         | 18.00                               | 21.75 | 4.00                                | 4.27        | 4.00                                | 4.50  |                                                                                  |
| 3651        | Miracle Horse Feed with<br>Molasses                | 12.03         | 10.00                               | 10.25 | 3.50                                | 3.61        | 9.00                                | 6.13  |                                                                                  |
| 3664        | Miracle 20% Laying Mash                            | 10.27         | 20.00                               | 21.13 | 3.00                                | 3.36        | 6.50                                | 4.18  |                                                                                  |
| 3940        | Miracle Starter-Broiler<br>Medicated               | 11.71         | 20.00                               | 23.25 | 3.50                                | 3.93        | 4.50                                | 3.58  | Sulfaquinoxaline: Guar.,<br>0.0125%; found, 0.0102%.                             |
| 3649        | See-More-Milk Dairy Ration                         | 11.93         | 18.00                               | 18.00 | 3.50                                | 3.71        | 8.50                                | 6.35  |                                                                                  |
| 3652        | See-More-Milk Dairy Ration                         | 12.04         | 20.00                               | 20.00 | 3.00                                | 3.44        | 9.50                                | 5.92  |                                                                                  |
|             | SHERWOOD FEED MILLS,<br>INC., Baltimore, Md.       |               |                                     |       |                                     |             |                                     |       |                                                                                  |
| 3565        | Brewer's Dried Grains                              | 9.60          | 26.00                               | 26.00 | 5.00                                | 5.44        | 15.00                               | 14.02 |                                                                                  |
|             | F. W. STOCK & SONS, INC.,<br>Hillsdale, Mich.      |               |                                     |       |                                     |             |                                     |       |                                                                                  |
| 3763        | Stock's Wheat Bran                                 | 14.46         | 13.00                               | 15.25 | 2.75                                | 4.94        | 12.00                               | 10.48 |                                                                                  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                   | Manufacturer and brand                                | Moisture | Protein<br>(N x 6.25)    |       |
|-----------------------------------------------|-------------------------------------------------------|----------|--------------------------|-------|
|                                               |                                                       |          | Guaranteed not less than | Found |
| READING MILLING CO., INC.,<br>Reading, Penn.  |                                                       |          |                          |       |
| 3504                                          | Faramel 16% All Mash Layer<br>(Pelleted)              | 11.32    | 16.00                    | 17.25 |
| 3510                                          | Faramel Complete Rabbit<br>Pellets                    | 9.11     | 16.00                    | 18.50 |
| RELIABLE GRAIN & FUEL<br>CO., Ansonia, Conn.  |                                                       |          |                          |       |
| 4162                                          | Reliable Sweet 16% Dairy<br>Ration                    | 13.29    | 16.00                    | 16.00 |
| ROHLOFF BROS. INC.,<br>Graytown, Ohio         |                                                       |          |                          |       |
| 3913                                          | Rohloff's Dehydrated Alfalfa<br>Meal--Animal Fat      | 9.72     | 15.00                    | 15.75 |
| WOLF SAVITSKY & SONS,<br>INC., Shelton, Conn. |                                                       |          |                          |       |
| 3754                                          | Hominy Feed                                           | 11.11    | ....                     | 11.25 |
| 3542                                          | Wolf's Calf Starter                                   | 13.26    | 18.00                    | 19.00 |
| 3738                                          | Wolf's Complete Hi-Eff Egg<br>Breeder Mash Medicated  | 11.63    | 16.00                    | 16.50 |
| 3541                                          | Wolf's Complete Hi-Eff<br>Growing Mash                | 12.30    | 16.00                    | 17.25 |
| 4260                                          | Wolf's 16% Dairy Ration                               | 12.22    | 16.00                    | 16.00 |
| 4277                                          | Wolf's Heifer Feed                                    | 11.99    | 12.00                    | 13.00 |
| 3938                                          | Wolf's Hi-Speed Starter &<br>Broiler Ration Medicated | 11.62    | 20.50                    | 23.50 |
| 3972                                          | Wolf's Horse Feed                                     | 12.93    | 12.00                    | 15.25 |
| 4446                                          | Wolf's Medicated Complete<br>Hi-Eff Profit Builder    | 10.50    | 16.00                    | 18.25 |
| 4278                                          | Wolf's 16% Test Ration                                | 13.20    | 16.00                    | 16.00 |
| 3540                                          | Wolf's 18% Test Ration                                | 12.49    | 18.00                    | 18.75 |

~~~~~ Indicates deficiencies.

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| Guaranteed not less than | Fat
Found | Guaranteed not more than | Fiber
Found | Medicants |
|--------------------------|--------------|--------------------------|----------------|--|
| | | | | |
| 3.00 | 3.21 | 15.00 | <u>16.32</u> | |
| 3.00 | 2.94 | 10.00 | 6.24 | |
| 2.50 | 3.81 | 30.00 | 29.17 | |
| .... | 7.16 | .... | 4.72 | |
| 2.75 | 3.78 | 9.00 | 7.28 | |
| 3.00 | 3.49 | 4.00 | 2.80 | Arsanilic acid: Guar.,
0.0099%; found, 0.0098%. |
| 3.00 | 3.67 | 4.00 | 3.23 | |
| 3.00 | 6.30 | 10.00 | 6.85 | |
| 3.00 | 4.41 | 9.00 | 8.81 | |
| 3.00 | 3.82 | 4.00 | 3.37 | Arsanilic acid: Guar.,
0.0099%; found, 0.0110%.
Sulfaquinoxaline: Guar.,
0.0175%; found, 0.0174%. |
| 2.75 | 3.48 | 10.00 | 7.30 | |
| 3.00 | 3.71 | 4.00 | 3.10 | Furazolidone: Guar., 0.0110%
found, <u>0.0067%</u> . |
| 3.00 | 4.32 | 9.00 | 6.97 | |
| 3.00 | 4.29 | 9.00 | 6.05 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Moisture | Protein
(N x 6.25) | |
|---|--|----------|--------------------------|-------|
| | | | Guaranteed not less than | Found |
| SUNI-CITRUS PRODUCTS CO., Haines City, Fla. | | | | |
| 3899 | Sweet Suni-Citrus Pulp | 11.06 | 6.00 | 6.00 |
| T. H. TAYLOR CO., LTD., Chatham, Ontario, Canada | | | | |
| 3854 | Beaver Wheat Bran | 11.21 | 13.50 | 15.00 |
| TEKLAD INC., Monmouth, Ill. | | | | |
| 3693 | Rockland Rabbit Ration | 10.73 | 17.00 | 18.25 |
| TROPICANA PRODUCTS INC., Bradenton, Fla. | | | | |
| 3719 | Tropicana's Sweetest Dried Citrus Pulp | 9.06 | 6.00 | 6.00 |
| ULTRA-LIFE LABORATORIES, INC., East St. Louis, Ill. | | | | |
| 3669 | 17% Dehydrated Alfalfa Meal Pellets | 8.41 | 17.00 | 17.75 |
| 4158 | 32% Protein Solvent Extracted Linseed Meal | 10.80 | 32.00 | 33.50 |
| 4159 | Ultra-Life Broiler-Gro | 9.29 | 25.00 | 31.25 |
| 4285 | Ultra-Life Calf Food Pellets, Medicated | 8.96 | 24.00 | 26.50 |
| 3642 | Ultra-Life High Energy Poultry | 10.85 | 20.00 | 21.50 |
| 3641 | Ultra-Life Layer Recycler | 9.09 | 24.00 | 26.25 |
| 3666 | Ultra-Life Livestock | 7.79 | 13.00 | 15.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand                     | Fat                      |             | Fiber                    |       | Medicants |
|-------------|--------------------------------------------|--------------------------|-------------|--------------------------|-------|-----------|
|             |                                            | Guaranteed not less than | Found       | Guaranteed not more than | Found |           |
| 3899        | Sweet Suni-Citrus Pulp                     | 3.00                     | <u>2.28</u> | 15.50                    | 13.04 |           |
| 3854        | Beaver Wheat Bran                          | 3.00                     | 5.04        | 11.50                    | 10.58 |           |
| 3693        | Rockland Rabbit Ration                     | 1.50                     | 2.13        | 16.00                    | 15.25 |           |
| 3719        | Tropicana's Sweetest Dried Citrus Pulp     | 2.00                     | 2.29        | 12.00                    | 11.86 |           |
| 3669        | 17% Dehydrated Alfalfa Meal Pellets        | 2.50                     | 3.23        | 27.00                    | 24.49 |           |
| 4158        | 32% Protein Solvent Extracted Linseed Meal | 0.50                     | 1.84        | 11.00                    | 8.96  |           |
| 4159        | Ultra-Life Broiler-Gro                     | 5.00                     | 4.88        | 7.00                     | 6.21  |           |
| 4285        | Ultra-Life Calf Food Pellets, Medicated    | 3.00                     | 4.23        | 7.00                     | 6.49  |           |
| 3642        | Ultra-Life High Energy Poultry             | 7.00                     | 8.86        | 6.00                     | 5.90  |           |
| 3641        | Ultra-Life Layer Recycler                  | 6.00                     | 7.18        | 5.00                     | 3.45  |           |
| 3666        | Ultra-Life Livestock                       | 2.00                     | 3.87        | 6.00                     | 4.69  |           |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                                             | Manufacturer and brand                 | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|---------------------------------------------------------|----------------------------------------|---------------|-------------------------------------|-------|
|                                                         |                                        |               | Guaran-<br>teed not<br>less<br>than | Found |
| UNITED COOPERATIVE FARMERS INC.,<br>Fitchburg, Mass.    |                                        |               |                                     |       |
| 4258                                                    | UCF Calf Grower                        | 11.77         | 20.00                               | 21.75 |
| 3819                                                    | UCF 14% Dairy                          | 11.05         | 14.00                               | 15.50 |
| 4255                                                    | UCF 16% Dairy                          | 10.24         | 16.00                               | 17.50 |
| 4256                                                    | UCF 20% Dairy                          | 11.81         | 20.00                               | 19.00 |
| 4259                                                    | UCF Hi NRG All Mash<br>Breeder         | 10.93         | 16.00                               | 16.00 |
| 4254                                                    | UCF Hi NRG All Mash<br>Grower          | 11.77         | 15.50                               | 15.50 |
| 3822                                                    | UCF Hi NRG All Mash Layer              | 10.57         | 15.50                               | 15.50 |
| 3817                                                    | UCF Hi NRG Lay Granules                | 10.59         | 15.50                               | 15.50 |
| 4376                                                    | UCF Hi NRG Starter Med.                | 12.19         | 20.00                               | 20.75 |
| 3815                                                    | UCF Horse Feed                         | 12.16         | 9.00                                | 12.50 |
| 4253                                                    | UCF Layer                              | 10.51         | 20.00                               | 20.00 |
| 2692                                                    | UCF Medicated Booster 200              | 11.79         | 16.50                               | 17.50 |
| 4012                                                    | UCF Medicated Booster-200              | 10.62         | 16.50                               | 17.50 |
| 4443                                                    | UCF Medicated Booster<br>NF 200        | 10.36         | 16.50                               | 17.00 |
| 3821                                                    | UCF Milk Replacer                      | 8.01          | 20.00                               | 22.88 |
| 3818                                                    | UCF Pig & Hog Feed                     | 11.12         | 20.00                               | 20.50 |
| 3820                                                    | UCF Scratch Feed                       | 12.81         | 9.00                                | 10.25 |
| 4257                                                    | UCF Sheep Creep Ration                 | 10.77         | 15.00                               | 17.50 |
| UNITY FEEDS DIVISION,<br>Agway Inc., Syracuse,<br>N. Y. |                                        |               |                                     |       |
| 4250                                                    | Unity Feeds Complete Rabbit<br>Pellets | 8.92          | 16.00                               | 17.00 |
| 4247                                                    | Unity Feeds Dairy & Fitting<br>Ration  | 11.50         | 14.00                               | 14.00 |

~~~~~ Indicates deficiencies.

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| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | | Fat | | Fiber | | Medicants |
|-------------|--|---------------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--|
| | | | Guaran-
teed not
less
than | Found | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| 4258 | UCF Calf Grower | 11.77 | 20.00 | 21.75 | 3.00 | 3.54 | 6.00 | 3.72 | |
| 3819 | UCF 14% Dairy | 11.05 | 14.00 | 15.50 | 3.00 | 5.10 | 8.00 | 6.26 | |
| 4255 | UCF 16% Dairy | 10.24 | 16.00 | 17.50 | 3.50 | 4.76 | 8.00 | 7.60 | |
| 4256 | UCF 20% Dairy | 11.81 | 20.00 | 19.00 | 3.00 | 3.76 | 7.00 | 6.74 | |
| 4259 | UCF Hi NRG All Mash
Breeder | 10.93 | 16.00 | 16.00 | 4.00 | 6.69 | 4.50 | 2.72 | |
| 4254 | UCF Hi NRG All Mash
Grower | 11.77 | 15.50 | 15.50 | 4.00 | 4.73 | 4.00 | 3.22 | |
| 3822 | UCF Hi NRG All Mash Layer | 10.57 | 15.50 | 15.50 | 4.00 | 4.33 | 4.00 | 3.02 | |
| 3817 | UCF Hi NRG Lay Granules | 10.59 | 15.50 | 15.50 | 4.00 | 5.08 | 4.00 | 2.90 | |
| 4376 | UCF Hi NRG Starter Med. | 12.19 | 20.00 | 20.75 | 4.00 | 4.51 | 4.00 | 3.21 | Zoalene: Guar., 0.0083%;
found, 0.0084%. |
| 3815 | UCF Horse Feed | 12.16 | 9.00 | 12.50 | 3.00 | 4.97 | 9.00 | 5.81 | |
| 4253 | UCF Layer | 10.51 | 20.00 | 20.00 | 4.00 | 5.53 | 5.00 | 4.05 | |
| 2692 | UCF Medicated Booster 200 | 11.79 | 16.50 | 17.50 | 4.00 | 6.31 | 4.50 | 3.35 | Chlortetracycline hydrochlor-
ide: Guar., 0.1 gms/lb;
found, 0.095 gms/lb. |
| 4012 | UCF Medicated Booster-200 | 10.62 | 16.50 | 17.50 | 4.00 | 5.88 | 4.50 | 3.10 | Chlortetracycline hydrochlor-
ide: Guar., 0.1 gms/lb;
found, 0.102 gms/lb. |
| 4443 | UCF Medicated Booster
NF 200 | 10.36 | 16.50 | 17.00 | 4.00 | 5.94 | 4.50 | 3.58 | Furazolidone: Guar., 0.0220%;
found, 0.0213%. |
| 3821 | UCF Milk Replacer | 8.01 | 20.00 | 22.88 | 2.00 | 2.04 | 2.00 | 1.16 | |
| 3818 | UCF Pig & Hog Feed | 11.12 | 20.00 | 20.50 | 3.00 | 4.16 | 7.00 | 4.04 | |
| 3820 | UCF Scratch Feed | 12.81 | 9.00 | 10.25 | 3.00 | 3.15 | 7.00 | 4.15 | |
| 4257 | UCF Sheep Creep Ration | 10.77 | 15.00 | 17.50 | 2.50 | 3.75 | 12.00 | 8.55 | |
| 4250 | Unity Feeds Complete Rabbit
Pellets | 8.92 | 16.00 | 17.00 | 2.00 | 5.17 | 16.00 | 7.45 | |
| 4247 | Unity Feeds Dairy & Fitting
Ration | 11.50 | 14.00 | 14.00 | 3.50 | 5.13 | 9.00 | 6.89 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 3814 | Unity Feeds Growing & Laying Mash | 10.41 | 20.00 | 20.00 |
| 4251 | Unity Feeds High Energy Breeder Mash | 10.19 | 16.00 | 16.00 |
| 4252 | Unity Feeds High Energy Growing Mash | 10.71 | 15.00 | 16.50 |
| 3807 | Unity Feeds High Energy Laying Mash | 10.70 | 15.00 | 15.25 |
| 4248 | Unity Feeds 16% Milkets | 11.80 | 16.00 | 18.25 |
| 3802 | Unity Feeds Pig & Hog Ration | 11.79 | 17.00 | 17.25 |
| 3803 | Unity Feeds Scratch Feed | 12.51 | 9.00 | 10.25 |
| 4208 | Unity Feeds Super Starter Medicated | 12.10 | 20.00 | 20.00 |
| 4398 | Unity Feeds Trim Med. | 10.94 | 15.50 | 16.25 |
| 4399 | Unity Feeds Trim (Nicarbazin) Medicated | 10.16 | 15.50 | 15.50 |
| 4211 | Unity Feeds Turkey & Game Bird Growing Mash Med. | 11.64 | 20.00 | 20.75 |
| 3804 | Unity Improved Calf Ration | 11.19 | 20.00 | 20.50 |
| | UNIVERSAL GRAIN CO. of N. J., Newark, N. J. | | | |
| 4062 | Superior Cow Brand Brewers Dried Grains | 12.22 | 26.00 | 32.00 |
| | WILLIAM S. WARREN & SON, Eastford, Conn. | | | |
| 3702 | Calf Milk Replacer | 6.03 | 28.00 | 29.50 |
| 3706 | Warren Complete Growing | 10.12 | .... | 15.00 |
| 3699 | Warren's Complete Laying Mash | 10.07 | 15.00 | 16.00 |

~~~~~ Indicates deficiencies.

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| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                                                                       |
|-------------------------------------|--------------|-------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                                                                 |
| 3.00                                | 5.26         | 4.00                                | 3.46           |                                                                                                                                 |
| 3.50                                | 4.87         | 4.00                                | 3.95           |                                                                                                                                 |
| 4.00                                | 4.68         | 4.00                                | 3.95           |                                                                                                                                 |
| 3.50                                | 5.29         | 9.00                                | 5.84           |                                                                                                                                 |
| 3.00                                | 4.49         | 6.00                                | 7.86           |                                                                                                                                 |
| 2.50                                | 4.06         | 5.00                                | 3.86           |                                                                                                                                 |
| 3.00                                | 4.79         | 4.00                                | 2.92           | Nicarbazin: Guar., 0.010%;<br>found, 0.0102%.                                                                                   |
| 3.00                                | 4.43         | 6.00                                | 4.16           | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0050%;<br>found, 0.0043%.                                                    |
| 3.00                                | 6.83         | 6.00                                | 3.98           | 3-Nitro-4-hydroxyphenylar-<br>sonic acid: Guar., 0.0050%;<br>found, 0.0046%. Nicarba-<br>zin: Guar., 0.010%; found,<br>0.0140%. |
| 3.00                                | 4.61         | 5.00                                | 3.45           | Sulfaquinoxaline: Guar.,<br>0.0150%; not determined.                                                                            |
| 3.50                                | 4.77         | 6.00                                | 4.90           |                                                                                                                                 |
| 6.00                                | <u>4.62</u>  | 17.00                               | 11.16          |                                                                                                                                 |
| 10.00                               | 11.24        | 3.00                                | 2.34           |                                                                                                                                 |
| ....                                | 4.06         | ....                                | 7.22           |                                                                                                                                 |
| 3.00                                | 4.57         | 6.00                                | <u>7.53</u>    |                                                                                                                                 |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No.                           | Manufacturer and brand                 | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|---------------------------------------|----------------------------------------|---------------|-------------------------------------|-------|
|                                       |                                        |               | Guaran-<br>teed not<br>less<br>than | Found |
| 3703                                  | Warren's 16 Dairy Ration               | 10.38         | 16.00                               | 17.25 |
| 4240                                  | Warren's 16 Dairy Ration<br>Pellets    | 10.81         | 16.00                               | 16.50 |
| 4241                                  | Warren's Fitting Ration                | 12.00         | 14.00                               | 14.25 |
| 4239                                  | Warren's Horse Feed                    | 13.79         | 10.00                               | 10.25 |
| 3705                                  | Warren's 16% Test Ration               | 11.41         | 16.00                               | 16.75 |
| H. K. WEBSTER CO.,<br>Lawrence, Mass. |                                        |               |                                     |       |
| 4378                                  | Blue Seal C-4 Broiler Med.             | 11.04         | 23.00                               | 23.00 |
| 3876                                  | Blue Seal Calf Starter                 | 11.47         | 19.00                               | 19.75 |
| 3576                                  | Blue Seal Coarse 14 Fitting<br>Ration  | 13.35         | 14.00                               | 14.75 |
| 3574                                  | Blue Seal Coarse 16 Test<br>Cow Ration | 12.12         | 16.00                               | 16.00 |
| 3903                                  | Blue Seal Coarse 20 Test<br>Cow Ration | 11.62         | 20.00                               | 21.00 |
| 3900                                  | Blue Seal Complete Horse<br>Ration     | 12.02         | 12.50                               | 13.25 |
| 4383                                  | Blue Seal Chick Starter Med.           | 11.01         | 20.00                               | 20.50 |
| 4308                                  | Blue Seal "30" Dairy Concen-<br>trate  | 11.57         | 30.00                               | 33.25 |
| 3878                                  | Blue Seal 16% Dairy Mix                | 11.66         | 16.00                               | 16.75 |
| 3856                                  | Blue Seal Egg Mash                     | 9.86          | 20.00                               | 20.25 |
| 3901                                  | Blue Seal Fat & Finish Ration          | 11.76         | 18.00                               | 19.00 |
| 3799                                  | Blue Seal Grower-Cal                   | 11.16         | 16.00                               | 17.00 |
| 4377                                  | Blue Seal Grower-Cal ZL<br>Medicated   | 11.93         | 16.00                               | 17.50 |
| 4382                                  | Blue Seal Grow-Ettes ZL<br>Medicated   | 11.48         | 15.00                               | 15.50 |
| 3573                                  | Blue Seal Horse Feed                   | 12.96         | 10.00                               | 13.25 |
| 3554                                  | Blue Seal Layer-Cal                    | 11.56         | 16.00                               | 16.00 |
| 3797                                  | Blue Seal Lay-Ettes                    | 10.65         | 15.50                               | 16.25 |
| 4448                                  | Blue Seal Medicated NF-HI-<br>Mix      | 10.86         | 16.00                               | 17.25 |
| 4011                                  | Blue Seal Medicated<br>Ruminaid        | 11.10         | 14.00                               | 16.25 |

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Indicates deficiencies.

INSPECTION OF 1964

Guaran- teed not less than	Fat Found	Guaran- teed not more than	Fiber Found	Medicants
2.50	4.07	11.00	9.75	
3.00	4.59	11.00	7.56	
3.00	3.71	6.00	4.88	
2.50	3.36	9.00	8.05	
6.50	6.88	3.00	3.47	Zoalene: Guar., 0.0125%; found, 0.0121%.
3.00	3.87	8.00	6.65	
3.50	3.61	8.00	7.38	
3.50	3.88	8.00	7.52	
3.50	4.02	8.00	7.14	
2.50	3.33	15.00	13.63	
3.50	4.19	4.50	4.49	Zoalene: Guar., 0.0125%; found, 0.0105%.
2.00	2.54	11.00	9.99	
3.00	3.53	12.00	11.60	
3.50	4.84	3.50	4.31	
4.50	4.69	3.50	3.84	
4.00	4.24	3.50	3.21	
4.00	4.67	3.50	3.24	Zoalene: Guar., 0.0083%; found, 0.0097%.
3.00	5.09	5.50	5.00	Zoalene: Guar., 0.0083%; found, 0.0067%.
3.00	3.91	9.00	6.99	
4.00	4.46	3.50	3.35	
3.50	4.29	4.50	4.66	
4.00	5.12	3.50	3.42	Furazolidone: Guar., 0.0220%; found, 0.0205%.
3.50	4.14	9.00	7.89	Chlortetracycline hydrochlor- ide: Guar., 0.1 gms/lb.; found, 0.092 gms/lb.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Mois- ture	Protein (N x 6.25)	
			Guaran- teed not less than	Found
3796	Blue Seal Milk Replacer	4.64	24.00	25.75
3877	Blue Seal Milkers 16 Pellets	11.22	16.00	17.25
3772	Blue Seal Milkers 20 Pellets	10.79	20.00	20.00
3773	Blue Seal 16% Nuggets	10.93	16.00	17.25
3944	Blue Seal Pig Feed Medicated	11.89	16.00	18.25
3575	Blue Seal Rabbit Pellets	10.97	20.00	20.50
3774	Blue Seal Standard 16 Dairy Ration	11.89	16.00	16.25
4238	Blue Seal Standard 20 Dairy Ration	11.47	20.00	20.88
3858	Blue Seal Standard "14" Fitting Ration	11.51	14.00	14.25
4057	Blue Seal Succulent Feed & Calving Ration	12.08	13.00	14.25
3553	Blue Seal Sweet Pulp	12.67	9.00	9.25
3875	Blue Seal Tasty Meal	10.30	24.00	24.75
3798	Blue Seal Turkey Growing	10.32	20.00	20.50
4402	Blue Seal Turkey Growing HS Medicated	10.35	20.00	20.75
4309	"CCC" 16% Dairy Ration	13.17	16.00	16.75
4310	Custom Mix "CCC" Hay Extender	12.82	....	10.00
WEST-NESBITT, INC., Oneonta, N. Y.				
4360	"Beets-All" Horse Feed	11.50	10.00	12.75
3628	Cream-Line Dairy Test Ration	11.93	18.00	18.50
3781	Pure Feed Complete Layer	10.22	17.00	17.00
3626	Pure Feed Complete Rabbit Pellets	11.21	16.00	16.75
3779	Pure Feed 16% Dairy Pellets	10.61	16.00	17.25
3627	Pure Feed Egg & Breeder	10.71	22.00	22.25
4359	Pure Feed Egg Maker	9.92	20.00	18.75
4358	Pure Feed 14% Fitting Ration	13.64	14.00	14.00
3778	Pure Feed Grower	10.86	18.00	18.25
3625	Pure Feed Horse Ration	12.52	9.00	11.25
3777	Pure Feed Sweet "16"	11.65	16.00	16.25
3780	Pure Feed Swine Ration	10.11	16.00	16.25
3629	West-Nesbitt Milk Replacer	5.25	21.00	21.50

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Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                         |
|-------------------------------------|--------------|-------------------------------------|----------------|-------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                   |
| 3.50                                | 3.87         | 8.00                                | 7.94           |                                                                   |
| 3.50                                | 4.44         | 8.00                                | 7.81           |                                                                   |
| 3.50                                | 4.50         | 12.00                               | 10.66          |                                                                   |
| 4.00                                | 4.24         | 6.00                                | 5.64           | Arsanilic acid: Guar.,<br>0.010%; found, 0.0108%.                 |
| 3.00                                | 3.67         | 12.00                               | 11.45          |                                                                   |
| 3.50                                | 4.04         | 8.50                                | 8.09           |                                                                   |
| 3.00                                | 3.86         | 8.00                                | 6.71           |                                                                   |
| 3.50                                | 5.03         | 9.00                                | 7.20           |                                                                   |
| 2.50                                | 3.09         | 12.00                               | 10.84          |                                                                   |
| 2.00                                | 3.27         | 5.00                                | 15.58          |                                                                   |
| 6.00                                | 6.31         | 4.00                                | 2.92           |                                                                   |
| 4.50                                | 4.75         | 4.00                                | 4.07           |                                                                   |
| 4.50                                | 5.29         | 4.00                                | 3.96           | P-Ureidobenzenearsonic acid<br>Guar., 0.0375%; found,<br>0.0391%. |
| 3.00                                | 4.31         | 5.00                                | 4.78           |                                                                   |
| ....                                | 3.78         | ....                                | 5.60           |                                                                   |
| 2.50                                | 3.66         | 12.00                               | 8.19           |                                                                   |
| 3.50                                | 3.69         | 8.00                                | 6.31           |                                                                   |
| 3.00                                | 5.10         | 4.50                                | 3.60           |                                                                   |
| 3.00                                | 4.26         | 14.00                               | 10.50          |                                                                   |
| 3.75                                | 4.17         | 8.00                                | 7.03           |                                                                   |
| 3.00                                | 4.41         | 6.00                                | 4.41           |                                                                   |
| 3.00                                | 4.01         | 6.50                                | 4.52           |                                                                   |
| 3.50                                | 3.75         | 7.00                                | 5.37           |                                                                   |
| 3.00                                | 5.51         | 5.00                                | 4.43           |                                                                   |
| 3.00                                | 3.23         | 10.00                               | 6.48           |                                                                   |
| 3.50                                | 4.09         | 9.00                                | 7.58           |                                                                   |
| 4.00                                | 4.44         | 8.00                                | 6.56           |                                                                   |
| 8.50                                | 8.91         | 0.50                                | 0.27           |                                                                   |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                                                   | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|------------------------------------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                                          |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | WHITMOYER LABORATORIES<br>INC., Myerstown, Penn.                                         |               |                                     |       |
| 3672        | Flav-A-Dee                                                                               | 7.88          | 38.00                               | 43.50 |
|             | THE GEO. WIEDEMANN<br>BREWING CO., Newport,<br>Ky.                                       |               |                                     |       |
| 3543        | Brewers Dried Grains                                                                     | 8.96          | 24.00                               | 32.50 |
|             | THE WILLIAMS BROS. CO.,<br>Kent, Ohio                                                    |               |                                     |       |
| 3668        | Pure Ohio Wheat Bran                                                                     | 12.15         | 13.00                               | 14.00 |
|             | WILSON'S CORN PRODUCTS,<br>INC., Rochester, Ind.                                         |               |                                     |       |
| 3769        | Wilson Hominy Feed                                                                       | 11.86         | 9.50                                | 10.75 |
|             | WINTER GARDEN CITRUS<br>PRODUCTS COOPERATIVE,<br>Winter Garden, Fla.                     |               |                                     |       |
| 4298        | Wholesun Dried Citrus Pulp                                                               | 10.66         | 6.00                                | 6.00  |
|             | WIRTHMORE FEEDS, INC.,<br>Waltham, Mass.                                                 |               |                                     |       |
| 3690        | Big Y Veal Formula                                                                       | 4.39          | 20.00                               | 20.50 |
| 4361        | Emergency 16% Dairy Feed<br>524 T                                                        | 11.89         | 16.00                               | 20.00 |
| 4363        | Emergency 12% Forage Ex-<br>tender Dairy Feed Con-<br>taining (529 T) 70% Corn<br>(Meal) | 12.00         | 12.00                               | 14.75 |
| 4307        | Ground Corn & Ground Oats<br>Mix 50 - 50                                                 | 12.09         | ....                                | 11.75 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Station No. | Manufacturer and brand | Mois-
ture | Fat | | Fiber | | Medicants |
|-------------|--|---------------|-------------------------------------|--------------|-------------------------------------|-------|-----------|
| | | | Guaran-
teed not
less
than | Found | Guaran-
teed not
more
than | Found | |
| | WHITMOYER LABORATORIES
INC., Myerstown, Penn. | | | | | | |
| 3672 | Flav-A-Dee | 7.88 | 8.00 | 10.84 | 5.00 | 4.21 | |
| | THE GEO. WIEDEMANN
BREWING CO., Newport,
Ky. | | | | | | |
| 3543 | Brewers Dried Grains | 8.96 | 5.00 | 7.46 | 15.00 | 11.46 | |
| | THE WILLIAMS BROS. CO.,
Kent, Ohio | | | | | | |
| 3668 | Pure Ohio Wheat Bran | 12.15 | 3.00 | 3.81 | 12.00 | 9.38 | |
| | WILSON'S CORN PRODUCTS,
INC., Rochester, Ind. | | | | | | |
| 3769 | Wilson Hominy Feed | 11.86 | 6.50 | 6.77 | 6.00 | 5.15 | |
| | WINTER GARDEN CITRUS
PRODUCTS COOPERATIVE,
Winter Garden, Fla. | | | | | | |
| 4298 | Wholesun Dried Citrus Pulp | 10.66 | 2.50 | 4.72 | 16.00 | 12.76 | |
| | WIRTHMORE FEEDS, INC.,
Waltham, Mass. | | | | | | |
| 3690 | Big Y Veal Formula | 4.39 | 20.00 | <u>17.86</u> | 0.25 | 0.24 | |
| 4361 | Emergency 16% Dairy Feed
524 T | 11.89 | 4.00 | 4.04 | 9.00 | 7.42 | |
| 4363 | Emergency 12% Forage Ex-
tender Dairy Feed Con-
taining (529 T) 70% Corn
(Meal) | 12.00 | 4.00 | 4.44 | 9.00 | 5.66 | |
| 4307 | Ground Corn & Ground Oats
Mix 50 - 50 | 12.09 | | 4.94 | | 7.32 | |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|-------|
| | | | Guaran-
teed not
less
than | Found |
| 4026 | Hominy Feed | 10.01 | 10.00 | 11.50 |
| 3692 | O.P.M. Scratch 467 T | 12.62 | 9.00 | 9.25 |
| 4365 | Yellow Corn Meal Ground
Oats | 13.67 | 8.00 | 10.25 |
| 3795 | Wirthmore Baby Chick
Scratch 463 A | 13.61 | 9.00 | 9.75 |
| 3623 | Wirthmore Calf Starter 572 A | 10.96 | 20.00 | 21.75 |
| 3731 | Wirthmore Chick Starter
101 A | 10.68 | 20.00 | 21.25 |
| 3942 | Wirthmore Chick Starter
Medicated 103 A | 11.93 | 20.00 | 20.75 |
| 4304 | Wirthmore Coarse Test
Dairy Feed 518 A | 12.09 | 16.00 | 16.50 |
| 3598 | Wirthmore Complete Growing
Ration 205 A | 11.50 | 15.00 | 15.00 |
| 4110 | Wirthmore Complete Growing
Ration 206 A Medicated | 9.99 | 15.00 | 16.00 |
| 3857 | Wirthmore Complete Turkey
Fattening Ration 361 A
(Pellets) | 11.51 | 14.00 | 15.00 |
| 4406 | Wirthmore Complete Turkey
Fattening Ration Med.
362 A | 11.66 | 14.00 | 16.25 |
| 4400 | Wirthmore Complete Turkey
Growing Ration 342 A
Medicated | 11.51 | 18.00 | 20.00 |
| 3976 | Wirthmore Fodder Greens
581 A | 12.18 | 10.00 | 12.25 |
| 3728 | Wirthmore Grow & Egg Mash
245 A | 8.69 | 20.00 | 20.50 |
| 4101 | Wirthmore Hi-Cal Broiler
Finisher 147 A Medicated | 10.89 | 22.50 | 23.75 |
| 4104 | Wirthmore Hi-Cal Broiler
Starter 124 A Medicated | 11.79 | 24.00 | 26.00 |
| 4027 | Wirthmore 14 Hi-Cal Pellets
Dairy Feed 531 A | 10.88 | 14.00 | 15.75 |

~~~~~ Indicates deficiencies.

## INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat         |                                     | Fiber       |  | Medicants                                                                                        |
|-------------------------------------|-------------|-------------------------------------|-------------|--|--------------------------------------------------------------------------------------------------|
|                                     | Found       | Guaran-<br>teed not<br>more<br>than | Found       |  |                                                                                                  |
| 5.00                                | 5.85        | 6.00                                | 4.62        |  |                                                                                                  |
| 3.00                                | 3.46        | 5.00                                | 2.42        |  |                                                                                                  |
| 3.00                                | 5.71        | 3.00                                | <u>4.70</u> |  |                                                                                                  |
| 2.50                                | 2.78        | 4.00                                | 1.66        |  |                                                                                                  |
| 4.00                                | 4.18        | 5.00                                | 4.45        |  |                                                                                                  |
| 4.00                                | 4.87        | 5.00                                | 4.09        |  |                                                                                                  |
| 4.00                                | 4.64        | 5.00                                | 4.42        |  | Sulfaquinoxaline: Guar.,<br>0.0175%; found, 0.0170%.                                             |
| 4.00                                | 4.56        | 8.00                                | 6.68        |  |                                                                                                  |
| 3.00                                | 3.66        | 6.00                                | 5.11        |  |                                                                                                  |
| 3.00                                | 4.23        | 6.00                                | 4.63        |  | Sulfaquinoxaline: Guar.,<br>0.0125%; found, 0.0141%.                                             |
| 3.00                                | 4.33        | 4.00                                | 3.59        |  |                                                                                                  |
| 3.00                                | 4.41        | 4.00                                | 3.45        |  | 4-Nitrophenylarsonic acid:<br>Guar., 0.0250%; found,<br>0.0260%.                                 |
| 3.00                                | 4.06        | 5.00                                | 3.76        |  | 4-Nitrophenylarsonic acid:<br>Guar., 0.0250%; found,<br>0.0262%.                                 |
| 2.00                                | 2.84        | 18.00                               | 12.68       |  |                                                                                                  |
| 4.00                                | 5.00        | 4.50                                | 4.01        |  |                                                                                                  |
| 7.00                                | 7.04        | 3.00                                | 2.84        |  | Amprolium: Guar., 0.0125%;<br>found, 0.0150%. Ethopabate:<br>Guar., 0.0004%; found,<br>0.00035%. |
| 7.00                                | <u>6.49</u> | 3.00                                | 2.83        |  | Amprolium: Guar., 0.0125%;<br>found, 0.0142%. Ethopabate:<br>Guar., 0.0004%; found,<br>0.00035%. |
| 3.50                                | 4.14        | 8.50                                | 7.18        |  |                                                                                                  |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                | Mois-<br>ture | Protein<br>(N x 6.25)               |              |
|-------------|-------------------------------------------------------|---------------|-------------------------------------|--------------|
|             |                                                       |               | Guaran-<br>teed not<br>less<br>than | Found        |
| 4030        | Wirthmore 16 Test Dairy Feed<br>514 A                 | 11.30         | 16.00                               | 16.00        |
| 3727        | Wirthmore 16 Hi-Cal Pellets<br>Dairy Feed 532 A       | 9.61          | 16.00                               | 16.00        |
| 3793        | Wirthmore 18 Hi-Cal Pellets<br>Dairy Feed 533 A       | 10.25         | 18.00                               | <u>17.20</u> |
| 4103        | Wirthmore Hi-Cal Roaster<br>Finisher 178 A Medicated  | 10.97         | 18.50                               | 20.75        |
| 3599        | Wirthmore Hi-Ener-G 16<br>220 A                       | 9.67          | 16.00                               | 16.00        |
| 3741        | Wirthmore Hi-Ener-G 16<br>Layer Medicated (231 A)     | 11.38         | 16.00                               | 16.50        |
| 3729        | Wirthmore Hi-Ener-G 17<br>237 A                       | 9.86          | 17.00                               | 17.88        |
| 4112        | Wirthmore Hi-Energy 17<br>Layer Medicated             | 8.39          | 17.00                               | 17.50        |
| 4102        | Wirthmore Hi-Ener-G Broiler<br>Ration 141 A Medicated | 11.36         | 22.00                               | 25.50        |
| 4362        | Wirthmore Hog Grower 722 A                            | 12.65         | 14.00                               | 16.25        |
| 3500        | Wirthmore Horse Feed 811 A                            | 14.60         | 10.00                               | 11.25        |
| 3975        | Wirthmore Horse Perkies<br>817 A                      | 10.73         | 15.00                               | 19.25        |
| 3860        | Wirthmore Meatless Mink<br>Food 842 A                 | 8.53          | 12.00                               | 14.75        |
| 4456        | Wirthmore Medicated Ketrol<br>576 A                   | 14.11         | 16.00                               | 18.00        |
| 4018        | Wirthmore Medicated Quickies<br>423 A                 | 12.06         | 16.00                               | 17.25        |
| 4016        | Wirthmore Medicated Quick<br>Perk 412 A               | 11.14         | 20.00                               | 20.25        |
| 4444        | Wirthmore Medicated Turk-<br>E-Perk 314 A             | 10.91         | 30.00                               | 30.00        |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-
teed not
less
than | Fat
Found | Guaran-
teed not
more
than | Fiber
Found | Medicants |
|-------------------------------------|--------------|-------------------------------------|----------------|--|
| | | | | |
| 3.50 | 4.01 | 8.50 | 8.13 | |
| 3.50 | 4.77 | 8.50 | 8.73 | |
| 5.00 | 6.09 | 3.50 | 3.40 | Amprolium: Guar., 0.0125%;
found, 0.0122%. Ethopabate:
Guar., 0.0004%; found,
0.00033%. |
| 4.00 | 6.91 | 4.00 | 3.99 | |
| 4.00 | 5.29 | 4.00 | 3.18 | Arsanilic acid: Guar.,
0.008%; found, 0.0074%. |
| 4.00 | 5.71 | 4.00 | 3.14 | |
| 4.00 | 4.92 | 3.50 | 3.29 | Sodium arsanilate: Guar.,
0.0088%; found, 0.0093%. |
| 5.50 | 5.79 | 3.50 | 3.41 | Amprolium: Guar., 0.0125%;
found, 0.0142%. Ethopabate:
Guar., 0.0004%; found,
0.00042%. |
| 3.50 | 5.04 | 6.00 | 4.25 | |
| 3.00 | 3.56 | 9.00 | 5.51 | |
| 3.00 | 5.22 | 7.00 | 6.54 | |
| 5.00 | 4.86 | 5.00 | 4.00 | |
| 3.00 | 4.71 | 6.00 | 6.24 | |
| 4.00 | 5.08 | 4.50 | 3.51 | Oxytetracycline hydrochlor-
ide: Guar., 0.1 gms/lb.;
found, 0.102 gms/lb. |
| 5.00 | 6.24 | 4.00 | 3.56 | Chlortetracycline hydrochlor-
ide: Guar., 0.1 gms/lb.;
found, 0.106 gms/lb. |
| 4.00 | 5.49 | 4.00 | 3.26 | Furazolidone: Guar., 0.011%;
found, 0.010%. Sulfaquinox-
aline: Guar., 0.0175%;
found, 0.0174%. |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand | Mois-
ture | Protein
(N x 6.25) | |
|-------------|--|---------------|-------------------------------------|--------------|
| | | | Guaran-
teed not
less
than | Found |
| 4306 | Wirthmore Milk Mizer 571 A | 8.19 | 25.00 | 26.50 |
| 3859 | Wirthmore New Hope Com-
plete Horse Feed 813 A | 11.71 | 12.50 | 13.50 |
| 3977 | Wirthmore Original New Hope
Horse Feed 518 A | 12.74 | 12.50 | 14.25 |
| 4299 | Wirthmore 14 Pro-Cal Dairy
Feed 536 A | 12.10 | 14.00 | 17.50 |
| 3624 | Wirthmore Pro-Cal Dairy
Feed 538 A | 12.27 | 16.00 | 18.50 |
| 3794 | Wirthmore Rabbit Pellets
831 A | 9.91 | 15.00 | 17.50 |
| 4442 | Wirthmore Rabbit Pellets
832 A Medicated | 10.17 | 15.00 | 15.50 |
| 3584 | Wirthmore 16 Record Dairy
Feed 512 A | 12.60 | 16.00 | 17.75 |
| 3730 | Wirthmore 20 Record Dairy
Feed 519 A | 10.73 | 20.00 | 21.00 |
| 3501 | Wirthmore 14 Record Fitting
& Calving Feed 516 A | 13.20 | 14.00 | 15.50 |
| 3600 | Wirthmore Scratch 461 A | 13.42 | 9.00 | 9.50 |
| 4028 | Wirthmore Stable Mate Com-
plete Horse Feed 816 A | 9.04 | 12.50 | <u>10.25</u> |
| 3502 | Wirthmore Stock Primer
616 A | 13.33 | 14.00 | 15.75 |
| 3974 | Wirthmore Super Pellets
411 A | 10.81 | 23.00 | 23.00 |
| 3792 | Wirthmore Turkey Growing
Ration 321 A | 11.50 | 23.00 | 23.50 |
| 4391 | Wirthmore Turkey Growing
Ration 323 A Medicated | 11.66 | 23.00 | 24.50 |
| 3949 | Wirthmore Turkey Starter
A 315 A Medicated | 10.59 | 28.00 | 29.50 |
| 4302 | Wirthmore Twin-Mix Calf
Feed 573 A | 12.69 | 18.00 | 18.50 |
| 4025 | Wirthmore 16 Ultra-Cal
Pellets Dairy Feed 537 A | 10.33 | 16.00 | 16.00 |

~~~~~ Indicates deficiencies.

INSPECTION OF 1964

| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Fiber                               |       | Medicants                                                                                                  |
|-------------------------------------|--------------|-------------------------------------|-------|------------------------------------------------------------------------------------------------------------|
|                                     |              | Guaran-<br>teed not<br>more<br>than | Found |                                                                                                            |
| 10.00                               | 10.29        | 1.50                                | 1.18  |                                                                                                            |
| 2.00                                | 2.59         | 12.00                               | 8.55  |                                                                                                            |
| 3.00                                | 3.24         | 6.00                                | 4.66  |                                                                                                            |
| 3.00                                | 3.96         | 12.00                               | 9.83  |                                                                                                            |
| 3.00                                | 3.16         | 12.00                               | 10.20 |                                                                                                            |
| 2.50                                | 3.52         | 15.00                               | 13.50 |                                                                                                            |
| 2.50                                | 3.39         | 15.00                               | 13.57 | Furazolidone: Guar., 0.0055%;<br>found, 0.0055%. Sulfaquinox-<br>aline: Guar., 0.0125%;<br>found, 0.0132%. |
| 3.50                                | 3.61         | 9.00                                | 7.89  |                                                                                                            |
| 3.50                                | 3.78         | 9.00                                | 7.50  |                                                                                                            |
| 3.50                                | 3.98         | 9.00                                | 7.39  |                                                                                                            |
| 2.50                                | 2.71         | 4.00                                | 3.16  |                                                                                                            |
| 2.00                                | 2.14         | 20.00                               | 18.51 |                                                                                                            |
| 3.00                                | 3.86         | 8.50                                | 6.95  |                                                                                                            |
| 3.50                                | 4.54         | 5.00                                | 4.06  |                                                                                                            |
| 3.50                                | 4.16         | 5.00                                | 4.32  |                                                                                                            |
| 3.50                                | 4.06         | 5.00                                | 4.12  | 4-Nitrophenylarsonic acid:<br>Guar., 0.0250%; found,<br>0.0264%.                                           |
| 4.00                                | 5.77         | 4.50                                | 3.88  | Amprolium: Guar., 0.0125%;<br>found, 0.0130%.                                                              |
| 3.00                                | 3.13         | 6.00                                | 5.40  |                                                                                                            |
| 5.00                                | 4.84         | 6.00                                | 6.31  |                                                                                                            |

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

| Station No. | Manufacturer and brand                                          | Mois-<br>ture | Protein<br>(N x 6.25)               |       |
|-------------|-----------------------------------------------------------------|---------------|-------------------------------------|-------|
|             |                                                                 |               | Guaran-<br>teed not<br>less<br>than | Found |
|             | THE YANTIC GRAIN &<br>PRODUCTS CO., Norwich,<br>Conn.           |               |                                     |       |
| 2695        | Big (Y) Chlortetracycline<br>(Aureomycin) Mixture<br>(100 Gram) | 12.37         | 15.00                               | 15.75 |
| 2694        | Big (Y) Chlortetracycline<br>(Aureomycin) Mixture<br>(200 Gram) | 11.76         | 15.00                               | 18.00 |
| 4303        | Big (Y) 20% Dairy Ration<br>(Pellets)                           | 10.87         | 20.00                               | 20.00 |
| 3622        | Big (Y) Dairy Ration Purity<br>16                               | 12.76         | 16.00                               | 18.50 |

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| Guaran-<br>teed not<br>less<br>than | Fat<br>Found | Guaran-<br>teed not<br>more<br>than | Fiber<br>Found | Medicants                                                                         |
|-------------------------------------|--------------|-------------------------------------|----------------|-----------------------------------------------------------------------------------|
|                                     |              |                                     |                |                                                                                   |
| 3.50                                | 5.37         | 5.00                                | 4.30           | Chlortetracycline hydrochlor-<br>ide: Guar., 0.1 gms/lb.;<br>found, 0.080 gms/lb. |
| 3.00                                | 4.16         | 9.00                                | 6.54           |                                                                                   |
| 3.00                                | 3.12         | 9.00                                | 7.69           |                                                                                   |



TABLE 2. VITAMIN CARRIERS

| Station No.                                                                     | Manufacturer and brand                  | Place, date of sampling and control number |
|---------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------|
| AMERICAN CYANAMID CO.,<br>Princeton, N. J.                                      |                                         |                                            |
| 1672                                                                            | Aureomycin Crumbles (Chlortetracycline) | Norwich, 1/20, None                        |
| COMMERCIAL SOLVENTS CORP.,<br>New York, N. Y.                                   |                                         |                                            |
| 3460                                                                            | Perma-Mix CCC No. 1                     | Manchester, 8/28,<br>5254-3                |
| 3461                                                                            | Perma-Mix CCC No. 2                     | Manchester, 8/28, 5255                     |
| 3462                                                                            | Perma-Mix CCC No. 3                     | Manchester, 8/28, 5242                     |
| 3463                                                                            | Perma-Mix CCC No. 4 Broilers            | Manchester, 8/28, 5265                     |
| 3465                                                                            | Perma-Mix Turkey Premix<br>No. 5        | Manchester, 8/28, 5211                     |
| 3464                                                                            | Perma-Mix Turkey Premix<br>No. 6        | Manchester, 8/28, 5191                     |
| PEDER DEVOLD OIL CO., Div.<br>Chas. L. Huisking & Co.,<br>Inc., New York, N. Y. |                                         |                                            |
| 1669                                                                            | Peder Devold Cod Liver Oil N.F.         | Norwalk, 1/17, TO 703                      |
| 3466                                                                            | Peder Devold Cod Liver Oil N.F.         | Norwalk, 9/2, TO 683                       |
| DREW CHEMICAL CORP.,<br>Boonton, N. J.                                          |                                         |                                            |
| 1668                                                                            | Vitan Dry "3000"                        | Shelton, 1/17, 3763                        |
| 2062                                                                            | Vitan Dry "3000"                        | Shelton, 3/17, None                        |
| 3459                                                                            | Vitan Dry "3000"                        | Shelton, 8/27, None                        |
| RAY EWING CO., Pasadena,<br>Calif.                                              |                                         |                                            |
| 2073                                                                            | All Mash Pre Mix                        | Jewett City, 3/20, None                    |
| MARINE PRODUCTS CO.,<br>Boston, Mass.                                           |                                         |                                            |
| 3484                                                                            | Finest Veterinary Cod Liver Oil         | Fitchville, 9/15, 3188                     |
| 1673                                                                            | Veterinary Cod Liver Oil                | Norwich, 1/20, 2703                        |

TABLE 2. VITAMIN CARRIERS

| Vitamin D<br>chick units/lb. |           | Pantothenic<br>Acid<br>mg/lb. |       | Niacin<br>mg/lb. |       | Riboflavin<br>mg/lb. |         |
|------------------------------|-----------|-------------------------------|-------|------------------|-------|----------------------|---------|
| Guar.                        | Found     | Guar.                         | Found | Guar.            | Found | Guar.                | Found   |
|                              | 16,000    | OK                            |       |                  |       |                      |         |
|                              | 900       | OK                            |       |                  |       |                      |         |
|                              | 300,000   | Pass                          |       |                  |       |                      |         |
|                              | 300,000   | Pass                          |       |                  |       |                      |         |
|                              | 300,000   | OK                            |       |                  |       |                      |         |
|                              | 600,000   | OK                            |       |                  |       |                      |         |
|                              | 600,000   | OK                            |       |                  |       |                      |         |
|                              | 33,750    | OK                            |       |                  |       |                      |         |
|                              | 33,750    | OK                            |       |                  |       |                      |         |
|                              | 1,362,000 | OK                            |       |                  |       |                      |         |
|                              | 1,362,000 | OK                            |       |                  |       |                      |         |
|                              | 1,362,000 | OK                            |       |                  |       |                      |         |
|                              | 544,800   | OK                            | 2,000 | 1,860            | 8,000 | 8,187                | 800 828 |
|                              | 136,077   | OK                            |       |                  |       |                      |         |
|                              | 136,077   | OK                            |       |                  |       |                      |         |

TABLE 2. VITAMIN CARRIERS

| Station No.                                                                | Manufacturer and brand       | Place, date of sampling and control number |
|----------------------------------------------------------------------------|------------------------------|--------------------------------------------|
| MERCK CHEMICAL DIV.,<br>Merck & Co., Inc.,<br>Rahway, N. J.                |                              |                                            |
| 1671                                                                       | Improved Premix Medicated    | Norwich, 1/20, 17-1493-3-2                 |
| 2069                                                                       | Improved Premix Medicated    | Norwich, 3/20, M-137-4-1                   |
| MYZON LABORATORIES,<br>Kansas City, Kansas                                 |                              |                                            |
| 2070                                                                       | Myzon Poultry Builder        | Norwich, 3/20, None                        |
| NOPCO CHEMICAL CO.,<br>Newark, N. J.                                       |                              |                                            |
| 1675                                                                       | Nopco-Pak Hi-Lay Premix      | Norwich, 1/20, None                        |
| 2071                                                                       | Nopco-Pak Super Premix       | Norwich, 3/20, None                        |
| 1670                                                                       | Nopdex "3000"                | Norwich, 1/20, None                        |
| 2068                                                                       | Nopdex "3000"                | Norwich, 3/20, None                        |
| CHAS. PFIZER & CO., INC.,<br>New York, N. Y.                               |                              |                                            |
| 1674                                                                       | Yantic High Lay Premix       | Norwich, 1/20, None                        |
| 2072                                                                       | Yantic High Lay Premix       | Norwich, 3/20, None                        |
| STABILIZED VITAMINS DIV.,<br>Commercial Solvents Corp.,<br>Garfield, N. J. |                              |                                            |
| 1663                                                                       | Perma-Mix CCC No. 1          | Manchester, 1/16, 50643                    |
| 2064                                                                       | Perma-Mix CCC No. 1          | Manchester, 3/18, 50781                    |
| 1666                                                                       | Perma-Mix CCC No. 2          | Manchester, 1/16, 5065                     |
| 2065                                                                       | Perma-Mix CCC No. 2          | Manchester, 3/18, 5105                     |
| 1664                                                                       | Perma-Mix CCC No. 3          | Manchester, 1/16, 5068                     |
| 2066                                                                       | Perma-Mix CCC No. 3          | Manchester, 3/18, 5114                     |
| 1665                                                                       | Perma-Mix CCC No. 4          | Manchester, 1/16, 5016                     |
| 2067                                                                       | Perma-Mix CCC No. 4 Broilers | Manchester, 3/18, 5103                     |

~~~~~ Indicates deficiencies.

TABLE 2. VITAMIN CARRIERS

| Vitamin D
chick units/lb. | | Pantothenic
Acid
mg/lb. | | Niacin
mg/lb. | | Riboflavin
mg/lb. | |
|------------------------------|-------|-------------------------------|-------|------------------|---------------|----------------------|--------------|
| Guar. | Found | Guar. | Found | Guar. | Found | Guar. | Found |
| | | | | | | | |
| 85,125 | OK | 460 | 388 | 3,750 | 3,259 | 500 | 446 |
| 85,125 | OK | 460 | 552 | 3,750 | 3,967 | 500 | 514 |
| | | | | | | | |
| 164,000 | OK | 160 | 164 | 640 | 726 | 160 | 173 |
| | | | | | | | |
| 544,800 | --- | 1,472 | 1,298 | 8,000 | 8,125 | 800 | 895 |
| 170,250 | OK | 920 | 1,060 | 7,500 | 7,692 | 1,000 | 1,009 |
| 1,361,000 | OK | | | | | | |
| 1,361,000 | OK | | | | | | |
| | | | | | | | |
| 544,900 | Low | 1,472 | 1,375 | 8,000 | 8,878 | 800 | 749 |
| 544,900 | Pass | 1,472 | 1,669 | 8,000 | <u>10,340</u> | 800 | 738 |
| | | | | | | | |
| 297,500 | OK | 900 | 936 | 7,950 | 7,317 | 600 | 715 |
| 297,500 | OK | 900 | 907 | 7,950 | 8,386 | 600 | 544 |
| 153,150 | OK | 1,380 | 1,361 | 7,500 | 7,992 | 375 | 425 |
| 153,150 | OK | 1,380 | 1,474 | 7,500 | 8,734 | 375 | 385 |
| 214,650 | OK | 1,104 | 1,021 | 6,750 | 7,537 | 975 | 906 |
| 214,650 | OK | 1,104 | 991 | 6,750 | 7,422 | 975 | 963 |
| 216,000 | OK | 1,104 | 1,059 | 5,400 | 4,875 | 900 | <u>1,248</u> |
| 216,000 | -- | 1,104 | 1,276 | 5,400 | 5,721 | 900 | <u>951</u> |

TABLE 2. VITAMIN CARRIERS

| Station No. | Manufacturer and brand | Place, date of sampling and control number |
|---|--|--|
| WHITMOYER LABORATORIES,
INC., Myerstown, Penn. | | |
| 1667 | Derby All-Purpose Premix | Derby, 1/17, 120263 |
| 3458 | Derby All-Purpose Premix | Derby, 8-27, 0821401 |
| 2063 | Flav-A-Dee | Bridgeport, 3/17, None |
| 3467 | Flav-A-Dee | Bridgeport, 9/11,
0828401 |
| WIRTHMORE FEEDS, INC.,
Waltham, Mass. | | |
| 1025 <sup>1</sup> | Wirthmore Horse Perkies Pellets
817 A | Bloomfield, 11/26,
J221624, J221625&
J221626 |
| 3971 <sup>2</sup> | Wirthmore Horse Perkies 817 A | Danbury, 11/9, S488802,
S488804, S488807,
S488808, S488809 |
| 3970 | Wirthmore Original New Horse
Feed 815 A | Danbury, 11/3, V662072,
V662101, V662258,
V662487, V666501 |

<sup>1</sup>Folic acid, mg/lb: Guar., 1; found, 0.82. Thiamine, mg/lb:
Guar., 50; found, 55.8.

<sup>2</sup>Folic acid, mg/lb: Guar., 1; found, 0.99. Thiamine, mg/lb:
Guar., 50; found, 61.6.

<sup>3</sup>Vitamin B<sub>12</sub>, mg/lb: Guar., 10; found, 0.00.

~~~~~ Indicates deficiencies.

TABLE 2. VITAMIN CARRIERS

| Vitamin D<br>chick units/lb. |       | Pantothenic<br>Acid<br>mg/lb. |             | Niacin<br>mg/lb. |             | Riboflavin<br>mg/lb. |             |
|------------------------------|-------|-------------------------------|-------------|------------------|-------------|----------------------|-------------|
| Guar.                        | Found | Guar.                         | Found       | Guar.            | Found       | Guar.                | Found       |
| 136,200                      | OK    | 920                           | 700         | 4,000            | 3,373       | 400                  | 423         |
| 136,200                      | OK    | 920                           | ---         | 4,000            | ---         | 400                  | ---         |
| 54,480                       | OK    | 100                           | 116         | 700              | 786         | 100                  | 96.3        |
| 54,480                       | OK    | 100                           | ---         | 700              | ---         | 100                  | ---         |
| 10,000                       | --    | 40                            | <u>27.1</u> | 50               | <u>64.6</u> | 40                   | 38.0        |
| 10,000                       | --    | 40                            | <u>51.1</u> | 50               | <u>74.3</u> | 40                   | 48.2        |
| 1,000                        | --    | 5                             | <u>12.9</u> | 5                | <u>44.8</u> | 8                    | <u>11.7</u> |