

Commercial Feeds in Kentucky

1966



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KENTUCKY AGRICULTURAL EXPERIMENT STATION

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* Created by Board of Trustees July 15, 1966.

**Retired August 1, 1966.

INTRODUCTION

This bulletin contains the results of inspection and analysis of commercial feeds sold in Kentucky during the calendar year of 1966, and other information helpful to those interested in this field. During 1966, 3,006 official samples of feed were secured by inspectors. 2,528 or 84% of these passed inspection and analysis satisfactorily. During 1965, 3,396 official samples were secured and 2,867 or 85% of these were passed. The total estimated tonnage of commercial feeds distributed in Kentucky for 1966 was 584,177 tons. In 1965, the tonnage was 531,901 tons.

On July 15, 1966 the Executive Committee of the Board of Trustees of the University of Kentucky established a Division of Regulatory Services to administer Regulatory Agencies of the Kentucky Agricultural Experiment Station. These seven agencies are as follows: Creamery License Section, Feed Control Section, Fertilizer Control Section, Pesticides Control Section, Seed Control Section, Soil Testing Section and Nursery License and Inspection Section. By consolidating all these sections under one division, the same inspectors can work on all commodities while in an area. It will cut down greatly on duplication of travel and make for a much more efficient operation. The new division is under the direction of Mr. Bruce Poundstone, who has been in charge of Feed, Fertilizer, Pesticides and Soil testing for some time. The Feed Control Section is looking forward to being of greater service to the feed manufacturers and consumers.

FEED MONITORING PROGRAM

All feeds sold in Kentucky must be registered with the Feed Control Section. Registration forms are available upon request. There is no charge for registration. Once registered they continue in effect until re-registration is called for. Most companies keep all registrations current by cancelling feeds no longer manufactured and by adding new feeds. Inspectors are constantly in the field checking with dealers to assist them with their records and feed manufacturing practices. Inspectors examine labeling and sample feed. Samples are analyzed in the chemical laboratory. Samples that do not come up to the guaranteed analysis are listed in an annual feed bulletin published by the Section. Those companies having seriously deficient feed samples are advised by letter regarding the deficiency and on occasions when the situation is serious, stop sale notices may be issued until the deficiency can be corrected. Feed inspection and analysis is becoming more and more complicated. The Feed Control Program protects the feeder by requiring proper labeling, adequate purpose statements, precautions and warnings where necessary and checking contents of feeds with the guarantees. Manufacturers and dealers are thus enabled to do business on an orderly and equitable basis.

Commercial Feeds in Kentucky, 1966

ESTIMATED TONNAGE OF SALES BY CLASS OF FEED,
KENTUCKY, 1966

<u>Mixed Feed</u>	<u>Tons</u>
Calf Feed	6,186
Cattle Feed	31,846
Dairy Feed	105,688
Dog & Cat Feed	15,698
Horse & Mule Feed	15,443
Mineral Feed	7,934
Pig & Hog Feed	120,840
Poultry Mash	133,124
Rabbit Feed	1,942
Scratch Feed	6,581
Sheep Feed	380
Stock Feed	2,149
Turkey Mash	5,477
Miscellaneous Mixed Feed	<u>15,502</u>
TOTAL MIXED FEED	<u><u>468,790</u></u>
<u>Straight Materials</u>	<u>Tons</u>
Alfalfa Products	2,632
Animal Products	3,838
Barley Products	131
Brewers Products	663
Corn Products	27,583
Cottonseed Products	11,787
Distillers Products	4,550
Linseed & Flax Products	186
Molasses	15,117
Oat Products	2,234
Soybean Products	17,315
Wheat Products	23,531
Miscellaneous Products	<u>5,820</u>
TOTAL STRAIGHT MATERIAL	<u><u>115,387</u></u>
GRAND TOTAL	584,177

COMPANIES HAVING FEED REGISTERED, 1966

- Abilene Flour Mills Co., Abilene, Kan. 67410
 Acme-Evans Co., Inc., Indianapolis, Ind. 46222
 Adams Packing Assn., Inc., Auburndale, Fla. 33823
 Ade Farm Chemical Co., Inc., Tiskilwa, Ill. 61368
 Agway, Inc., Country Best Feeds Ithaca, N.Y. 14851
 Albany Mills, Albany, Ky. 42602
 Albers Milling Company, Los Angeles, Cal. 90036
 Allen County Seed Ser., Scottsville, Ky. 42164
 Allen Products Co., Inc., Allentown, Pa. 18104
 Allied Chemical Corp., Hopewell, Va. 23860
 Allied Food Distributors, Atlanta, Ga. 30318
 Allied Mills, Inc., Chicago, Ill.
 Allied Mills, Inc., Libertyville, Ill. 60048
 Alver Brothers Co., Milford, Ill. 60953
 American Crystal Sugar Co., Denver, Colo. 80202
 American Cyanamid Co., Princeton, N. J. 08540
 American Salt Corp., Des Plaines, Ill. 60018
 Anderson Co. Farm Service, Lawrenceburg, Ky. 40342
 Anderson & Spilman, Danville, Ky. 40422
 Anglo Sweet Feed Mill, Inc., Owensboro, Ky. 42301
 Anheuser-Busch, Inc., St. Louis, Mo. 63118
 Animal Nutritionists, Inc., Turlock, Cal. 95380
 Anvil Mineral Prod. Corp., Bay Springs, Miss. 39422
 Apex Feed & Supply, Inc., Marietta, Ohio 45750
 Archer Daniels Midland Co., Minneapolis, Minn. 55440
 Arkansas Grain Corp., Stuttgart, Ark. 72160
 Arkansas Rice Growers Coop., Stuttgart, Ark. 72160
 Armour Creameries, Springfield, Ky. 40069
 Armour Grocery Products Co., Chicago, Ill. 60606
 Armour & Co., Chicago, Ill. 60609
 Ashland Milling Co., Ashland, Ky. 41101
 Astor Products, Inc., Jacksonville, Fla. 32203
 Aubrey Feed Mills, Inc., Louisville, Ky. 40204
 Auburn Mills, Inc., Auburn, Ky. 42206
 Aylor & Meyer Co., Aurora, Ind. 47001
 Bagdad Roller Mills, Bagdad, Ky. 40003
 Barker Moore & Mein Co., Inc., Lebanon, Pa. 17042
 Bardwell Milling Co., Bardwell, Ky. 42023
 Barton Distilling Co., Bardstown, Ky. 40004
 Baughman Milling Co., Stanford, Ky. 40480
 Bay State Milling Co., Leavenworth, Kan. 66048
 Bay State Milling Co., Winona, Minn. 55987
 Beacon Div. International Milling Co., Kansas City, Mo. 64116
 James B. Beam Distilling Co., Clermont, Ky. 40110
 B. A. Bernard & Co., Inc., Camden, N. J. 08104
 Best Feeds & Farm Supplies, Oakdale, Pa. 15071
 Bi-County Farm Bureau Co-op., Florence, Ky. 41042
 Big Four Feed & Implement Co., Scottsville, Ky. 42164
 Big Star Products Co., Atlanta, Ga. 30302
 Birmingham Milling Company, Benton, Ky. 42025
 Blenda Life, Inc., Green Isle, Minn. 55338
 Blue Barn Dog Food Co., New Albany, Ind. 47150
 Blue River Feed Mills, Inc., Edinburg, Ind. 46124
 Bobb Brothers, Leesburg, Ohio 45135
 Boone Co. Farm Supply, Walton, Ky. 41094
 Boones Feed Store, Stanford, Ky. 40484
 Borden Co., New York, N. Y. 10017
 Boswell Company, Atlanta, Georgia 30305
 Botkins Grain & Feed Co., Botkins, Ohio 45306
 Bremco Mills, New Bremen, Ohio 45869
 Brode Corporation, Memphis, Tenn. 38101
 Browder Milling Co., Inc., Fulton, Ky. 42041
 Brown-Forman Distillers Corp., Louisville, Ky. 40201
 Brown Molasses Co., Inc., N. Webster, Ind. 46555
 Bryant & Crume Milling Co., Caneyville, Ky. 42721
 Buckeye Cellulose Corp., Louisville, Ky. 40217
 Buckeye Cellulose Corp., Cincinnati, Ohio 45201
 Buckeye Cellulose Corp., Memphis, Tenn. 38108
 Buhler Mills, Inc., Buhler, Kansas 67522
 Buhler Mills, Inc., Lexington, Kentucky 40506
 Bush Brothers & Co., Clinton, Tenn. 37716
 A. C. Butts & Sons, Fulton, Ky. 42041
 Cadiz Milling Company, Cadiz, Ky. 42211
 Calhoun & Walthen, Inc., Madisonville, Ky. 42431
 Caneyville Roller Mill Co., Caneyville, Ky. 42721
 Cardinal Food Products, Inc., St. Louis, Mo. 63103
 Carey Salt Company, Hutchinson, Kan. 67501
 Cargill, Inc., Cincinnati, Ohio 45204
 Cargill, Inc., Minneapolis, Minn. 55402
 Carroll Co. Farm Bureau Coop., Carrollton, Ky. 41008
 Carnation Co., Los Angeles, Cal. 90036
 Cat Life Packing Company, Chicago, Ill. 60603
 Central Soya Co., Inc., Ft. Wayne, Ind. 46802
 Central Soya of Clinton, Inc., Clinton, Ky. 42031
 Chef Pet Foods, Inc., Delavan, Wis. 53115
 Ciba Corp., Summit, N. J. 07901
 Citizens Milling Co., Somerset, Ky. 42501
 City Roller Mills, Vevay, Ind. 47043
 Clarkson Feed Store, Clarkson, Ky. 42726
 Cleveland Milling Company, Cleveland, Tenn. 37311
 Climax Mills, Shelbyville, Ky. 40065
 Clinton Corn Processing Co., Clinton, Iowa 52733
 Clinton Milling Co., Clinton, Ky. 42031
 H. C. Cole Milling Co., Chester, Ill. 62233
 Colonial Stores, Inc. Atlanta, Ga. 30302
 Colorado Milling & Elevator, Denver, Colo. 80201
 Columbian Hog & Cattle Powder, Kansas City, Mo. 64129
 Community Milling Company, Irvington, Ky. 40146
 Community Feed Mill, Belton, Ky. 42324
 Continental Chinchillas, Inc., Louisville, Ky. 40214
 Consolidated Mills, Inc., Blissfield, Mich. 49228
 Cooperative Mills, Baltimore, Maryland 21203
 Corn Products Co., New York, N. Y. 10022
 Cosby-Hodges Milling Co., Birmingham Ala. 35201
 Crafton-Duncan, Inc., Henderson, Ky. 42420
 Crescent Roller Mills, Inc., Taylorsville, Ky. 40071
 Custom Feed Mills, Morganfield, Ky. 42437
 Darling & Co., Chicago, Illinois 60609

- Darling & Company, Cincinnati, Ohio 45215
 Darling & Company, Reading Ohio 45215
 Dawes Laboratories, Inc., Chicago, Ill. 60632
 Dearborn Mills, Aurora, Ind. 47001
 Decatur Cotton Oil Co., Decatur, Ala. 35601
 Delphos Soya, Delphos, Ohio 45833
 Delta Oil Mill, Inc., Jonestown, Miss. 38639
 Delta Rice, Inc., Hollandale, Miss. 38748
 Diamond Crystal Salt Co., St. Clair, Mich. 48079
 Diamond Laboratories, Des Moines, Iowa 50303
 Diamond V Mills, Inc., Cedar Rapids, Iowa 52407
 W. C. Dicken & Son, Mentor, Ky. 41060
 Dixie Mills Co., E. St. Louis, Ill. 62202
 Dixie Portland Flour Mills, Arkansas City, Kansas 67005
 Dixie Portland Flour Mills, Chattanooga, Tenn. 37401
 Dixie Portland Flour Mills, Memphis, Tenn. 38101
 Doane Feed Products Co., Joplin, Mo. 64801
 Dog Life Packing Co., Chicago, Ill. 60603
 Duncan-McFarland Farm Service, Lawrenceburg, Ky. 40342
 Dunnington Milling Co., Monticello, Ky. 42633
 Durant Milling Co., Durant, Okla. 74701
 Dyersburg Oil Mill Co., Dyersburg, Tenn. 38024
 Early & Daniel Co., Inc., Cincinnati, Ohio 45203
 Early & Daniel Co., Lebanon, Tenn. 37087
 Early & Daniel Co., Troy, Ohio 45373
 Eckhart Milling Co., Chicago, Ill. 60607
 Emge Packing Co., Inc., Ft. Branch, Ind. 47533
 F.L. Emmert Co., Inc., Cincinnati, Ohio 45214
 John W. Eshelman & Sons, Lancaster, Pa. 17604
 Evans Milling Co., Indianapolis, Ind. 46206
 John Ewing Co., LaSalle, Col. 80645
 Fabro, Inc., Atlanta, Georgia 30318
 Fabro of Georgia, Inc., Atlanta, Ga. 30318
 Famous Feed Mills, Nashville, Tenn. 37201
 Farm Bureau Milling Co., Hammond, Ind. 46320
 Farm Service Center, Inc., Beaver Dam, Ky. 42320
 Farm Services, Inc., Glasgow, Kentucky 42141
 Oscar Farmer & Sons, Louisville, Ky. 40203
 Farmers Feed Mill, Lexington, Ky. 40508
 Farmers Feed Store, Central City, Ky. 42330
 Farmers Friend Mineral Co., Napoleon, Ohio 43545
 Farmers & Merchants Milling, Brooksville, Ky. 41004
 Farmers Service Center, Beaver Dam, Ky. 42320
 Farmers Supply of Ohio Co., Inc., Beaver Dam, Ky. 42320
 Farmers Supply Co., Springfield, Ky. 40069
 Farmers Supply & Produce Co., Monticello, Ky. 42633
 Farmers Tankage Co., Henderson, Ky. 42420
 Farmington Sweet Feed Mill, Farmington, Ky. 42040
 J. H. Fedders, Inc., Covington, Ky. 41014
 Feed Service Corp., Crete, Neb. 68333
 Ferguson Brothers Feed Mill, Albany, Ky. 42402
 Ferneau Grain Co., Cincinnati, Ohio 45227
 Field Packing Co., Inc., Owensboro, Ky. 42301
 Finch Packing, N. Vincennes, Ind. 47591
 Fischer Packing Co., Louisville, Ky. 40201
 Fish Meal Co., Morgan City, La. 70380
 Fleischmann Distilling Corp., Owensboro, Ky. 42301
 Fleming Laboratories, Inc., Charlotte, N.C. 28208
 Folsomdale Milling Co., Boaz, Ky. 42027
 Foremost Dairies, Inc., San Francisco, Cal. 94111
 Fort Negley Mills, Nashville, Tenn. 37203
 Fortune Feed Mills, Lebanon, Tenn. 37087
 Foster Canning, Inc., Napoleon, Ohio 43545
 Francis Wholesale Co., Prestonburg, Ky. 41653
 R. T. French Manufacturers, Rochester, N.Y. 14609
 Frosty Morn Meats, Clarksville, Tenn. 37041
 Henry Fruechtenicht Co., Inc., Louisville, Ky. 40202
 Fruen Milling Co., Minneapolis, Minn. 55403
 Fuhrer-Ford Mill Co., Inc., Mt. Vernon, Ind. 47620
 Gallatin Co. Farm Supply, Warsaw, Ky. 41095
 Garrard Farm Service, Lancaster, Ky. 40444
 Garrard Mills, Lancaster, Ky. 40444
 J. I. Gates Milling Co., Columbus, Ohio 43222
 General Foods Corp. Corn Mill, Kankakee, Ill. 60901
 General Foods Corp. Gaines, White Plains, N.Y. 10605
 General Distributing Co., National Stockyards, Ill. 62071
 General Mills, Inc., Minneapolis, Minn. 55440
 General Packing Co., Waynesville, Ohio 45068
 Germantown Milling Co., Germantown, Ky. 41044
 Gethsemani Farms, Trappist, Ky. 40073
 Gilster Milling Co., Chester, Ill. 62233
 Glenmore Distilleries Co., Louisville, Ky. 40202
 Glenmore Distilleries Co., Owensboro, Ky. 42301
 Gold Seal Products Co., Birmingham, Ala. 35203
 Goldenrod Oil Meal Sales Co., Memphis, Tenn. 38101
 Good-Life Chemicals, Inc., Effingham, Ill. 62401
 W. R. Grace & Co., Decatur, Ill. 62526
 W. R. Grace Agri. Products Div., Atlantic, Iowa 50022
 Grain Processing Corp., Muscatine, Iowa 52761
 Grant Co. Farm Supply, Dry Ridge, Ky. 41035
 Grayson Milling Co., Grayson, Ky. 41143
 The Great A & P Tea Co., Inc., Brockport, N.Y. 14420
 Great Lakes Pet Food Co., Hammond, Ind. 43625
 Green Co. Milling Co., Greensburg, Ky. 42743
 Green Valley Farm Supply Inc., Island, Ky. 42350
 Griffin Fertilizer Co., Butler, Ky. 41006
 Griffin Packing Co., Danville, Ky. 40422
 Gulf Oil Corp., Chem. Dept., Sturgis, Ky. 42459
 Guthrie Farm Service, Harrodsburg, Ky. 40330
 Guthrie Feed Mill, Guthrie, Ky. 40330
 Earl Hale & Son, Jasper, Ohio 45642
 Hales & Hunter Co., Chicago, Ill. 60606
 Hardin Co. Milling Co., Elizabethtown, Ky. 42701
 Hardin Feed Mill, Hardin, Ky. 42048
 Hardy Salt Co., St. Louis, Mo. 63166
 Harlan Farmers Supply Co., Harlan, Ky. 40831
 Harpeth Mills, Nashville, Tenn. 37203
 Hartz Mountain Products, New York, N.Y. 10003
 Harvest Brand, Inc., Pittsburg, Kansas 66762
 T. J. Haycraft Sales & Service, Leitchfield, Ky. 42754
 Haydon Mill & Grain Co., Springfield, Ky. 40069
 Haynes Milling Co., Inc., Portland, Ind. 47371
 Haynie Products Inc., Baltimore, Md. 21230
 Heaven Hill Distilleries, Bardstown, Ky. 40004
 Dr. Heinz Co., Bloomingburg, Ohio 43106
 Dr. Heinz Co., Washington Court House, Ohio 43160

- Henderson Feed & Commission, Henderson, Ky. 42420
Burch Hester Feed Store, Hustonville, Ky. 40437
Hi-Acres Concentrate, Inc., Orlando, Fla. 32804
Hi-Life Packing Co., Chicago, Ill. 60603
Hi-Vi Dog Food Co., Rush Springs, Okla. 73082
Hickman Co. Feed Mill, Clinton, Ky. 42031
Hill Packing Co., Topeka, Kansas 66601
Frank Hinton & Son, Plummers Landing, Ky. 41089
Hobbs Feed & Supply, Fancy Farm, Ky. 42039
Hodgenville Roller Mills, Hodgenville, Ky. 42748
Holly Sugar Corp., Colorado Springs, Col. 80901
Home Milling Co., Inc., Greenville, Ky. 42345
Hooker Chemical Co., Jeffersonville, Ind. 47130
Hoosier Mineral Feed Co., Greenwood, Ind. 46142
Hopkinsville Milling Co., Hopkinsville, Ky. 42240
Horlicks Corp., Racine, Wis. 53404
Howdy Distributing Co., Williamstown, W. Va. 26187
Hubinger Co., Keokuk, Iowa 52632
Hudsons Farm Service, Franklin, Ky. 42134
Huff & Puff Pet Foods, Inc., Reedville, Va. 22539
Humphreys Mills, Memphis, Tenn. 38102
Hunter Milling Co., Wellington, Kan. 67152
Hygrade Food Products Corp., Detroit, Mich. 48214
Igleheart Bros., Evansville, Ind. 47707
Illinois Cereal Mills, Inc., Paris, Ill. 61944
Illinois Soy Products Co., Springfield, Ill. 62705
J. F. Imbs Milling Co., St. Louis, Mo. 63110
Indiana Farm Bureau Coop. Assn., Indianapolis, Ind. 46204
Industrial Molasses Corp., Leonia, N. J. 07605
International Mineral & Chemical Corp., Skokie, Ill. 60077
International Milling Co., Minneapolis, Minn. 55415
International Salt Co., Inc., Clarks Summit, Pa. 18411
Jackson Co. Farm Bureau, Jackson, Ohio 45640
Jersee Security Co., Minneapolis, Minn. 55415
Jewel Tea Company, Barrington, Ill. 60010
I. S. Joseph Co., Inc., Minneapolis, Minn. 55415
K & K Manufacturing Inc., Rogers, Minn. 55374
E. Kahns Sons Co., Cincinnati, Ohio 45225
Kal Kan Foods, Inc., Los Angeles, Cal. 90058
Kaler Milling Co., Symsonia, Ky. 42082
Kane Molasses Laboratories, Mt. Pulaski, Ill. 62548
Kansas Milling Co., Wichita, Kan. 67214
Keco Milling Co., McKenzie, Tenn. 38201
Keller Hay & Grain Co., Newport, Ky. 41072
Kentucky Animal By-Products, Russellville, Ky. 42276
Kentucky By-Products Corp., Louisville, Ky. 40211
Kentucky Chemical Industries, Cincinnati, Ohio 45232
Keynes Brothers, Logan, Ohio 43138
Kimbell-Diamond Milling Co., Fort Worth, Tex. 76101
Kingston Farmers Exchange, Inc., Kingston, Ohio 45646
Klarer of Kentucky, Inc., Louisville, Ky. 40201
Knifley Feed & Supply, Elkhorn, Ky. 42733
H. C. Knoke & Co., Chicago, Ill. 60650
Kraft Foods Co., Chicago, Ill. 60612
Kroger Co., Cincinnati, Ohio 45202
Kuder Pulp Citrus Sales Co., Lake Alfred Fla. 33850
La Crosse Milling Co., Cochrane, Wis. 54622
Lake Co. Oil Mill, Tiptonville, Tenn. 38079
Land O Lakes Creameries, Inc., Minneapolis, Minn. 55413
Edmond J. Lang, New Rochelle, N. Y. 10802
Lark, Boone, Iowa 50036
Lauhoff Grain Co., Danville, Ill. 61832
Harry L. Laws & Co., Inc., New Orleans, La. 70130
Lewisburg Roller Mills, Lewisburg, Ky. 42256
Lexington Roller Mills, Inc., Lexington, Ky. 40506
Lilly Brothers Seed Co., Hopkinsville, Ky. 42240
Lincoln Farm Service, Crab Orchard Rd., Stanford, Ky. 40484
Liv-A-Snaps, Inc., St. Paul, Minn. 55105
Livestock Industries Inc., Park City, Ky. 42160
Livestock Supply Co., Owensboro, Ky. 42302
Loft-Dahlgren, Inc., Crookston, Minn. 56716
Loftons Feed & Grain, Clay, Ky. 42404
Loncala Phosphate Co., High Springs, Fla. 32643
Louisa Supply Co., Inc., Louisa, Ky. 41230
Loves Feed & Hatchery, Bowling Green, Ky. 42101
Lubbock Cotton Oil Mill Co., Lubbock Tex. 79408
Lynn Grove Milling Co., Lynn Grove, Ky. 42062
M.F.A. Grain Division, Mexico, Mo. 65265
Magic Feed Mills, Inc., Paoli, Ind. 47454
Man-An-So Corporation, Kirksville, Mo. 63501
Manard Molasses Company, New Orleans, La. 70130
Manko Co., Inc., Ocala, Fla. 32670
Marblehead Lime Co., Chicago, Ill. 60606
Marion Feed Mills, Marion, Ky. 42064
Martin Sales Co., Toledo, Ohio 43606
Masonite Corp., Chicago, Ill. 60606
Master Feed Corp., Lexington, Ky. 40508
Mavar Shrimp & Oyster Co., Biloxi, Miss. 39530
Mayes-Helm & Coyle, Perryville, Ky. 40468
Mayfield Milling Co., Inc., Mayfield, Ky. 42066
Mayfield Sweet Feed Mill, Mayfield, Ky. 42066
Mayflower Mills, Fort Wayne, Ind. 46801
McCaughey Bros. Seed Co., Versailles, Ky. 40383
McGahan & Co., Paintsville, Ky. 41240
McKnight-Keaton Grocery Co., Sikeston, Mo. 63801
McRedmond Brothers, Nashville, Tenn. 37210
McWhorter Brothers, Albany, Ky. 42602
Meadows Feed & Bldg. Supply, Clay City, Ky. 40312
Medley Distilling Co., Owensboro, Ky. 42301
Mennel Milling Co., Fostoria, Ohio 44830
Metzger Brothers, Paducah, Ky. 42001
Michigan Salt Company, St. Louis, Mich. 48880
Mid-South Feeds, Inc., Nashville, Tenn. 37209
Mid-South Milling Co., Memphis, Tenn. 38106
Mid-State Molasses Co., Franklin, Tenn. 37046
Middlesboro Milling Co., Middlesboro, Ky. 40965
Midget Mills, Somerset, Ky. 42501
Midwest Feeds Co., Cincinnati, Ohio 45215
S.E. Mighton Co., Bedford, Ohio 44014
Milk Specialties, Inc., Dundee, Ill. 60118
Model Mills, Georgetown, Ky. 40324
Model Mill Co., Jackson, Tenn. 38301
Mohawk Milling Co., Newport, Tenn. 38721
August Moldenhauer Mill, Menfro, Missouri 63765

- Monarch Feed Mills, Inc., Dexter, Mo. 63841
 Monarch Milling Co., Mt. Sterling, Ky. 40353
 Monroe Brothers Sweet Feed Mill, Cave City, Ky. 42127
 Monroe Co. Farmers Service, Tompkinsville, Ky. 42167
 Monroe Sweet Feed Mill, Tompkinsville, Ky. 42167
 Moore Lowry Flour Mills, Kansas City, Mo. 64112
 Moorman Manufacturing Co., Quincy, Ill. 62302
 Morgan Packing Co., Inc., Austin, Ind. 47102
 Morgantown Feed Mill, Morgantown, Ky. 42261
 Mor-Milk Co., Dixon, Ill. 61021
 John Morrell & Co., Chicago, Ill. 60604
 Morton Salt Co., Chicago, Ill. 60606
 L. A. Mosher Co., Atlanta, Ga. 30301
 Mowat, Wilson & Co., Detroit, Mich. 48235
 Munfordville Milling Co., Munfordville, Ky. 42765
 Murphy Grain & Milling Co., Owensboro, Ky. 42301
 Mutual Products Co., Minneapolis, Minn. 55401
 Henry Nagel & Son, Cincinnati, Ohio 45214
 Naremc Co., Inc., Springfield, Mo. 65805
 Nashville Cotton Oil Mill Co., Nashville, Tenn. 37202
 National Alfalfa Dehydrating & Milling Co., Shawnee Mission, Kan. 66201
 National Alfalfa Dehydrating & Milling Co., Overland Park, Kan. 62202
 National Biscuit Co., New York, N. Y. 10022
 National Biscuit Co., Toledo, Ohio 43603
 National Distillers Products, Cincinnati, Ohio
 National Molasses Co., Cincinnati, Ohio 45201
 National Molasses Co., Willow Grove, Pa. 19090
 National Oats Co., E. St. Louis, Ill. 62205
 National Oats Co., Cedar Rapids, Iowa 52402
 National Packing Co., Greenville, Miss. 38701
 National Starch & Chemical Corp., Indianapolis, Ind. 46221
 Neumond, Inc., St. Louis, Mo. 63110
 New Era Milling Co., Arkansas City, Kan. 67005
 Nicholas Co. Feeders Supply, Carlisle, Ky. 40311
 Nipak, Inc., Dallas, Tex. 75221
 Nopco Chemical Co., Newark, N. J. 07101
 Northern Ohio Sugar Co., Denver, Col. 80217
 Northern Ohio Sugar Co., Findlay, Ohio 45840
 Northern Ohio Sugar Co., Fremont, Ohio 43420
 Charles Nunn & Sons Milling, Evansville, Ind. 47712
 Nutrena Mills, Inc., Minneapolis, Minn. 55402
 Ohio Blenders, Inc., Toledo, Ohio 43611
 Old Stanley Distillery, Inc., Stanley, Ky. 42375
 Orleans Canning Co., Chicago, Ill. 60603
 Orleans Dog Candy Co., Chicago, Ill. 60603
 Osceola Products Co., Osceola, Ark. 72370
 Owensboro Grain Co., Inc., Owensboro, Ky. 42301
 Owensboro Milling Co., Owensboro, Ky. 42301
 Pacific Molasses Co., San Francisco, Cal. 94105
 Packers By-Products Co., St. Louis, Mo. 63177
 Pan American Mills, Bowling Green, Ky. 42101
 Pan Pacific Fisheries, Inc., Terminal Island, Cal. 90731
 Phillip R. Park, Inc., San Pedro, Cal. 90731
 Paymaster Oil Mill Co., Bossier City, La. 71010
 Paymaster Oil Mill Co., Phoenix, Ariz. 85002
 Pearl Packing Co., Inc., Madison, Ind. 47250
 Peavy Co. Flour Mills, Minneapolis, Minn. 55415
 Pedrick Laboratories, Sand Springs, Okla. 74063
 Pendleton County Mills, Falmouth, Ky. 41040
 Penick & Ford Limited, Inc., Cedar Rapids, Iowa 52406
 Stanley Penn & Sons, Lexington, Ky. 40508
 Perk Foods Co., Div. Vets, Chicago, Ill. 60610
 Chas. Pfizer & Co., Inc., New York, N. Y. 10017
 Philips Roxane Div., Kansas City, Kan. 66106
 Phillips Petroleum Co., Bartlesville, Okla. 74004
 Pierce & Williams, Hopkinsville, Ky. 42240
 Pillsbury Co., Minneapolis, Minn. 55403
 Pittsburgh Plate Glass Co., Red Wing, Minn. 55066
 Plains Coop Oil Mill, Lubbock, Tex. 79408
 Planters Manufacturing Co., Clarksdale, Miss. 38614
 Planters Oil Mill, Tunica, Miss. 38676
 Portland Feed Mill & Sup., Portland, Tenn. 37148
 Price-Wilhoite Co., Frederick, Md. 21701
 Princeton Mills, Princeton, Ky. 42445
 Producers Farm Center, Clinton, Ky. 42031
 Proviso Feeds & Concentrates, Botkins, Ohio 45306
 Pup Corn Brands, Inc., New Britain, Conn. 06053
 Quaker Oats Co., Chicago, Ill. 60654
 Quaker Oats Co., Lawrenceburg, Ind. 47025
 Quaker Oats Co., Shiremantown, Pa. 17091
 Quaker Oats Co., Memphis, Tenn. 38108
 Quincy Soybean Co., Quincy, Ill. 62301
 Quinn Menhaden Fisheries, of La., Empire, La. 70050
 Ralston Purina Co., St. Louis, Mo. 63199
 Randolph Milling Co., Bandana, Ky. 42022
 Raymondville Cotton Oil Co., Raymondville, Tex. 78580
 Red Star Yeast & Products Co., Milwaukee, Wis. 53202
 Reelfoot Alfalfa Mill, Tiptonville, Tenn. 38079
 Reelfoot Packing Co., Union City, Tenn. 38261
 Regal Feed Mills, Nashville, Tenn. 37202
 Reliance Chemicals Corp., Houston, Tex. 77024
 Richland Mills, Pulaski, Tenn. 38478
 Rico Liquids, Inc., Aliceville, Ala. 35442
 Ringgold Milling Co., Clarksville, Tenn. 37042
 Rival Pet Foods, Chicago, Ill. 60632
 Riverside Oil Mill, Marks, Miss. 38646
 Riviana Foods, Inc., Abbyville, La. 70510
 Robbins Brothers, Auburn, Ky. 42206
 Robertson Corp., Brownstown, Ind. 47220
 Robertson Corp., Seymour, Ind. 47274
 Allen Robertson & Co., Louisville, Ky. 40202
 Robinson Grain Co., Union City, Tenn. 38261
 Robinson Grain Co., Hickman, Ky. 42050
 Robinson Milling Co., Somerset, Ky. 42501
 Rogers Feed Store, Corinth, Ky. 41010
 Rome Oil Mill Div., Rome, Ga. 30162
 G. P. Rose & Co., Inc., Nashville, Tenn. 37211
 Ross Feed Co., Murray, Ky. 42071
 Russell County Feed Mill, Russell Springs, Ky. 42642
 Russell Springs Milling Co., Russell Springs, Ky. 42642
 Ryde & Co., Chicago, Ill. 60609
 Ryle Feeds, Burlington, Ky. 41005
 Sandusky Mill, Harrodsburg, Ky. 40330
 Charles H. Schenck & Sons, Vincennes, Ind. 47591
 John Schlemmer, Harrison, Ohio 45030
 Schenley Distillers, Inc., New York, N. Y. 10019
 J.F. Schneider & Son, Middlesboro, Ky. 40965

- Scioto Farm Bureau Co-op Assn., Lucasville, Ohio 45648
 Scott County Milling Co., Sikeston, Mo. 63801
 Sea-Born Mineral Div. Skod, Greenwich, Conn. 06831
 Joseph E. Seagram & Sons, Inc., New York, N.Y. 10022
 Seaboard Allied Milling Corp., Kansas City, Mo. 64108
 Security Mills, Inc., Knoxville, Tenn. 37901
 Sherwin-Williams Co., Cleveland, Ohio 44101
 J. R. Short Milling Co., Mt. Vernon, Ind. 47620
 Siemer Milling Co., Teutopolis, Ill. 62467
 Sikeston Cotton Oil Mill, Sikeston, Mo. 63801
 Simpsons Milling Co., Waynesburg, Ky. 40489
 Smith-Douglass, Div. Borden, Norfolk, Va. 23501
 J. Allen Smith & Co., Inc., Knoxville, Tenn. 37917
 Smithfield Milling Co., Smithfield, Ky. 40068
 Snyder Molasses Co., Chicago, Ill. 60626
 Solar Nitrogen Chemicals, Inc., Lima, Ohio 45801
 Southern Canning Div. SMS Inc., Highlands, Tex. 77562
 Southern Cotton Oil Co., Decatur, Ala. 35601
 Southern Cotton Oil Co., Huntsville, Ala. 35804
 Southern Cotton Oil Co., Montgomery, Ala. 36101
 Southern Cotton Oil Co., New Orleans, La. 70112
 Southern Cotton Oil Co., Memphis, Tenn. 38104
 So. States Bardstown Coop., Bardstown, Ky. 40004
 So. States Boyle Coop., Danville, Ky. 40422
 So. States Campbellsville Coop., Campbellsville, Ky. 42718
 So. States Carlisle Coop., Carlisle, Ky. 40311
 So. States Frankfort Coop., Frankfort, Ky. 40601
 So. States Georgetown Coop., Georgetown, Ky. 40324
 So. States Glasgow Coop., Glasgow, Ky. 42141
 So. States Hardin Coop., Elizabethtown, Ky. 42701
 So. States Henderson Coop., Henderson, Ky. 42420
 So. States Hopkinsville Coop., Hopkinsville, Ky. 42240
 So. States LaGrange Coop., LaGrange, Ky. 40031
 So. States Lebanon Coop., Lebanon, Ky. 40033
 So. States Leitchfield Coop., Leitchfield, Ky. 42754
 So. States London Coop., London, Ky. 40741
 So. States Madisonville Coop., Madisonville, Ky. 42431
 So. States Morganfield Coop., Morganfield, Ky. 42437
 So. States Owenton Coop., Owenton, Ky. 40359
 So. States Richmond Coop., Richmond, Ky. 40475
 So. States Russellville Coop., Russellville, Ky. 42276
 So. States Coop., Baltimore, Md. 21203
 So. States Coop., Richmond, Va. 23213
 Southern Rendering Co., Shelbyville, Tenn. 37160
 Sowell Brothers Feed Mill, Cerulean, Ky. 42215
 Woodford Spears & Sons, Paris, Ky. 40361
 Spears-Kiser Co., Inc., Paris, Ky. 40361
 Specialty Feeds Inc., Horn Lake, Miss. 38637
 Spen-Well Feed Co., Winchester, Ky. 40391
 Spencer Farm Service, Taylorsville, Ky. 40071
 Spencer Kellogg, Buffalo, N. Y. 14240
 Sphar & Company, Mt. Carmel, Ill. 62863
 Square Deal Fortification Co., Kouts, Ind. 46347
 Sportsman Dog Food Co., Chicago, Ill. 60632
 A. E. Staley Manufacturing, Decatur, Ill. 62525
 Standard Brands, Inc., New York, N. Y. 10022
 Standard Brands, Inc., Chicago, Ill. 60613
 Standard Products Co., Inc., Kilmarnock, Va. 22482
 Star-Kist Foods, Inc., Terminal Island, Cal. 90730
 Stauffer Chemical Co., New York, N. Y. 10017
 Stewarts Feed Mill, Flat Lick, Ky. 40935
 F. W. Stock & Sons, Inc., Hillsdale, Mich. 49242
 Strid Grain Co., Green Bay, Wis. 54306
 Strongheart Packing Co., Chicago, Ill. 60604
 Sturgis Milling Co., Sturgis, Ky. 42459
 Summer Shade Roller Mills, Summer Shade, Ky. 42166
 Sun-Ray Feed Mills, Bowling Green, Ky. 42101
 Sun-Ray Feed Mills, Inc., Lexington, Ky. 40508
 Sunshine Biscuits, Inc., Long Island City, N.Y. 11101
 Sunshine Feed Mills, Inc., Red Bay, Ala. 35582
 Sunshine Molasses Co., Somerset, Ky. 42501
 Supreme Mills, Glasgow, Ky. 42141
 Surewill Mfg. Co., Farmington, Ky. 42040
 D. B. Sutherland & Sons, Bloomfield, Ky. 40008
 Sweet Feed Mills, Inc., Bowling Green, Ky. 42101
 Swift & Co., Pet Food, Chicago, Ill. 60604
 Swift & Co., Feed Mill, Memphis, Tenn. 38102
 Swift & Co., Oil Mill, Memphis, Tenn. 38114
 Syracuse Dehydrated Products, Syracuse, Ind. 46567
 T. & H. Feed Service, Lebanon, Ky. 40033
 Tabor Feed Mill, Columbia, Ky. 42728
 Taylor County Feed Co., Campbellsville, Ky. 42718
 Teater & Cassity, Nicholasville, Ky. 40356
 Teklad, Inc., Monmouth, Ill. 61462
 Tennessee Farmers Cooperative, LaVergne, Tenn. 37086
 Terry Lee Products, St. Paul, Minn. 55105
 Thompson & Nash, Inc., Shelbyville, Ky. 40065
 Thorobred Co., Inc., Waynesville, Ohio 45068
 Thurmonds Coal & Feed Co., Murray, Ky. 42071
 Topeka Molasses Co., Ligonier, Ind. 46767
 Mr. Toymaker Enterprises, Atlanta, Ga. 30318
 Tree City Specialties, Greensburg, Ind. 47240
 Trenton Oil Mill Co., Trenton, Tenn. 38385
 Tri-Associates, Inc., Minneapolis, Minn. 55403
 Tri-County Farm Supply, Corbin, Ky. 40701
 Tri-State Molasses Co., Inc., Nashville, Tenn. 37213
 Ultra-Life Laboratories, Inc., St. Louis, Ill. 62201
 Union City Grain Co., Sturgis, Ky. 42459
 Union Sales Corp., Columbus, Ind. 47201
 U. S. Public Health Service Hospital, Lexington, Ky. 40507
 United States Sugar Corp., Clewiston, Fla. 33440
 Usen Products Co., Woburn, Mass. 01801
 Van Camp Sea Food, Long Beach, Cal. 90812
 Vets Div. of Perk Foods Co., Chicago, Ill. 60610
 Vit-A-Way, Inc., Fort Worth, Tex. 76106
 Vita Plus Corporation, Madison, Wis. 53701
 Vitaminal Products Co., Peoria, Ill. 61603
 Vylactos Laboratories, Syracuse, Ind. 46567

Vylactos Laboratories, Inc., Des Moines, Iowa
50313
Warners Farm Supply, Somerset, Ky. 42501
Water Valley Mill, Water Valley, Ky. 42085
Watkins Products Co., Inc., Winona, Minn.
55987
Watkins Products Co., Inc., Memphis, Tenn.
38102
George Wiedmann Brewing Co., Newport, Ky.
41071
Weisenberger Mills, Midway, Ky. 40347
West Tennessee Soya Mill, Inc., Tiptonville,
Tenn. 38257
Western Grain Co., Birmingham, Ala. 35201
Martha White, Inc., Nashville, Tenn. 37203

Martha White Mills of W. Va., Huntington,
W. Va. 25706
Whitewater Flour Mills, Whitewater, Kan.
67154
Whitmer Co., Bowling Green, Ky. 42101
Whiz Pet Food Co., Seattle, Wash. 98114
R. L. Wiles Feed Mills, Inc., Nashville,
Tenn. 37210
Williamstown Roller Mill, Williamstown, Ky. 41097
Wilson & Co., Inc., Chicago, Ill. 60601
Wilson Feed Mill, Annville, Ky. 40402
Winn Milling Co., Greensburg, Ky. 42743
Woodford Feed Co., Versailles, Ky. 40383
Yopp Seed Co., Paducah, Ky. 42001
Yukon Mill & Grain Co., Yukon, Okla. 73099

AVERAGE COMPOSITION OF THE MORE COMMON FEEDSTUFFS

Feedstuff	Protein	Fat	Carbohydrates		Water	Ash
			Fiber	N.F. Extract		
Alfalfa Leaf Meal	21.0	2.8	16.0	40.5	7.7	12.0
Alfalfa Meal	14.0	2.0	30.0	36.0	9.0	9.0
Barley	12.0	2.0	5.4	67.3	10.6	2.7
Barley Feed	13.5	3.5	8.7	60.9	9.3	4.9
Beet Pulp, Dried	9.2	0.5	19.8	47.2	9.9	3.4
Blood, Dried	84.5	1.1	1.0	0.7	8.2	4.5
Bone Meal, Raw	26.0	5.0	1.0	2.5	6.4	59.1
Bone Meal, Steamed	7.5	1.2	1.5	3.2	5.7	81.3
Brewers Dried Grains	25.0	6.4	16.0	41.0	7.7	3.9
Buckwheat	10.8	2.5	10.5	62.3	12.0	1.9
Buttermilk, Dried	33.0	6.0	0.3	43.1	7.6	10.0
Buttermilk, Semi-Solid	13.4	3.0	0.0	15.9	65.0	2.7
Citrus Meal	5.9	3.1	11.5	62.7	9.9	6.9
Coconut Oil Meal	20.5	8.0	10.0	45.0	9.5	6.5
Corn	8.0	3.9	2.0	69.9	15.0	1.2
Corn Bran	9.7	7.3	9.2	62.0	9.4	2.4
Corn and Cob Meal	7.0	3.5	8.0	66.1	14.1	1.5
Crushed Ear Corn & Shucks	7.0	3.0	10.6	69.2	11.0	1.8
Corn Chops	8.0	3.5	2.0	71.0	14.0	1.5
Corn Feed Meal	8.0	4.5	3.0	71.0	11.4	2.0
Corn Germ Meal	21.0	9.0	9.0	50.7	7.0	3.3
Corn Gluten Feed	25.5	2.7	7.6	48.8	9.1	6.3
Corn Gluten Meal	43.1	2.0	4.0	39.8	8.6	2.5
Cottonseed Meal	41.5	6.3	10.4	28.1	7.2	6.5
Cottonseed Meal Solvent	41.1	2.1	11.0	31.1	9.2	6.8
Cottonseed Feed	34.6	6.3	14.1	31.5	7.6	5.9
Distillers Dried Grains, Corn	26.1	8.8	12.8	44.2	7.1	2.5
Distillers Dried Grains, Rye	24.4	5.6	11.5	48.3	6.1	22.4
Distillers Dried Solubles	28.5	9.6	4.4	42.5	7.0	7.4
Fish Meal	60.9	6.8	0.9	5.0	7.1	17.6
Flaxseed	24.0	35.9	6.3	24.0	9.2	4.3
Flaxseed Screenings Oil Feed	25.0	7.1	11.7	40.3	8.1	7.8
Hominy Feed	11.2	6.9	5.2	64.2	9.6	2.9
Lespedeza Seed	36.6	7.6	9.6	32.8	8.3	5.1
Linseed Meal	35.4	5.8	8.2	36.0	9.0	5.6
Linseed Meal Solvent	36.6	1.0	9.3	38.3	9.6	5.6
Malt Sprouts	26.8	1.3	14.2	44.3	7.4	6.0
Meat Meal, 55%	55.8	9.3	2.1	1.3	6.1	25.4
Meat & Bone Meal, 50%	51.0	10.1	2.1	1.6	6.1	29.1
Molasses, Cane	3.0	0.0	0.0	61.7	25.7	6.1
Molasses, Beet	7.8	0.0	0.0	62.1	22.0	7.0
Oats	12.0	4.6	11.0	58.6	10.4	3.4
Oat Kernels	16.0	6.4	1.6	66.0	8.0	2.0
Oat Middlings	15.9	5.2	3.3	64.6	8.6	2.4
Peanut Kernels	30.4	47.7	2.5	11.7	5.4	2.3
Peanut Meal	43.5	7.6	13.3	23.4	7.0	5.2
Peanut Meal, Solvent	51.5	1.4	5.7	27.2	8.4	5.8
Peanut Skins	15.9	22.4	10.6	42.2	6.2	2.7
Rice Bran	12.5	12.5	12.5	44.0	9.0	9.5
Rye	11.8	1.8	1.8	73.2	9.4	2.0
Rye Middlings	16.6	3.4	5.2	61.2	9.8	3.8
Skimmed Milk, Dried	34.0	1.0	0.0	51.0	6.0	8.0
Sorghum Grains	9.5	3.4	2.0	72.2	12.0	1.9
Soybean (Seed)	36.5	17.5	4.3	26.5	9.9	5.3
Soybean Meal	44.3	5.3	5.7	29.6	9.1	6.0
Soybean Meal, Solvent	46.1	1.0	5.9	31.8	9.4	5.8

AVERAGE COMPOSITION OF THE MORE COMMON FEEDSTUFFS, CONTINUED

Feedstuff	Protein	Fat	Carbohydrates		Water	Ash
			Fiber	N.F. Extract		
Meat Meal Tankage, 60%	60.6	8.5	2.0	1.8	6.9	20.2
Meat Meal Tankage with Bone 50%	51.3	11.5	2.3	2.3	6.2	26.1
Wheat	10.5	1.7	2.8	72.9	10.2	1.9
Wheat Bran	14.0	3.5	9.5	56.9	10.1	6.0
Wheat Mill Run	13.5	3.5	7.5	60.2	10.1	5.2
Wheat Middlings	15.0	3.5	7.0	58.7	10.3	5.4
Wheat Shorts	15.0	3.5	6.0	60.6	10.5	4.4
Wheat Red Dog	16.0	3.5	3.0	66.4	8.5	2.6
Wheat Flour, Patent	10.9	1.3	0.4	74.7	12.3	0.5
Wheat Germ Meal	27.8	9.2	3.3	44.4	8.9	4.5
Grain Screenings (From Wheat)	10.5	1.7	2.8	70.8	9.6	4.6
Whey, Dried	12.2	0.8	0.2	70.4	6.5	9.9
Yeast Brewers, Dried	44.9	0.7	2.7	38.8	6.2	6.9
Yeast, Irradiated, Dried	48.7	1.1	5.5	32.2	6.4	6.4

ROUGHAGES

Alfalfa Hay	14.5	2.3	29.7	36.3	8.6	8.6
Blue Grass Hay	8.2	2.5	29.8	42.5	10.5	6.5
Clover Hay, White	14.4	2.4	22.5	40.9	12.0	7.8
Clover Hay, Red	11.8	2.6	27.3	40.1	11.8	6.4
Corn Stover, Without ear	5.9	1.6	30.8	46.5	9.4	5.8
Corn Stover, With Ear	7.8	2.2	27.1	47.6	8.9	6.4
Cowpea Hay	18.6	2.6	22.5	35.1	9.9	11.3
Fescue Hay	7.0	1.9	30.3	43.2	11.8	6.8
Lespedeza Hay	13.5	2.5	28.0	40.1	10.5	5.4
Soybean Hay	15.5	2.8	26.5	38.7	9.2	7.3
Timothy Hay	6.2	2.5	29.8	45.0	11.6	4.9

FILLERS

Alfalfa Stem Meal	11.5	1.3	36.3	34.8	9.0	7.1
Corn Cob	2.3	0.4	32.1	54.0	9.6	1.6
Corn Husk or Shuck	3.4	0.9	28.2	49.6	15.0	2.9
Cottonseed Hulls	3.9	1.0	45.5	37.2	9.7	2.7
Flax Plant By-Products	6.4	2.1	44.4	33.1	8.1	5.9
Oat Mill By-Products	5.6	1.8	27.9	50.8	7.6	6.3
Oat Hull Feed	3.5	1.5	32.5	49.3	7.6	5.6
Oat Hulls	3.0	1.0	35.0	47.7	6.8	6.5
Screenings*						
Chaff and Dust **						

* Varies in quality from fair.

** Varies in quality from poor to worthless and even dangerous.

Miscellaneous Samples Analyzed in 1947- 66

Feedstuff	Protein	Fat	Fiber
Activated Sewer Sludge	29.2	6.0	6.7
Alfalfa Silage	4.0	0.9	9.5
Barley Bran	15.2	5.2	14.9
Bluegrass Chaff	7.1	1.9	28.5
Bluegrass Screenings	6.7	2.0	26.1
Blackberry Seeds	9.6	---	---
Bread	12.5	5.3	0.7
Brewers Wet Grains	10.3	1.0	3.4
Buckwheat Feed & Hulls	9.6	2.9	22.4
Cake, Ground	4.8	9.9	1.5
Cob & Shuck Meal	3.2	0.6	31.6
Cookie Meal	7.7	8.6	0.8
Corn Dust	7.1	2.7	1.7
Corn Blowings	8.7	1.9	15.7
Corn Fodder & Soybean Plant	10.1	3.9	17.0
Cracklings, Edible	67.1	28.1	1.1
Cracklings, Inedible	44.1	22.2	3.0
Distillers Thin Slop	1.4	---	---
Fescue Silage	2.8	1.3	8.9
Honey Suckle	2.8	0.02	6.0
Ice Cream Cones, Ground	9.2	1.5	0.7
Johnson Grass	7.8	0.8	37.6
Kale Seed	24.3	40.0	9.6
Korean Hay	13.9	---	---
Korean Screenings	21.9	3.6	20.8
Lespedeza Screenings	19.8	15.7	26.2
Lima Beans, Ground	21.5	1.5	6.1
Malt Hulls, Ground	10.3	1.8	22.5
Osage Orange Apple	2.5	4.3	1.7
Peanut Vine Meal	10.1	2.3	34.0
Popcorn, Ground	9.4	2.5	2.7
Popcorn, Popped and Crushed	8.4	12.8	2.9
Potato Flour	2.0	---	---
Potato Flakes	9.0	---	---
Rag Weed Seed	17.2	16.2	34.4
Sorghum, Ground (Stalk & Leaves)	4.1	2.9	19.6
Ground Unthreshed Heads of Grain Sorghum	6.4	2.1	10.5
Fescue & Clover Silage	2.0	1.0	8.0
Oat Silage	1.9	1.5	9.8
Straw Silage	6.5	3.0	19.5
Sudan Grass Silage	5.9	1.1	14.0
Sudan & Soybean Silage	2.4	0.6	7.9
Vetch Seed	26.4	0.7	7.6
Walnut Shells & Meats	13.2	24.2	27.1
Walnut Meat Skins & Small Amount of Shell	21.5	45.5	12.0
Wheat Toast, Ground	12.6	4.9	0.5
Wild Onions	6.7	0.2	1.0
Wheat Silage	4.4	1.4	22.7

UREA

The following information may be of some help to manufacturers and feeders using urea.

Urea is a white crystalline powder made by combining ammonia and carbon dioxide under pressure in equipment that will withstand high temperature.

Urea contains 46.5% nitrogen, which is equivalent to 291% protein. The commercial product "262" Feed Compound, is urea which has been diluted with other materials to prevent caking, and contains 42% nitrogen which is equivalent to 262% protein. The addition of 1 percent of this material to a dairy feed is equivalent to adding 2.62% protein. Besides urea's protein equivalent value, one must also consider its lack of energy value as compared to the common high protein feeds. An example of this, if the nitrogen in urea is used as efficiently as the nitrogen in high protein feeds, it will require approximately 14 pounds of urea, plus 100 pounds of grain to replace 100 pounds of soybean oilmeal.

Urea, when used as an ingredient in feeds sold in Kentucky is shown in the guaranteed analysis as follows: Crude Protein _____%. This includes not more than _____% equivalent crude protein from non-protein nitrogen. Crude Fat _____%. Crude Fiber _____%. One percent of "262 Feed Compound" would be 2.62% equivalent protein from non-protein nitrogen. Urea should be shown as an ingredient under "Ingredients".

Cattle, sheep, and goats are able to convert urea to a usable form through the action of micro-organisms in the rumen. The organisms convert the nitrogen of urea to protein in their cell bodies which are in turn digested by the animal.

Horses, swine, dogs, and other single-stomach animals are unable to utilize urea.

The Association of American Feed Control Officials has a regulation to the effect that urea be used in such limited quantities as to insure the total amount present shall not exceed 3 percent of the (grain) ration or 1/3 of the total protein. If a feed contains more than 3 percent of urea, the label shall bear a statement of proper usage and the following in type of such conspicuousness as to render it likely to be read and understood by ordinary individuals under customary conditions of purchase and use.

WARNING: This feed should be used only in accordance with directions furnished on the label.

CHANGES IN PRODUCT NAMES

<u>NEW NAME</u>	<u>OLD NAME</u>
Soybean Meal	Soybean Oil Meal
Linseed Meal	Linseed Oil Meal
Meat Meal	Meat Scraps
Meat Meal Tankage	Tankage or Digester Tankage
Wheat Middlings	Wheat Standard Middlings
	Wheat Gray Middling
Wheat Shorts	Wheat Brown Shorts
	Wheat Gray Shorts
	Wheat White Shorts
Wheat Mill Run	Wheat Mixed Feed
Wheat Germ Meal	Wheat Germ Oil Meal
Oat Hulls	Oat Mill By Products (If Fiber is over 22%)
Rye Mill Run	Rye Feed
Rye Flour Middlings	Rye Middlings
Soybean Mill Feed	Soybean Mill Product
Vitamin A Oil	Vitamin A Feeding Oil
Vitamin D Oil	Vitamin D Feeding Oil
Vitamin A & D Oil	Vitamin A & D Feeding Oil
Cane Molasses	Molasses
Corn Sugar Molasses	
Beet Molasses	
Citrus Molasses	
BHA (A Preservative)	Butylated Hydroxyanisole (A Preservative)
BHT (A Preservative)	Butylated Hydroxy Toluene (A Preservative)

HOW TO LABEL FEEDS CONTAINING ANTIBIOTICS FOR GROWTH PROMOTION
AND IMPROVED FEED EFFICIENCY

The labeling of feeds containing Antibiotics for growth promotion and feed efficiency was changed on January 1, 1966.

All labels for feeds containing Antibiotics must give the purpose for which the Antibiotics are used after the Brand Name of the feed. The Antibiotics are listed as Active Drug Ingredients and the percentage does not have to be shown, however, there is no objection to the percentage being shown. If the percentage is shown it should be in grams per ton thru 2000 grams and grams per pound if the amount used is over 2000 grams. Feeding directions must be shown on the label for such products. The word "Medicated" under the Brand Name is not a requirement on labels for feed containing Antibiotics for growth promotion and feed efficiency.

On labels for pre-mixes, concentrates and supplements, the percentage of Antibiotics must be shown and adequate mixing directions to provide a finished feed with the proper concentration of Antibiotics.

The Federal Additive Regulation for certain Antibiotics, Tylosin, Oleandomycin and Nystatin require quantitative guarantees regardless of the level or purpose of the Antibiotic.

A sample Type A Label is shown on page 17.

TYPE A LABEL

TO BE USED FOR FEEDS CONTAINING ANTIBIOTICS AT THE
ACCEPTED LEVELS FOR GROWTH PROMOTION AND / OR FEED
EFFICIENCY AS SET FORTH IN FOOD ADDITIVE REGULATION
121.225

100 lbs. Net Weight

**BLUE BIRD
CHICK GROWER**

For growth stimulation and feed efficiency when fed as directed.

ACTIVE DRUG INGREDIENTS:

PENICILLIN (from procaine penicillin)

BACITRACIN (from manganese bacitracin)

GUARANTEED ANALYSIS:

CRUDE PROTEIN, not less than 17.0%

CRUDE FAT, not less than ----- 3.0%

CRUDE FIBER, not more than .. 6.0%

INGREDIENTS:

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

DIRECTIONS FOR USE:

To be fed as a sole ration for growing poultry.

MANUFACTURED BY

BLUE BIRD FEED MILLS

Robin, Indiana

Type A Label

HOW TO LABEL FEEDS CONTAINING DRUGS

All labels for feeds containing Drugs must have the word "Medicated" under the Brand Name and it must be in type half the size of the type for the Brand Name.

The purpose for which the feed is used should be listed next and under this, the Active Drug Ingredients.

This label is to be used for all Medicated Feeds which contain Drugs for special purposes such as prevention of diseases, treatment of diseases, aid in control of diseases, hormone action, worming etc. This label is also used on feeds containing growth promotion drugs other than Antibiotics.

All labels for feeds containing Drugs should have feeding directions and withdrawal notices when necessary. In Pre-Mixes, Concentrates and Supplements, the feeding directions should give directions for mixing the finished feed.

A Sample Type B Label is shown on page 19.

TYPE B LABEL

TO BE USED FOR ALL MEDICATED FEEDS

100 LBS. NET WEIGHT

**BLUE BIRD
CHICK STARTER 3218****MEDICATED**

To aid in preventing outbreaks of coccidiosis. Follow feeding directions and warning statement on back of this label.

Active Drug Ingredient(s)

Nicarbazin 0.0125%

Guaranteed Analysis

Crude Protein, not less than.....20.0%

Crude Fat, not less than..... 4.0%

Crude Fiber, not more than..... 3.0%

INGREDIENTS

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

Manufactured by

BLUE BIRD FEED MILLS

Robin, Indiana

Type B Label

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1966

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Abilene Flour Mill Company, Abilene, Kansas 67410	2	2	
Adams Co. Feed & Produce, West Union, Ohio 45693	1	1	
Albany Mills, Albany, Ky. 42602	3	2	1
Albers Milling Co., 5045 Wilshire Blvd., Los Angeles, California 90036	3	3	
Albers Milling Co., Jefferson, Wisconsin 53549	1	1	
Allen Products Co., Inc., Allentown, Pa. 18104	2	2	
Allied Food Distributors, Inc., Atlanta, Ga. 30318	4	3	1
Allied Mills, Inc., Libertyville, Ill. 60048	119	98	21
Allied Mills, Inc., Memphis, Tennessee 38101	5	5	
American Crystal Sugar Co., Grand Island, Nebraska			
	1	1	
Anderson County Farm Bureau, Lawrenceburg, Ky. 40342	5	4	1
Anderson & Spilman, Danville, Kentucky 40422	1	1	
Anglo Sweet Feed Mill, Inc., Owensboro, Ky. 42301	10	8	2
Archer Daniels Midland Co., Minneapolis, Minn. 55440	6	6	
Armour Grocery Products Co., Chicago, Ill. 60606	2	2	
Ashland Milling Co., Inc., Ashland, Ky. 41101	25	17	8
Aubrey Feed Mills, Inc., Louisville, Ky. 40204	228	199	29
Auburn Mills, Auburn, Kentucky 42206	10	6	4
Auburn Roller Mills, Auburn, Kentucky 42206	2	2	
Aylor & Meyer Co., Aurora, Indiana 47001	6	5	1
Bagdad Roller Mills, Bagdad, Kentucky 40003	28	25	3
Barton Distilling Co., Bardstown, Ky. 40004	5	5	
Bates Farm Supply Co., Dry Ridge, Ky. 41035	2	2	
Baughman Milling Co., Stanford, Kentucky 40484	22	17	5
Beacon Division of Textron, Kansas City, Mo. 64116	27	25	2
James Beam Distilling Co., Clermont, Ky. 40110	1	1	
B. A. Bernard & Company, Inc., Camden, New Jersey 08104	4	2	2
Best Feeds & Farm Supplies, Oakdale, Pa. 15071	1		1
Bi-County Farm Bureau Coop, Florence, Ky. 41042	14	14	
Big Four Feed & Implement Co., Scottsville, Ky. 42164	1	1	
Big Star Products Co., Atlanta, Ga. 30302	1	1	
Bobb Brothers, Box 306, Leesburg, Ohio 45135	1	1	
Boone County Farm Supply, Walton, Ky. 41094	2	2	
Boone Feed Store, Stanford, Ky. 40484	1	1	
Browder Milling Co., Fulton, Ky. 42041	5	5	
Brown-Forman Distillers Corp., Louisville, Ky. 40201	4	4	
Bryant & Crume, Caneyville, Ky. 42721	6	4	2
Buckeye Cellulose Corp., Cincinnati, Ohio 45201	6	6	
Buhler Mills, Inc., Buhler, Kansas 67522	14	12	2
Bush Brothers & Co., Clinton, Tennessee 37716	5	5	
A. C. Butts & Sons, Fulton, Ky. 42041	3	2	1
C & L Rice Mill, Inc., DeWitt, Ark. 72042	1		1
Cadiz Milling Co., Cadiz, Kentucky 42211	13	11	2
Caneyville Roller Mill Co., Caneyville, Ky. 42721	7	6	1
Cardinal Food Products, Inc., St. Louis, Mo. 63103	3	2	1
Cargill, Inc., Cincinnati, Ohio 45204	4	3	1
Cargill, Inc., Belle Glade, Florida 33430	1	1	
Cargill, Inc., Minneapolis, Minn. 55402	2	2	
Carroll County Farm Bureau Coop., Carrollton, Ky. 41008	4	3	1
Carnation Co., Los Angeles, California 90036	5	1	4
Central Soya Co., Inc., Ft. Wayne, Indiana 46802	169	138	31
Central Soya of Clinton, Inc., Clinton, Ky. 42031	8	5	3
Chickasaw Oil Mill, Inc. Memphis, Tenn. 38101	1		1
Citizens Milling Co., Somerset, Ky. 42501	4	2	2
Clarkson Feed Store, Clarkson, Ky. 42726	1	1	
Clinton Hatchery, Clinton, Ky. 42031	3	2	1
Clinton Milling Co., Clinton, Ky. 42031	10	8	2
H. C. Cole Milling Co., Chester, Ill. 62233	5	5	
Community Milling Co., Irvington, Ky. 40146	4	4	
Community Mills, Belton, Ky. 42324	5	4	1

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1966

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Consolidated Mills, Inc., Blissfield, Mich. 49228	3	3	
Cooper Brothers, Elizabethtown, Ky. 42701	2	2	
Cooperative Mills, Inc., Baltimore, Md. 21203	36	36	
Cooperative Mills, Inc., Cincinnati, Ohio 45215	152	111	41
Crescent Roller Mills, Inc., Taylorsville, Ky. 40071	5	4	1
Cultons Seed Cleaners, Winchester, Kentucky 40391	1	1	
Custom Feed Mills, Morganfield, Ky. 42437	3	3	
Dearborn Mills, Aurora, Indiana 47001	28	26	2
Decatur Cotton Oil Co., Decatur, Alabama 35601	4	2	2
Delphos Soya Products Co., Delphos, Ohio 45833	3	3	
Delta Oil Mill, Inc., Jonestown, Miss. 38639	1	1	
W. C. Dicken & Son, Mentor, Kentucky 41060	12	11	1
Dixie Mills Co., East St. Louis, Ill. 62202	5	5	
Dixie Portland Flour Mills, Chattanooga, Tenn. 37401	3	2	1
Dog Life Packing Co., Chicago, Ill. 60603	1	1	
Duncan McFarland Farm Service, Lawrenceburg, Ky. 40342	3	3	
Dyersburg Oil Mill Co., Dyersburg, Tenn. 38024	9	9	
Early & Daniels Co., Inc., Cincinnati, Ohio 45203	83	60	23
Emge Packing Co., Inc., Fort Branch, Ind. 47533	3	2	1
F. L. Emmert Co., Inc., Cincinnati, Ohio 45214	10	9	1
John W. Eshelman & Sons, Circleville, Ohio 43113	15	14	1
John W. Eshelman & Sons, Lancaster, Pa. 17604	7	7	
Evans Milling Co. Indianapolis, Indiana 46206	3	3	
Ewing Mill Co., Brownstown, Indiana 47233	6	4	2
Famous Feed Mills, Nashville, Tenn. 37201	10	5	5
Farm Bureau Milling Co., Hammond, Ind. 46320	4	3	1
Farm Service Center, Inc., Beaver Dam, Ky. 42320	4	4	
Farm Service, Inc., Glasgow, Kentucky 42141	3	3	
Farmers Elevator Co. Feed Dept, Franklin, Ky. 42134	1	1	
Farmers Elevator Molasses Co., Franklin, Ky. 42134	1	1	
Farmers Feed Mill, Lexington, Ky. 40508	2	2	
Farmers Feed Store, Central City, Ky. 42330	3	3	
Farmers Friend Mineral Co., Napoleon, Ohio 43545	1		1
Farmers Supply, Beaver Dam, Ky. 42320	2	2	
Farmers Supply of Ohio County, Beaver Dam, Ky. 42320	1	1	
Farmers Supply Co., Springfield, Ky. 40069	1		1
Farmers Supply & Produce Co., Monticello, Ky. 42633	7	6	1
Farmington Sweet Feed Mill, Farmington, Ky. 42040	1	1	
J. H. Fedders, Inc., Covington, Ky. 41014	8	7	1
Fischer Packing Co, Louisville, Ky. 40201	3	1	2
Folsomdale Milling Co., Boaz, Ky. 42027	1	1	
Foster Canning, Inc., Napoleon, Ohio 43545	1	1	
R. T. French Manufacturers, Rochester, N. Y. 14609	7	5	2
Frosty Morn Meats, Clarksville, Tenn. 37041	5		5
Henry Fruechtenicht Co., Inc., Louisville, Ky. 40202	173	153	20
Fruen Milling Co., Minneapolis, Minn. 55403	1	1	
Fuhrer-Ford Mill Co., Inc., Mt. Vernon, Ind. 47620	5	5	
Gallatin Co. Farm Supply, Warsaw, Ky. 41095	2	2	
Garrard Mills, Lancaster, Ky. 40444	7	5	2
Garland Mills, Inc, Greensburg, Ind. 47240	1	1	
J. I. Gates Milling Co., Columbus, Ohio 43222	5	5	
General Mills, Inc, Minneapolis, Minn 55440	3	3	
General Packing Co., Waynesville, Ohio 45068	7	5	2
Germantown Milling Co., Germantown, Ky. 41044	2	2	
Gethsemani Farms, Trappist, Ky. 40073	1	1	
Gilster Milling Co., Chester, Ill. 62233	7	7	
Goldenrod Oil Mill Sales Co., Memphis, Tenn 38101	5	5	
Grant Co. Farm Supply, Dry Ridge, Ky. 41035	4	4	
Great A & P Tea Company, Minneapolis, Minn. 55404	2	2	
Great A & P Tea Company, Brookport, N. Y. 14420	3	3	
Green County Milling Co., Greensburg, Ky. 47240	1		1
Guthrie Farm Service, Harrodsburg, Ky. 40330	5	4	1
Guthrie Feed Mill, Guthrie, Ky. 40330	1	1	
Earl Hale & Son, Jasper, Ohio 45642	6	6	
Hale & Hunter Co., Chicago, Ill. 60604	2	2	

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For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Hardin County Milling Co., Elizabethtown, Ky. 42701	2	2	
Hardin Feed Mill, Hardin, Ky. 42048	3	3	
Hardy Bros. Mills, Walton, Ky. 41094	6	6	
Hardy Bros. Mills, Butler, Ky. 41006	2	2	
Harlan Farmers Supply Co., Harlan, Ky. 40831	2	2	
Harpeth Mills, Nashville, Tenn. 37203	2	1	1
Hartz Mountain Products, New York, N. Y. 10003	1	1	
Harvest Brand, Inc., Pittsburg, Kansas 66762	4	2	2
T. J. Haycraft Sales & Service, Leitchfield, Ky. 42754	4	3	1
Haydon Mill & Grain Co., Springfield, Ky. 40069	10	9	1
Heaven Hill Distilleries, Bardstown, Ky. 40004	6	6	
Dr. Heinz Co., Bloomingburg, Ohio 43106	7	6	1
Dr. Heinz Co., Washington Court House, Ohio 43160	1	1	
Henderson Feed & Commission Co., Henderson, Ky. 42420	1	1	
Burch Hester Feed Store, Hustonville, Ky. 40437	6	6	
Hi-Life Packing Co., Chicago, Ill. 60603	1	1	
Hill Packing Co., Topeka, Kansas 66601	2	1	1
Frank Hinton & Son, Plummers Landing, Ky. 41089	4	3	1
Holly Sugar Corp., Colorado Springs, Colo. 80901	1	1	
Home Milling Co., Inc., Greenville, Ky. 42345	9	9	
Hopkinsville Milling Co., Hopkinsville, Ky. 42240	2		2
Huff & Puff Pet Foods, Inc., Reedville, Va. 22539	1	1	
Iglehart Bros., Evansville, Indiana 47707	9	8	1
Illinois Cereal Mills, Inc., Paris, Illinois 61944	5	5	
Illinois Soy Products Co., Springfield, Ill. 62705	2	1	1
Independent Oil Mill, Jackson, Tenn. 38301	2	2	
Indiana Farm Bureau Coop. Assn., Indianapolis, Ind. 46204	4	4	
Industrial Molasses Corp., Leonia, N. J. 07605	1	1	
Kal-Kan Foods, Inc., Los Angeles, Calif. 90058	4		4
Kaler Milling Co., Symsonia, Ky. 42082	2		2
Kane Molasses Laboratories, Mt. Pulaski, Ill. 62548	2	2	
Keller Hay & Grain Co., Newport, Ky. 41072	3	3	
Wm. Kelly Milling Co., Hutchinson, Kansas 67501	2	2	
Ky. Animal By-Products Corp., Russellville, Ky. 42276	1		1
Ky. By-Products Corp., Louisville, Ky. 40211	5	3	2
Ky. Chemical Industries, Cincinnati, Ohio 45232	2	1	1
Ky. Dept. of Welfare, Frankfort, Ky. 40601	39	39	
Keyes Bros., Logan, Ohio 43138	1	1	
Kingston Farmers Exchange, Kingston, Ohio 45646	5	5	
Klarer of Ky., Inc., Louisville, Ky. 40201	1	1	
Ed J. Koehl, Inc., Reading, Ohio 45215	1	1	
Kraft Foods Co., Chicago, Ill. 60612	3	2	1
Lake County Oil Mill, Tiptonville, Tenn. 38257	5	3	2
Lauhoff Grain Co., Danville, Ill. 61832	1	1	
Harry L. Laws & Co., New Orleans, La. 70130	1	1	
Leland Oil Works, Leland, Miss. 38756	1	1	
Lewisburg Roller Mills, Lewisburg, Ky. 42256	4	3	1
Lexington Roller Mills, Lexington, Ky. 40506	33	28	5
Lilly Bros. Seed Co., Hopkinsville, Ky. 42240	6	6	
Lipscombs Farm Supply, Walton, Ky. 41094	1	1	
Livestock Supply Co., Owensboro, Ky. 42302	3	3	
Loftons Feed & Grain, Clay, Ky. 42404	2	2	
Louisa Supply Co., Louisa, Ky. 41230	5	3	2
Lowes Feed & Hatchery, Bowling Green, Ky. 42101	8	5	3
Lubbock Cotton Oil Mill Co., Lubbock, Tex. 79408	1		1
Magic Feed Mills, Inc., Paoli, Indiana 47454	1	1	
Marion Feed Mills, Marion, Ky. 42064	2	2	
Master Feed Corp., Lexington, Ky. 40508	1	1	
Mayfield Milling Co., Inc., Mayfield, Ky. 42066	12	10	2
Mayfield Sweet Feed Mill, Mayfield, Ky. 42066	10	10	
Mayflower Mills, Ft. Wayne, Ind. 46801	3	3	
McGahan & Co., Paintsville, Ky. 41240	6	6	

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NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
McKnight-Keaton Grocery Co., Sikeston, Mo. 63801	2	2	
McWhorter Bros., Albany, Ky. 42602	1	1	
Meadows Feed & Bldg. Supply, Clay City, Ky. 40312	4	4	
Mennen Milling Co., Fostoria, Ohio 44830	4	3	1
Metzger Bros., Paducah, Kentucky 42001	1	1	
Mid South Feeds, Nashville, Tenn. 57209	17	12	5
Mid South Milling Co., Memphis, Tenn. 38106	1	1	
Mid South Molasses Co., New Albany, Miss. 38652	1	1	
Mid State Molasses Co., Franklin, Tenn. 37046	1	1	
Middlesboro Milling Co., Middlesboro, Ky. 40965	14	11	3
Midget Mills, Somerset, Ky. 42501	4	2	2
Miller Milling Service, Bowling Green, Ky. 42101	1	1	
Mohawk Milling Co., Newport, Tenn. 38721	7	6	1
Monarch Feed Mills, Inc., Dexter, Mo. 63841	1	1	
Monarch Milling Co., Mt. Sterling, Ky. 40353	1		1
Moorman Manufacturing Co., Quincy, Ill. 62302	14	12	2
Morgan Packing Co., Inc., Austin, Indiana 47102	1	1	
Morgantown Feed Mill, Morgantown, Ky. 42261	2	2	
John Morrell & Co., Chicago, Ill. 60604	1	1	
Morristown Milling Co., Morristown, Tenn. 37814	3	2	1
Mt. Vernon Milling Co., Mt. Vernon, Indiana 47620	2	2	
Mowat, Wilson & Co., Detroit, Mich. 48235	5	5	
Murphy Grain & Milling Co., Owensboro, Ky. 42301	1	1	
Henry Nagel & Son, Cincinnati, Ohio 45214	1	1	
Nashville Cotton Oil Mill Co., Nashville, Tenn. 37202	3	1	2
National Biscuit Co., Toledo, Ohio 43603	2	2	
National Molasses Co., Oreland, Pa. 19090	1	1	
National Molasses Co., Cincinnati, Ohio 45246	2	2	
National Molasses Co., Willow Grove, Pa. 19090	7	4	3
National Molasses Co., Knoxville, Tenn. 37920	3	3	
National Oats Co., East St. Louis, Ill. 62205	9	9	
National Oats Co., Cedar Rapids, Iowa 52402	1		1
New Era Milling Co., Arkansas City, Kansas 67005	1	1	
Nicholas Co. Feeders Supply, Carlisle, Ky. 40311	1	1	
Northern Ohio Sugar Co., Denver, Colorado 80217	2	2	
Northern Ohio Sugar Co., Findley, Ohio 45840	2	2	
Northern Ohio Sugar Co., Fremont, Ohio 43420	1	1	
Charles Nunn & Sons Milling Co., Evansville, Ind. 47712	30	30	
Nutrena Mills, Inc., Minneapolis, Minn. 55402	18	16	2
Ohio Blenders, Inc., Toledo, Ohio 43611	1	1	
Orleans Canning Co., Chicago, Ill. 60603	2	1	1
Owensboro Grain Co., Owensboro, Ky. 42301	15	13	2
Owensboro Milling Co., Owensboro, Ky. 42301	33	29	4
Pacific Molasses Co., San Francisco, Calif. 94105	1	1	
Pan American Mills, Bowling Green, Ky. 42101	16	11	5
Paymaster Oil Mill Co., Bossier City, La. 71010	1	1	
Pendleton Co. Mills, Falmouth, Ky. 41040	1	1	
Perk Foods Co., Chicago, Ill. 60610	1	1	
Pierce & Williams, Hopkinsville, Ky. 42240	7	6	1
Pillsbury Co., Minneapolis, Minn. 55403	1	1	
Pilot Stores, Inc., Cincinnati, Ohio 45214	1	1	
Pittsburg Plate Glass Co., Red Wing, Minn. 55066	1	1	
Plains Coop. Oil Mill, Lubbock, Texas 79408	3	3	
Planters Manufacturing Co., Box 10, Clarksdale, Miss. 38614	1	1	
Princeton Mills, Princeton, Kentucky 42445	6	5	1
Proctor & Gamble, Cincinnati, Ohio 45201	1	1	
Provico Feeds & Concentrates, Botkins, Ohio 45306	12	10	2
Quaker Oats Co., Chicago, Ill. 60654	15	9	6
Quaker Oats Co., Memphis, Tenn. 38108	2	2	
Ralston Purina Co., St. Louis, Mo. 63199	343	300	43
Ralston Purina Co., Nashville, Tenn. 37202	5	5	
Randolph Milling Co., Bandana, Ky. 42022	3	3	
Raymondville Cotton Oil Co., Raymondville, Texas	2	2	

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Reelfoot Alfalfa Mill, Tiptonville, Tenn. 38079	3	3	
Richland Mills, Pulaski, Tennessee 38478	1		1
Rico Liquids, Inc., Aliceville, Alabama 35442	3	1	2
Rival Pet Foods, Chicago, Illinois 60632	6	5	1
Riverside Oil Mill, Marks, Miss. 38646	1	1	
Robbins Brothers, Auburn, Kentucky 42206	1	1	
Roberts Feed & Implement Stores, Hebron, Ky. 41048	1	1	
Robertson Corp., Brownstown, Ind. 47220	4	3	1
Robertson Corp., Seymour, Indiana 47274	2	2	
Allen Robertson & Co., Louisville, Kentucky 40202	7	7	
Robinson Grain Co., Union City, Tennessee 38261	3	3	
Robinson Milling Co., Somerset, Kentucky 42501	15	10	5
Rogers Feed Store, Corinth, Kentucky 41010	6	6	
G. P. Rose & Co., Inc., Nashville, Tenn. 37211	3	3	
Ross Feed Co., Murray, Ky. 42071	2	2	
Russell Springs Milling Co., Russell Springs, Ky. 42642	2	2	
Sandusky Mill, Harrodsburg, Ky. 40330	8	7	1
Charles H. Schenck & Sons, Vincennes, Indiana 47591	4	4	
John Schlemmer, Harrison, Ohio 45030	1	1	
Schenley Distillers, Inc., New York, N. Y. 10019	1	1	
Joseph Schlitz Brewing Co., Milwaukee, Wis. 53201	1		1
Scott County Milling Co., Sikeston, Mo. 63801	11	10	1
Joseph E. Seagram & Sons, Inc., New York, N. Y. 10022	1	1	
Security Mills, Inc., Knoxville, Tennessee 37901	15	13	2
Siemer Milling Company, Teutopolis, Illinois 62467	1	1	
J. Allen Smith & Co., Knoxville, Tenn. 37917	8	8	
Smithfield Milling Co., Smithfield, Ky. 40068	2	2	
Snyder Molasses Co., Chicago, Ill. 60626	1	1	
Southern Cotton Oil Co., Huntsville, Alabama 35804	2	2	
Southern Cotton Oil Co., Inc., Montgomery, Ala. 36101	2	2	
Southern Cotton Oil Co., Inc., Memphis, Tenn. 38104	2	2	
Southern States Elkton Branch, Elkton, Ky. 42220	1	1	
Southern States Hardin Coop., Elizabethtown, Ky. 42701	1	1	
Southern States Henderson Coop., Henderson, Ky. 42420	1	1	
Southern States Hopkinsville Coop., Hopkinsville, Kentucky 42240	6	6	
Southern States LaGrange Coop., LaGrange, Ky. 40031	1	1	
Southern States Lebanon Coop., Lebanon, Ky. 40033	1	1	
Southern States Leitchfield Coop., Leitchfield, Ky. 42754	1	1	
Southern States London Coop., London, Ky. 40741	1	1	
Southern States Owenton Coop., Owenton, Ky. 40359	2	2	
Southern States Somerset Coop., Somerset, Ky. 42501	1	1	
Southern States Coop., Baltimore, Md. 21203	101	93	8
Southern States Coop., Richmond, Va. 23213	2		2
Woodford Spears & Sons, Paris, Ky. 40361	9	9	
Spencer-Well Feed Co., Winchester, Ky. 40391	59	38	21
Spencer Farm Service, Taylorsville, Ky. 40071	3	3	
Spencer Kellogg, Buffalo, N. Y. 14240	1	1	
A. E. Staley Manufacturing, Decatur, Ill. 62525	6	6	
Stewarts Feed Mill, Flat Lick, Ky. 40935	6	3	3
Stronghart Packing Co., Chicago, Ill. 60604	2	2	
Sturgis Milling Co., Sturgis, Ky. 42459	12	10	2
Sun-Ray Feed Mills, Bowling Green, Ky. 42101	1	1	
Sun-Ray Feed Mills, Lexington, Ky. 40508	5	5	
Sunshine Feed Mills, Inc., Red Bay, Ala. 35582	2	2	
Sunshine Molasses Co., Somerset, Ky. 42501	3	3	
Supreme Mills, Glasgow, Ky. 42141	57	47	10
D. B. Sutherland & Sons, Bloomfield, Ky. 40008	20	12	8
Sweet Feed Mills, Inc., Bowling Green, Ky. 42101	3	3	
Swift & Co., Chicago, Ill. 60604	5	2	3

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Swift & Co., Memphis, Tenn. 38102	1	1	
Swift & Co. Oil Mill, Memphis, Tenn. 38114	1	1	
Tabor Feed Mill, Columbia, Ky. 42728	1	1	
Taylor County Feed Co., Campbellsville, Ky. 42718	3	2	1
Teater & Cassity, Nicholasville, Ky. 40356	3	2	1
Thorobred Co., Inc., Waynesville, Ohio 45068	3	1	2
Thurmonds Coal & Feed Co., Murray, Ky. 42071	2	2	
Trenton Oil Mill Co., Trenton, Tenn. 38385	11	7	4
Tri-County Farm Supply, Corbin, Ky. 40701	4	4	
Tri-State Molasses Co., Inc., Nashville, Tenn. 37213	3	3	
Union City Grain Co., Union City, Tenn. 38261	1		1
Tri-State Molasses Co., Owensboro, Ky. 42301	1	1	
United States Sugar Corp., Clewiston, Fla. 33440	1	1	
Usen Products Co., Woburn, Mass. 01801	2	1	1
Van Camp Sea Food, Long Beach, Calif. 90812	1	1	
Vets Division of Perk Foods Co., Chicago, Ill. 60610	2	2	
Wagner Bros. Feed Corp., Brooklyn, N. Y.	1	1	
Warners Farm Supply, Somerset, Ky. 42501	3	1	2
George Wiedeman Brewing Co., Newport, Ky. 41071	3	1	2
Weisenberger Mills, Midway, Ky. 40347	7	5	2
West Ninth Street Mill, Owensboro, Ky. 42301	4	4	
West Tenn. Soya Mill, Inc., Tiptonville, Tenn. 38257	4	3	1
Western Grain Co., Birmingham, Alabama 35201	5	5	
Martha White, Inc., Nashville, Tenn. 37203	1	1	
Martha White Mills of W. Va., Huntington, W. Va. 25706	16	14	2
Whitewater Flour Mills, Whitewater Kansas 67154	2	2	
Whiz Pet Food Company, Seattle, Washington 98114	1		1
Williamstown Roller Mill, Williamstown, Ky. 41097	7	7	
Wilson & Company, Chicago, Ill. 60601	1	1	
Winn Milling Co., Greensburg, Ky. 42743	4	3	1
Woodford Feed Company, Versailles, Ky. 40383	2	2	
	3006	2528	478
		84%	16%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Albany Mills, Albany, Kentucky 42602 Clinton 20% Dairy Feed	Crude Protein 20.0%	18.7%
Allied Food Distributors, Atlanta, Georgia 30318 Streak Dog Food	Crude Protein 10.0% Moisture 74.0%	7.4% 75.8%
Allied Mills, Libertyville, Illinois 60048 Wayne 36% Universal Mixer	Calcium 4.5% Crude Protein 36.0%	5.35% 43.3%
Wayne Tail Curler Rockets, Med. M-65 Pellets	Sulfamethazine .011% Chlortetracycline 100 gm/T Penicillin 50 gm/T	.0122% 68.1 gm/T 18.5 gm/T
Wayne Tail Curler Rockets, Med. M-65 Pellets	Chlortetracycline 100 gm/T Penicillin 50 gm/T	65.8 gm/T 13.3 gm/T
Wayne Tail Curler Rockets, Med. M-65 Pellets	Chlortetracycline 100 gm/T Penicillin 50 gm/T	75.0 gm/T 23.9 gm/T
Topper Cattle Supplement Pellets 50% Dairy Concentrate	Crude Protein 32.0% NPN 26%	29.7% 26.7%
Cattle Balancer	Calcium 3.0% Crude Protein 32.0%	4.4% 30.2%
Pig Balancer Medicated M-56 Pig Balancer (400) Medicated M-56	Calcium 2.0% Arsanilic Acid .045% Arsanilic Acid .045%	2.9% .0585% .0565%
Wayne Chick Mixer Medicated M-69	Penicillin 37.5 gm/T Streptomycin 187.5 gm/T Amprolium .0335%	66.1 gm/T 230.1 gm/T .0411%
Wayne Hog Supplement Wayne Pig Balancer (400) Med. M-56 Sucrene 16% Dairy "P" Pellets Wayne P-18 Layer Med. M-29 Plus 1# NF 180/Ton (Custom Mix) Wayne P-18 Layer Med. M-29 Plus 1# NF 180/Ton (Custom Mix) Wayne Dairy Mixer Wayne 42% Dairy Mixing Supplement Wayne Beef Balancer Wayne Tail Curler Rockets Med. M-65 Wayne 42% Dairy Mixing Supplement A-81 Topper Cattle Supplement Med. M-27 Pellets	Penicillin 12.0 gm/T Crude Fiber 6.0% Arsanilic Acid .045% Crude Protein 16.0% Arsanilic Acid .010% Furazolidone .0055% Arsanilic Acid .010% Furazolidone .0055% NPN 12.0% NPN 19.0% NPN 12.5% Penicillin 50 gm/T Salt 4.75% Crude Protein 32.0%	10.9 gm/T 6.8% .051% 19.9% .000 .0051% .000 .0051% 15.9% 19.8% 13.5% 25 gm/T 5.9% 29.2%
Anderson County Farm Bureau, Lawrenceburg, Ky. 40342 Anderson County 16% Dairy Feed	NPN 2.8%	3.6%
Anglo Sweet Feed Mill, Owensboro, Ky. 42301 18% Protein Pig Starter Medicated	Crude Fat 3.0% Sulfamethazine .011% Crude Fiber 8.0%	8.0% .0089% 8.8%
Ace Perfection Brand 40% Protein Pig & Hog Supplement		
Ashland Milling Company, Ashland, Ky. 41101 Ideal Pork Maker Ideal Brand 20% Protein Laying Mash		Peanut Skins Not Listed. Adulterated with Feather Meal. Peanut Skins Not Listed.
Ideal Brand 17% Protein Hog & Pig Feed (Fattening)		
24% Mi Choice Dairy Feed (Molasses) Ideal Special 24% Protein Dairy Feed (Molasses)	NPN 8.0% NPN 8.0% Crude Fiber 10.0%	13.3% 9.3% 10.6%
E & E Special 24% Protein Dairy Feed E & E 16% Dairy Feed Part Pellets 32% Ideal Dairy Concentrate	NPN 8.0% NPN 5.0% NPN 10.0%	8.9% 7.6% 20.1%
Aubrey Feed Mills, Louisville, Ky. 40204 Red "A" 33% Beef Cattle Supplement Medicated Aubrey's Red "A" Special Dog Food Red "A" Special Dog Food Red "A" H-F High Energy Broiler Ration Red "A" Broiler Finisher Pellets	NPN 10.5% Crude Protein 24.0% Crude Protein 24.0% Amprolium .0125% Amprolium .0125%	11.4% 20.9% 21.3% .0155% .0152%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Red "A" 20% Laying Pellets	Calcium 3.5%	2.8%
Red "A" Special Dog Food	Crude Protein 24%	20.5%
18% Medicated Pig Starter Pellets	Chlortetracycline 100 gm/T	79.5 gm/T
Red "A" 35% Sow Supplement Pellets	Calcium 4.0%	4.9%
	Chlortetracycline 50 gm/T	31.8 gm/T
Sow Supplement Pellets with Chlortetracycline	Chlortetracycline 50 gm/T	27.8 gm/T
Aubreys 44% Protein Solvent Extracted Soybean Meal	Crude Fiber 7.0%	8.3%
Red "A" 50% Cattle Supplement	NPN 21.0%	22.3%
Red "A" Sheep Feed (Part Pellets)	NPN 5.0%	6.0%
Red "A" 35% Sow Supplement Pellets	Calcium 4.0%	4.6%
Red "A" Broiler Finisher Pellets Medicated	Amprolium .0125%	.0146%
Red "A" 16% Sow & Pig Pellets	3-Nitro-4 .0025%	.0015%
Red "A" 18% Pig Starter Pellets, Medicated	Crude Protein 18.0%	13.3%
Red "A" 44% Dairy Supplement	Salt 3.0%	3.8%
Red "A" 36% Poultry Layer Supplement	Calcium 5.0%	6.0%
Red "A" 32% Cattle Supplement Meal	Salt 3.0%	3.7%
Red "A" 50% Cattle Supplement	NPN 20.0%	20.6%
	Calcium 2.5%	4.8%
Red "A" 16% Cage Layer Ration Crumbles	Calcium 3.10%	4.10%
Red "A" 44% Dairy Supplement	NPN 21.0%	21.7%
	Crude Fiber 8.0%	9.2%
	Salt 3.0%	3.7%
Red "A" 50% Cattle Supplement	Calcium 2.5%	3.6%
Red "A" 32% Cattle Supplement Meal	Salt 3.0%	3.6%
Red "A" 40% Hog Supplement Pellets	Calcium 4.0%	5.2%
Red "A" 36% Poultry Layer Concentrate	Calcium 5.0%	5.6%
Red "A" 40% Hog Supplement Pellets	Calcium 4.0%	5.1%
Red "A" 40% Hog Supplement Pellets	Calcium 4.0%	4.6%
Auburn Mills, Auburn, Kentucky 42206		
Leader Mixed Feeds	Crude Protein 14.0%	13.4%
Leader Wheat Bran	Crude Fiber 8.0%	8.6%
Leader Wheat Shorts with Ground Wheat Screenings	Crude Protein 15.0%	13.7%
Leader Mixed Feed	Crude Protein 14.0%	13.0%
Aylor & Meyer Company, Aurora, Indiana 47001		
Rainbow Dairy Ration	Crude Protein 16.0%	14.9%
Bagdad Roller Mills, Bagdad, Ky. 40003		
Rocket Age 16% Shoat Grower Medicated	Penicillin 4.0 gm/T	1.9 gm/T
Rocket Age 16% Dairy Pellets	Crude Protein 16.0%	13.9%
Rocket Age 32% Dairy Concentrate	NPN 10.75%	12.7%
Baughman Milling Company, Stanford, Ky. 40480		
Big B 24% Dairy Feed	NPN 7.86%	12.1%
Big B 24% Dairy Feed	Crude Protein 24%	23.3%
Banner Special 16% Dairy Feed		Not Registered Not Registered, Adulterated w/ weed seed morning glory, poisonous corn cockle. Rye Not Listed.
Big B Hen Feed		22.8%
Banner "Special" 16% Dairy Feed	Crude Protein 16.0%	
Beacon Division of Textron, Inc., Kansas City, Mo. 64116		
Professional Pro-Las Hog Supplement 2125	Streptomycin 60 gm/T	10.3 gm/T
Professional Pig Manna 2100 Medicated	Crude Fiber 8.0%	8.6%
	Arsanilic Acid 0.020%	.0034%
Professional Karmel 40	Crude Protein 40.0%	38.9%
B. A. Bernard & Company, Camden, N. J. 08104		
Trim Beef By-Products Dog Food	Crude Fat 6.0%	9.1%
Trim Horsemeat Meat By-Products Dog Food	Crude Fat 4.0%	7.9%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Best Feeds & Farm Supplies, Inc., Oakdale, Pa. 15071 Dr. Jacks Dog Food (Part Pellets)	Crude Protein 26.0%	22.4%
Bryant & Crume Milling Co., Caneyville, Ky. 42721 12½ Hog Fattener Medicated Gold Medal 40% Hog Concentrate Medicated	Arsanilic Acid 0.01% Salt 3.0% Calcium 3.5%	0.0058% 5.7% 2.3%
Buhler Mills, Inc., Buhler, Kansas 67522 Cracker Jack 24% Sweet Dairy Feed Cracker Jack Sweet Dairy Crunch "16"	NPN 7.86% NPN 5.24%	8.5% 6.5%
A. C. Butts & Sons, Fulton, Ky. 42041 Butts Dairy Feed	NPN 2.0%	4.8%
Cadiz Milling Company, Cadiz, Ky. 42211 Check-R-Mix Pig Starter (SD) Med. Pellets Check-R-Mix Growing Feed (All Mash) SB Pellets	Crude Fiber 6.0% Crude Fiber 6.0%	7.4% 8.2%
Caneyville Roller Mills, Caneyville, Ky. 42721 Ky. Farm 16% Dairy Feed	Crude Protein 16%	13.4%
Cardinal Food Products, St. Louis, Mo. 63103 Pointer Dog Food	Crude Fat 2.0% Crude Protein 10.0%	0.3% 7.8%
Cargill, Inc., Cincinnati, Ohio 45204 Cane Molasses	Invert Sugar 48.0% Brix 79.5%	47.1% 72.6%
Carnation Co., Los Angeles, California 90036 Friskies Fish Flavor Cat Food Friskies Chicken Flavor Cat Food Friskies For Cats Liver and Chicken with Broth Friskies Fish Flavor Cat Food	Crude Fat 2.0% Crude Fat 2.0% Crude Fat 5.0% Crude Fat 2.0%	5.8% 5.6% 9.2% 4.5%
Carroll Co. Farm Bureau Cooperative, Carrollton, Ky. 41008 Special Dairy Feed	NPN 4.0%	3.3%
Central Soya, Inc., Ft. Wayne, Indiana 46802 Beef-20 (734) Cattle Blend Concentrate 764M Sweet Bulk "N" Flakes 648 Master Mix Bulk 'N' Flakes 648 Master Mix Bulk 'N' Flakes 648 Pig Grower Concentrate 859-01B Medicated Master Mix Sweet Bulk 'N' Flakes 648 Sweet Bulk 'N' Flakes Master Mix Sweet Bulk 'N' Flakes 648 Master Mix 40% Steer Mixer Concentrate Medicated Master Mix Go Getter Concentrate Blended Fifty Bulk 'N' Flakes Master Mix Blended Fifty 675 36% Soft Corn Concentrate M M Chick Concentrate Master Mix Egg Concentrate 263 Master Mix Pig Grower Concentrate 859-01B Med. Master Mix Pig Grower Concentrate 859-01B Med. Master Mix Big M Dairy Feed (Meal & Pellets) Master Mix 35% Hog Concentrate 873 (Pellets) Master Mix Gro-Getter Concentrate 767-N-37A Med. Master Mix Layer Ration Concentrate 269 Master Mix Sweet Bulk 'N' Flakes 648 (Large Flakes) Master Mix 38% Dairy Concentrate 671 Master Mix 38% Dairy Concentrate 671 Master Mix Bloom 'N' Gain Concentrate 765 N Master Mix 38% Dairy Condentrate 671 Master Mix Sow Concentrate 853 Master Mix 35% Hog Concentrate 873	Crude Protein 20.0% NPN 20.0% Crude Fiber 18.0% Crude Fiber 18.0% Crude Fiber 18.0% Crude Fiber 18.0% Penicillin 10.5 gm/T Crude Fiber 18.0% Crude Protein 10.0% Crude Fiber 18.0% Crude Protein 40.0% Crude Fiber 15% Crude Fiber 10.0% Crude Protein 50.0% Crude Fiber 18.0% Crude Protein 50.0% Penicillin 10.5 gm/T Penicillin 6 gm/T Crude Fiber 7.0% Calcium 5.0% Streptomycin 52.5 Gm/T Arsanilic Acid 0.050% Crude Fiber 15.0% Crude Protein 35.0% Crude Fiber 10.0% Crude Fiber 5.0% Crude Fiber 18.0% NPN 13.2% Calcium 4.0% Crude Fiber 7.0% NPN 13.2% Calcium 4.5% Calcium 5.1%	25.1% 23.4% 20.6% 20.1% 22.3% 100.1 gm/T 21.2% 16.6% 20.4% 38.9% 16.0% 10.6% 47.9% 19.9% 49.0% 7.6 gm/T 4.0 gm/T 8.0% 5.6% 61.3 gm/T .0425% 16.4% 31.2% 11.4% 6.2% 21.1% 15.3% 5.1% 8.1% 13.8% 5.1% 6.0%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Master Mix HQ Master Blended Concentrate 667	Calcium 4.0%	4.9%
Central Soya of Clinton, Clinton, Ky. 42031 Masco 40% Hog Supplement Medicated	Penicillin 10.5 gm/T Streptomycin 52.2 gm/T Crude Protein 40.0%	7.6 gm/T 19.9 gm/T 39.0%
Masco 40% Hog Supplement Medicated	Penicillin 10.5 gm/T Streptomycin 52.5 gm/T Crude Protein 20.0%	13.4 gm/T 23.2 gm/T 19.3%
Masco 20% Protein Layer Medicated	Calcium 2.5% Arsanilic Acid .020%	1.5% .0033%
Chickasaw Oil Mill, Memphis, Tennessee 38104 41% Protein Cottonseed Meal Prime Quality	Crude Fiber 14.0%	14.8%
Citizens Milling Company, Somerset, Ky. 42501 16% Cumberland Mixed Feed 16% Cumberland Mixed Feed	Crude Protein 16.0% Crude Protein 16.0%	13.9% 13.2%
C & L Rice Mill, Inc., DeWitt, Arkansas 72042 Rice Bran	Crude Fat 12.0%	16.5%
Clinton Hatchery, Clinton, Ky. 42031 New Deal 44% Protein Hog Supplement (Pellets)	Crude Fiber 6.0%	6.6%
Clinton Milling Co., Clinton, Ky. 42031 Masco 12% Hog Finisher, Med. Pellets Masco 40% Hog Supplement Med. Pellets	3-Nitro-4 .0033% Crude Protein 40.0%	.0047% 38.6%
Community Mills, Belton, Ky. 42324 Johnsons 16% Dairy Feed	Crude Protein 16.0%	13.3%
Cooperative Mills, Cincinnati, Ohio 21203 Pro Blend "50"	Crude Protein 50% Salt 3.0%	55.1% 2.2%
Pig Aid Medicated (Int. Pellets) Turkey Pre-Starter Medicated	Chlortetracycline 100 gm/T Crude Protein 30.0%	45.4 gm/T 28.8%
Pig Aid, Medicated Pellets Hi-Blend (Cattle Supplement) Calf Developer	Oxytetracycline 100 gm/T Chlortetracycline 100 gm/T Salt 5.0%	0.00 74.89 gm/T 3.7%
Pro Blend "50" 40% Pork Maker Pig Starter Medicated S (For Swine Only)	Salt 3.0% Phosphorus 1.75% Penicillin 50 gm/T Chlortetracycline 100 gm/T Amprolium 0.006%	Adulterated w/ unground weed seeds. 2.3% 1.10% 31.0 gm/T 55.59 gm/T 0.0074%
Starting & Growing Mash Medicated (A) Pro Blend "50" Hi Blend (Cattle Supplement) Pig Aid Medicated (For Swine Only) Pellets 40% Pork Maker	Salt 3.0% Salt 5.0% Penicillin 50 gm/T Phosphorus 1.75% Calcium 3.0% Salt 5.0%	2.4% 4.2% 32.1 gm/T 0.80% 2.2% 3.7%
Hi Blend (Cattle Supplement) 40% Pork Maker Pellets Pro Blend "50" Hi Blend 40% Poultry Supplement Medicated 38% Sow & Pig Supplement Medicated 40% Pork Maker	Phosphorus 1.75% Salt 3.0% Salt 5.0% Calcium 4.0% Salt 2.25% Calcium 3.0% Phosphorus 1.75%	1.10% 2.2% 3.5% 3.4% 2.8% 2.1% 0.96%
Pro Blend "50" Pig Starter Medicated (Pellets) Super Blend "65" Super Blend "65" Super Blend "65" Gro N Show (Part Pellets) 38% Sow & Pig Supplement Medicated	Salt 3.0% Arsanilic Acid 0.01% Calcium 4.0% Crude Protein 65.0% Calcium 4.0% Crude Protein 13.0% Penicillin 15.0 gm/T Calcium 3.5%	2.4% 0.0145% 4.6% 70.8% 4.8% 19.0% 18.8 gm/T 4.4%
Super Blend "65" Super Blend "50"	Crude Protein 65.0%	70.3%
	Crude Protein 50.0%	55.5%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
40% Poultry Supplement Medicated	Arsanilic Acid 0.035%	0.050%
Pig Aid Medicated Pellets For Swine Only	Crude Fiber 3.0%	4.2%
Super Blend "65"	Calcium 4.0%	4.9%
38% Sow & Pig Supplement Medicated	Calcium 3.5%	4.5%
	Arsanilic Acid 0.040%	0.0515%
	Penicillin 15.0 gm/T	7.20 gm/T
38% Sow & Pig Supplement Medicated Pellets	Calcium 3.5%	4.1%
	Penicillin 15 gm/T	7.0 gm/T
38% Sow & Pig Supplement Medicated	Calcium 3.5%	4.6%
All Mash Laying Ration Medicated Crumbles	Arsanilic Acid 0.01%	0.0132%
Forage Extender	NPN 1.4%	4.8%
	Crude Protein 12.0%	18.8%
Co-Lass Mix	Invert Sugar 42.0%	37.3%
Super Blend "65"	NPN 36.0%	38.4%
Super Blend "65"	NPN 36.0%	36.6%
Crescent Roller Mills, Inc., Taylorsville, Ky. 40071		
Crescent 50 Dairy Supplement	NPN 20.96%	22.7%
Dearborn Mills, Aurora, Indiana 47001		
Dearborn Sweet 16 Dairy	NPN 5.24%	5.9%
Success Dog Food	Crude Fat 3.5%	5.9%
Decatur Cotton Oil Company, Decatur, Alabama 35601		
41% Protein Cottonseed Meal	Crude Fiber 14.0%	14.8%
41% Protein Cottonseed Meal		Contained 5% wheat bran, 5% SBM, 10% Distillers Grains.
W. C. Dicken & Son, Mentor, Ky. 41060		
Sunny Grain Brand Chick Starter Medicated	Crude Protein 23.0%	21.3%
Dixie Portland Flour Co., Inc, Chattanooga, Tenn. 37401		
Red Lion Shorts	Crude Fiber 7.0%	8.0%
Early & Daniels Co., Inc., Cincinnati, Ohio 45203		
Tuxedo 20% Range Cubes	Crude Protein 20.0%	25.6%
	NPN 6.55%	8.0%
Tuxedo 44% Dairy Supplement	Crude Protein 44.0%	49.5%
	NPN 22.0%	26.9%
	NPN 6.0%	9.3%
	NPN 4.0%	6.9%
Tuxedo 24% Coarse Dairy (Part Pellets)	Penicillin 4.0 gm/T	1.5 gm/T
Tuxedo Moremilk 16% Dairy	3-Nitro-4 0.0050%	0.0098%
Tuxedo Starter & Grower Medicated (Bitty Bits)	Penicillin 4.0 gm/T	2.3 gm/T
Tuxedo Turkey Starter # 2 Medicated	Crude Fiber 3.0%	3.7%
Pig Grower Medicated	Chlortetracycline 100 gm/T	76.0 gm/T
Medicated Pig Starter Pellets	Penicillin 50 gm/T	34.8 gm/T
	Crude Fiber 8.5%	9.7%
44% Dairy Supplement	Calcium 1.50%	0.90%
Tuxedo 33% Dairy Supplement	Crude Fiber 8.5%	10.3%
Tuxedo 32% Dairy Supplement	Crude Fiber 8.5%	10.2%
Tuxedo 44% Dairy Supplement	Calcium 1.75%	1.00%
	Salt 2.0%	1.40%
Tuxedo Starter & Grower Medicated	Nitrofurazone 0.0560%	0.00480%
	Salt 2.50%	3.40%
Tuxedo Big Forty Hog Supplement		Feather Meal Not Listed.
Tuxedo Complete Layer Ration-W Medicated	Crude Protein 16.0%	15.10%
Tuxedo Chick Starter # 2 Medicated	Crude Protein 20.0%	17.6%
Tuxedo 44% Dairy Supplement	Crude Fiber 8.5%	9.3%
Tuxedo 33% Dairy Supplement	Crude Fiber 8.50%	9.10%
Tuxedo Turkey Starter # 2 Medicated	Crude Protein 28.0%	26.9%
Tuxedo Complete Layer Ration H Medicated	Calcium 3.50%	4.30%
Tuxedo 37% Turkey Grower Finisher Supplement	Calcium 2.85%	3.80%
Tuxedo 35% Pig & Sow Supplement (Pellets)	Crude Protein 35.00%	34.2%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Tuxedo 44% Dairy Supplement	Crude Fiber 8.50%	9.70%
Emge Packing Co., Inc., Ft. Branch, Indiana 47533 Emge 60% Protein Tankage	Crude Fat 8.00%	7.20%
F. L. Emmert Co., Inc., Cincinnati, Ohio 45214 24% Molasso-Malt	Crude Protein 24.00% Crude Fat 5.00%	20.80% 4.10%
John W. Eshelman & Sons, Circleville, Ohio 43113 Red Rose 16% Dairy Feed 519 Coarse Part Pellets	Crude Fiber 8.50%	9.10%
Ewing Mill Co., Brownstown, Indiana 47233 Triple-R-Dog Food Triple-R-Dog Food	Crude Protein 25.00% Crude Protein 25.00%	29.6% 28.8%
Farm Bureau Milling Co., Hammond, Indiana 46320 Porkmaker	Oxytetracycline 50 gm/T	23.9 gm/T
Farmers Friend Mineral Co., Napoleon, Ohio 43545 Farmers Friend B-21 Mineral Feed	Salt 6.0%	7.30%
Farmers Supply Company, Springfield, Ky. 40069 14% Dairy Feed	Crude Protein 14.00%	8.50%
Farmers Supply & Produce Co., Monticello, Ky. 42633 Profit Maker 16% All Mash Laying Ration Med.	Arsanilic Acid 0.0080%	0.0097%
Famous Feed Mills, Nashville, Tennessee 37201 Golden Gain Egg Layer Golden Gain Brand Pig & Hog Ration Pellets Golden Gain 40% Hog Supplement (Pellets) Famous 40% Hog Supplement Famous 44% Dairy Supplement	Crude Protein 20.0% Crude Fiber 6.00% Crude Protein 40.0% Crude Fiber 7.00% Crude Protein 44.0% Crude Fiber 9.0%	17.20% 7.10% 36.70% 8.40% 37.00% 11.0%
J.H. Fedders, Inc., Covington, Ky. 41014 Fedco 16% Dairy Feed		Not Registered
Fischer Packing Co., Louisville, Ky. 40201 50% Meat Meal with Bone Ky. 60% Protein Meat Meal Tankage	Crude Fat 5.00% Crude Fat 5.00%	8.80% 8.70%
R. T. French Manufacturers, Rochester, New York 14609 Canary Bird Seed French's Canary Bird Seed	Crude Fat 10.00% Crude Fat 10.00%	15.2% 16.2%
Frosty Morn Meats, Clarksville, Tennessee 37041 50% Meat & Bone Meal 50% Meat & Bone Meal 50% Meat & Bone Meal 50% Meat & Bone Meal 50% Meat & Bone Meal	Crude Fat 4.00% Crude Fat 8.00% Crude Fat 8.00% Crude Fat 8.00% Crude Protein 50.00% Crude Fat 4.00% Crude Fiber 3.00% Phosphorus 3.00%	13.10% 12.6% 11.50% 11.85% 46.30% 9.50% 3.60% 5.61%
Henry Fruechtenicht Co., Inc., Louisville, Ky. 40202 Producer Super "A" Medicated Pellets Producer 44% Beef Supplement Producer 24% Dairy Feed Producer 33% Dairy Concentrate Producer 16% Special Dairy Feed Producer Calf Ration Medicated Producer 20% Starter & Grower Medicated Producer 33% Dairy Concentrate Pig Grower Medicated	Chlortetracycline 140 Gm/T NPN 18.4% NPN 7.86% NPN 10.5% Crude Fiber 8.0% Chlortetracycline 50 gm/T Nitrofurazone 0.0055% Furazolidone 0.0008% Calcium 2.0% Crude Fiber 3.50%	20.9 gm/T 21.40% 9.90% 12.9% 8.6% Excess Pelleted Cobs In Relation To Corn Present 0.00 0.0022% 0.0003% 3.8% 4.3%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Dairy Balancer Pellets	Crude Protein 41.0%	46.1%
44% Beef Supplement CM 20000 UTA	Crude Protein 44.0%	43.3%
Producer Special Dairy Feed		Very Small Amount of Corn in Relation to Pellet Cob Present.
Producer Pig Grower Medicated Pellets	Crude Fiber 4.0%	5.1%
	Arsanilic Acid 0.01%	0.0136%
Producer Pig Grower Medicated Pellets	Crude Fiber 4.0%	4.8%
Producer 32% Beef Supplement	NPN 7.86%	9.10%
Producer Beef Balancer	NPN 13.6%	15.2%
Producer Mineral Mix	Calcium 22.0%	22.8%
Producer 22% Beef Supplement	NPN 7.86%	9.0%
	Crude Protein 32.0%	39.6%
Producer 24% Dairy Feed	NPN 7.86%	10.0%
Producer Beef Mixer	NPN 39.3%	42.2%
	Crude Protein 60.0%	65.4%
Garrard Mills, Lancaster, Ky. 40444		
Garrard 24% Dairy Feed	NPN 7.8%	8.7%
Glen Lily Farm Feed	Crude Fiber 6.0%	7.1%
General Packing Company, Waynesville, Ohio 45068		
Mid West Beef & Beef By-Products for Dogs	Crude Fat 4.0%	15.8%
Mid West Horsemeat - Meat By-Products for Dogs	Crude Fat 4.0%	17.6%
Green Co. Milling Company, Greensburg, Ky. 42743		
16% Dairy Feed	Crude Fiber 9.0%	10.0%
Guthrie Farm Service, Harrodsburg, Ky. 40330		
12% Dairy Feed	NPN 0.50%	3.8%
Harpeth Mills, Nashville, Tennessee 37203		
Peerless 40% Hog Supplement Pellets	Crude Protein 40.0%	37.8%
Harvest Brand, Inc., Pittsburg, Kansas 66762		
Stockade Stock-O-Lass Block	Salt 19.0%	17.0%
	Invert Sugar 30.0%	25.5%
Stockade Stock-O-Lass Block	Invert Sugar 42.0%	37.8%
J. T. Haycraft Sales & Service, Leitchfield, Ky. 42754		
Haycraft's 16% Dairy Feed	Crude Fiber 10.0%	13.5%
Haydon Mill & Grain Co., Springfield, Ky. 40069		
Magic 20% Sweet Dairy Feed	Crude Protein 20.0%	19.1%
Dr. Heinz Co., Inc., Bloomingburg, Ohio 43106		
Heinz Nu-Way 45% Dairy Mixer Concentrate	Salt 2.5%	3.5%
Hill Packing Company, Topeka, Kansas 66601		
Hills Horse Meat with Gravy	Crude Fat 4.0%	6.3%
Frank Hinton & Sons, Plummers Landing, Ky. 41081		
Double M Brand 16% Dairy	NPN 1.7%	3.0%
	Crude Fat 9.5%	3.1%
	Crude Fiber 9.5%	11.1%
Hopkinsville Milling Company, Inc. Hopkinsville, Ky. 42240		
Wheat Bran & Screenings		Not Registered.
Wheat Shorts with Ground Wheat Screenings		Not Registered.
Iglehart Brothers, Evansville, Indiana 47707		
Wheat Bran	Crude Fiber 11.0%	11.60%
Illinois Soy Products Co., Springfield, Illinois 62705		
41% Protein Expeller Soybean Meal	Crude Fat 4.0%	6.7%
	Crude Fiber 7.0%	8.1%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Kaler Milling Co., Symsonia, Ky. 42082 Horse Feed A 16% Protein Milking Dairy Feed	Crude Protein 12.0%	9.8%
	Crude Protein 16.0%	12.9%
Kal Kan Foods, Inc., Los Angeles, California 90058 Kal Kan Chicken Parts with Broth Kal Kan Chunk Beef & Meat By-Products Kal Kan Chunk Beef & Meat By-Products with Gravy Kal Kan Chicken Parts with Broth	Crude Fat 4.5%	9.6%
	Crude Protein 12.0%	10.4%
	Crude Fat 4.0%	7.2%
	Crude Protein 12.0%	10.5%
	Crude Fat 4.0%	8.7%
	Crude Protein 10.5%	9.2%
	Crude Fat 4.5%	11.5%
Kentucky Animal By-Products Co., Inc., Russellville, Ky. 42276 Blue Ribbon Brand 50% Meat and Bone Meal	Crude Fat 10.0%	16.1%
Kentucky By-Products Corp., Louisville, Ky. 40211 Dri-Molass 24% Brewers Dried Grains Dri-Molass	Crude Protein 7.0%	13.0%
	Crude Fiber 8.0%	9.9%
	Invert Sugar 42.0%	32.7%
		Adulterated With Rice Hulls. Con- tained Charred Rice Hulls.
	Crude Fiber 8.0%	9.6%
Kentucky Chemical Industries, Cincinnati, Ohio 45232 50% Meat & Bone Meal with Poultry Products	Crude Fat 4.0%	8.4%
Kraft Foods Company, Chicago, Illinois 60612 Kraft Complete Pig Pre-Starter Pellets Med.	Crude Fat 5.5%	8.0%
Lake Co. Oil Mill, Tiptonville, Tenn. 38257 Prime Quality Solvent Extracted 41% Crude Protein Cottonseed Meal Prime Quality Solvent Extracted 41% Crude Protein Cottonseed Meal	Crude Fiber 14.0%	14.9%
	Crude Fiber 14.0%	14.7%
Lewisburg Roller Mills, Lewisburg, Ky. 42256 44% Dairy Supplement	Calcium 3.25% NPN 20.96%	2.10% 22.2%
Lexington Roller Mills, Lexington, Ky. 40506 Thoroughbred Porkmaker Hog Feed Thoroughbred Layer Mash "20" Thoroughbred Layer Mash "20" Thoroughbred Porkmaker Hog Feed Thoroughbred Wheat Shorts with Ground Wheat Screenings	Streptomycin 7.5 gm/T	1.3 gm/T
	Crude Protein 20.0%	25.1%
	Salt 1.25%	2.1%
	Crude Fiber 4.0%	5.5%
	Crude Fiber 7.0%	8.80%
Louisa Supply Co., Inc., Louisa, Ky. 41230 Louisa Hominy Feed Louisa Hominy Feed	Crude Protein 9.0%	8.4%
	Crude Fat 7.0%	3.1%
	Crude Fat 7.0%	4.3%
Loves Feed & Hatchery, Bowling Green, Ky. 42101 42% Pig Concentrate Medicated 50% Dairy Concentrate 42% Pig Concentrate Medicated	Penicillin 17.5 gm/T	9.81 gm/T
	Crude Protein 50.0%	48.9%
	Penicillin 17.5 gm/T	8.4 gm/T
Lubbock Cotton Oil Mill Co., Lubbock, Texas 79408 Lucko 41% Protein Cottonseed Meal	Crude Protein 41.0%	38.3%
	Crude Fiber 14.0%	16.1%
Mayfield Milling Co., Mayfield, Ky. 42066 Pig Starter Medicated Gro-Fast Pig Starter Medicated Pellets	Chlortetracycline 100 gm/T	0.00
	Penicillin 50 gm/T	0.00
	Crude Fiber 2.0%	2.9%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
The Mennel Milling Company, Fostoria, Ohio 44830 Memo Wheat Middlings with Ground Wheat Screenings		Adulterated Mixed Screenings
Midget Mills, Somerset, Ky. 42501 White Rose 16% Dairy Feed 13% Protein Stock Feed	NPN 5.3% Crude Protein 13.0%	8.1% 11.9%
Middlesboro Milling Co., Middlesboro, Ky. 40965 Reliable 24% Dairy Feed Reliable 24% Dairy Feed Reliable 24% Dairy Feed	Crude Protein 24.0% Crude Protein 24.0% Crude Protein 24.0% Salt 1.50%	20.6% 19.5% 21.1% 0.5%
Mid-South Feeds, Inc., Nashville, Tennessee 57209 Mid-South Pig Grower Med. Pellets Mid-South Hog Concentrate 38 (Pellets) Mid-South Medicated Pig Starter Pellets Mid-South 32% Dairy Concentrate Mid-South 44% Dairy Concentrate	Arsanilic Acid 0.01% Crude Protein 38.0% Salt 0.50% Calcium 1.0% Penicillin 50.0 gm/T Crude Fiber 7.50% Crude Protein 44.0% Crude Fiber 5.0%	0.002% 35.6% 1.6% 1.9% 30.5 gm/T 10.3% 54.0% 5.6%
Mohawk Roller Mills, Mohawk, Tennessee 38710 Mohawk Scratch Feed		Morning Glory & Corn Cockle Seed Present
Monarch Milling Company, Mt. Sterling, Ky. 40353 Monarch 16% Dairy	NPN 1.83%	4.0%
Moorman Mfg. Co., Quincy, Ill. 62302 Moorman's Premix for Dairy Cows Code 721B Moorman's Ready-To-Feed Worm Doze Med. (156A)	Crude Protein 80.0% Crude Protein 15.0%	86.3% 20.1%
Morristown Milling Co., Morristown, Tenn. 37814 Gro-Port 45 Suppl. (K1) Med.	Arsanilic Acid 0.050% Chlortetracycline 80.0 gm/T	0.028% 41.8 gm/T Not Registered.
Nashville Cotton Oil Mill Corp., Nashville, Tenn. 37202 41% Protein Solvent Extr. Cottonseed Meal 41% Protein Solvent Extr. Cottonseed Meal	Crude Fiber 14.0% Crude Fiber 14.0%	15.6% 15.1%
National Molasses Co., Willow Grove, Pa. 19090 Blackstrap Molasses Feed Cane Molasses Molasses	Sugar (invert) 48.0% Sugar (invert) 48.0% (Brix) 79.5% Sugar (invert) 48.0% (Brix) 79.5%	35.9% 42.5% 71.7% 38.3% 74.0%
National Oats Co., Cedar Rapids, Iowa 52402 Red-3 Ground Oat By-Product		Not Registered.
Nutrena Mills, Inc., Minneapolis, Minnesota 55402 Pig 38, Concentrate (U) Med. Hog Supplement (A) Medicated	Chlortetracycline 400 gm/T Streptomycin 67.5gm/T	190.7 gm/T 49.0 gm/T
Orleans Canning Co., Chicago, Ill. 60603 Orleans Chopped Horsemeat and Meat By-Products	Crude Fat 6.0%	8.6%
Owensboro Grain Co., Owensboro, Kentucky 42301 Ograco 44% Soybean Meal Ograco 50% Soybean Meal	Crude Protein 44.0% Crude Fiber 3.0%	49.1% 3.7%
Owensboro Milling Co., Owensboro, Kentucky 42301 Sugar Lassie Dairy Feed TruTest 14% Hog Developer Custom Mix Med TruTest 36% Pig & Sow Concentrate (L/M) Med. Pellets Feeders Friend 32% Beef Cattle Suppl. (Pellets)	Crude Protein 16.0% Oxytetracycline 50.0 gm/T Penicillin 13.1 gm/T Streptomycin 65.6 gm/T NPN 14.1%	23.1% 91.5 gm/T 7.0 gm/T 25.6 gm/T 16.5%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Pan American Mills, Bowling Green, Ky. 42101 Booster 40% Hog Supplement	Crude Protein 40.0% Arsanilic Acid 0.050% Penicillin 12.5 gm/T Arsanilic Acid 0.010%	37.4% 0.0045% 0.00 0.0019% Not Registered
18% Sow & Pig Medicated 16% Dairy Feed		2.8 gm/T 0.00 0.00
12% Hog Finisher 18% Chick Starter-Grower Medicated	Streptomycin 9.5 gm/T Arsanilic Acid 0.01% Sulfaquinoxaline 0.0150	
Pierce & Williams, Hopkinsville, Ky. 42240 Pierce & Williams Check-R-Mix Hog Grower (SA) 3N Medicated	3-Nitro-4 0.0055%	0.0
Princeton Mills, Princeton, Ky. 42445 Check-R-Mix Hog Feed E		Not Registered
Provico Feeds & Concentrates, Botkins, Ohio 45306 Provico Big M Cattle Supplement	Crude Fiber 6.0% Salt 8.0% NPN 5.3%	6.8% 2.8% 7.2%
Provico Big V Dairy (Pellets)		
Quaker Oats Co., Chicago, Illinois 60654 Puss-N-Boots Original Flavor Cat Food Puss-N-Boots Gourmet Fish & Broth Puss-N-Boots Horsemeat & Gravy Puss-N-Boots Pro Sweet 32 (FF2) M (Medicated)	Crude Fat 2.0% Crude Fat 4.5% Crude Fat 5.5% Crude Protein 32.0% NPN 10.3% Arsanilic Acid 0.040% Penicillin 12.0% Streptomycin 80.0 gm/T Crude Fiber 10.0%	4.5% 11.1% 9.2% 37.0% 11.9% 0.0143% 2.9% 0.00 10.8%
Gro-Pig Supplement (K3P2) M (Medicated)		
Ful-O-Pep Cattleizer Beef Supplement (D10FF2) Medicated Pellets		
Ralston Purina Co., St. Louis, Mo 63199 Purina Hog Chow	Crude Protein 36.0% Oxytetracycline 50.0 gm/T Crude Protein 32.0% Oxytetracycline 50.0 gm/T Crude Protein 30.0% Calcium 3.0% 3-Nitro-4 0.025% Oxytetracycline 50.0 gm/T Crude Protein 30.0% 3-Nitro-4 0.025%	33.7% 86.3 gm/T 27.7% 26.3 gm/T 35.2% 2.0% 0.0135% 0.00 35.6% 0.00
Purina Sow Chow (Checkers)	3-Nitro-4 0.025% Oxytetracycline 50.0 gm/T Chlortetracycline 100 gm/T Penicillin 50 gm/T Salt 5.0%	22.7 gm/T 42.0 gm/T 25.0 gm/T 2.1%
Purina Cat Chow Purina Hog Chow (1) 3N Medicated	Crude Protein 36.0% 3-Nitro-4 0.025% 3-Nitro-4 0.005% Chlortetracycline 100 gm/T Penicillin 50 gm/T Crude Protein 44.0% NPN 22.0%	34.5% 0.0408% 0.0029% 70.39 gm/T 22.3 gm/T 52.8% 26.9%
Purina Dairy Dinner Purina Hog Chow (L) 3N Medicated	Chlortetracycline 100 gm/T Chlortetracycline 100 gm/T Oxytetracycline 50 gm/T Oxytetracycline 50 gm/T Crude Protein 35.0% Crude Protein 30.0%	31.79 gm/T 31.79 gm/T 35.0 gm/T 26.8 gm/T 42.2% 36.5%
Check-R-Mix Pig Starter (SD) Medicated Pellets		Adulterated With Rice Hulls.
Hi-Blend (Cattle Supplement) Hog Chow 3N Medicated (Nashville)	Crude Protein 36.0% Oxytetracycline 50.0 gm/T Penicillin 50 gm/T Calcium 3.5%	34.7% 39.5 gm/T 35.4 gm/T 4.6%
Purina Hog Finisher X Medicated (Pellets) Purina Hog Startena Medicated Checkers	Oxytetracycline 50 gm/T	37.1 gm/T
Purina Dairy Concentrate 44% D		
Purina Medicated Baby Pig Chow Checkers Pig Startena Medicated Purina Hog Chow 3N Medicated Purina Hog Chow Checkerboard Hog Suppl. F.C. Purina Cat Chow		
Purina Hog Chow 3N Medicated		
Purina Pig Startena (Medicated) Purina Dairy Concentrate 44% D Hog Chow (L) 3N Medicated		

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Baby Pig Chow Medicated	Chlortetracycline 100 gm/T	33.69 gm/T
Purina Special Steer Fatena H3	Penicillin 50 gm/T	13.9 gm/T
Purina Dairy Concentrate 44% D	Calcium 2.0%	3.3%
Special Steer Fatena L5	Crude Protein 44%	42.3%
	Crude Protein 50%	58.7%
	NPN 30%	33.2%
Special Steer Fatena H3	Calcium 2.0%	3.3%
Purina Hog Chow (L)	Oxytetracycline 50.0 gm/T	34.1 gm/T
Purina Special Steer Fatena H3	Crude Protein 32.0%	42.3%
	NPN 10.0%	14.2%
	Calcium 2.0%	2.8%
	Crude Protein 50%	55.1%
Purina Special Steer Fatena (G) L-5 (53) Med.	Crude Fat 4.5%	9.3%
Purina Broiler Chow Finisher # 1 (G) MPA Med.	3-Nitro-4 0.005%	0.0073%
Purina Pig Growena L. Med. Checkers	Penicillin 50 gm/T	16.4 gm/T
Purina Med. Baby Pig Chow P Checkers	Crude Fiber 12.0%	13.8%
Purina Special Steer Fatena H3	Crude Protein 44.0%	49.3%
44% Protein Solvent Extracted Soybean Meal	Crude Protein 30.0%	35.2%
Purina Dairy Dinner Brand Cat Food	Calcium 2.0%	3.4%
Purina Special Steer Fatena (G) M 4 # 55 Med.	Calcium 3.5%	4.1%
Purina Dairy Concentrate 44% D	Crude Fiber 10.0%	10.9%
Purina Cow Chow Concentrate 50%	Crude Protein 44%	40.5%
Purina Dairy Concentrate 44% D	Calcium 3.5%	4.1%
Purina Dairy Concentrate 44%	Crude Protein 50%	59.9%
Purina Cow Chow Concentrate 50%	Crude Protein 32%	30.5%
Purina Steer Chow (T) 32%		
Richland Mills, Pulaski, Tennessee 38478		
Rich Land 27% Range Meal	Phenothiazine 0.25%	0.13%
Rico Liquids, Inc., Aliceville, Alabama 35442		
Pro-Lix Liquid Feed	Iron 0.040%	0.0084%
Pro-Lix	Iron 0.040%	0.158%
Rival Pet Foods, 4500 S. Tripp Ave., Chicago, Ill. 60632		
Rival Chicken Croquettes with Gravy	Crude Fat 3.0%	6.4%
The Robertson Corp, Brownstown, Indiana 47220		
Triple-R-Dog Food		Adulterated Too much hair in Meat Meal.
Robinson Milling Co., Inc., Somerset, Ky. 42501		
Green Valley 16% Dairy Feed	NPN 4.0%	6.7%
		Grass Meal Not Listed. Alfalfa Meal Not Found.
Jersey 16% Mixed Feed	Crude Protein 16.0%	15.2%
Jersey 16% Mixed Feed	Crude Protein 16%	15.2%
Green Valley 16% Dairy Feed	NPN 4.0%	5.4%
		Adulterated with corn cobs. Alfalfa Meal Not Found. Grass Meal Not Listed. Alfalfa Meal not Found. Grass Meal not Listed.
Green Valley 24% Dairy Feed		
Sandusky Brothers, Harrodsburg, Ky. 40330		
Corn Feed Meal	Crude Fat 3.75%	3.00%
Joseph Schlitz Brewing Co., Milwaukee, Wisconsin 53212		
Schlitz Purity Brewers Dried Grain		Not Registered.
Scott Co. Milling Co., Sikeston, Mo. 63801		

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Gristo 40% Hog Supplement Pellets	Penicillin 20 gm/T	9.4 gm/T
Security Mills, Knoxville, Tennessee 37901		
Security Special 16% Dairy Feed (Part Pellets)	Crude Protein 16.0%	24.1%
Security Special 16% Dairy Feed (Part Pellets)	Crude Fiber 7.5%	8.2%
Southern States Cooperatives, Baltimore, Md. 21203		
Beef Blend	Calcium 3.0%	4.8%
	Phosphorus 1.0%	2.7%
	Salt 7.0%	1.0%
Super Blend "65"	Crude Protein 65.0%	71.10%
	Salt 3.0%	0.5%
Pig Developer, Medicated (Pellets)	Arsanilic Acid 0.01%	0.0145%
Multi Blend "32"	Crude Protein 32.0%	37.2%
Beef Blend	Salt 7.0%	1.8%
	Calcium 3.0%	4.3%
Super Blend "65"	NPN 36.0%	39.4%
	Salt 3.0%	1.6%
Hi Blend (Cattle Supplement)	Crude Protein 44.0%	50.0%
38% Sow & Pig Supplement Medicated	Arsanilic Acid .04%	0.0166%
Southern States Cooperative, Richmond, Va. 23213		
Red Range Dog Food	Crude Fat 2.0%	4.1%
Red Ranger Dog Food	Crude Fat 2.0%	4.2%
Spem-Well Feed Co., Winchester, Ky. 40391		
Newco Feeds 24% Dairy	Crude Fiber 10.0%	14.8%
Newco Feeds 24% Dairy	Crude Fiber 8.0%	15.4%
Newco Feeds 24% Dairy (Part Pellets)	Crude Fiber 10.0%	12.5%
Newco Layer Ration	Crude Fiber 6.0%	12.3%
	Crude Fat 4.25%	3.0%
Newco Feeds 16% Dairy Feed	NPN 5.3%	7.4%
	Crude Protein 16.0%	24.2%
Newco 18% Protein Pig & Sow Feed	Crude Fiber 6.0%	7.3%
	Crude Protein 18.0%	16.7%
Newco Feeds 16% Dairy Feed (Part Pellets)		Adulterated With Oat Hulls. Ground Oats, Distillers Solubles Not Found. Rye Not Listed.
Newco Feeds 16% Dairy Feed (Part Pellets)	Crude Fiber 15.0%	18.6%
Newco Feeds 24% Dairy	NPN 8.0%	9.6%
		Adulterated With Oat Hulls and Rice Hulls. Adulterated With Oat Hulls.
Newco Feeds 16% Dairy Feed (Part Pellets)	NPN 5.3%	7.9%
	Crude Fiber 15.0%	17.9%
		Adulterated with Rice Hulls & Oat Hulls. Rice Hulls in this Feed.
Newco Feeds 16% Dairy Feed (Part Pellets)		Adulterated With 25% Mixed Screenings & Rice Hulls
Newco Wheat Shorts with Ground Wheat Screenings		15.6%
		Contained Rice Hulls
Newco Feeds 24% Dairy	Crude Fiber 10.0%	18.2%
Newco Feeds 16% Dairy Feed (Part Pellets)	Crude Fiber 15.0%	18.2%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Newco Feeds 16% Dairy Feed (Molasses)	Crude Protein 16.0%	22.3%
	NPN 5.33%	7.6%
	Crude Fiber 15.0%	17.7%
Newco Feeds 24% Dairy (Part Pellets)	NPN 8.0%	9.10%
	Crude Fiber 10.0%	17.0%
Newco Layer Ration	Crude Fiber 6.0%	7.9%
Newco Starter & Grower Mash	Crude Fiber 7.0%	8.3%
Newco Starter Grower & Developer (Crumbles)		Contained Feather Meal- Not Guaranteed.
		9.3%
Newco 18% Protein Pig & Sow Feed	Crude Fiber 6.0%	16.2%
	Crude Protein 18.0%	
Stewarts Feed Mill, Flat Lick, Ky. 40935		
Stewarts Best Hog Fattener	Crude Fiber 3.0%	6.2%
Stewarts Best Hog Fattener	Crude Fiber 3.0%	5.4%
Stewarts Best Hog Fattener	Crude Fiber 3.0%	5.3%
Sturgis Milling Company, Sturgis, Ky. 42459		
16% Sweet Dairy	NPN 5.24%	6.00%
Happy's 45% Pig Concentrate "600" Medicated	Penicillin 150.0 gm/T	53.9 gm/T
Supreme Mills, Glasgow, Ky. 42141		
Supreme Brand 32% Dairy Concentrate	Crude Fiber 9.5%	11.6%
Supreme Brand 36% Protein Poultry Concentrate	Salt 2.0%	7.8%
Feeders Pride 16% Dairy Feed		Alfalfa Meal Not Found. Stemmy Grass Meal Not Listed.
		43.3%
Supreme Brand 45% Dairy Concentrate	Crude Protein 45.0%	Grass Meal Not Listed. Grass & Straw Meal Not Listed.
Feeders Pride 16% Dairy Feed		11.5%
		4.7%
Supreme Brand 33% Beef Supplement		Grass Meal Found-Not Listed. Alfalfa Meal Guaranteed-Not Found.
		8.3%
Supreme 32% Dairy Concentrate (Pellets)	Crude Fiber 9.5%	
Supreme Brand 36% Protein Poultry Concentrate	Calcium 3.0%	
Supreme Brand 33% Beef Supplement		
Supreme Brand 32% Protein Poultry Supplement	Crude Fiber 7.25%	
D.B. Sutherland & Sons, Bloomfield, Ky. 40008		
Ky. Star Special 24% Dairy Feed	Crude Protein 24.0%	17.9%
24% Dairy Feed	Crude Protein 24.0%	21.7%
Ky. Star 24% Dairy Feed (With Urea)	NPN 5.24%	9.4%
Ky. Star 16% Dairy Feed (With Urea)	Crude Protein 16.0%	22.2%
	NPN 5.24%	9.5%
N.R.G. 26% Dog Feed	Crude Fat 5.0%	9.3%
N.R.G. Expanded Dog Food Chunks	Crude Fat 7.0%	9.4%
Ky. Star Brand Farm Feed		Adulterated With Chaff Hulls & Weed Seeds.
		8.6%
N.R.G. 26% Dog Food	Crude Fat 5.0%	
Swift & Co., Chicago, Illinois 60604		
Pard Beef Flavor Dog Food	Crude Fat 3.0%	5.6%
Pard Dog Food	Crude Fat 3.0%	5.4%
Meat Meal Tankage	Crude Fat 5.0%	8.0%
Taylor Company Feed Co., Campbellsville, Ky. 42718		
Economy Brand 20% Egg Mash Medicated	Arsanilic Acid 0.007%	0.0015%

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
ter & Cassity, Nicholasville, Ky. 40356 Profit Maker 16% Dairy Feed D	Crude Protein 16.0%	13.9%
robred Co., Inc., Waynesville, Ohio 45068 Thorobred Gourmet Pack All Beef For Dogs Thorobred Gourmet Pack Chicken & Chicken Parts	Crude Fat 6.0% Crude Fat 6.0% Crude Protein 11.5%	20.6% 11.9% 10.3%
nton Oil Mill Co., Trenton, Tennessee 38382 Trenton 41% Protein Cottonseed Meal Trenton 41% Protein Cottonseed Meal Trenton Brand 41% Protein Cottonseed Meal Trenton Brand 41% Protein Cottonseed Meal	Crude Fiber 14.0% Crude Protein 41.0% Crude Fiber 14.0% Crude Protein 41.0% Crude Fiber 14.0% Crude Fiber 14.0% Crude Protein 41%	15.9% 37.9% 15.2% 39.0% 16.0% 16.7% 35.9%
on City Grain Company, Union City, Tennessee 38261 16% Dairy Feed	Crude Fiber 7.0%	7.9%
n Products Co., Woburn, Mass. 01801 Tabby Fish Flavor Cat Food	Crude Protein 14.0% Crude Fat 2.0%	13.1% 10.2%
ners Farm Supply, Somerset, Ky. 42501 Check-R-Mix 16% Dairy Feed KM Check-R-Mix 16% Dairy Feed KM	Crude Fiber 5.0% Crude Protein 16.0% Crude Fiber 5.0%	11.5% Adulterated With Ground Corn Cobs. 10.6% 9.5%
ge Wiedemann Brewing Co., South Newport, Ky. 41071 Brewers Dried Grains Brewers Dried Grains	Crude Protein 26.0% Crude Fat 5.0% Crude Protein 26.0% Crude Fat 5.0%	31.3% 7.9% 32.0% 7.1%
enberger Mills, Midway, Ky. 40347 Mixed Feed Mixed Feed	Crude Fat 4.0% Crude Fat 4.0%	6.10% 6.20%
Tennessee Soya Mill, Inc., Tiptonville, Tenn. 44% Protein Solvent Extracted Crude Soybean Oil Meal	Crude Protein 44.0%	49.6%
ha White Mills of W. Va., Huntington, West, Va. 25706 Martha White's Fortune Hominy Feed Martha White's Fortune 20% Pig & Sow Ration	Crude Fat 5.0% Streptomycin 15 gm/T	8.4% 48.4 gm/T
Pet Food Co., Seattle, Washington 98134 Kitty Salmon for Cats	Crude Fat 7.5%	13.1%
Milling Co., Greensburg, Ky. 42743 20% Dairy Feed		Grass & Straw Meal Not Listed. Alfalfa Meal Not Found.

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