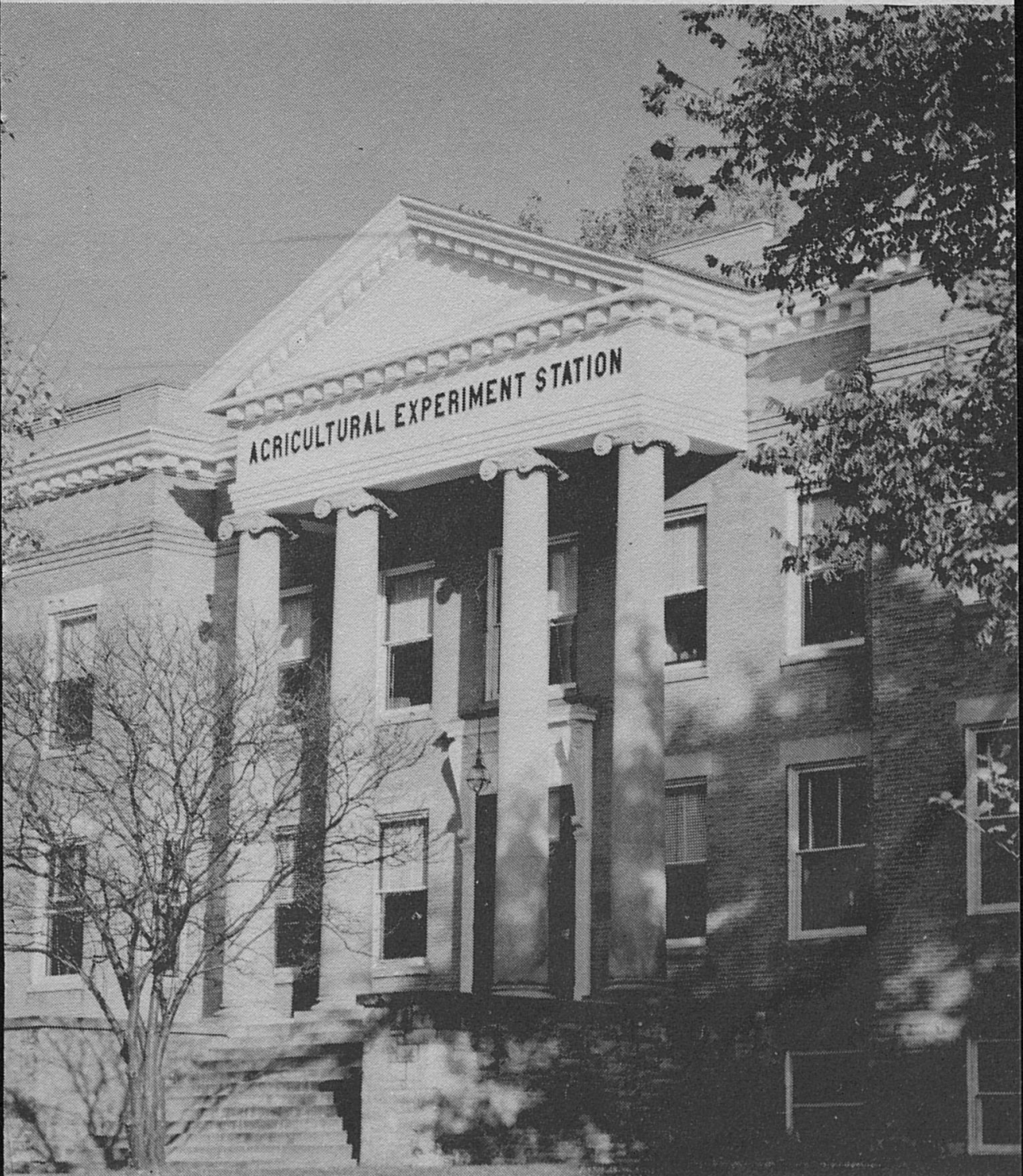


Commercial Feeds in Kentucky – 1973

Regulatory Bulletin 217

UNIVERSITY OF KENTUCKY • COLLEGE OF AGRICULTURE
Agricultural Experiment Station • Regulatory Services • Lexington



KENTUCKY COMMERCIAL FEED LAW
DIVISION OF REGULATORY SERVICES
UNIVERSITY OF KENTUCKY
KENTUCKY AGRICULTURAL EXPERIMENT STATION

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This bulletin compiled and prepared by Dr. Eli Miller
Analytical data by Laboratory Staff

(Cover Picture) Offices of the Division of Regulatory Services
are in the Experiment Station Building

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INTRODUCTION

Information contained in this bulletin is compiled from data collected from analysis of official feed samples taken during 1973. This bulletin is intended to provide the feed purchaser with knowledge as to the manufacturing standards maintained by feed manufacturers distributing feed in Kentucky. This is not intended to indicate feed quality but to show the frequency a feed manufacturer failed to meet the guaranteed analysis for one or more feed components.

During 1973 Regulatory Inspectors obtained 2,206 official samples of feed from feed mills and dealers located throughout Kentucky's 120 counties. These samples were obtained to monitor the 685,561 tons of commercial feed distributed in the state.

Samples were analyzed by the Regulatory Service Laboratory located at the University of Kentucky. Laboratory analyses totaled 8,200 and represents the determination of 37 different feed components. This included 2,453 protein, 891 urea, 291 fat, 2,091 fiber, 1,148 mineral, 459 antibiotics and 424 drug analyses. Of the official samples tested 13% failed to meet one or more guarantees. Comparable figures for 1971 and 1972 were 10 and 7.4%, respectively.

During 1972 Kentucky adopted its present Commercial Feed Law. This law was modeled after the Uniform State Feed Law which was adopted by the Association of American Feed Control Officials. Basically, this law is an effort to obtain regulatory uniformity between states and to respond to the changes which have occurred in the feed industry. Highlights of the

new law and regulations include: 1. Delegation of authority to Rules and Regulations as a bases for implementing the Kentucky Feed Law, 2. More comprehensive labeling requirements for medicated feeds, 3. Good Manufacturing Practice Inspections of medicated feed mills, 4. Required registration of both manufacturing facilities and custom formula feed mixers, 5. Separate Regulations for Pet Foods, 6. Permitted the use of collective terms, 7. Incorporation of Federal Regulations pertaining to medicated feeds.

In 1973 the State of Kentucky enter into a joint state-federal feed mill inspection program with the Food and Drug Administration. Under authority of the State Feed Law and Federal Food, Drug and Comestic Act, all feed mills manufacturing medicated feeds or premixes are subject to inspection for Good Manufacturing Practice. Prevention is the primary purpose of GMP Inspections. Feed Mills are inspected to determine if manufacturing processes and controls are adequate to ensure the medicated feeds produced are both safe and effective for their intended purpose.

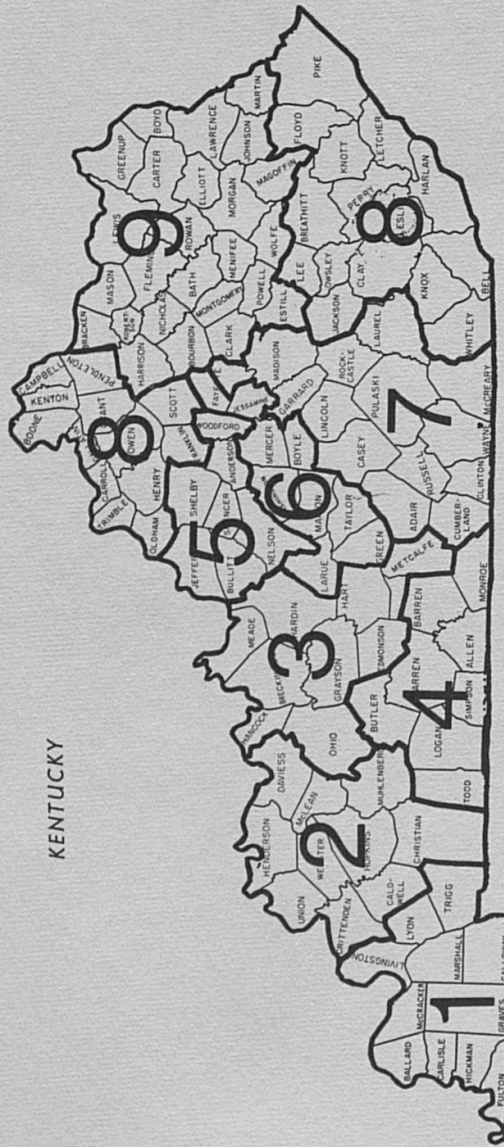
During the year 76 medicated feed mills (custom mixers and registered manufacturers) in Kentucky were inspected for compliance and/or non-compliance with GMP Regulations. Any violations observed during inspection were discussed with management and commitments made for corrective measures. Follow up inspections were made to ensure compliance.

Table 1. ESTIMATED TONNAGE OF MIXED FEED DISTRIBUTED IN KENTUCKY (1973)

Livestock Class	Mixed Feed	
	Complete	Supplement
	(Tons)	
Beef	22,492	33,131
Calf Feed	5,357	
Dairy	149,115	45,940
Horse	29,794	
Pet Food	36,871	
Poultry		
Chicken Broiler	24,530	6
Chicken Layer-Breeder	52,953	12,789
Chicken Starter-Grower	8,198	847
Turkey	463	15
Sheep	250	14
Swine	57,707	68,726
Mineral		12,845
Miscellaneous	17,853	
Total		

Table 2. ESTIMATED TONNAGE OF INGREDIENTS DISTRIBUTED IN KENTUCKY (1973)

Ingredient	(Tons)
Alfalfa Products	1,496
Animal Products	2,873
Barley Products	620
Beet Products	15
Brewery Products	1,764
Corn Products	19,474
Cottonseed Products	7,719
Distillers Products	13,118
Drugs	19
Linseed & Flax Products	163
Milk Products	223
Minerals	3,211
Molasses	14,423
Oat Products	5,454
Rice Products	12
Soybean Products	16,268
Urea	438
Vitamin Products	545
Wheat Products	11,236
Miscellaneous	5,593

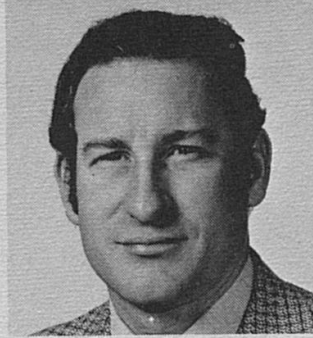


REGULATORY DISTRICTS

REGULATORY INSPECTORS



Director, Regulatory Services
Dr. H. F. Massey
Lexington



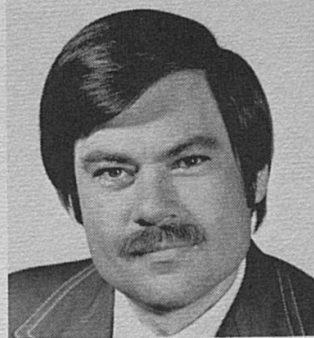
Feed Coordinator
Dr. Eli Miller
Lexington



Program Coordinator
Wilson Routt
Nicholasville



District 1
William Robertson
Murray



District 2
Ellis Hugh Ray
Sacramento



District 3
Noel Johnston
Dub Run



District 4
Elmer Cottingim
Bowling Green



District 5
Ben Cox
Versailles



District 6
Sam Whitehead
Lexington



District 7
Wallace King
Lexington



District 8
Claude Hensley
Stamping Ground



District 9
Eugene Vanderpool
Retired

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

ACME-EVANS COMPANY, INC.	902 W WASHINGTON	INDIANAPOLIS	IND.	46204
ADE MFG & CHEMICAL COMPANY		TISKILWA	ILL	61368
A & G NAT'L DISTRIBUTORS	6 MONROE	CLAYTON	NM	88415
AG SERVICES INC.	ROUTE 4	BOWLING GREEN	KY.	42101
A-L FARM SERVICE	R. 3	LAWRENCEBURG	KY	40342
A-1 ANIMAL RANCH INC	P O BOX 528	KERNERSVILLE	N C	27284
ALBANY MILLS		ALBANY	KY.	42602
ALBERS MILLING COMPANY	5045 WILSHIRE BLVD	LOS ANGELES	CAL.	90036
ALEXS AGRI-SUPPLY CO	1021-1023 STORY AVE	LOUISVILLE	KY	40206
ALLEN COUNTY SEED SERVICE	SOUTH 4TH STREET	SCOTTSVILLE	KY.	42164
ALLEN PRODUCTS COMPANY, INC.	P.O. BOX 2187 RD 3	ALLENTOWN	PA.	18104
ALLIED CHEMICAL CORP	PO BOX 2120	HOUSTON	TEX	76101
ALLIED CHEMICAL CORPORATION	NITROGEN DIVISION	HOPEWELL	VA.	23860
ALLIED FOODS INC	1450 HILLS PLACE N W	ATLANTA	GA	30318
ALLIED MILLS, INC.	P.O. BOX 459	LIBERTYVILLE	ILL.	60048
ALVER BROTHERS COMPANY	P.O. BOX 25	MILFORD	ILL.	60953
AMENDT MILLING CO	317 WEST FRONT ST	MONROE	MI	48161
AMERICAN CRYSTAL SUGAR CO.	P.O. BOX 2586	FARGO	ND	58102
AMERICAN CYANAMID COMPANY	P.O. BOX 400	PRINCETON	N.J.	08540
AMERICAN KENNEL FOODS	3RD & OWEN STS.	RUSSELLVILLE	KY.	42276
AMERICAN PET FOOD CO	P O BOX 7604-A	BIRMINGHAM	ALAB	35223
AMERICAN SALT CORP	3166 DES PLAINES AVE	DES PLAINES	ILL.	60018
AMERICAN RICE GROWERS COOP ASN	424 PUJO STREET	LAKE CHARLES	LA	70601
AMORY COTTON OIL CO., INC.	P. O. BOX 30	AMORY	MISS	38821
ANDERSON FARM SERVICE		LAWRENCEBURG	KY.	40342
ANDERSON & SPILMAN	P. O. BOX 265	DANVILLE	KY.	40422
ANHEUSER-BUSCH, INC.	721 PESTALOZZI ST.	ST. LOUIS	MO.	63118
ANIMAL NUTRITION	6608 W MAIN ST	BELLVILLE	ILL	62223
ANVIL MINERAL PRODUCTS CORP.	BOX Q	BAY SPRINGS	MISS	39422
AQUARIUM SUPPLY CO DIV STERNCO	600 SO 4TH ST	HARRISON	NJ	07029
ARCHER DANIELS MIDLAND CO	P O BOX 1470	DECATUR	ILL	62525
ARIZONA FEEDS	P O BOX 3054	TUSCON	ARIZ	85702
ARMOUR-DIAL	GREYHOUND TOWER	PHOENIX	AZ	85077
ASHLAND MILLING CO, INC	900 FRONT ST	ASHLAND	KY	41101
ASTOR PRODUCTS, INC.	P. O. BOX 2366	JACKSONVILLE	FLA.	32203
AUBREY FEED MILLS, INC	932 E CHESTNUT ST	LOUISVILLE	KY	40204
AYLOR & MEYER COMPANY	3RD & EXPORTING ST.	AURORA	IND.	47001
BAGDAD ROLLER MILLS		BAGDAD	KY.	40003
BARTON BRANDS, LTD.	PO BOX 220 BARTON RD	BARDSTOWN	KY	40004
RAY STATE MILLING COMPANY	P O BOX 108	LEAVENWORTH	KAN.	66048
BAY STATE MILLING COMPANY	FRANKLIN ST.	WINONA	MINN	55987
JAMES B BEAM DISTILLING CO		CLERMONT	KY.	40110
BEECHAM, INC.	65 INDUSTRIAL SO	CLIFTON	NJ	07012
BEST FEEDS & FARM SUPPLIES	BOX J	OAKDALE	PA	15071
BI-COUNTY FARM BUREAU CO-OP.	BOX 8273	FLORENCE	KY.	41042
BIG FOUR FEED & IMPLEMENT CO.		SCOTTSVILLE	KY.	42164
BIG STAR PRODUCTS CO.	P. O. BOX 4358	ATLANTA	GA.	30302
BIO ZYME ENTERPRISES	232 PACKERS AVE	ST JOSEPH	MO	64504
BIRMINGHAM MILLING COMPANY	ROUTE 7	BENTON	KY.	42025
BLENDA LIFE, INC.		GREEN ISLE	MINN	55338
BLUE BARN DOG FOOD CO.	W 10TH & FLOYD STS.	NEW ALBANY	IND.	47150
BOONE CO. FARM SUPPLY		WALTON	KY.	41094
BOONES FEED STORE		STANFORD	KY.	40484
BORDEN CHEMICAL COMPANY	P.O. BOX 419	NORFOLK	VA.	23501
BOSWELL COMPANY	BOX 11696	ATLANTA	GA.	30305
BOW WOW COMPANY, INC.	P.O. BOX 938	ROLLA	MO	65401
BREMCO MILLS.	P.O. BOX 96	NEW BREMEN	OHIO	45869
BRODE CORPORATION	P O BOX 8362	MEMPHIS	TENN	38108
BROWN-FORMAN DISTILLERS CORP.	P.O. BOX 1080	LOUISVILLE	KY.	40201
BROWN MOLASSES CO	P O BOX 145	BREMAN	IND	46506

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

OTIS BRYANT & SON MILLING		CANEYVILLE	KY	42721
BUCKEYE CELLULOSE CORP.	P.O. BOX 599	CINCINNATI	OHIO	45201
BUCKEYE CELLULOSE CORP.	2782 CHELSEA	MEMPHIS	TENN	38108
BUHLER MILLS, INC.	125 SO. MAIN ST.	BUHLER	KANS	67522
BUHLER MILLS INC	1835 UNION AVE	MEMPHIS	TENN	38104
BURROWS FEED MILL		PENDLETON	KY.	40055
BUSH BROTHERS & COMPANY		CLINTON	TENN	37716
A. C. BUTTS & SONS	P.O. BOX 98	FULTON	KY.	42041
C & M MARKETING CO	8711 MEADOWDALE	DETROIT	MICH	48228
CPC INTERNATIONAL INC	INTERNATIONAL PLAZA	ENGLEWOOD CLF	N J	07632
CADIZ MILLING COMPANY		CADIZ	KY.	42211
CAMPBELLSVILLE MILLING COMPANY	P.O. BOX 176	CAMPBELLSVILL	KY.	42718
CANEYVILLE ROLLER MILL CO.		CANEYVILLE	KY.	42721
CAREY SALT COMPANY	1800 CAREY BLVD.	HUTCHINSON	KAN.	67501
CARGILL, INC	CARGILL BUILDING	MINN	MN	55402
CARGILL NUTRENA FEED DIVISION	200 CARGILL BLDG	MINNEAPOLIS	MINN	55402
CARROLL CO. FARM BUREAU COOP.	BOX 187	CARROLLTON	KY.	41008
CARNATION COMPANY	5045 WILSHIRE BLVD.	LOS ANGELES	CAL.	90036
CENTRAL SOYA	1300FT.WAYNE NAT. BK	FT. WAYNE	IN	46802
CENTRAL SOYA OF CLINTON, INC.	BOX 158	CLINTON	KY.	42031
CENTRAL SOYA CO OF LOUISVILLE	BOX 21376	LOUISVILLE	KY	40221
CERULEAN FEED MILLS		CERULEAN	KY	42215
CHAMPION VALLEY FARMS	375 MEMORIAL AVE	CAMDEN	N J	08101
CHEMAGRO CORPORATION	P. O. BOX 4913	KANSAS CITY	MO	64120
CLARKSON FEED STORE		CLARKSON	KY.	42726
CLINTON CORN PROCESSING CO.	BOX 340	CLINTON	IOWA	52732
COMMERCIAL SOLVENTS CORP	1331 SOUTH FIRST ST	TERRE HAUTE	IND	47808
COMMUNITY MILLING COMPANY		IRVINGTON	KY.	40146
COMMUNITY FEED MILL		BELTON	KY.	42324
CONSOLIDATED MILLS INC.	BOX 6	BLISSFIELD	MICH	49228
COOK INDUSTRIES	P O BOX 249	MARKS	MISS	38646
COSBY-HODGES MILLING CO	P O BOX 10767	BIRMINGHAM	ALA	35202
GEORGE COUCH & SONS		NEW HARMONY	IND	47631
CRAFT FEED & GRAIN	ROUTE 2	CATLETTSBURG	KY	41129
CRAFTON-DUNCAN, INC.	1228 SECOND ST.	HENDERSON	KY.	42420
CRESCENT ROLLER MILLS		TAYLORSVILLE	KY	40071
CUDAHY CO.	P.O. BOX 69	HARRODSBURG	KY	40330
CUMBERLAND MILLING COMPANY	P.O. BOX 967	CLARKSVILLE	TENN	37041
CUSTOM FEED MILLS	P.O. BOX 95	MORGANFIELD	KY.	42437
DAHLGREN DIV OF BEATRICEFOODS I	220 SUNFLOWER ST	CROOKSTON	MINN	56716
DAIRYMEN INC-KYANA DIV	P O BOX 18118	LOUISVILLE	KY	40202
DARLING & CO-C M WINCHELL	4650 S RACINE AVE	CHICAGO	ILL	60609
DAVIS FEED & FORM SUPPLY	ROUTE #2	GREENSBURG	KY	42743
DAWES LABORATORIES, INC.	450 STATE STREET	CHICAGO HTS	ILL	60411
DEARBORN MILLS	116 BRIDGEWAY ST.	AURORA	IND.	47001
DELTA OIL MILL INC.	P.O. BOX 138	JONESTOWN	MISS	38639
DELTA PET PRODUCTS	600 SO 4TH ST	HARRISON	NJ	07029
DIAGNOSTIC DATA, INC	518 LOGUE AVE	MT VIEW	CALF	94040
DIAMOND CRYSTAL SALT COMPANY	916 RIVERSIDE AVE.	ST. CLAIR	MICH	48079
DIAMOND LABORATORIES	BOX 863	DES MOINES	IOWA	50304
DIAMOND SHAMROCK CHEMICAL CO.	60 PARK PLACE	NEWARK	NJ	07101
DIAMOND V MILLS INC.	436 G AVE NW	CEDAR RAPIDS	IOWA	52407
DIXIE MILLS COMPANY	10TH & WALNUT ST.	E. ST. LOUIS	ILL.	62202
DIXIE PORTLAND FLOUR MILLS	P.O. BOX 1259	CHATTANOOGA	TENN	37401
DIXIE PORTLAND FLOUR MILLS	P.O. BOX 328	MEMPHIS	TENN	38101
DOANE PRODUCTS COMPANY	P.O. BOX 879	JOPLIN	MO.	64801
THE DOW CHEMICAL COMPANY	2030 ABBOTT RD CENTE	MIDLAND	MICH	48640
DUNCAN-MCFARLAND FARM SERVICE		LAWRENCEBURG	KY.	40342
EDGES FEED STORE		FORDSVILLE	KY	42345
ELANCO PROD CO DIV ELI LILLY	PO BOX 1750	INDIANAPOLIS	IN	46206
F. L. EMMERT COMPANY, INC.	2007 DUNLAP STREET	CINCINNATI	OHIO	45214

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

ENKAY INC	6005 MARTWAY SU 104A	SHAWNEE MISS	KAN	66201
JOHN W. ESHELMAN & SONS	BOX 1327	LANCASTER	PA.	17604
EVANS MILLING COMPANY	P.O. BOX 474	INDIANAPOLIS	IND.	46206
JOHN EWING COMPANY	P. O. BOX 188	LA SALLE	COL.	80645
FMC CORPORATION	633 THIRD AVENUE	NEW YORK	NY	10017
FALSTAFF BREWING CORP.	5050 OAKLAND AVE.	ST. LOUIS	MO.	63110
FARM SERVICE CENTER, INC.	RFD #3	BEAVER DAM	KY.	42320
FARM SERVICES, INC.	WEST MAIN ST.	GLASGOW	KY.	42141
FARMERS ELEVATOR FEED DIVISION	P O BOX 127	FRANKLIN	KY	42134
FARMERS ELEVATOR OF MERCER CO	318 MARIMON	HARRODSBURG	KY	40330
FARMERS FEED MILL	738 PRICE AVENUE	LEXINGTON	KY.	40508
FARMERS FEED STORE	227 W. RESERVIOR	CENTRAL CITY	KY	42330
FARMERS FRIEND MINERAL CO.	651 FILMORE ST	NAPOLEON	OHIO	43545
FARMERS & GINNERS COTT OIL MIL	P O BOX 10551	BIRMINGHAM	ALA	35202
FARMERS MILLING COMPANY	COLUMBIA STREET	SOMERSET	KY.	42501
FARMERS SUPPLY		BEAVER DAM	KY.	42320
FARMERS SUPPLY COMPANY	BALLARD ST.	SPRINGFIELD	KY.	40069
FARMERS SUPPLY & PRODUCE CO.	P.O. BOX 433	MONTECELLO	KY.	40333
FARMINGTON SWEET FEED MILL	BOX 38	FARMINGTON	KY.	42040
FARMLAND INDUSTRIES, INC.	3315 N OAK TRAFFICWY	KANSAS CITY	MO	64116
FARNAM COMPANIES INC	2230 E MAGNOLIA	PHOENIX	AZ	85036
FEDDERS FEED SERVICE	R. 1	OWENTON	KY.	40359
FEDERAL FOODS INC	P O BOX K	THIENSVILLE	WIS	53092
FEDERATED FOODS INC	2250 EAST DEVON AVE	DES PLAINES	ILL	60018
FEED SERVICE CORPORATION	BOX 270	CRETE	NEBR	68333
FERMA-GRO CORPORATION	211 W. 6TH STREET	STORM LAKE	IOWA	50588
FIELD PACKING COMPANY, INC.	P. O. BOX 617	OWENSBORO	KY.	42301
FISCHER PACKING COMPANY	1860 MELLWOOD AVE.	LOUISVILLE	KY.	40201
FLEISCHMANN DISTILLING CORP	P O BOX 1248	OWENSBORO	KY	42301
FLEMING LABORATORIES, INC	P O BOX 10372	CHARLOTTE	NC	28201
FOLSOMDALE MILLING COMPANY	ROUTE 2	BOAZ	KY.	42027
FOREMOST FOODS COMPANY	ONE POST STREET	SAN FRANCISCO	CAL.	94104
FORT NEGLEY MILLS	901 SIXTH AVE SOUTH	NASHVILLE	TENN	37203
40/T0/ONE, INC.	3710 CALHOUN AVE.	CHATTANOOGA	TENN	67404
FOSTER CANNING, INC.	STAR ROUTE 108	NAPOLEON	OHIO	43545
R.T. FRENCH MANUFACTURES	96 MUSTARD ST.	RACHESTER	NY	14609
FRITZ PET PRODUCTS	500 SAM HOUSTON	MESQUITE	TEX	75149
FROSTY MORN MEATS	P.O. BOX 1048	CLARKSVILLE	TENN	37041
HENRY FRUECHTENICHT CO., INC.	165 N. CLAY	LOUISVILLE	KY.	40202
FRUEN MILLING COMPANY	GLENWOOD THOMAS AVE	MINNEAPOLIS	MINN	55403
FUHRER-FORD MILL COMPANY, INC	P.O. BOX 567	MT. VERNON	IND.	47620
GALLATIN COUNTY FARM SUPPLY		WARSAW	KY.	41095
GALLIA ROLLER MILLS	93 GRAPE ST	GALLIPOLIS	OHIO	45631
GAMALIEL FEED & FARM SUPPLY	BOX 125	GAMALIEL	KY.	42140
GARRARD MILLS	P.O. BOX 570	LANCASTER	KY.	40444
J. I. GATES MILLING COMPANY	1137 W. BROAD ST.	COLUMBUS	OHIO	43223
GENERAL FOODS CORP GAINES PROF	SERVICES DEPT	WHITE PLAINS	N Y	10602
GENERAL MILLS INC	P O BOX 1113	MINNEAPOLIS	MINN	55440
GENERAL PACKING COMPANY	BOX 305	WAYNESVILLE	OHIO	45068
THE GENERAL STORE INC	400 N MICHIGAN AVE	CHICAGO	ILL	60611
GERMANTOWN MILLING COMPANY		GERMANTOWN	KY.	41044
GLENMORE DISTILLERIES CO.		OWENSBORO	KY.	42301
GODBOLD INC	P O BOX 229	LUBBOCK	TEX	79408
GOLD SEAL PRODUCTS COMPANY	2700 FIRST AVE. N.	BIRMINGHAM	ALA.	35203
GOLDENROD OIL MEAL SALES CO.	P.O. BOX 152	MEMPHIS	TENN	38101
GOOCH FEED MILL COMPANY	6TH & SOUTH STS.	LINCOLN	NEB.	68501
GOOD-LIFE CHEMICALS, INC.	BOX 687	EFFINGHAM	ILL.	62401
W R GRACE & COMPANY	8400 MARYLAND	ST LOUIS	MO	63105
GRAIN PROCESSING CORPORATION	1600 OREGON STREET	MUSCATINE	IOWA	52761
GRANT COUNTY FARM SUPPLY	BROADWAY	DRY RIDGE	KY.	41035
JERRY GRAVEN CATTLE & FD SER	ROUTE #2	GLASGOW	KY	42141

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

GRAYSON MILLING COMPANY		GRAYSON	KY.	41143
GREAT A & P-(HI-LIFE)	8 SO. MICHIGAN AVE.	CHICAGO	IL	60603
THE GREAT A & P TEA CO INC	500 ANN PAGE RD	HORSEHEADS	NY	14845
GREAT LAKES PET FOOD COMPANY	P.O. BOX 4006	HAMMOND	IND.	43625
GREEN COUNTY MILLING CO.		GREENSBURG	KY.	42743
GRIFFIN INDUSTRIES, INC.	ROUTE 2	BUTLER	KY.	41006
GRO-KOTE INC	551 SEBASTOPOL RD	SANTA ROSA	CAL	95402
GUTHRIE FEED MILL		GUTHRIE	KY.	42234
HARDIN COUNTY MILLING COMPANY	RT. 2 BOX 517	ELIZABETHTOWN	KY.	42701
HARDY SALT COMPANY	800 S. VANDEVENTER A	ST. LOUIS	MO	63110
HARPEETH MILLS	615 MULBERRY STREET	NASHVILLE	TENN	37203
HARTZ MOUNTAIN PRODUCTS	700 SO 4TH ST	HARRISON	NJ	07029
HARVEST BRAND, INC.	P.O. BOX 46	PITTSBURG	KAN.	66762
HAYDON MILL & GRAIN COMPANY	400 W. MAIN ST.	SPRINGFIELD	KY.	40069
HAYNES MILLING CO., INC.	215 E. VOTAW STREET	PORTLAND	IND.	47371
HEAVEN HILL DISTILLERIES	P O BOX 280	BARDESTOWN	KY	40004
DR. HEINZ CO.	BOX 250	WASHINGTON CH	OH	43160
HELENA COTTON OIL COMPANY	P O BOX 569	HELENA	ARK	72342
HENRY COUNTY FEEDERS SUPPLY		EMINENCE	KY.	40019
BURCH HESTER FEED STORE	P O BOX 96	HUSTONVILLE	KY	40437
HI-LIFE PACKING CO.	18 S. MICHIGAN ST.	CHICAGO	IL	60603
HI-VI DOG FOOD CO.	BOX 128	RUSH SPRINGS	OK	73082
HILLS DIV RIVIANA FOODS INC	401 HARRISON	TOPEKA	KANS	66601
FRANK HINTON & SON		PLUMMERS LAND	KY.	41089
HOBBS FEED AND SUPPLY	P.O. BOX 48	FANCY FARM	KY.	42039
HOFFMAN-TAFF INC		W ALEXANDRIA	OHIO	45381
HONEGGERS & CO. INC.	201 W. LOCUST	FAIRBURY	ILL.	61739
HOPKINSVILLE MILLING CO.	2001 S. WALNUT ST.	HOPKINSVILLE	KY	42240
HORLICKS CORPORATION	1450 SUMMIT AVENUE	RACINE	WISC	53404
HUBINGER COMPANY		KEOKUK	IOWA	52632
HUDSONS FARM SERVICE	200 WITT RD	FRANKLIN	KY	42134
HUFF & PUFF PET FOODS, INC.	DIV OF TC SLAUGHTER	REEDVILLE	VA.	22539
THE HYLAND COMPANY	2212 CARTER AVE.	ASHLAND	KY.	41101
IAMS FOOD COMPANY	3622 DELPHOS AVE	DAYTON	OHIO	45417
IGLEHEART OPERAT KOOL-AID DIV	1600-1ST AVENUE	EVANSVILLE	IND	47707
ILLINOIS CEREAL MILLS, INC.	BOX 220	PARIS	ILL.	61944
INDEPENDENT MILLS INC	SUITE 333 4800 MAIN	KANSAS CITY	MO	64112
INDIANA FARM BUREAU COOP ASSN	47 S PENNSYLVANIA ST	INDIANAPOLIS	IND.	46204
INDUSTRIAL MOLASSES CORP	6800 FRANCE AVE SO	MINNEAPOLIS	MINN	55435
INTERNATIONAL MIN & CHEM CORP	IMC PLAZA	LIBERTYVILLE	ILL	60048
INT'L MULTIFOODS-MILLFEED DEPT	1200 MULTIFOODS BLDG	MINNEAPOLIS	MN	55402
INTERNATIONAL SALT CO., INC.		CLARKS SUMMIT	PA.	18411
INTERNATIONAL SUGAR FEED CO	3401 HIAWATHA AVE.	MINNEAPOLIS	MINN	55406
THE JIM DANDY COMPANY	P O BOX 10687	BIRMINGHAM	ALA	35201
JUBILEE PROD.-(KROGER)	1014 VINE STREET	CINCINNATI	OH	45202
K & K MANUFACTURING INC.		ROGERS	MINN	55374
E. KAHNS SONS COMPANY	3241 SPRING GROVE	CINCINNATI	OHIO	45225
KAL KAN FOODS INC	3386 E 44TH ST	VERNON	CAL	90058
KALER MILLING COMPANY	ROUTE 1	SYMSONIA	KY.	42082
KANE MOLASSES LABORATORIES	P O DRAWER E	MT. PULASKI	ILL.	62548
KECO MILLING COMPANY	P.O. BOX 30	MCKENZIE	TENN	38201
KELLER HAY & GRAIN COMPANY	P.O. BOX 3	NEWPORT	KY.	41072
KELLEY BROS		CLAY	KY	42404
KENNETT OIL MILL INC		KENNETT	MO	63857
KENTUCKY BY-PRODUCTS CORP.	2928 GARLAND AVENUE	LOUISVILLE	KY.	40211
KENTUCKY CHEMICAL INDUSTRIES	BOX 32099	CINCINNATI	OHIO	45232
KEYNES BROTHERS	P.O. BOX 628	LOGAN	OHIO	43138
KIMBELL-DURANT COMPANY	P O BOX 511	FORT WORTH	TEX	76101
KINGSTON FARMERS EXCHANGE INC.	P.O. BOX 205	KINGSTON	OHIO	45644
KNAUF & TFSCH COMPANY	E GRAND STREET	CHILTON	WIS.	53014
ED G KUEHL INC	10 E VINE STREET	READING	OHIO	45215

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

KRAFT FOODS COMPANY	505 N. SACRAMENTO	CHICAGO	ILL. 60612
KROGER CO. (HI-LIFE)	8 SO. MICHIGAN AVE	CHICAGO	IL 60603
LA CROSSE MILLING COMPANY	P. O. BOX J	COCHRANE	WIS. 54622
LAND O LAKES INC	FEED DIV HEADQUARTER	FORT DODGE	IOWA 50501
LANDMARK, INC	245 NO HIGH ST	COLUMBUS	OHIO 43216
LANDON COMPANY, INC	RT 3 BOX 457	DELANAN	WISC 53115
LAUHOFF GRAIN COMPANY	P. O. BOX 571	DANVILLE	ILL. 61832
LEWIS FDS DIV NAT PET FD CORP	P O BOX 788	LONG BEACH	CALI 90805
LEWISBURG ROLLER MILLS	BOX 365	LEWISBURG	KY. 42256
LILLY BROTHERS SEED COMPANY	SKYLINE DRIVE	HOPKINSVILLE	KY. 42240
LIPSCOMB GRAIN & SEED CO., INC	P O BOX 1125 SS STA	SPRINGFIELD	MO 65805
LIPTON PET FOODS, INC	209 NEW BOSTON ST	WOBURN	MASS 01801
LIV-A-SNAPS, INC.	4251 FERNWOOD	ST. PAUL	MINN 55112
LONCALA PHOSPHATE COMPANY	P.O. BOX 776	HIGH SPRINGS	FLA. 32643
LONGLIFE AQUARIUM PRODUCTS	600 SO 4TH ST	HARRISON	NJ 07029
LORETTO FEED & FERTILIZER		LORETTO	KY 40037
LOUISA SUPPLY COMPANY, INC.	PIKE STREET	LOUISA	KY. 41230
LOWES FEED & HATCHERY	617 CLAY STREET	BOWLING GREEN	KY. 42101
LOWES PELLETS & GRAIN INC.	RR 4	GREENSBURG	IND. 47240
MAC-LAC CORP	BOX 7771	LOUISVILLE	KY 40206
M.F.A. GRAIN DIVISION	BOX 39	MEXICO	MO. 65265
M & W MILLING COMPANY INC	301 HUDSON STREET	COLUMBIA	KY 42728
MARKSBERRY FEED DAIRY SUPPLY	RT 2	PHILPOT	KY 42366
MARTIN SALES COMPANY	2630 EVERGREEN RD.	TOLEDO	OHIO 43606
MASONITE CORPORATION	29 N. WACKER DRIVE	CHICAGO	ILL. 60606
MAVAR SHRIMP & OYSTER CO.	P.O. BOX 487	BILOXI	MISS 39530
MAVERICK INDUSTRIES INC	PO BOX 187	SALIDA	COLO 81201
MAYES-HELM & COYLE		PERRYVILLE	KY. 40468
MAYFIELD SWEET FEED MILL	P.O. BOX 451	MAYFIELD	KY. 42066
MCCAULEY BROTHERS SEED CO INC	111 BROADWAY	VERSAILLES	KY. 40383
J A McDONALD & SONS INC	MCKINNEY AT DEPOT	ROGERSVILLE	TENN 37857
MCGAHAN & COMPANY	P.O. BOX 176	PAINTSVILLE	KY. 41240
MC INNIS COMPANY	P. O. BOX 312	PULASKI	TENN 38478
MCREDMOND BROTHERS	P.O. BOX 7116	NASHVILLE	TENN 37210
MEDLEY DISTILLING COMPANY	BOX 548	OWENSBORO	KY 42301
MENNEL MILLING COMPANY	P O BOX 806	FOSTORIA	OHIO 44830
MERRICK FOODS INC	P O BOX 99	UNION CENTER	WISC 53962
METAFRAME CORPORATION	41 SLATER DRIVE	EAST PATERSON	N J 07407
METZGER BROTHERS	1000 FLOURNEY ST.	PADUCAH	KY. 42001
MICHIGAN SALT CO.	500 N. BANKSON	ST. LOUIS	MI 48880
MICRO-LITE, INC	1100 S. KATY-BOX 368	CHANUTE	KN 66720
MID-SOUTH FEEDS	P. O. BOX 90125	NASHVILLE	TN 37209
MIDSTATE MILLS INC	EAST A STREET	NEWTON	N C 28658
MIDGET MILLS	ROUTE 5, BOX 22	SGMERSET	KY. 42501
S. E. MIGHTON COMPANY	150 NORTHFIELD ROAD	BEDFORD	OHIO 44014
MILK SPECIALTIES CO DIV CUDAHY	P O BOX 278	DUNDEE	ILL 60118
MILLER MILLING SERVICE	R. 3	BOWLING GREEN	KY. 42101
MINTER CITY OIL MILL		MINTER CITY	MISS 38944
MISSISSIPPI CHEMICAL CORP.	P.O. BOX 388	YAZOO CITY	MISS 39194
MISSISSIPPI COTTON SEED PRODS.	P O BOX 370	GRENADA	MISS 38901
MITSUI & COMPANY (USA), INC.	465 CALIFORNIA ST.	SAN FRANCISCO	CAL. 94104
MOHAWK MILLING COMPANY	BOX 509	NEWPORT	TENN 37821
AUGUST MOLDENHAUER MILL		MENFRO	MO. 63765
MONARCH FEED MILL	200 CLEMENTS	DEXTER	MO 63841
MONARCH MILLING COMPANY	101 S MAYSVILLE ST.	MT. STERLING	KY. 40353
MONROE BROS. SWEET FEED MILL		CAVE CITY	KY. 42127
MOORMAN MANUFACTURING COMPANY		QUINCY	ILL. 62301
MORGAN PACKING COMPANY, INC.		AUSTIN	IND. 47102
MORGANTOWN FEED MILL		MORGANTOWN	KY. 42261
MOR-MILK COMPANY	517 N JEFFERSON	DIXON	ILL. 61021
JOHN MORRELL & COMPANY	208 S. LASALLE ST.	CHICAGO	ILL. 60604

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

MORTON SALT COMPANY	110 N. WACKER DRIVE	CHICAGO	ILL. 60606
MOTHERS COOKIE CO.	2287 RALPH AVE.	LOUISVILLE	KY. 40216
MOWAT, WILSON & COMPANY	BOX 5171, 7 OAKS ST	DETROIT	MICH 48235
MULLICAN FEED MILL, INC	P O BOX 68	STANLEY	KY 42375
MUNFORDVILLE MILLING COMPANY		MUNFORDVILLE	KY. 42765
MUSIC CITY SUPPLEMENT CO	155 1ST AVE SOUTH	NASHVILLE	TENN 37202
MUTUAL PRODUCTS COMPANY	509 N. FOURTH ST.	MINNEAPOLIS	MINN 55401
NA-CHURS PLANT FOOD CO	421 MONPOE ST	MARION	OHIO 43302
HENRY NAGEL & SON	2641 SPRING GROVE	CINCINNATI	OHIO 45214
NAREMCO, INC.	P. O. BOX 1572 SSS	SPRINGFIELD	MO. 65805
NASHVILLE OIL MILL CORP	P.O. BOX 730	NASHVILLE	TENN 37202
NATIONAL ALFALFA DEHY & MILL	P. O. BOX 500	SHAWNEE MISS	KAN. 66201
NABISCO INC	425 PARK AVENUE	NEW YORK	N.Y. 10022
NABISCO INC	PO BOX 2208 CEN STA	TOLEDO	OHIO 43603
NATIONAL MOLASSES CO	BLAIR MILL ROAD	WILLOW GROVE	PA 19090
NATIONAL OATS COMPANY	1515 H. AVE NORTH E.	CEDAR RAPIDS	IOWA 52402
NATIONAL PACKING COMPANY	P.O. BOX 157	GREENVILLE	MISS 38701
NATIONAL STARCH & CHEM. CORP.	P.O. BOX 1299	INDIANAPOLIS	IND. 46221
NEW ERA MILLING COMPANY	309 W MADISON AVE	ARKANSAS CTY	KAN. 67005
NICHOLAS CO. FEEDERS SUPPLY	BOX 207	CARLISLE	KY. 40311
NIPAK INC.	301 S. HARWOOD ST.	DALLAS	TEX. 75201
NORTHERN OHIO SUGAR COMPANY	1530 SIXTEENTH ST	DENVER	COLOR 80292
NORWICH AGRI. PROD-DIV MORTON	17 EATON AVE	NORWICH	NY 13815
NUNN MILLING COMPANY INC	P O BOX 6047	EVANSVILLE	IND 47712
OCEAN LABS INC	1632 MCGAW PO BOX BL	IRVINE	CAL 92640
OCCIDENTAL CHEMICAL COMPANY	P.O. BOX 1185	HOUSTON	TEX 77001
OHIO BLENDERS, INC.	2404 SUMMIT ST.	TOLEDO	OHIO 43611
ODON MILLING CO. INC.		ODON	IND. 47562
OHIO GRAIN CO THE	110 MILL STREET	MILFORD CNTR	OHIO 43045
OLD STANLEY DISTILLERY, INC.	BOX 67	STANLEY	KY. 42375
OLIN CORP. - AGRI. DIV.	P.O. BOX 991	LITTLE ROCK	AR 72203
ORLEANS PACKING-(HI-LIFE)	18 SO. MICHIGAN AVE.	CHICAGO	IL 60603
ORRICK DEHYDRATING CO INC		ORRICK	MO 64077
OSCEOLA PRODUCTS COMPANY	P.O. BOX 217	OSCEOLA	ARK. 72370
OWENSBORO GRAIN COMPANY, INC.	P. O. BOX 1117	OWENSBORO	KY. 42301
OWENSBORO MILLING COMPANY	1440 W. 7TH ST.	OWENSBORO	KY. 42301
PACIFIC MOLASSES COMPANY	P O BOX 3952	SAN FRANCISCO	CAL 94119
PACKMASTER INC.	P.O. BOX 8938	CINCINNATI	OHIO 45208
PAN AMERICAN MILLS	1239 ADAMS ST.	BOWLING GREEN	KY. 42101
PARD DIV/NAT'L PET FOOD CORP	BOX 788	LONG BEACH	CALI 90801
OSHOMAC INC	BOX 429 STURGIS RD	MARION	KY 42064
PATOKA VALLEY FEED CORP	RURAL ROUTE	JASPER	IND 47546
PAYMASTER OIL MILL CO.	PO BOX 2988	PHOENIX	APIZ 85062
PEAVEY COMPANY FLOUR MILLS	730 SECOND AVE SO	MINNEAPOLIS	MINN 55402
PEETS FEEDS INC	BOX 369 33 SO 25 ST	COUNCIL BLUFF	IOWA 51501
PENICK & FORD LIMITED	P O BOX 428	CEDAR RAPIDS	IOWA 52406
PENN FEED CO.	617 BIZZELL DR	LEXINGTON	KY 40508
PERK FOODS CO., DIV. VETS	500 N. DEARBORN ST.	CHICAGO	ILL. 60610
PFIZER INC	235 EAST 42ND STREET	NEW YORK	NY 10017
PIERCE & WILLIAMS	BOX 359	HOPKINSVILLE	KY. 42240
PILLSBURY COMPANY	1072 PILLSBURY BLDG	MINNEAPOLIS	MINN 55402
PIONEER FARM SERVICE	2012 GRIMES AVE.	OWENSBORO	KY 42301
PIONEER FOOD INDUSTRIES INC	P O BOX 231	DE WITT	ARK 72042
PLANTERS MANUFACTURING COMPANY	P.O. BOX 10	CLARKSDALE	MISS 38614
PLANTERS OIL MILL	P.O. BOX 38	TUNICA	MISS 38676
PRINCETON MILLS	210 F. MAIN STREET	PRINCETON	KY. 42445
PROVICO FEEDS & CONCENTRATES	% BOTKINS GRAIN	BOTKINS	OHIO 45306
PROVIMI INC	99 BARTLEY ROAD	FLANDERS	NJ 07836
PUP CORN BRANDS, INC.	690 OSGOOD AVENUE	NEW BRITAIN	CONN 06053
QUAKER OATS COMPANY	345 MDSE MART PL	CHICAGO	ILL. 60654
QUINCY SOYBEAN COMPANY	1900 S. FRONT STREET	QUINCY	ILL. 62301

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

RACHELLE LABORATORIES INC	700 HENRY FORD B2029	LONG BEACH	CAL	90801
RAGLAND MILLS INC	R 2 BOX 55A	NEOSHO	MO	64850
C B RAGLAND CO	BOX 8597	NASHVILLE	TENN	37211
RALSTON PURINA COMPANY	835 S. 8TH STREET	ST. LOUIS	MO.	63199
REELFOOT ALFALFA MILL	HWY 78	TIPTONVILLE	TENN	38079
REELFOOT PACKING COMPANY	REELFOOT AVENUE	UNION CITY	TENN	38261
RETCHELT GRAIN CO.	600 S. FIRST ST.	BELLEVILLE	IL	62220
RICELAND FOODS	P O BOX 927	STUTTGART	ARK	72160
RICO LIQUIDS, INC.	BOX 423	ALICEVILLE	ALA.	35442
RICO SALES CORP	P O BOX 423	ALICEVILLE	ALA	35442
RIO GRANDE OIL MILL INC	P O BOX 351	HARLINGEN	TEX	78550
RIVAL PET FOODS	7830 W 71ST STREET	BRIDGEVIEW	ILL	60455
RIVERSIDE CHEMICAL CO	2185 DEMOCRAT RD	MEMPHIS	TENN	38118
RIVIANA FOODS, INC.	P. O. BOX 278	ABBEVILLE	LA.	70510
ROBBINS BRDS AUBURN ROLL MILLS	BOX 37	AUBURN	KY.	42206
ROBERTSON CORPORATION	P.O. BOX 128	SEYMOUR	IND.	47274
ALLEN ROBERTSON & COMPANY	139 N. FIRST STREET	LOUISVILLE	KY.	40202
ROBINSON MILLING COMPANY	125 MCNTICELLO ST.	SOMERSET	KY.	42501
ROCHE CHEMICAL DIVISION	HOFFMAN-LAROCHE INC.	NUTLEY	NJ	07110
G P ROSE	PO BOX 11057	NASHVILLE	TENN	37211
RUMINANT NITROGEN PROD CO	BOX 206 110 RUBY ST	ADRIAN	MICH	49221
RUSSELL SPRINGS MILLING CO.		RUSSELL SPRGS	KY.	42642
SANDUSKY MILL	365 E. OFFICE ST.	HARRODSBURG	KY.	40330
CHAPLES H. SCHENCK & SONS	R. R. 4	VINCENNES	IND.	47591
JOHN SCHLEMMER	307-319 N. STATE ST.	HARRISON	OHIO	45030
SCHENLEY DISTILLERS	P.O. BOX 169	FRANKFORT	KY	40601
SCHENLEY DISTILLERS, INC.	888 SEVENTH AVE	NEW YORK	NY	10019
SCIOTO FARM BUREAU CO-OP ASSN	BOX 705	LUCASVILLE	OHIO	45648
SCOTTS AUBURN MILLS INC	P O BOX 218	AUBURN	KY	42206
SCOTT COUNTY MILLING COMPANY	P. O. BOX 340	STKESTON	MO.	63801
SEA-BORN CORP		WINTER HAVEN	FLA	33880
SEA-BORN CORP	2000 ROCKFORD RD	CHARLES CITY	IOWA	50616
JOSEPH A SEAGRAM & SONS	PO BOX 189	LAWRENCEBURG	IND	47025
SEABOARD ALLIED MILLING CORP.	P O BOX 19148	KANSAS CITY	MO	64141
SEACOAST PRODUCTS INC	#1 CAPE HENLOPEN DR	LEWES	DELA	19958
SEBREE FEED & GRAIN CO		SEBREE	KY	42455
SEABROOK BLANCHING CORP	INDUSTRIAL PARK	EDENTON	N C	27932
SECURITY MILLS OF CONAGRA INC	BOX 671	KNOXVILLE	TENN	37901
SILER CITY MILLS INC	118 W 2ND STREET	SILER CITY	N C	27344
SIEMER MILLING COMPANY		TEUTOPOLIS	ILL.	62467
SIKESTON COTTON OIL MILL	P.O. BOX 430	SIKESTON	MO.	63801
SMITHFIELD MILLING COMPANY		SMITHFIELD	KY.	40068
SMITH SWEET FEED MILLS INC.	P. O. BOX 446	BOWLING GREEN	KY	42101
SNYDER MOLASSES COMPANY	1791 W. HOWARD ST.	CHICAGO	ILL.	60626
SMS INDUSTRIES INC	P O BOX 755	HIGHLANDS	TEX.	77562
SOUTHERN COTTON OIL CO., INC.	P O BOX 24219	NEW ORLEANS	LA	70124
SOUTHERN COTTON OIL CO., INC.	815 NELSON	GREENVILLE	MISS	38701
SOUTHERN COTTON OIL CO., INC.	BX 100-1351 WILLIAMS	MEMPHIS	TN	38101
SO. STATES BARDSTOWN COOP	403 CATHEDRAL MANOR	BARDSTOWN	KY.	40004
SO. STATES HARDIN COOP	RFD 2	ELIZABETHTOWN	KY.	42701
SO. STATES HOPKINSVILLE COOP	501 E. 13TH STREET	HOPKINSVILLE	KY.	42240
SO. STATES LONDON COOP	P. O. BOX 604	LONDON	KY.	40741
SO. STATES RICHMOND COOP	BOX 299	RICHMOND	KY.	40475
SO. STATES COOPERATIVE	7TH & MAIN STREETS	RICHMOND	VA.	23213
WOODFORD SPEARS & SONS	P.O. BOX 143	PARIS	KY.	40361
SPECIALTY FEEDS INC.	STAR ROUTE BOX 28	SOUTHAVEN	MISS	38671
SPENCER FARM SERVICE	SO. STATES AGENCY	TAYLORSVILLE	KY.	40071
SPENCER KELLOGG	120 DELAWARE AVE.	BUFFALO	N.Y.	14240
SPHAR & COMPANY	523-527 OAK STREET	MT. CARMEL	ILL.	62863
SQUARE DEAL FORTIFICATION	BOX 377	KOUTS	IN	46347
A. E. STALEY MANUFACTURING CO	2200 E. ELDERADO	DECATUR	IL	62525

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

STANDARD BRANDS, INC.	625 MADISON AVE.	NEW YORK	NY	10022
STAR-KIST FOODS, INC.	582 TUNA STREET	TERMINAL IS.	CAL.	90730
STRID GRAIN COMPANY	P O BOX 2267	GREEN BAY	WIS.	54306
STRONGHEART PRODUCTS COMPANY	P. O. BOX 2009	KANSAS CITY	KAN.	66110
STURGIS MILLING COMPANY	P.O. BOX 131	STURGIS	KY.	42459
SUCREST CORP	120 WALL STREET	NEW YORK	N Y	10005
SUNSHINE FEED MILLS INC	P O DRAWER S	RED BAY	ALA	35582
SUNSHINE MILLS INC	BOX 1483	TUPELO	MISS	38801
SUNSHINE MOLASSES COMPANY		SOMERSET	KY.	42501
SUPER-MOL, HUGHES FEED-GRAIN	RT 3 BOX 498	TAMPA	FLA	33619
SUPREME MILLS	BOX 377	GLASGOW	KY.	42141
D. B. SUTHERLAND & SONS		BLOOMFIELD	KY.	40008
SWIFT EDIBLE OIL COMPANY	PO BOX 68	CHAMPAIGN	ILL	61820
SWIFT & CO ANIMAL PROTEIN PL	1551 ALLEN LANE	EVANSVILLE	IND	47710
SYMBIOSIS COMPANY	4500 PARKVIEW PLACE	ST LOUIS	MO	63110
T & H FEED SERVICE		LEBANON	KY.	40033
TATECO MILLS INC	P O BOX 664	SENATOBIA	MISS	38668
TAYLOR COUNTY FEED CO.	612 E. FIRST STREET	CAMPBELLSVILL	KY.	42718
TEATER & CASSITY	309 N. 3RD STREET	NICHOLASVILLE	KY.	40356
TENNESSEE FARMERS COOPERATIVE		LA VERGNE	TENN	37086
TENN VALLEY COTTON OIL MILL	P O BOX 1648	DECATUR	ALA	35601
THOMAS THOMAS & HAROLD THOMAS	ROUTE 4	MORGANFIELD	KY	42437
THOMPSON HAYWARD CHEMICAL CO	P O BOX 2383	KANSAS CITY	KAN	66110
THOMPSON AND NASH INC.	602 HENRY CLAY ST.	SHELBYVILLE	KY.	40065
THOROBRED COMPANY, INC.	P.O. BOX 313	WAYNESVILLE	OHIO	45068
THOROFARE MARKETS INC		PITTSBURGH	PA	15230
THURMONDS COAL & FEED CO		MURRAY	KY	42071
TRACTOR SUPPLY CO., INC	4747N. RAVENSWD. AVE	CHICAGO	IL	60604
TRI-ASSOCIATES, INC.	8500 PILLSBURG AVE	MINNEAPOLIS	MINN	55403
TRI-COUNTY FARM SUPPLY	P.O. BOX 445	CORBIN	KY.	40701
TRIMBLE COOPERATIVE, INC.		MILTON	KY.	40045
TRIPLE F FEEDS	PO BOX3600 URBANDALE	DES MOINES	IOWA	50322
TRIPLE T GRAIN & FERTILIZER	ROUTE 1	VINGENNES	IND	47591
T S C INDUSTRIES INC		CHICAGO	ILL	60640
ULTRA-LIFE LABORATORIES, INC.	35TH & WALNUT AVE.	E. ST. LOUIS	ILL.	62201
UNION COUNTY GRAIN COMPANY	600 KELSEY STREET	STURGIS	KY.	42459
UNITED STATES SUGAR CORP.	P.O. DRAWER 1207	CLEWISTON	FLA.	33440
UNIVERSAL TRANSPARENT BAG CO	230 W MCCARTY ST	INDIANAPOLIS	IND	46206
URBANA MILLS CO	P O BOX 312	URBANA	OHIO	43078
USS AGRI CHEMICALS	BOX 90446	NASHVILLE	TN	37209
VETS DIV OF PERK FOODS CO.	500 N. DEARBORN ST.	CHICAGO	ILL.	60610
VIGORTONE PRODUCTS CO	931 BLAIRS FERRY RD	CEDAR RAPIDS	IOWA	52406
VISTRON CORP AG SERVICES	P O BOX 628	LIMA	OHIO	45802
VITA KELP DIV	3401 HIAWATHA AVE S	MINNEAPOLIS	MINN	55406
VIT-A-WAY, INC.	BOX 4311	FORT WORTH	TEX.	76106
VITA PLUS CORPORATION	P.O. BOX 926	MADISON	WISC	53701
VITAMINERAL PRODUCTS COMPANY	1520 N E ADAMS ST.	PEORIA	ILL.	61603
V M S INC	P O BOX 406	MONTGOMERY	ALA	36101
VYLACTOS LABORATORIES, INC.	1901 E. EUCLID AVE.	DES MOINES	IOWA	50313
WAGNER-INDDE INC	1223 BEN FULTON AVE	N LAWRENCE	OHIO	44666
WATKINS PRODUCTS CO., INC.	BOX 2447	MEMPHIS	TENN	38102
WEBSTER COUNTY GRAIN CO	RAILROAD ST	CLAY	KY	42404
WEISENBERGERS MILLS	BOX 215	MIDWAY	KY.	40347
WELL DIV. NATIONAL PACKING CO.	617 SO. D. ST.	MCMOUTH	IL	61462
WESTGATE-CALIFORNIA FOODS INC	1995 BAY FRONT	SAN DIEGO	CAL	92112
WEST TENNESSEE SOYA MILL, INC.	HIGHWAY 78	TIPTONVILLE	TENN	38257
WESTERN ALFALFA CORP	BOX 69	SHAWNEE MISSN	KAN	66201
MARTHA WHITE FOODS, INC.	P.O. BOX 58	NASHVILLE	TENN	37202
MARTHA WHITE MILLS OF W. VA.	P.O. BOX 58	HUNTINGTON	W VA	25706
WHITWATER FLOUR MILLS	BOX 39	WHITWATER	KAN.	67154
WHITMER COMPANY	P.O. BOX 685	BOWLING GREEN	KY.	42101

COMPANIES HAVING FEED REGISTERED AS OF DEC. 31, 1973

WHITMOYER LAB., INC.	19 N. RAILROAD ST.	MYERSTOWN	PA.	17067
WHIZ PET FOOD COMPANY	PIER 89	SEATTLE	WASH	98119
R. L. WILES FEED MILLS INC.	900 3RD AVE NO.	NASHVILLE	TENN	37210
WILSON & CO.	4545 N. LINCOLN BLVD	OKLA. CITY	OK	73105
WILSON ENTERPRISES INC	P O BOX 386	COLONIAL HTS	VA	23834
WINN MILLING COMPANY	208 E. COLUMBIA AVE.	GREENSBURG	KY	42743
WOODFORD FEED COMPANY	LEXINGTON ROAD	VERSAILLES	KY.	40383
YAZOO VALLEY OIL MILL, INC.	P O BOX 1320	GREENWOOD	MISS	38930
YOUNG JOHN F COMPANY	3914 MIAMI RD	CINCINNATI	OHIO	45227
Y-V MINERALS, INC	R.R. 6, BOX 167	GREENWOOD	IND.	46142

LABELING OF MEDICATED CUSTOM MIXED FEED

Mr. Dealer, as you require directions for proper mixing of antibiotics and drugs in feeds the producer also needs information for safe and effective use of these feeds. Protect yourself and your customers by providing complete drug information. Custom mix feed invoices are required to bear the following information:

1. Manufacturer's name and address.
2. Customer's name and address.
3. Delivery date.
4. Net weight of each ingredient, brand name of registered ingredients and active drug ingredient statement.
5. Adequate directions for use, applicable drug claims and all warning or caution statements necessary for safe and effective use.

TAKE TIME

OBSERVE LABEL
DIRECTIONS

*If You Don't Tell
Them—Who Will?*

COMMERCIAL FEEDS IN KENTUCKY, 1973
 REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Albers Milling Co., Los Angeles, Cal. 90036		
Total Samples Analyzed	2	
Total Violative Samples	0	
Allied Chemical Corp., Omaha, Neb. 68124		
Total Samples Analyzed	2	
Total Violative Samples	1	
100% Supro Compensator Concentrate	Crude Protein, % 100.0	91.2
Allied Chemical Corp., Houston, Texas 76101		
Total Samples Analyzed	1	
Total Violative Samples	0	
Allied Mills, Libertyville, Ill. 60048		
Total Samples Analyzed	132	
Total Violative Samples	6	
Wayne Universal Egg	Crude Protein, % 17.0	13.9
Wayne Pro-Gram Mixer 40	Crude Protein, % 40.0	36.1
Waynextra for Swine Formula #1 Med.	Oxytetracycline, G/lb 2.5	1.0
Wayne-A-Gain TY 40 Med. M-V3	Tylosin, G/lb 0.80	0.12
Wayne Calf Krunch Med. M-27	Chlortetracycline, G/T 20.0	4.9
Wayne 52% Pro-Sweet Balancer	Crude Protein, % 52.0	43.2
American Cyanamid Co., Princeton, N.J. 08540		
Total Samples Analyzed	4	
Total Violative Samples	0	
Anderson Farm Service, Lawrenceburg, Ky. 40342		
Total Samples Analyzed	1	
Total Violative Samples	0	
Anderson & Spilman, Danville, Ky. 40422		
Total Samples Analyzed	4	
Total Violative Samples	1	
Dependable 40% Hog Supplement Med.	Arsanilic Acid, % 0.05	0.08
Anglo Sweet Feed Mill, Owensboro, Ky. 42301		
Total Samples Analyzed	11	
Total Violative Samples	1	
Ace 40% Protein Pig & Hog Supplement Med.	Crude Protein, % 40.0	33.5
Ashland Milling Co., Ashland, Ky. 41101		
Total Samples Analyzed	2	
Total Violative Samples	0	
Aubrey Feed Mills, Louisville, Ky. 40204		
Total Samples Analyzed	137	
Total Violative Samples	9	
Red A 50% Cattle Supplement	Crude Protein, % 50.0	47.7
Aubreys Special 16 1/2% Dairy Feed	Crude Protein, % 16.5	12.3
Red A 44% Dairy Supplement	Crude Protein, % 44.0	41.7
Red A 40% Hog Supplement Meal	Crude Protein, % 40.0	37.1
Red A 40% Hog Supplement Meal	Crude Protein, % 40.0	36.5
Red A 40% Hog Supplement Meal	Crude Protein, % 40.0	36.5
Red A 40% Hog Supplement Meal	Crude Protein, % 40.0	35.6
Red A 40% Hog Supplement Pellets	Crude Protein, % 40.0	36.1
Red A 40% Hog Supplement Pellets	Crude Protein, % 40.0	36.5

REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Bagdad Roller Mills, Bagdad, Ky. 40003		
Total Samples Analyzed 11		
Total Violative Samples 3		
Rocket Age Pig Starter Pellets Med.	Chlortetracycline, G/T 100.0	0.0
	Penicillin, G/T 50.0	0.0
	Sulfamethazine, % 0.011	0.003
Rocket Age 40% Hog Concentrate Meal	Crude Protein, % 40.0	37.0
Rocket Age Hog Wormer Pellets Med.	Penicillin, G/T 2.5	0.0
Barton Brands, LTD, Bardstow, Ky. 40004		
Total Samples Analyzed 5		
Total Violative Samples 0		
Bi-Co. Farm Bureau Co-op., Florence, Ky. 41042		
Total Samples Analyzed 3		
Total Violative Samples 0		
Bio Zyme Enterprises, St. Joseph, Mo. 64504		
Total Samples Analyzed 3		
Total Violative Samples 1		
Vita Ferm Cow Calf	Salt, % 30.0	36.0
Blue Barn Dog Food Co., New Albany, Ind. 47150		
Total Samples Analyzed 1		
Total Violative Samples 0		
Otis Bryant & Son Milling, Caneyville, Ky. 42721		
Total Samples Analyzed 10		
Total Violative Samples 6		
Gold Medal 16% Layer Ration	Crude Protein, % 16.0	13.7
Gold Medal 16% Sweet Dairy Feed	Crude Protein, % 16.0	13.5
Gold Medal 16% Pig Starter Med.	Crude Protein, % 16.0	13.1
	Chlortetracycline, G/T 100.0	23.2
	Penicillin, G/T 50.0	20.8
Gold Medal 16% Pig Starter Med.	Crude Protein, % 16.0	13.5
Gold Medal 16% Pig Starter Med.	Crude Protein, % 16.0	13.2
Gold Medal 40% Hog Concentrate Med.	Crude Protein, % 40.0	36.4
Buckeye Cellulose Corp., Memphis, Tenn. 38108		
Total Samples Analyzed 2		
Total Violative Samples 0		
A.C. Butts and Sons., Fulton, Ky. 42041		
Total Samples Analyzed 2		
Total Violative Samples 0		
CPC International, Englewood Clf., N.J. 07632		
Total Samples Analyzed 2		
Total Violative Samples 0		
Cadiz Milling Co., Cadiz, Ky. 42211		
Total Samples Analyzed 5		
Total Violative Samples 0		
Campbellsville Milling, Campbellsville, Ky. 42718		
Total Samples Analyzed 2		
Total Violative Samples 0		

REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Caneyville Roller Mill, Caneyville, Ky. 42721		
Total Samples Analyzed	8	
Total Violative Samples	0	
Cargill Nutrena Feed Div., Minn., Minn. 55402		
Total Samples Analyzed	27	
Total Violative Samples	1	
Nutrena Liquid Supplement - 32	Crude Protein, %	29.8
	32.0	
Carroll Co. Farm Bureau, Carrollton, Ky. 41008		
Total Samples Analyzed	1	
Total Violative Samples	0	
Central Soya, Ft. Wayne, Ind. 46802		
Total Samples Analyzed	129	
Total Violative Samples	4	
Master Mix Gro-Getter Concentrate	Salt, %	8.8
Master Mix 38% Milk Master Concentrate	Crude Protein, %	33.5
Master Mix 42% Dairy Concentrate	Crude Protein, %	26.8
Master Mix Complete Rabbit Pel	Sulfaquinoxaline, %	0.041
	0.012	
Consolidated Mills, Blissfield, Mich. 49228		
Total Samples Analyzed	4	
Total Violative Samples	2	
Consolidated 13% Suncured Alfalfa Pellets	Crude Protein, %	9.2
Consolidated 17% Dehydrated Alfalfa Meal	Crude Fiber, %	29.7
	13.0	
	27.0	
Cook Industries, Marks, Miss. 38646		
Total Samples Analyzed	3	
Total Violative Samples	0	
Craft Feed & Grain, Catlettsburg, Ky. 41129		
Total Samples Analyzed	2	
Total Violative Samples	2	
Easy Flo 16% Dairy Feed	Crude Protein, %	12.8
Easy Flo 16% Swine Grower Med.	Crude Protein, %	12.8
	16.0	
	16.0	
Crescent Roller Mills, Taylorsville, Ky. 40071		
Total Samples Analyzed	6	
Total Violative Samples	1	
Crescent 50% Dairy Supplement	N.P.N., %	25.1
	20.9	
Custom Feed Mills, Morganfield, Ky. 42437		
Total Samples Analyzed	15	
Total Violative Samples	1	
C M 18% Pig Starter Plus TY-S	Tylosin, G/T	59.0
	100.0	
Dixie Mills Co., E. St. Louis, Ill. 62202		
Total Samples Analyzed	8	
Total Violative Samples	0	
Dixie Portland Flour Mills, Memphis, Tenn. 38101		
Total Samples Analyzed	1	
Total Violative Samples	0	

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Doane Products Co., Joplin, Mo. 64801 Total Samples Analyzed 4 Total Violative Samples 0		
Duncan-McFarland Farm Service, Lawrenceburg, Ky. 40342 Total Samples Analyzed 1 Total Violative Samples 0		
Elanco Products Co., Indianapolis, Ind. 46206 Total Samples Analyzed 1 Total Violative Samples 0		
F.L. Emmert Co., Cincinnati, Ohio 45214 Total Samples Analyzed 2 Total Violative Samples 0		
John W. Eshelman & Sons, Lancaster, Pa. 17604 Total Samples Analyzed 9 Total Violative Samples 0		
Farm Service Center, Beaver Dam, Ky. 42302 Total Samples Analyzed 3 Total Violative Samples 0		
Farmers Supply & Service, Greenville, Ky. 42345 Total Samples Analyzed 1 Total Violative Samples 0		
Farmers Friend Mineral Co., Napoleon, Ohio 43545 Total Samples Analyzed 1 Total Violative Samples 0		
Farmers & Ginners Cotton Oil Mill, Birmingham, Ala. 35202 Total Samples Analyzed 2 Total Violative Samples 0		
Farmers Milling Co., Somerset, Ky. 42501 Total Samples Analyzed 1 Total Violative Samples 1 Farmers 16% Mixed Feed	Crude Protein, %	16.0
Farmers Supply Co., Springfield, Ky. 40069 Total Samples Analyzed 2 Total Violative Samples 0		
Farmers Supply & Produce, Monticello, Ky. 42633 Total Samples Analyzed 1 Total Violative Samples 0		
Farmland Industries, Kansas City, Mo. 64116 Total Samples Analyzed 8 Total Violative Samples 1 Coop. Mor-M'llass 85% Equiv. Cane Molasses	Invert Sugar, %	42.0
		12.6
		37.3

REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Fischer Packing Co., Louisville, Ky. 40201		
Total Samples Analyzed	3	
Total Violative Samples	0	
Fort Negley Mills, Nashville, Tenn. 37203		
Total Samples Analyzed	1	
Total Violative Samples	0	
Henry Fruechtenicht Co., Louisville, Ky. 40202		
Total Samples Analyzed	85	
Total Violative Samples	8	
Producer 50% Cattle Concentrate	Crude Protein, %	47.0
Producer Beef Balancer	N.P.N., %	18.0
Producer 44% Dairy Concentrate	N.P.N., %	23.8
Producer Pig Grower T Med.	Tylosin, G/T	18.5
Producer Pig Developer Med.	Crude Protein, %	37.2
	Chlortetracycline, G/T	26.8
	Penicillin, G/T	13.9
Producer Pig Developer Med.	Chlortetracycline, G/T	47.5
Producer Pig Balancer T Automatic Med.	Tylosin, G/T	105.5
Producer Hog Balancer T Automatic Med.	Tylosin, G/T	110.0
Frueen Milling Co., Minn., Minn. 55403		
Total Samples Analyzed	1	
Total Violative Samples	0	
Gallatin Co. Farm Supply, Warsaw, Ky. 41095		
Total Samples Analyzed	2	
Total Violative Samples	2	
Hall's 16% Special Dairy	Crude Protein, %	13.3
Hall's 16% Special Dairy	Crude Protein, %	13.7
J.I. Gates Milling Co., Columbus, Ohio 43223		
Total Samples Analyzed	4	
Total Violative Samples	2	
Well Maid Sweet Feed	Crude Protein, %	21.2
Well Maid Sweet Feed	Crude Protein, %	18.6
Goldenrod Oil Meal Sales Co., Memphis Tenn. 38101		
Total Samples Analyzed	3	
Total Violative Samples	0	
Gooch Feed Mill Co., Lincoln, Neb. 68501		
Total Samples Analyzed	1	
Total Violative Samples	0	
Green Co. Milling Co., Greensburg, Ky. 42743		
Total Samples Analyzed	1	
Total Violative Samples	1	
Greenco 16% Calf Ration	Crude Protein, %	11.2
Ham Hill Farm, Coxs Creek, Ky. 40013		
Total Samples Analyzed	3	
Total Violative Samples	1	
42% Hog Concentrate	Crude Protein, %	38.6

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND	
Harvest Brand, Inc., Pittsburg, Kan. 66762			
Total Samples Analyzed	30		
Total Violative Samples	14		
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	26.3
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	34.7
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	21.2
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	27.5
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	21.4
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	22.9
Sweet Georgia Brown Dry Molasses	Invert Sugar, %	42.0	37.7
Sweet Georgia Brown Dry Molasses	Invert Sugar, %	42.0	35.8
Sweet Georgia Brown Dry Molasses	Crude Fiber, %	19.0	21.3
Kandy Kid Dri-Lasses	Crude Fiber, %	19.0	22.8
	Invert Sugar, %	42.0	31.2
Kandy Kid Dri-Lasses	Crude Fiber, %	19.0	27.6
Kandy Kid Dri-Lasses	Crude Fiber, %	19.0	22.8
Kandy Kid Dri-Lasses	Crude Fiber, %	19.0	34.9
Kandy Kid Dri-Lasses	Crude Fiber, %	19.0	22.5
Haydon Mill & Grain, Springfield, Ky. 40069			
Total Samples Analyzed	6		
Total Violative Samples	1		
Magic Brand 16% Sweet Dairy Feed	Crude Protein, %	16.0	13.9
Heaven Hill Distilleries, Bardstown, Ky. 40004			
Total Samples Analyzed	13		
Total Violative Samples	1		
Corn Distillers Dried Grains	Crude Protein, %	26.0	23.6
Dr. Heinz Co., Washington Ch., Ohio 43160			
Total Samples Analyzed	1		
Total Violative Samples	0		
Helena Cotton Oil Co., Helena, Ark. 72342			
Total Samples Analyzed	2		
Total Violative Samples	0		
The Hyland Co., Ashland, Ky. 41101			
Total Samples Analyzed	3		
Total Violative Samples	0		
Igleheart Operation, Evansville, Ind. 47707			
Total Samples Analyzed	3		
Total Violative Samples	0		
Industrial Molasses Corp., Minn., Minn. 55435			
Total Samples Analyzed	1		
Total Violative Samples	0		
International Multifoods, Minn., Minn. 55402			
Total Samples Analyzed	40		
Total Violative Samples	14		
Supersweet Beefmaker A	Crude Protein, %	32.0	28.0
Supersweet Beefmaker G	N.P.N., %	20.1	27.1
Supersweet Milkmaker S	N.P.N., %	25.0	31.5
Supersweet Milkmaker S	Crude Protein, %	48.0	45.4
	Crude Fiber, %	7.5	10.2
Supersweet Milkmaker S	Crude Protein, %	48.0	44.1
Supersweet Super Pig Mixer 3311	Crude Protein, %	36.0	33.6

REPORT OF OFFICIAL FEED SAMPLES ANALYZED—1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
International Multifoods (Continued)		
Supersweet Super Hog Maker	Crude Protein, % 42.0	38.6
Supersweet Super Hog Maker	Crude Fiber, % 6.0	8.2
Supersweet Pork 40	Crude Protein, % 40.0	36.0
Supersweet Porkmaker	Crude Protein, % 40.0	37.7
Supersweet Porkmaker	Crude Protein, % 40.0	37.9
	Crude Fiber, % 7.0	11.1
Supersweet Porkmaker	Crude Fiber, % 7.0	9.2
Supersweet Liqua Pro	Invert Sugar, % 31.0	25.4
Kaler Milling Company, Symsonia, Ky. 42082		
Total Samples Analyzed 6		
Total Violative Samples 1		
16% Milking Dairy Feed	Crude Protein, % 16.0	12.4
Keco Milling Co., McKenzie, Tenn. 38201		
Total Samples Analyzed 6		
Total Violative Samples 1		
Martha White 45% Dairy Supplement	Crude Protein, % 45.0	40.6
Kentucky By-Products Corp., Louisville, Ky. 40211		
Total Samples Analyzed 33		
Total Violative Samples 18		
24% Brewers Dried Grain	Crude Protein, % 24.0	21.3
Dri-Molass	Crude Fiber, % 12.0	15.5
Dri-Molass	Crude Fiber, % 12.0	16.0
	Invert Sugar, % 42.0	37.0
Dri-Molass	Invert Sugar, % 42.0	37.0
	Crude Fiber, % 12.0	15.3
Dri-Molass	Invert Sugar, % 42.0	34.4
Dri-Molass	Invert Sugar, % 42.0	37.0
Dri-Molass	Invert Sugar, % 42.0	35.0
Dri-Molass	Crude Fiber, % 12.0	16.6
Dri-Molass	Invert Sugar, % 42.0	37.3
Dri-Molass	Crude Fiber, % 12.0	14.6
Dri-Molass	Invert Sugar, % 42.0	34.0
Dri-Molass	Invert Sugar, % 42.0	37.5
Dri-Molass	Invert Sugar, % 42.0	35.6
Dri-Molass	Crude Fiber, % 12.0	16.8
Dri-Molass	Crude Fiber, % 12.0	15.2
Dri-Molass	Crude Fiber, % 12.0	16.8
Dri-Molass	Crude Fiber, % 12.0	16.2
Dri-Molass	Crude Fiber, % 12.0	16.6
Dri-Molass	Crude Fiber, % 12.0	15.3
King-K Grass Tetany Block	Magnesium, % 3.0	6.4
Keynes Brothers, Logan, Ohio 43138		
Total Samples Analyzed 2		
Total Violative Samples 0		
Kingston Farmers Exchange, Kingston, Ohio 45644		
Total Samples Analyzed 2		
Total Violative Samples 1		
King 16% Egg Mash	Crude Protein, % 16.0	13.7
La Crosse Milling Co., Cochrane, Wis. 54622		
Total Samples Analyzed 1		
Total Violative Samples 1		
Diamond Brand Race Horse Oats	Crude Protein, % 15.0	12.7

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Lewisburg Roller Mills, Lewisburg, Ky. 42256 Total Samples Analyzed 1 Total Violative Samples 0		
Lilly Bros. Seed Co., Hopkinsville, Ky. 42240 Total Samples Analyzed 2 Total Violative Samples 1 Big H 12% Hog Finisher Med.	Arsanilic Acid, % 0.005	0.007
Loretto Feed & Fert., Loretto, Ky. 40073 Total Samples Analyzed 7 Total Violative Samples 1 Cooks Hunter Dog Food	Crude Protein, % 23.0	18.1
Lowes Feed & Hatchery, Bowling Green, Ky. 42101 Total Samples Analyzed 16 Total Violative Samples 9 Lowes Pig Starter Med. Lowes Pig Starter Med. Lowes Pig Gro Med. Lowes Pig Gro Med. Lowes 42% Pig Concentrate Med. Lowes 42% Pig Concentrate Med. Lowes 42% Pig Concentrate Med. Lowes 42% Pig Concentrate Med.	Crude Protein, % 18.0 Chlortetracycline, G/T 100.0 Arsanilic Acid, % 0.01 Arsanilic Acid, % 0.01 Crude Protein, % 42.0 Crude Protein, % 42.0 Arsanilic Acid, % 0.04 Crude Protein, % 42.0 Penicillin, G/T 17.5	15.7 49.1 .002 0.00 39.2 39.3 0.02 37.6 0.0
Lowes Pellets & Grain, Greensburg, Ind. 47240 Total Samples Analyzed 4 Total Violative Samples 1 Swine Forta-Mix 200 (MX) Med.	Crude Protein, % 35.0	32.6
M & W Milling Co., Columbia, Ky. 42728 Total Samples Analyzed 1 Total Violative Samples 0		
Marksberry Feed Dairy Supply, Philpot, Ky. 42366 Total Samples Analyzed 7 Total Violative Samples 2 Golden Pro 60 #9465-B Golden Pro 60 #9465-B	Crude Protein, % 60.0 Crude Protein, % 60.0	57.9 56.6
Mayfield Sweet Feed Mill, Mayfield, Ky. 42066 Total Samples Analyzed 13 Total Violative Samples 1 Maysweet 32% Sow Supplement	Crude Fiber, % 7.0	9.4
McCauley Bros. Seed Co., Versailles, Ky. 40383 Total Samples Analyzed 6 Total Violative Samples 2 Ag Time 50% Hi-Time Concentrate Ag Time 50% Hi-Time Concentrate	Crude Protein, % 50.0 Crude Protein, % 50.0	47.8 47.3
McGahan and Co., Paintsville, Ky. 41240 Total Samples Analyzed 1 Total Violative Samples 0		

REPORT OF OFFICIAL FEED SAMPLES ANALYZED—1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
Medley Distilling Co., Postoria, Ohio 44830			
Total Samples Analyzed	1		
Total Violative Samples	0		
Mid-South Feeds, Nashville, Tenn. 37209			
Total Samples Analyzed	5		
Total Violative Samples	1		
32% Dairy Concentrate	Crude Protein, %	32.0	26.5
Minter City Oil Mill, Minter City, Miss. 38944			
Total Samples Analyzed	1		
Total Violative Samples	0		
Miss. Cotton Seed Products., Grenada, Miss. 38901			
Total Samples Analyzed	2		
Total Violative Samples	0		
Mohawk Milling Company, Newport, Tenn. 37821			
Total Samples Analyzed	1		
Total Violative Samples	0		
Moorman Manufacturing Co., Quincy, Ill. 62301			
Total Samples Analyzed	32		
Total Violative Samples	1		
Moormans Premix-Trate 80-AU Med.	Crude Protein, %	80.0	87.4
Mullican Feed Mill, Stanley, Ky. 42375			
Total Samples Analyzed	2		
Total Violative Samples	1		
Feeders Delight 15 1/2% Pig Grower Feed Med	Crude Protein, %	15.5	13.4
Na-Churs Plant Food Co., Marion, Ohio 43302			
Total Samples Analyzed	2		
Total Violative Samples	0		
Henry Nagel & Son, Cincinnati, Ohio 45214			
Total Samples Analyzed	3		
Total Violative Samples	0		
Nashville Oil Mill Corp., Nashville, Tenn. 37202			
Total Samples Analyzed	1		
Total Violative Samples	0		
National Molasses Co., Willow Grove, Pa. 19090			
Total Samples Analyzed	9		
Total Violative Samples	5		
Mol-Mix 32-050	Crude Protein, %	32.0	39.9
Mol-Mix 32-050	Crude Protein, %	32.0	41.1
Mol-Mix 32-050	Crude Protein, %	32.0	38.2
Mol-Mix 32-055	Crude Protein, %	32.0	37.4
Mol-Mix 32-055	Crude Protein, %	32.0	39.4
Nunn Milling Co., Evansville, Ind., 47712			
Total Samples Analyzed	9		
Total Violative Samples	0		

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Owensboro Grain Co., Owensboro, Ky. 42301		
Total Samples Analyzed	21	
Total Violative Samples	5	
44% Protein Solvent Extracted Soybean Meal	Crude Protein, % 44.0	38.8
	Crude Fiber, % 7.0	10.2
44% Protein Solvent Extracted Soybean Meal	Crude Protein, % 44.0	40.1
	Crude Fiber, % 7.0	9.6
44% Protein Solvent Extracted Soybean Meal	Crude Fiber, % 7.0	9.6
44% Protein Solvent Extracted Soybean Meal	Crude Protein, % 44.0	50.7
44% Protein Solvent Extracted Soybean Meal	Crude Protein, % 44.0	40.8
	Crude Fiber, % 7.0	10.9
Owensboro Milling Co., Owensboro, Ky. 42301		
Total Samples Analyzed	25	
Total Violative Samples	3	
Trutest 44% Beef Cattle Supplement	Crude Protein, % 44.0	38.3
Trutest 44% Dairy Supplement	Crude Fiber, % 5.0	8.9
Trutest 36% Pig & Sow Concentrate Med.	Penicillin, G/T 13.1	6.40
Pan American Mills, Bowling Green, Ky. 42101		
Total Samples Analyzed	35	
Total Violative Samples	8	
Green Valley Feeds 35% Hog Concentrate	Penicillin, G/T 17.5	0.0
Green Valley Feeds 35% Hog Concentrate	Crude Protein, % 35.0	32.9
	Penicillin, G/T 17.5	0.0
Green Valley Feeds 35% Hog Concentrate	Penicillin, G/T 17.5	0.0
Green Valley 40% Hog Supplement Med.	Crude Protein, % 40.0	36.0
Green Valley 40% Hog Supplement Med.	Arsanilic Acid, % 0.05	0.0
Green Valley 40% Dairy Concentrate	Crude Protein, % 40.0	35.8
Green Valley 18% Sow & Pig Pellets Med.	Roxarsone, % 0.01	0.0
Green Valley 18% Sow & Pig Pellets Med.	Arsanilic Acid, % 0.010	0.018
Pfizer, Inc., New York, N.Y. 10017		
Total Samples Analyzed	2	
Total Violative Samples	0	
Pierce & Williams, Hopkinsville, Ky. 42240		
Total Samples Analyzed	7	
Total Violative Samples	0	
Pioneer Farm Service, Owensboro, Ky. 42301		
Total Samples Analyzed	1	
Total Violative Samples	0	
Planters Oil Mill, Tunica, Miss. 38676		
Total Samples Analyzed	2	
Total Violative Samples	0	
Princeton Mills, Princeton, Ky. 42445		
Total Samples Analyzed	4	
Total Violative Samples	0	
Provico Feeds & Concentrates, Botkins, Ohio 43506		
Total Samples Analyzed	2	
Total Violative Samples	1	
Provico Layer Provikets Winter	Crude Protein, % 16.0	13.6

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Quincy Soybean Co., Quincy, Ill. 62301		
Total Samples Analyzed	1	
Total Violative Samples	0	
Rachelle Laboratories, Long Beach, Cal. 90801		
Total Samples Analyzed	2	
Total Violative Samples	0	
Ralston Purina Company, St. Louis, Mo. 63199		
Total Samples Analyzed	422	
Total Violative Samples	65	
Purina Receiving Chow SM-AB	Sulfamethazine, %	0.007
Purina Special Steer Fatena 50 (G)	Crude Protein, %	0.004
Purina Special Steer Fatena 50 (G)	Crude Protein, %	46.8
Purina Special Steer Fatena 50 (G)	N.P.N., %	35.0
Purina Special Steer Fatena 50 (G)	N.P.N., %	38.5
Purina Special Steer Fatena 50 (G)	N.P.N., %	44.0
Purina Special Steer Fatena 50 (G)	Crude Protein, %	40.5
Purina Special Steer Fatena 50 (G)	Crude Protein, %	42.5
Purina Special Steer Fatena 50 (G)	Crude Protein, %	43.7
Purina Special Steer Fatena 50 (G)	Crude Protein, %	45.5
Purina Special Steer Fatena 50 (G)	Crude Protein, %	45.5
Purina Special Steer Fatena 50 (G)	Crude Protein, %	41.5
Purina Special Steer Fatena 50 (G)	Crude Protein, %	55.2
Purina Special Steer Fatena 50 (G)	Crude Protein, %	39.9
Purina Special Steer Fatena 50 (G)	N.P.N., %	42.0
Purina Special Steer Fatena 40 (G)	Crude Protein, %	34.8
Purina Special Steer Fatena 40 (G)	Crude Protein, %	29.8
Purina Special Steer Fatena 40 (G)	N.P.N., %	36.5
Purina Special Steer Fatena 32 (G)	Crude Protein, %	26.9
Purina Special Steer Fatena 32 (G)	N.P.N., %	19.5
Purina Special Steer Fatena 32 (G)	N.P.N., %	20.1
Purina Special Steer Fatena 32 (G)	N.P.N., %	20.4
Purina SW Range Checkers (G)	Crude Protein, %	17.5
Purina Feedlot Blend 36V	Crude Protein, %	33.3
Purina Checkerboard Dairy 16% Ky.	Crude Protein, %	12.7
Purina Checkerboard Dairy 16% Ky.	Crude Protein, %	21.6
Purina Checkerboard Dairy 16% Ky.	Crude Protein, %	13.4
Purina Dairy Chow 16% (G)	N.P.N., %	7.6
Purina Dairy Concentrate 44% (G)	Crude Protein, %	41.0
Purina Dairy Concentrate 44% (G)	N.P.N., %	44.3
Purina Dairy Concentrate 44% (G)	N.P.N., %	24.3
Purina Dairy Concentrate 44% (G)	Crude Protein, %	35.9
Purina Dairy Concentrate 44% (G)	N.P.N., %	24.1
Purina Dairy Concentrate 44% (G)	Crude Protein, %	40.1
Purina Dairy Concentrate 44% (G)	N.P.N., %	26.7
Purina Dairy Concentrate 44% (G)	N.P.N., %	26.1
Purina Dairy Concentrate 44% (G)	Crude Protein, %	41.8
Purina Dairy Concentrate 44% (G)	Crude Protein, %	38.6
Purina Dairy Concentrate 44% (G)	Crude Protein, %	37.1
Purina Dairy Concentrate 44% (G)	Crude Fiber, %	12.4
Purina Dairy Concentrate 42% (G)	Crude Protein, %	36.0
Purina Dairy Concentrate 42% (G)	N.P.N., %	14.8
Purina Dairy Concentrate 42% (G)	N.P.N., %	17.8
Purina Farblend Cow Chow 44% (G)	Crude Protein, %	41.5
Purina Dairy Concentrate 42% Special G	N.P.N., %	14.8
Purina Farblend Cow Chow 44% (G)	N.P.N., %	18.1
Purina Pig Startena (G) Med.	Crude Protein, %	15.8
Purina Pig Startena (G) Med.	Chlortetracycline, G/T	0.0
Purina Pig Startena (G) Med.	Chlortetracycline, G/T	48.5
Purina Pig Startena (G) Med.	Chlortetracycline, G/T	13.9
Purina Complete Sow Chow (G)	Crude Fiber, %	6.6
Purina Pig Startena MDX Med.	Carbadox, %	0.0055
Purina Pig Chow 40 (G) Med.	Penicillin, G/T	0.0017
		72.2

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Ralston Purina Company (Continued)		
Purina Farblend Hog Chow	Crude Protein, % 36.0	33.1
Purina Farblend Hog Chow	Crude Protein, % 36.0	31.6
Purina Farblend Hog Chow	Crude Protein, % 36.0	33.6
Purina Sow Chow (G)	Calcium, % 4.3	6.4
Purina Hog Chow BN (G) Med.	Crude Protein, % 36.0	32.9
Purina Hog Supplement (G)	Crude Protein, % 35.0	32.7
Purina Hog Supplement 40% (G)	Crude Protein, % 40.0	37.7
Purina Horse Chow Checkers	Crude Protein, % 12.5	19.9
Purina Pura Lasses	Crude Fiber, % 12.0	17.9
Purina Pura Lasses	Crude Fiber, % 12.0	15.2
Purina Pura Lasses	Crude Fiber, % 12.0	16.6
Purina Pura Lasses	Crude Fiber, % 12.0	17.0
Purina Dairy Chow 16% (G)	Crude Protein, % 16.0	13.0
Purina Cow Chow Concentrate 50% (G)	Crude Protein, % 50.0	41.9
Rico Liquids, Aliceville, Ala. 35442		
Total Samples Analyzed	16	
Total Violative Samples	0	
Ringgold Milling Co., Clarksville, Tenn. 37042		
Total Samples Analyzed	2	
Total Violative Samples	0	
Robbins Bros. Auburn Roller Mills, Auburn, Ky. 42206		
Total Samples Analyzed	3	
Total Violative Samples	0	
Robertson Corporation, Seymour, Ind. 47274		
Total Samples Analyzed	2	
Total Violative Samples	0	
Allen Robertson & Co., Louisville, Ky. 40202		
Total Samples Analyzed	10	
Total Violative Samples	2	
Farm-R-Choice 20% Starter & Grower Med.	Furazolidone, % 0.0008	0.0001
	Nitrofurazone, % 0.0055	0.0003
Farm-R-Choice 52% Concentrate	Crude Protein, % 52.0	49.3
Robinson Milling Co., Somerset, Ky. 42501		
Total Samples Analyzed	12	
Total Violative Samples	2	
Sun-Ray 20% Starting & Growing Mash Med.	Crude Protein, % 20.0	17.4
Happy Home Sweet 16% Dairy Feed	N.P.N., % 5.2	8.0
Rogers Feed Store, Corinth, Ky. 41010		
Total Samples Analyzed	1	
Total Violative Samples	0	
G.P. Rose, Nashville, Tenn. 37211		
Total Samples Analyzed	3	
Total Violative Samples	0	
Ruminant Nitrogen Products, Adrian, Mich. 49221		
Total Samples Analyzed	2	
Total Violative Samples	2	
Emulsi-Pro 33	N.P.N., % 18.0	29.4
Emulsi-Pro 33	Crude Protein, % 33.0	41.7

REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Russell Springs Milling Co., Russell Springs, Ky. 42642		
Total Samples Analyzed 2		
Total Violative Samples 0		
Sandusky Mills, Harrodsburg, Ky. 40330		
Total Samples Analyzed 1		
Total Violative Samples 0		
Charles H. Schenck & Sons, Vincennes, Ind. 47591		
Total Samples Analyzed 2		
Total Violative Samples 0		
Scotts Auburn Mills, Auburn, Ky. 42206		
Total Samples Analyzed 5		
Total Violative Samples 0		
Scott Co. Milling Co., Sikeston, Mo. 63801		
Total Samples Analyzed 18		
Total Violative Samples 3		
Gristo Sow & Pig Pellets Gristo Pig & Sow Supplement Pellets Gristo 35% Hog Supplement Pellets	Penicillin, G/T 6.6 Penicillin, G/T 6.6 Penicillin, G/T 16.7	2.9 0.0 4.6
Sebree Feed & Grain Co., Sebree, Ky. 42455		
Total Samples Analyzed 1		
Total Violative Samples 0		
Security Mills ConAgra, Knoxville, Tenn. 37901		
Total Samples Analyzed 3		
Total Violative Samples 2		
Security All Mash Growing Ration Med. 14 Hog Ration	Crude Protein, % 16.0 Crude Protein, % 2.0	22.1 4.3
Smithfield Milling Co., Smithfield, Ky. 40068		
Total Samples Analyzed 1		
Total Violative Samples 0		
So. Cotton Oil Co., Memphis, Tenn. 38101		
Total Samples Analyzed 14		
Total Violative Samples 0		
So. States Coop., Hopkinsville, Ky. 42204		
Total Samples Analyzed 3		
Total Violative Samples 0		
So. States Coop., Lebanon, Ky. 40033		
Total Samples Analyzed 1		
Total Violative Samples 0		
So. States Coop., Somerset, Ky. 42501		
Total Samples Analyzed 1		
Total Violative Samples 0		
So. States Coop., Richmond, Va. 23213		
Total Samples Analyzed 189		
Total Violative Samples 24		

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
So. States Coop., Richmond, Va. (Continued)		
20% Cattle Feed	Crude Protein, % 20.0	17.5
Pro Blend 50 1610	Crude Protein, % 50.0	45.6
Pro Blend 50 1610	Crude Protein, % 50.0	55.9
Pro Blend 50 1650	Crude Protein, % 65.0	58.5
Pro Blend 32 1630	Crude Protein, % 12.5	15.7
44% Farm Mill Supplement	Crude Protein, % 44.0	36.0
Pro Mo Liquid Supplement	N.P.N., % 30.5	37.7
Pro Mo Liquid Supplement	N.P.N., % 30.5	35.4
Pro Mo Liquid Supplement	Crude Protein, % 32.0	38.4
Pro Mo Liquid Supplement	N.P.N., % 30.5	37.0
Pro Mo Liquid Supplement	Crude Protein, % 32.0	38.4
Pro Mo Liquid Supplement	N.P.N., % 30.5	37.3
Pro Mo Liquid Supplement	Crude Protein, % 32.0	28.5
32% Milk Maker	Crude Protein, % 32.0	37.8
20% Dari-Flo Pelleted	Crude Protein, % 20.0	16.9
38% Sow & Pig Supplement Méd. CV	Crude Protein, % 38.0	35.2
	Chlortetracycline, G/T 67.0	27.0
38% Sow & Pig Supplement Med. CV	Chlortetracycline, G/T 67.0	32.6
38% Sow & Pig Supplement Med. CV	Chlortetracycline, G/T 67.0	29.8
38% Sow & Pig Supplement Med. CV	Chlortetracycline, G/T 67.0	26.7
38% Sow & Pig Supplement Med. CV	Chlortetracycline, G/T 67.0	28.3
35% Hog Supplement Med.	Chlortetracycline, G/T 75.0	35.2
40% Pork Maker 602	Crude Protein, % 40.0	37.9
High Mag Block	Salt, % 33.0	27.0
Silage Plus	Crude Protein, % 112.0	109.2
Spencer Farm Service, Taylorsville, Ky. 40071		
Total Samples Analyzed	1	
Total Violative Samples	1	
Special 16% Dairy Feed	Crude Protein, % 16.0	11.6
A.E. Staley Manufacturing Co., Decatur, Ill. 62525		
Total Samples Analyzed	9	
Total Violative Samples	0	
Sturgis Milling Co., Sturgis, Ky. 42459		
Total Samples Analyzed	10	
Total Violative Samples	3	
Hoppys 18% Pig Starter Pellets A Med	Penicillin, G/T 50.0	0.0
Hoppys 35% Pig Supplement Med.	Penicillin, G/T 12.5	0.0
Hoppys 35% Pig Supplement Med.	Penicillin, G/T 12.5	0.0
Sucrest Corp., New York, N.Y. 10005		
Total Samples Analyzed	3	
Total Violative Samples	1	
Xtravim Liquid Feed Supplement 1232	Crude Protein, % 32.0	28.3
Super-Mol, Hughes Feed Grain, Tampa, Fla. 33619		
Total Samples Analyzed	16	
Total Violative Samples	1	
Flor-A-Lass	Invert Sugar, % 45.0	39.0
Supreme Mills, Glasgow, Ky. 42141		
Total Samples Analyzed	46	
Total Violative Samples	9	
Supreme Brand H.E. 20% Starter & Grower	Crude Protein, % 20.0	16.5
Supreme Brand 45% Dairy Concentrate	Crude Protein, % 45.0	41.0
Supreme Brand 45% Dairy Concentrate	Crude Protein, % 45.0	42.8
Supreme Brand 50% Dairy Supplement	Crude Protein, % 50.0	46.5
Supreme Brand 50% Dairy Supplement	Crude Protein, % 50.0	46.4

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 REPORT OF OFFICIAL FEED SAMPLES ANALYZED-1973

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
Supreme Mills, Glasgow, Ky. (Continued)			
Drummer Boy 40% Protein Hog Supplement	Crude Protein, %	40.0	36.9
Premo Brand 20% Calf Developer	Crude Protein, %	20.0	17.5
Premo Brand 20% Calf Developer	Crude Protein, %	20.0	17.8
Premo Brand 20% Calf Developer	Crude Protein, %	20.0	16.8
D.B. Sutherland & Sons, Bloomfield, Ky. 40008			
Total Samples Analyzed		9	
Total Violative Samples		0	
T & H Feed Service, Lebanon, Ky. 40033			
Total Samples Analyzed		2	
Total Violative Samples		1	
Marco 16% Dairy Feed	Crude Protein, %	16.0	13.3
	Salt, %	4.0	0.8
Taylor Co. Feed Co., Campbellsville, Ky. 42718			
Total Samples Analyzed		3	
Total Violative Samples		0	
Teater & Cassity, Nicholasville, Ky. 40356			
Total Samples Analyzed		4	
Total Violative Samples		1	
Profit Maker 16% Dairy Feed	Crude Protein, %	16.0	13.3
Tenn. Valley Cotton Oil Mill, Decatur, Ala. 35601			
Total Samples Analyzed		6	
Total Violative Samples		0	
Thomas, Thomas, & Harold Thomas, Morganfield, Ky. 42437			
Total Samples Analyzed		2	
Total Violative Samples		1	
Cattle Supplement 51	Crude Protein, %	51.0	48.2
Thurmonds Coal & Feed Co., Murray, Ky. 42071			
Total Samples Analyzed		1	
Total Violative Samples		0	
Triple F Feeds, Des Moines, Iowa 50322			
Total Samples Analyzed		10	
Total Violative Samples		1	
Golden Pro 60 #9460	N.P.N., %	55.0	63.5
Triple T Grain & Fert., Vincennes, Ind. 47591			
Total Samples Analyzed		1	
Total Violative Samples		0	
Vylactos Lab., Des Moines, Iowa 50313			
Total Samples Analyzed		6	
Total Violative Samples		1	
Dri-Lass	Invert Sugar, %	42.0	35.2
Webster Co. Grain Co., Clay, Ky. 42404			
Total Samples Analyzed		2	
Total Violative Samples		0	

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Weisenbergers Mills, Midway, Ky. 40347		
Total Samples Analyzed	2	
Total Violative Samples	0	
Wells Div. National Packing Co., Monmouth, Ill. 61462		
Total Samples Analyzed	3	
Total Violative Samples	1	
Sportmix Chunk Style Quality Dog Food	Crude Fat, %	8.0
		5.6
West Tenn. Soya Mill, Tiptonville, Tenn. 38257		
Total Samples Analyzed	6	
Total Violative Samples	0	
Western Alfalfa Corp., Shawnee Mission, Kan. 66201		
Total Samples Analyzed	1	
Total Violative Samples	0	
R.L. Wiles Feed Mills, Nashville, Tenn. 37210		
Total Samples Analyzed	4	
Total Violative Samples	0	
Winn Milling Co., Greensburg, Ky. 42743		
Total Samples Analyzed	4	
Total Violative Samples	0	

*Samples are "in violation" when either deficient or excessive of a component guaranty as follows:

Protein:	More than 2 units* below guaranty. Exceeds guaranty by 5 or more units.
N.P.N.:	Exceeds guaranty by more than 2 units.
Fat:	More than 2 units below guaranty. Exceeds guaranty by 5 or more units.
Fiber:	Exceeds guaranty by more than 2 units.
Invert Sugar:	10 lower than guaranty.
Salt:	Varies from guaranty by plus or minus 2 units.
Calcium:	Varies from guaranty by plus or minus 2 units.
Magnesium, Manganese, Copper, Iron, Zinc:	±40%
Oxytetracycline, Penicillin, Chlortetracycline:	±50%
Phenothiazine, Sulfamethazine, Furazolidone, Arsanilic Acid, Roxarsone, Piperazine, Nitrofurazone, Zoalene:	±40%
Tylosin:	±30%

*One percent point is considered a unit. Example: a "found" value of 15% is 1 unit below a guarantee of 16%.