

Regulatory Bulletin 151

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# Quarterly Report on Official Feed Samples Analyzed

by the

FEED AND FERTILIZER DEPARTMENT  
KENTUCKY AGRICULTURAL EXPERIMENT  
STATION

April, May, and June, 1958



Kentucky Agricultural Experiment Station  
University of Kentucky  
Lexington

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This report compiled and prepared by Robert Mathews and Bruce Poundstone  
Analytical data by the laboratory staff

## ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
ALBANY MILLS, ALBANY, KENTUCKY Clinton 18% Dairy Feed	6.00	5.70
ALLIED MILLS, INC., CHICAGO, ILLINOIS Wayne 42% Dairy Mixing Supplement - W	17.50	16.60
Wayne 42% Dairy Mixing Supplement	17.50	17.70
Wayne Beef Balancer with 0.0011% Diethylstilbestrol Mixture	8.75	10.00
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY Red A 44% Dairy Supplement	15.00	14.60
Red A 32% Dairy Supplement	10.48	4.40
Red A 24% Dairy Feed	7.86	5.60
Red A 24% Dairy Feed	7.86	6.20
Red A 24% Dairy Feed	7.86	4.80
Aubrey's Special 16½% Dairy Feed	4.12	3.10
Aubrey's Special 16½% Dairy Feed	4.12	2.90
Aubrey's Special 16½% Dairy Feed	4.12	3.00
Aubrey's Special 16½% Dairy Feed	4.12	2.80
Aubrey's Special 16½% Dairy Feed	4.12	2.70
Red A 33% Beef Cattle Concentrate	10.50	8.10
AYLOR & MEYER COMPANY, AURORA, INDIANA Rainbow Dairy Feed	3.60	1.30
BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY Harrison's 24% Dairy Feed	7.86	6.20
Bulky 16½% Dairy Feed	5.37	4.50
Harrison's Nat-Ur-Way 16% Dairy Feed	5.24	7.20
BANNER FEED MILLS, HUNTINGTON, WEST VIRGINIA Banner 24% Dairy Feed	8.00	9.60
BARRY-CARTER MILLING COMPANY, LEBANON, TENNESSEE Liberty 16% Dairy Feed	5.24	3.80
Fortune 16% Dairy Molasses Feed	5.24	4.70
CITIZENS MILLING COMPANY, SOMERSET, KENTUCKY Cumberland 24% Dairy Feed	8.30	9.10
CLIFTY FALLS MILLS, INC., MADISON, INDIANA Clifty Falls 24% Pusher Feed	7.86	8.30
Clifty Falls 24% Pusher Feed	7.86	8.00
Clifty Falls 24% Pusher Feed	7.86	8.60
Clifty Falls 20% Pusher Feed	6.55	7.10
Clifty Falls 16% Cow Feed	5.24	4.70
Clifty Falls 16% Cow Feed	5.24	5.00
Clifty Falls 16% Pusher Feed	5.24	6.90
CHECK-R-BOARD STORE, HUNTINGTON, WEST VIRGINIA Check-R-Mix 16% Dairy Feed P.S.	5.20	4.50
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY Our Pride 20% Dairy Feed	7.86	6.50
Our Pride 16% Dairy Feed	5.82	4.80
COOPERATIVE MILLS, INC., CINCINNATI, OHIO Pro-Blend 50	18.50	15.50
Pro-Blend 50	18.50	15.40
32% Dairy Supplement	11.00	12.00
16% Pasture Dairy	2.00	2.30
16% Pasture Dairy	2.00	2.50
16% Pasture Dairy	2.00	3.00
16% Utility Dairy	3.00	4.00
16% Utility Dairy	3.00	4.80
16% Utility Dairy	3.00	3.70

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

## ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Con't)		
16% Utility Dairy	3.00	1.00
16% Utility Dairy	3.00	3.80
16% Utility Dairy	3.00	2.90
16% Utility Dairy	3.00	3.90
Beef Supplement	7.50	7.90
0.0011% Diethylstilbestrol Mixture in 30% Beef Maker	8.00	9.00
DEARBORN MILLS, AURORA, INDIANA		
Dearborn 45% Cattle & Dairy Supplement	15.00	12.60
Dearborn Special 32% Dairy & Cattle Supplement	10.00	11.00
Dearborn Sweet 16% Dairy	6.00	7.00
DIXIE MILLS COMPANY, E. ST. LOUIS, ILLINOIS		
Dixie 18% Dairy Feed	3.50	4.50
DUNCAN FARM SERVICE, LAWRENCEBURG, KENTUCKY		
12% Dairy Feed (To be fed only with high protein legume hay or legume hay silage)	1.75	0.50
12% Dairy Feed (To be fed only with high protein legume hay or legume hay silage)	1.75	1.40
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO		
E & D 44% Milkmaid Concentrate	26.20	24.60
Tuxedo 44% Dairy Supplement	22.00	22.90
Tuxedo 33% Dairy Supplement	11.00	10.30
Tuxedo 24% Dairy	8.00	5.70
Tuxedo Special 24% Dairy	6.00	5.60
Tuxedo Special 20% Dairy	4.98	5.20
Tuxedo 16% Dairy	3.93	3.40
Tuxedo Special 16% Dairy	3.93	3.80
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE		
Famous 44% Dairy Supplement	20.96	21.50
FARMERS FEED STORE, CENTRAL CITY, KENTUCKY		
Green River 16% Dairy Feed	5.24	0.60
FARMERS SUPPLY COMPANY, SPRINGFIELD, KENTUCKY		
Check-R-Mix Dairy Feed	2.52	3.70
FERNCLEFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY		
Ferncliff 24% Dairy	7.86	7.00
Ferncliff 24% Dairy	7.86	8.80
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY		
Producer 44% Dairy Concentrate	18.34	18.10
Producer 33% Dairy Concentrate	7.86	10.70
Producer 24% Dairy Concentrate	7.86	6.40
Producer 24% Dairy Concentrate	7.86	5.50
Producer 24% Dairy Concentrate	7.86	4.70
Producer 24% Dairy Concentrate	7.86	4.20
Producer Special 24% Dairy Feed	7.86	3.60
Producer Special 24% Dairy Feed	5.24	3.40
Producer 16% Dairy Feed	5.24	3.20
Producer 16% Dairy Feed	5.24	3.20
Producer Special 16% Dairy Feed	5.24	2.50
Producer Special 16% Dairy Feed	5.24	3.70
0.0011% Diethylstilbestrol Mixture in Producer 32% Beef Concentrate	7.86	6.90
GARDEN STREET MILL & ELEVATOR, LOUISVILLE, KENTUCKY		
Garden 16% Dairy Feed	5.24	2.80
Garden 16% Dairy Feed	5.24	2.40

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

## ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA Larro Suremilk 50	18.00	14.40
GREEN COUNTY MILLING COMPANY, GREENSBURG, KENTUCKY Greenco Sweet 16% Dairy Feed	3.00	2.10
Greenco Sweet 16% Dairy Feed	3.00	1.80
Greenco 16% Dairy Feed	2.50	2.00
GWINN BROTHERS & COMPANY, HUNTINGTON, WEST VIRGINIA Sweet Acre 24% Dairy Feed	8.00	6.50
Sweet Acre 24% Dairy Feed	8.00	8.00
P. H. HARSHA MILLING COMPANY, PORTSMOUTH, OHIO Harsha's Dixie Sweet 16% Dairy Feed	5.24	5.50
Harsha's Dixie Sweet 16% Dairy Feed	5.24	5.50
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY Magic 16% Sweet Dairy Feed	5.24	5.70
Magic 16% Sweet Dairy Feed	5.24	3.20
G. M. HAYCRAFT & SON, LEITCHFIELD, KENTUCKY Haycraft's 20% Dairy Feed	3.20	2.20
DR. HEINZ COMPANY, WASHINGTON C. H., OHIO Heinz Nu-Way 22% Sweet Mixing Feed	6.50	5.40
BURCH HESTER FEED STORE, HUSTONVILLE, KENTUCKY Big Chief 20% Dairy Feed	6.18	2.40
HOME MILLING COMPANY, GREENVILLE, KENTUCKY Happy Home 24% Dairy Feed	7.90	7.20
Happy Home 16% Sweet Dairy Feed	5.24	6.30
Happy Home 16% Sweet Dairy Feed	5.24	0.60
KNIFLEY FEED & SUPPLY COMPANY, ELKHORN, KENTUCKY Elk 16% Dairy with Urea	5.24	4.80
Elk 16% Dairy Yellow Tag	5.30	5.10
Elk 16% Dairy Yellow Tag	5.30	5.30
LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY Milk Maid 24% Sweet Dairy Feed	5.80	5.00
Economy 16% Dairy Feed	5.24	4.70
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY Thoroughbred 24% Dairy Feed	5.24	4.80
Sweet Sue 24% Sweet Dairy Feed	6.55	7.00
Capitol 24% Sweet Dairy Feed	7.87	8.10
Thoroughbred 20% Sweet Dairy Feed	2.62	3.00
Sweet Sue 16% Sweet Dairy Feed	3.50	4.30
Sweet Sue 16% Sweet Dairy Feed	3.50	4.30
Sweet Sue 16% Sweet Dairy Feed	3.50	4.10
LIPSCOMB FARM SUPPLY, WALTON, KENTUCKY Lipscomb's 16% Dairy	1.80	1.70
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY Double M Economy 16% Dairy Feed	4.94	4.50
McMILLEN FEED MILLS, INC., FORT WAYNE, INDIANA Master Mix 44% Dairy Supplement	20.96	19.30
Master Mix 44% Dairy Supplement	20.96	19.80
MIDGET MILL, SOMERSET, KENTUCKY White Rose 24% Dairy Feed	8.30	8.30

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## ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
MYERS & CLARK COMPANY, INC., ASHLAND, KENTUCKY		
Ideal 24% Dairy Feed	5.90	6.50
Myers Special 24% Dairy Feed	7.86	7.40
NATIONAL OATS COMPANY, E. ST. LOUIS, ILLINOIS		
Corno 18% Dairy Feed	5.00	4.20
NUTRENA MILLS, INC., MINNEAPOLIS, MINNESOTA		
Sweet 6-Teen Dairy Feed (K)	5.24	3.60
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY		
Sugar Lassie 16% Dairy Feed	5.24	5.00
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY		
Bell Ranger 16% Dairy Feed	3.79	3.00
PATTERSON & GUTHRIE, HARRODSBURG, KENTUCKY		
12% Dairy Feed (To be used with high protein legume pasture, hay or ensilage)	0.50	0.50
PILLSBURY MILLS, INC., CLINTON, IOWA		
Pillsbury's Best Dairy Mixer - 44	20.00	21.00
Pillsbury's Best 32% Dairy Concentrate	10.50	9.50
Pillsbury's Best 24% Dairy Feed	8.00	6.80
Pillsbury's Best 20% Dairy Feed	6.55	4.90
Pillsbury's Best 16% Dairy Feed	5.24	3.40
Pillsbury's Best 16% Dairy Feed	5.24	3.10
Pillsbury's Best Cattle Concentrate	10.50	10.60
Pillsbury's Best 20% Cattle Cubes	5.24	4.40
QUAKERS OATS COMPANY, CHICAGO, ILLINOIS		
Ful-O-Pep Sweet 16% Dairy Feed	5.24	6.00
Ful-O-Pep 0.0011% Diethylstilbestrol Mixture in Ful-O-Pep Cattle Concentrate	13.10	13.50
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI		
Purina Dairy Premix 50% D	26.00	25.80
Purina Cow Chow Concentrate 32%	8.75	9.30
Purina Cow Chow Concentrate 32%	8.75	8.40
Check-R-Mix 24% Dairy Feed A	4.40	5.30
Purina Dairy Chow 16%	4.00	4.00
Purina Dairy Chow 16%	4.00	4.40
Purina Special Steer Fatena 32%	8.75	8.80
RENFRO SUPPLY COMPANY, WILLIAMSBURG, KENTUCKY		
Renfro 24% Dairy Feed	7.86	3.60
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY		
Happy Home 16% Sweet Dairy Feed	5.24	6.10
RUSSELLS COMPANY, HILLIARDS, OHIO		
Russell's 262 Brand 24% Dairy Feed	7.86	6.50
Russell's 262 Brand 24% Dairy Feed	7.86	6.40
Russell's 262 Brand 16% Dairy Feed	5.24	5.20
SHIVELY FEED & SEED, COLUMBIA, KENTUCKY		
Shively's Blue Ribbon 16% Dairy	3.50	2.40
A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS		
Staley's-Arcady 30% Hi Pro Steer	10.50	9.80
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY		
Green Valley 16% Dairy Feed	3.67	3.90

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## ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY		
Green Valley 24% Dairy Feed	7.86	9.00
Sugar Creek 16% Dairy Feed	5.24	5.40
Green Valley 16% Dairy Feed	5.24	5.10
Green Valley 16% Dairy Feed	5.24	5.60
Kow Kandy 16% Dairy Feed	4.72	4.70
Sun-Ray 14% Steer Feed	6.40	6.10
SUPREME MILLS, GLASGOW, KENTUCKY		
Supreme 45% Dairy Concentrate	20.95	21.00
Supreme 45% Dairy Concentrate	20.95	19.30
Supreme 45% Dairy Concentrate	20.95	20.00
Premo 24% Dairy Feed	6.55	7.30
Premo 24% Dairy Feed	6.55	6.30
Premo 24% Dairy Feed	6.55	7.30
Premo 24% Dairy Feed	6.55	7.10
Supreme Special 20% Dairy Feed	6.56	5.40
Supreme Special 20% Dairy Feed	6.56	5.40
Feeders Pride 16% Dairy Feed	5.24	6.30
Feeders Pride 16% Dairy Feed	5.24	7.70
Feeders Pride 16% Dairy Feed	5.24	4.20
D. B. SUTHERLAND & SONS, BLOOMFIELD, KENTUCKY		
Kentucky Star Special 24% Dairy Feed	6.30	5.80
Kentucky Star Special 16% Dairy Feed	5.60	5.50
T & T FEED SERVICE, LEBANON, KENTUCKY		
Marco 16% Dairy Feed	1.70	2.10
TABOR HATCHERY & BUILDING SUPPLY COMPANY, COLUMBIA, KENTUCKY		
Tabor 16% Dairy Feed	3.49	0.50
TRI-STATE MILLS, KENOVA, WEST VIRGINIA		
24% Daisy Dairy Feed	8.00	6.70
MARTHA WHITE MILLS, HUNTINGTON, WEST VIRGINIA		
Fortune 24% Dairy Feed	7.86	6.10
Fortune 24% Dairy Feed	7.86	6.30
Fortune 20% Dairy Feed	6.55	5.30
WILLIAMSTOWN ROLLER MILLS, WILLIAMSTOWN, KENTUCKY		
Standard Mix 16% Dairy	5.24	0.50
Beef Cattle Feed	2.62	1.60
WINGO FEED & SUPPLY COMPANY, WINGO, KENTUCKY		
Wingo Special 16% Dairy Feed	3.50	2.40
WINN MILLING COMPANY, GREENSBURG, KENTUCKY		
Daisy 20% Dairy Feed	6.55	5.10
Daisy 16% Dairy Feed	3.90	4.40
Daisy 16% Dairy Feed	3.90	4.50

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## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
ALLIED MILLS, INC., CHICAGO, ILLINOIS Wayne Pig Balancer (704) Wayne Tail Curler	Arsanilic Acid	0.035	0.0325
	Arsanilic Acid	0.01	0.01
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY Red A Broiler Finisher Crumbles	Nicarbazin	0.0125	0.0014
	3-Nitro-4-	0.005	0.006
	Arsanilic Acid	0.05	0.048
	Arsanilic Acid	0.01	0.008
	Arsanilic Acid	0.01	0.009
	Arsanilic Acid	0.01	0.011
	Arsanilic Acid	0.01	0.0074
BEARDSTOWN MILLS COMPANY, BEARDSTOWN, ILLINOIS Critic Chick Starter & Grower	Nicarbazin	0.0125	0.0114
CLINTON MILLING COMPANY, CLINTON, KENTUCKY Climco 21% Chick Starter	3-Nitro-4	0.005	0.0033
COOPERATIVE MILLS, INC., CINCINNATI, OHIO Starting & Growing Mash	Nitrofurazone	0.0055	0.0055
	Furazolidone	0.0008	0.0008
	Nitrofurazone	0.0055	0.0065
	Furazolidone	0.0008	0.0009
	Nitrofurazone	0.0055	0.0065
	Furazolidone	0.0008	0.0009
	Nitrofurazone	0.0055	0.0070
	Furazolidone	0.0008	0.0010
	Nitrofurazone	0.0055	0.0007
	Furazolidone	0.0008	0.0002
	Nitrofurazone	0.0055	0.0056
	Furazolidone	0.0008	0.0008
	Nicarbazin	0.0125	0.009
	3-Nitro-4	0.005	0.0046
	3-Nitro-4	0.005	0.005
DEARBORN MILLS, AURORA, INDIANA Dearborn 18½% All Mash Starter & Grower Dearborn 18½% All Mash Starter & Grower Dearborn 18½% All Mash Starter & Grower	Nitrophenide	0.025	0.121
	Nitrophenide	0.025	0.0095
	Nitrophenide	0.025	0.014
W. C. DICKEN, MENTOR, KENTUCKY Sunny Grain 20% Chick Starter Mash	Nitrofurazone	0.0055	0.0103
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO Tuxedo Starter, Grower & Developer Tuxedo Starter, Grower & Developer Tuxedo Chick Starter	Nitrofurazone	0.0055	0.0069
	Nitrofurazone	0.0055	0.0057
	Nitrofurazone	0.0083	0.0084
	3-Nitro-4	0.005	0.0052
	Nitrofurazone	0.0083	0.0089
	3-Nitro-4	0.005	0.0047
	3-Nitro-4	0.004	0.005
	3-Nitro-4	0.004	0.008
	Arsanilic Acid	0.01	0.01
	Arsanilic Acid	0.01	0.012
JOHN W. ESHELMAN & SONS, LANCASTER, PENNSYLVANIA Red Rose Broiler Finisher	3-Nitro-4	0.005	0.0048
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY Feeders Friend 20% HE Broiler Finisher	Arsanilic Acid	0.01	0.0042
	Nicarbazin	0.01	0.0
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY Cracker Jack 20% Broiler Ration	Nitrofurazone	0.0055	0.0031

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## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
GWINN BROTHERS & COMPANY, HUNTINGTON, WEST VIRGINIA Merit Starter & Grower	Nitrofurazone	0.0055	0.0076
	Furazolidone	0.0008	0.0011
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS Red Comb Summer Broiler Starter GGG	3-Nitro-4	0.005	0.005
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY	Magic Broiler Starter	3-Nitro-4	0.0075
	Magic Broiler Finisher	Nicarbazin	0.0125
		3-Nitro-4	0.005
	Magic Broiler Finisher	Nicarbazin	0.0125
	Magic Broiler Finisher	Nicarbazin	0.0125
	Magic Pullet Grower	3-Nitro-4	0.0125
DR. HEINZ COMPANY, INC., WASHINGTON C. H., OHIO Heinz Nu-Way Starter & Grower Ration	Nicarbazin	0.0125	0.0101
McMILLEN FEED MILLS, FORT WAYNE, INDIANA	Master Mix Hi-Calorie Broiler Starter A (55A)	3-Nitro-4	0.005
	Master Mix Pig-ets (52A)	Arsanilic Acid	0.01
	Master Mix Pig-ets (52A)	Arsanilic Acid	0.01
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS Moorman's Mintrate for Starting & Growing Pigs	Arsanilic Acid	0.05	0.046
NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS	Corno Chick Starter	Nitrofurazone	0.0055
	Corno Broiler Starter Ration	Nitrofurazone	0.0055
NUTRENA MILLS, INC., MINNEAPOLIS, MINNESOTA	Nutrena Chick Starter	Nitrofurazone	0.0055
	Nutrena Creep 20 Master Pig Starter	Arsanilic Acid	0.01
OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY Cardinal Creep-Ettes	Arsanilic Acid	0.005	0.0058
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY TruTest 20% Starting Mash	3-Nitro-4	0.005	0.008
PILLSBURY MILLS, CLINTON, IOWA	Pillsbury's Best Chick Pre-Starter	Furazolidone	0.011
	Pillsbury's Best Starter & Grower (FL)	Furazolidone	0.0011
	Pillsbury's Best Starter & Grower	Furazolidone	0.0011
	Pillsbury's Best Starter & Grower	Furazolidone	0.0011
	Pillsbury's Best Starter & Grower	Furazolidone	0.0011
	Pillsbury's Best Starter & Grower	Nitrofurazone	0.0055
	Pillsbury's Best Starter & Grower	Furazolidone	0.0011
	Pillsbury's Best 4X Broiler Finisher	Arsanilic Acid	0.01
	Pillsbury's Best Pullet Developer	Nitrofurazone	0.005
	Pillsbury's Best Shoat Developer (HA8)	Arsanilic Acid	0.01
	QUAKER OATS COMPANY, CHICAGO, ILLINOIS	Ful-O-Pep Super Broiler Concentrate (A5Q4)L	3-Nitro-4
		Glycarbylanide	0.0066
Ful-O-Pep 20% Broiler Mash (AQ) L		3-Nitro-4	0.005
Ful-O-Pep Gro-Pork 45% Supplement (KL) L		Arsanilic Acid	0.05
Ful-O-Pep Pig Grower		Arsanilic Acid	0.01
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI	Purina Broiler Chow Finisher (B) 3NC2	Nicarbazin	0.0125
		3-Nitro-4	0.0025
	Purina Super Chick Startena 3 NC	Nicarbazin	0.01
	3-Nitro-4	0.0025	

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## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Con't)			
Purina Super Chick Startena	3-Nitro-4	0.0025	0.0032
Purina Super Chick Startena	3-Nitro-4	0.0025	0.0032
Purina Super Chick Startena	3-Nitro-4	0.0025	0.0028
Purina Super Chick Startena	3-Nitro-4	0.0105	0.0
Purina Broiler Chow Starter (B) 3NC	Nicarbazin	0.005	0.0054
	3-Nitro-4	0.005	0.0057
Purina Broiler Chow Finisher B	3-Nitro-4	0.005	0.0055
Purina Broiler Chow Finisher B	3-Nitro-4	0.005	0.005
Purina Broiler Chow Finisher B	3-Nitro-4	0.0025	0.0027
Purina Pig Growena T	3-Nitro-4	0.0025	0.002
Purina Hog Fatena	3-Nitro-4	0.0025	
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY			
Sun-Ray 20% Starting & Growing Mash	Nitrophenide	0.0125	0.0127
Sun-Ray 20% Starting & Growing Mash	Nitrophenide	0.0125	0.0134
SALYERSVILLE WHOLESALE COMPANY, SALYERSVILLE, KENTUCKY			
Quick Chick Starter & Grower	Nitrofurazone	0.0055	0.0069
	Furazolidone	0.0008	0.0009
SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI			
Gristo Chick Starter Crumbles	Nitrofurazone	0.0055	0.0069
	Furazolidone	0.0008	0.0009
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI			
Professional Grower Atoms	Nitrophenide	0.025	0.026
SWIFT & COMPANY, CHICAGO, ILLINOIS			
Swift's Chick Starter	Nicarbazin	0.01	0.0255

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

## ANALYSIS OF MOLASSES

MANUFACTURER, BRAND AND REMARKS	TOTAL SUGAR AS INVERT SUGAR	
	Guaranteed	Found
HARRY L. LAWS & COMPANY, NEW ORLEANS, LOUISIANA Molasses	48	52.4
MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY Molasses	48	52.7
NATIONAL MOLASSES COMPANY, CINCINNATI, OHIO Molasses	48	48.5
NATIONAL MOLASSES COMPANY, ORELAND, PENNSYLVANIA Molasses	48	49.2
Molasses	48	53.6
U. S. SUGAR CORPORATION, CLEWISTON, FLORIDA Molasses	48	49.2

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

## Protein and Mineral Feeds and Mineral Feeds

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
ALLIED MILLS, INC., CHICAGO, ILLINOIS														
** Wayne Universal Mixer	36.0	39.0	4.0	4.8	6.5	6.5	3.5	4.4	1.2	1.6	.0001	---	1.4	2.0**
Wayne Chick Mixer (105) Medicated	36.0	37.3	4.0	4.7	6.5	5.3	2.5	3.3	1.0	1.4	.001	---	1.2	.6
Wayne Poultry Mixer	36.0	35.7	4.0	4.1	6.5	5.2	3.7	3.7	1.0	1.2	.001	---	1.3	1.5
Wayne 42% Dairy Mixing Supplement W	42.0	41.9	1.0	1.4	8.0	6.2	2.0	2.4	.7	1.1	.0008	---	3.7	3.1
Wayne 42% Dairy Mixing Supplement	42.0	43.0	1.0	2.7	8.0	5.7	2.0	3.5	.7	1.0	.0008	---	3.7	3.6
** Wayne Beef Balancer with 0.0011% Diethylstilbestrol Mixture	32.0	35.5	1.5	1.7	8.0	6.2	1.7	2.2	.5	.7	.0004	---	3.0	3.4**
0.25% excess non-protein nitrogen from urea														
Wayne Pig Balancer (704) Medicated	40.0	39.7	1.5	2.3	8.0	5.0	3.0	3.5	1.0	1.2	.0003	---	3.0	2.7
Wayne Brood Sow Supplement	36.0	36.7	1.5	2.7	9.0	8.0	3.5	4.1	1.0	1.5	.0008	---	2.5	2.7
Wayne Hog Balancer	35.0	35.9	1.5	2.1	8.0	6.1	3.0	1.0	1.0	---	.0003	---	3.0	2.3
Wayne Hog Balancer	35.0	34.8	1.5	1.9	8.0	6.6	3.0	3.8	1.0	1.2	.0003	---	3.0	2.0
** Wayne Hog Balancer	35.0	33.3	1.5	1.5	8.0	5.8	3.0	4.9	1.0	.7	.0003	---	3.0	3.9**
AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY														
Red A All Mash Breeder Mash	16.0	17.1	3.0	4.1	5.5	4.1	2.1	2.4	.8	.9	.0005	---	.7	.7
Red A 16% Cage Layer Ration	16.0	18.8	3.0	3.8	5.5	5.1	2.1	2.6	.8	1.0	.0005	---	1.0	1.0
Red A 16% Cage Layer Ration Crumbles	16.0	16.7	3.0	4.7	5.5	4.9	2.1	2.5	.8	1.0	.0005	---	1.0	.5
** Red A 44% Dairy Supplement	44.0	46.2	1.5	2.0	8.0	5.9	2.5	2.9	1.0	.9	.00075	---	2.5	3.2**
Red A 32% Protein Dairy Supplement	32.0	34.1	3.0	3.1	8.5	6.7	1.1	1.4	.5	.7	.0005	---	3.0	1.1
** Red A 33% Beef Cattle Concentrate	33.0	34.4	1.5	2.7	6.0	6.7	3.0	3.4	1.3	1.1	.00083	---	3.0	2.7**
** Aubrey's 0.0011% Diethylstilbestrol Mix incorporated in Red A Beef Cattle Concentrate	33.0	36.5	1.5	2.9	6.0	6.6	3.0	4.0	1.3	1.2	.00083	---	3.0	3.3**
Red A 40% Hog Supplement	40.0	43.4	1.5	1.5	7.0	5.6	3.0	3.5	.8	1.1	.00212	---	3.0	2.7
Red A 40% Hog Supplement	40.0	40.6	1.5	2.1	7.0	5.8	3.0	3.2	.8	1.0	.00212	---	3.0	2.7
Red A 40% Hog Supplement Medicated	40.0	40.7	1.5	1.7	7.0	5.3	3.0	3.8	.8	1.2	.00212	---	3.0	1.6
Red A 40% Hog Supplement	40.0	41.0	1.5	2.4	7.0	5.8	3.0	3.2	.8	1.0	.00212	---	3.0	1.5
Red A 35% Sow & Pig Concentrate	35.0	37.5	1.5	2.1	9.0	8.8	3.0	3.3	.3	1.0	.0015	---	2.5	1.5
BROWDER MILLING COMPANY, FULTON, KENTUCKY														
** Browder's 40% Hog Supplement	40.0	37.8	3.0	3.9	8.5	6.7	2.4	3.1	1.2	1.5	.0004	---	3.5	3.1**
Very much below guaranty in protein														
CLIFFY FALLS MILLS, INC., MADISON, INDIANA														
** Clifty Falls 40% Protein Hog Supplement	40.0	39.8	2.5	2.1	7.0	8.3	4.0	2.2	2.0	.6	.001	---	2.0	3.3**



## Protein and Mineral Feeds and Mineral Feeds

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO (Con't)														
Tuxedo 35% Pig Supplement Medicated	35.0	35.6	2.5	3.8	7.0	6.2	2.0	2.8	1.1	.9	.00038	----	1.7	1.4
ESHELMAN GRAIN, INC., COLUMBUS, OHIO														
Life Guard Hog Supplement	40.0	42.2	2.5	2.0	8.0	5.6	3.5	4.1	1.0	1.3	.0007	----	1.6	1.9
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE														
Famous 44% Dairy Supplement	44.0	50.0	.5	1.7	11.0	11.1	2.0	3.5	1.0	.7	.0004	----	3.5	2.9
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY														
Producer 44% Dairy Concentrate	44.0	44.0	2.5	4.0	9.0	6.1	2.0	1.9	.6	1.0	-----	----	2.5	2.0
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA														
Larro Surepork Super 40% Feed for Growing Hogs	40.0	41.2	1.0	3.4	5.0	4.0	4.5	4.4	1.5	1.5	.0003	----	3.5	2.9
Larro Suremilk 32% Concentrate for Mixing with Grains	32.0	32.5	1.5	1.6	11.0	6.8	1.0	2.4	1.0	1.4	.0005	----	4.0	4.4
Larro Surechick 38 (CC) Medicated	38.0	38.0	2.5	3.7	7.5	5.6	3.0	3.3	1.7	1.5	-----	----	2.0	.7
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS														
Pioneer Hog Balancer	36.0	35.6	3.0	3.5	7.0	5.4	3.0	4.4	1.5	2.1	.0002	----	2.0	1.7
MCWILLEN FEED MILLS, FORT WAYNE, INDIANA														
Master Mix Hog Concentrate	42.0	42.7	6.0	6.8	4.0	3.1	4.0	3.7	1.6	1.7	.0002	----	1.5	1.2
Master Mix 44% Dairy Supplement	44.0	42.0	1.0	1.6	10.0	7.3	3.5	4.8	1.1	1.3	.0002	----	3.4	3.2**
Master Blend Dairy Supplement	44.0	44.9	1.0	1.5	10.0	7.2	3.5	4.7	1.1	1.3	.0002	----	3.4	3.7
Master Blend Dairy Concentrate	33.0	33.2	.5	1.2	9.0	8.4	3.2	4.5	1.0	1.0	.0002	----	3.0	3.3
Master Mix Beef Concentrate	33.0	33.8	.5	2.2	9.0	7.4	3.2	4.0	1.0	1.0	.0002	----	3.0	3.2
Master Mix 40% Hog Pastur-ate	40.0	33.3	1.0	1.3	9.5	9.7	2.2	2.4	1.0	.9	.0002	----	3.0	2.7
Master Mix Sow & Pig Concentrate	36.0	40.2	1.0	1.5	6.0	7.4	4.0	3.8	1.2	1.1	.0002	----	2.3	2.5**
Master Mix 35% Hog Concentrate	35.0	36.3	1.5	1.9	9.0	6.8	3.1	3.8	1.0	1.2	.0002	----	2.0	2.2
MINERAL PRODUCTS COMPANY, INDIANAPOLIS, INDIANA														
3 Way All Purpose Mineral	-----	-----	---	---	---	---	26.0	25.8	3.0	2.6	-----	----	11.0	10.3
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS														
Moorman's Mintrate 45 for Hogs	45.0	45.7	3.0	3.9	4.0	2.9	7.8	8.1	2.1	2.5	.005	----	2.2	1.6
Moorman's Mintrate for Starting & Growing Pigs, Medicated	43.0	45.1	2.0	3.2	5.5	4.4	3.3	3.7	1.2	1.3	.002	----	2.5	2.1

Protein and Mineral Feeds and Mineral Feeds

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY														
Cardinal Family Fare 35	35.0	35.8	1.5	2.8	10.0	6.8	3.0	3.7	1.0	1.6	.00016	----	2.0	1.9
Cardinal Farm Fare Hog Supplement														
Pellets	40.0	42.8	2.5	3.5	8.0	6.6	3.0	4.1	1.5	1.7	.0003	----	2.0	2.0
PILLSBURY MILLS, INC., CLINTON, IOWA														
Pillsbury's Best Layer Concentrate	33.0	34.1	2.5	3.8	8.0	5.5	6.0	6.1	1.5	1.2	.0004	----	2.0	1.5
Pillsbury's Best Laying Mash	20.0	21.0	3.0	5.8	7.5	7.2	2.2	3.3	1.0	1.0	.00024	----	1.5	.7
Pillsbury's Best Cage Layeration	16.0	19.5	4.0	5.0	5.5	5.0	2.2	1.9	.9	.8	.00012	----	.7	.5
Pillsbury's Best Dairy Mixer - 44	44.0	46.0	1.0	2.6	8.5	6.2	3.5	3.9	1.5	1.4	.0006	----	3.5	2.7
Pillsbury's Best 24% Dairy Feed	24.0	24.7	2.5	2.5	8.5	5.8	1.5	1.6	.7	.7	.0002	----	1.7	1.6
Pillsbury's Best Cattle Concentrate	32.0	33.2	1.5	10.0	7.7	7.7	2.5	3.1	.9	1.1	.0003	----	2.5	2.0
Pillsbury's Best Hog Concentrate	40.0	40.6	1.5	3.3	7.5	6.4	3.0	3.2	1.0	1.0	.00048	----	2.5	1.5
Pillsbury's Best Hog Concentrate	40.0	37.8	1.5	1.8	7.5	5.7	3.0	3.0	1.0	1.0	.00048	----	2.5	1.3**
Very much below guaranty in protein														
Pillsbury's Best Hog Concentrate	40.0	38.4	1.5	4.1	7.5	6.2	3.0	2.8	1.0	1.1	.00048	----	2.5	1.9**
Pillsbury's Best Hog Concentrate	40.0	41.0	1.5	3.4	7.5	5.4	3.0	3.0	1.0	1.0	.00048	----	2.5	1.8
Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	34.0	2.0	3.4	6.5	5.9	3.0	3.0	1.0	1.2	.0004	----	2.5	1.5
Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	32.0	2.0	4.0	6.4	4.5	3.0	3.9	1.0	1.3	.0004	----	2.5	2.0
Pillsbury's Best Hog Balancer	35.0	35.6	1.0	1.8	6.5	5.7	3.7	3.5	1.0	1.1	.0003	----	3.0	2.1
PURCELL SEED COMPANY, EVANSVILLE, INDIANA														
Judge 40% Hog Supplement	40.0	41.4	2.5	4.0	7.0	5.4	3.5	4.7	1.5	1.2	.0035	----	1.0	.7
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS														
Full-O-Pep Pro-Sweet Supplement L	24.0	24.6	1.5	2.3	10.0	6.4	1.5	2.5	.7	.9	.000063	----	1.7	2.2
Full-O-Pep Gro-Pork 45 Supplement (K1) L Medicated	45.0	45.2	1.5	1.7	5.0	3.6	2.7	3.2	1.2	1.4	.0002	----	2.3	2.0
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI														
Purina Chicken Chowder	36.0	36.9	5.5	5.1	8.0	6.4	5.5	5.7	2.0	2.5	.0004	----	3.0	1.8
Purina Chicken Breeder Chowder	36.0	39.1	5.5	6.2	8.0	5.0	5.5	5.9	2.0	2.5	.0004	----	3.0	2.4
Purina Dairy Premix 50% D	50.0	50.3	1.0	1.3	10.0	5.4	4.0	4.8	1.3	1.4	.0004	----	5.0	4.6
Purina Cow Chow Concentrate	32.0	33.1	1.5	2.4	10.0	6.3	2.5	3.2	1.0	1.2	.00035	----	2.5	2.5
Purina Cow Chow Concentrate	32.0	32.3	1.5	1.4	10.0	5.3	2.5	3.7	1.0	1.1	.00035	----	2.5	2.4
Purina Hog Chow - 50 AB Medicated	36.0	36.1	.5	1.1	8.0	6.9	3.0	3.5	1.4	1.4	.0003	----	3.0	2.0
Purina Hog Chow - 50 AB Medicated	36.0	37.7	.5	1.3	8.0	4.7	3.0	4.5	1.4	1.6	.0003	----	3.0	2.1
Purina Sow Chow	32.0	32.7	2.0	2.3	9.0	5.8	2.5	3.0	1.0	1.1	.0003	----	3.0	2.1

## Protein and Mineral Feeds and Mineral Feeds

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
SWIFT & COMPANY, CHICAGO, ILLINOIS Swift Laying Concentrate Pow-R-Pac Brand	34.0	34.0	2.0	5.5	9.0	6.4	3.5	3.8	1.0	1.2	.0005	----	2.5	1.6
** Swift's Sow & Pig Concentrate Pow-R-Pack Brand	35.0	35.1	3.0	4.6	8.0	6.5	4.0	3.2	1.2	1.2	.0005	----	1.5	1.7**
Contained poultry feathers Swift's Pork Builder	40.0	41.0	2.5	4.1	8.0	5.2	3.0	4.1	1.0	1.4	.0003	----	2.0	.4



## REPORT OF OFFICIAL FEED SAMPLES ANALYZED

April, May, June, 1958

Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse, have been made to stand out in the report by the use of underline, asterisks, and (where necessary) appropriate remarks.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE ABILENE FLOUR MILLS COMPANY, ABILENE, KANSAS Wheat Gray Shorts with Screenings	16.0	16.9	4.0	4.7	6.0	6.1
ALBANY MILLS, ALBANY, KENTUCKY Clinton 18% Dairy Feed	18.0	20.3	3.5	3.4	9.5	7.2
ALLIED MILLS, INC., CHICAGO, ILLINOIS Wayne Starter & Grower (136) Medicated	18.0	19.2	2.5	3.3	6.0	4.3
Wayne Starter & Grower (136) Medicated	18.0	19.2	2.5	3.6	6.0	3.7
Wayne Egg Producer	20.0	21.7	3.0	3.1	7.0	5.9
** Wayne Egg Crums	22.0	23.7	4.0	<u>3.3</u>	4.5	4.7**
Wayne 16% Dairy	16.0	21.3	3.0	3.5	9.0	7.4
Wayne Sweet Bulky Feed	12.0	15.1	1.5	2.1	15.0	13.1
Wayne Calf Starter "A"	16.0	17.3	3.0	3.1	7.5	5.7
Wayne Horse Feed	9.0	12.5	2.5	3.4	12.0	6.1
Wayne Tail Curler Medicated (For Swine only)	16.0	18.0	3.0	4.4	5.0	3.7
Wayne Tail Curler Medicated	16.0	18.2	3.0	3.8	5.0	3.5
AMERICAN CRYSTAL SUGAR COMPANY, MOORHEAD, MINNESOTA Dried Beet Pulp	8.0	9.3	.3	.6	22.0	19.7
ANDERSON COUNTY FARM SERVICE, LAWRENCEBURG, KENTUCKY 16% Dairy Feed	16.0	16.6	2.5	3.5	10.0	7.2
ARCHER-DANIELS-MIDLAND COMPANY, MINNEAPOLIS, MINNESOTA 34% Solvent Extracted Linseed Oil Meal	34.0	34.4	.5	1.2	10.0	9.5
ARKANSAS RICE GROWERS COOP. ASSOCIATION, JONESBORO, ARKANSAS Rice Bran	12.0	11.8	12.0	15.2	12.0	9.6
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY Red "A" Medicated Hi-Vigor Pellets	24.0	26.8	2.7	3.7	5.5	4.3
Red "A" 21% Turkey Growing & Developing Crumbles	21.0	23.0	3.5	4.0	8.0	5.4
Red "A" All Mash Starter & Grower Mash	20.0	21.2	3.5	5.3	7.0	6.3
Red "A" All Mash Starter & Grower Mash	20.0	21.8	3.5	4.9	6.0	6.0
Red "A" All Mash Starter & Grower Mash, Medicated	20.0	20.0	3.5	4.7	7.0	5.3
Glycamide Red "A" All Mash Starter & Grower Mash Medicated	20.0	22.2	3.5	4.7	7.0	5.6
Red "A" All Mash Starter & Grower Crumbles, Medicated	20.0	21.4	3.5	5.7	7.0	5.8
Red "A" Broiler Finisher Crumbles	19.5	19.8	4.0	5.2	3.0	3.1
Red "A" Laying Mash	20.0	21.7	3.0	4.8	6.0	5.4
Red "A" Laying Crumbles	20.0	22.2	3.0	4.7	6.0	5.5
Red "A" Laying Crumbles	20.0	21.5	3.0	3.6	6.0	4.8
Red "A" Laying Pellets	20.0	21.3	3.0	4.5	6.0	4.7
Red "A" 30% Game Bird Breeder Pellets	30.0	29.6	3.5	3.8	8.0	5.3
Red "A" 44% Dairy Supplement	44.0	44.3	1.5	1.7	8.0	5.3
Red "A" 24% Protein Dairy Feed	24.0	26.2	3.0	3.2	10.0	8.6
Red "A" 24% Protein Dairy Feed	24.0	25.7	3.0	3.5	10.0	7.6
Red "A" 24% Protein Dairy Feed	24.0	24.1	3.0	3.6	10.0	7.9
Aubrey's Special 16½% Dairy Feed	16.5	16.7	2.5	3.5	15.0	12.3
Aubrey's Special 16½% Dairy Feed	16.5	17.3	2.5	3.4	15.0	11.6
Aubrey's Special 16½% Dairy Feed	16.5	16.4	2.5	3.4	15.0	11.5
Aubrey's Special 16½% Dairy Feed	16.5	16.9	2.5	4.0	15.0	10.1
Aubrey's Special 16½% Dairy Feed	16.5	16.9	2.5	3.5	15.0	11.5
Red "A" Calf Starter-Grower	18.5	21.3	3.0	3.2	7.5	7.4
Red "A" Calf Starter-Grower	18.5	18.8	3.0	3.6	7.5	6.2
Red "A" Horse Feed	9.0	11.0	3.0	3.4	8.0	4.5
Red "A" 18% Sow & Pig Feed, Medicated	18.0	19.8	3.0	3.8	6.0	4.8
Red "A" 18% Sow & Pig Feed, Medicated	18.0	21.5	3.0	4.4	6.0	5.5
Red "A" 18% Pig Starter Medicated	18.0	20.7	3.0	4.1	3.7	2.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY (Con't)						
Red "A" 18% Sow & Pig Pellets Medicated	18.0	21.4	3.0	3.9	6.0	5.8
Red "A" 18% Sow & Pig Pellets Medicated	18.0	20.6	3.0	3.8	6.0	5.1
Red "A" Wheat Brown Shorts with Ground Wheat Screenings	15.0	18.1	3.5	4.4	7.0	6.5
Red "A" Wheat Brown Shorts with Ground Wheat Screenings	15.0	18.3	3.5	4.7	7.0	7.4
Hominy Feed	10.0	10.2	5.0	5.6	6.0	4.1
AYLOR & MEYER COMPANY, AURORA, INDIANA						
Rainbow Dairy Feed	16.0	15.7	3.0	3.6	10.0	7.6
BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY						
20% Protein Laying Mash	20.0	21.5	3.5	3.3	7.0	5.1
Harrison's 24% Protein Dairy Feed	24.0	24.0	2.5	3.2	10.0	6.1
** Bulky Brand 16.5% Protein Dairy Feed Contained mixed screenings instead of grain screenings	16.5	17.4	2.5	3.3	15.0	9.5**
** Harrison's Nat-Ur-Way 16% Protein Dairy Feed 0.96% excess non-protein nitrogen from urea	16.0	18.6	2.5	3.2	10.0	7.0**
Harrison's 95% Grain Horse & Mule Feed	9.0	9.7	3.0	4.0	7.0	5.9
** Hominy Meal	9.0	8.0	5.0	4.5	8.0	6.9**
BALLARD & BALLARD COMPANY, LOUISVILLE, KENTUCKY						
Ballard's Wheat Brown Shorts with Screenings	15.0	16.7	3.5	4.1	7.5	5.5
Ballard's Wheat Brown Shorts with Screenings	15.0	17.1	3.5	4.1	7.5	6.2
Ballard's Pure Wheat Bran	14.0	16.4	3.5	3.1	11.0	9.5
BANNER FEED MILLS, HUNTINGTON, WEST VIRGINIA						
** Banner 24% Dairy 0.60% excess non-protein nitrogen from urea	24.0	24.9	2.5	3.2	15.0	8.0**
BARDSTOWN MILLS, BARDSTOWN, KENTUCKY						
Blue Ribbon 20% Protein Dairy Feed	20.0	22.9	3.0	5.4	9.0	5.8
Blue Ribbon 18% Pig & Sow Ration	18.0	21.5	3.0	4.7	6.0	5.4
BARNETT'S FEED STORE, HICKMAN, KENTUCKY						
Barnett's Check-R-Mix Hog Feed E	13.0	12.6	3.0	3.7	5.0	3.0
BARNETT-SULLIVAN & COMPANY, HARRODSBURG, KENTUCKY						
"Blue Ribbon Brand" 16% Dairy Feed	16.0	18.1	2.5	2.8	10.0	6.6
BARRY-CARTER MILLING COMPANY, LEBANON, TENNESSEE						
** Liberty 16% Dairy Feed Contained unground weed seeds	16.0	17.9	2.5	3.6	15.0	7.9**
Fortune 16% Dairy Molasses Feed	16.0	15.9	2.5	2.0	15.0	13.9
BARTON DISTILLING COMPANY, BARDSTOWN, KENTUCKY						
Corn Distillers Dried Grains	27.0	27.0	8.0	8.8	9.0	7.6
BATH COUNTY MILLING COMPANY, OWINGSVILLE, KENTUCKY						
Par-X-18% Dairy Feed	18.0	19.9	3.5	3.6	9.0	7.7
BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY						
Banner 20% Starter & Growing Mash	20.0	21.3	3.5	4.5	7.0	4.4
Banner Mixed Feed	11.0	14.4	3.5	8.6	11.0	7.0
JAMES B. BEAM DISTILLING COMPANY, CLERMONT, KENTUCKY						
26% Protein Corn Distillers Dried Grain	26.0	28.7	6.0	7.3	14.0	13.9
26% Protein Corn Distillers Dried Grain	26.0	39.9	6.0	2.0	14.0	7.1
26% Protein Corn Distillers Dried Grain	26.0	26.8	6.0	7.6	14.0	14.1
THE BEARDSTOWN MILLS COMPANY, BEARDSTOWN, ILLINOIS						
Critic Chick Starter & Grower Medicated	18.0	18.0	3.5	4.1	6.0	5.6
Critic Sweet Grains Mix	9.5	10.2	2.5	2.4	7.0	6.4
BEST FEEDS AND FARM SUPPLIES, INC., WASHINGTON, PENNSYLVANIA						
Joy Dog Food	26.0	28.1	7.0	7.6	5.0	4.8

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BI-COUNTY FARM BUREAU COOPERATIVE, ERLANGER, KENTUCKY						
"Co-op" Milkmaker Brand 16% Protein Dairy Feed	16.0	16.0	2.5	2.5	10.0	5.1
"Co-op" Mermash Brand 17% All Purpose Mash	17.0	17.8	3.0	4.4	7.0	5.5
BIRMINGHAM MILLING COMPANY, BENTON, KENTUCKY						
Ground Corn	8.5	8.6	4.0	4.9	2.0	1.9
Crushed Ear Corn & Shuck	7.5	7.6	3.0	3.4	10.0	7.9
BOATMAN'S FEED MILL, ST. JOSEPH, KENTUCKY						
Davco Sta-D-Made Growing Mash	18.0	19.2	3.0	3.2	7.0	4.0
BREMCO ALFALFA MILLS, INC., NEW BREMEN, OHIO						
** Medogreen Alfalfa Meal	17.0	<u>15.0</u>	1.5	2.5	27.0	26.1**
THE BRODE CORPORATION, MEMPHIS, TENNESSEE						
Owl Brand 41% Prime Cottonseed Meal	41.0	42.3	3.0	3.5	14.0	13.3
** Owl Brand 41% Prime Cottonseed Meal	41.0	<u>39.2</u>	3.0	3.2	14.0	13.9**
BROWDER MILLING COMPANY, FULTON, KENTUCKY						
Browder's 18% Chick Grower	18.0	18.7	3.0	3.7	6.0	5.4
BUGG BROTHERS FEED & SUPPLY, CLINTON, KENTUCKY						
Bugg Brothers Check-R-Mix Hog Finisher (A)	12.0	12.4	2.5	4.0	6.0	2.9
BUHNER & COMPANY, INC., LOUISVILLE, KENTUCKY						
Magnolia 18% Dairy Feed	18.0	18.7	3.0	3.7	10.0	5.3
BUNDY BROTHERS MILL COMPANY, MEDORA, INDIANA						
Perfection Brand 17% Protein Starting & Growing Mash	17.0	18.1	4.0	3.8	6.0	5.3
Medora 20% Protein Laying Mash	20.0	20.1	4.5	4.2	7.0	4.6
** Medora 40% Protein Hog Supplement	40.0	40.1	4.0	<u>2.4</u>	6.0	<u>6.6**</u>
A. C. BUTTS & SONS, FULTON, KENTUCKY						
** Ground Ear Corn with Shuck	7.0	8.6	3.5	<u>2.6</u>	9.0	8.4**
CADIZ MILLING COMPANY, CADIZ, KENTUCKY						
** Sunbeam 17% Growing Mash	17.0	19.3	2.5	2.7	6.0	<u>8.5**</u>
Very much above guaranty in fiber						
** Sunbeam 20% Laying Mash	20.0	<u>18.0</u>	2.5	2.5	7.0	6.4**
CAMPBELL'S FEED MILL, KEVIL, KENTUCKY						
41% Cottonseed Meal	41.0	41.1	3.0	3.6	13.0	12.2
CANN BROTHERS, LEITCHFIELD, KENTUCKY						
Cann's Hog Feed (Fattening)	14.0	18.4	2.5	5.0	8.0	3.4
CHECK-R-BOARD STORE, HUNTINGTON, WEST VIRGINIA						
Check-R-Mix 16% Dairy Feed PS (Special)	16.0	16.4	2.5	2.7	10.0	5.1
CINCINNATI GRAIN & HAY COMPANY, CINCINNATI, OHIO						
"No Better" 24% Protein Seet Dairy Feed	24.0	24.0	3.5	4.1	9.5	8.6
CITIZENS MILLING COMPANY, SOMERSET, KENTUCKY						
Scratch Grains	9.0	9.2	3.0	3.1	3.5	2.1
** Cumberland 24% Dairy Feed	24.0	25.3	3.0	<u>2.0</u>	10.0	9.5**
16% Cumberland Mixed Feed	16.0	16.6	2.5	2.7	10.0	8.4
CITY ROLLER MILLS, VEVA, INDIANA						
Blue Ribbon 16% Protein Dairy Feed	16.0	16.5	3.0	3.1	10.0	7.4
Blue Ribbon Special 16% Protein Dairy Feed	16.0	17.1	3.0	3.1	10.0	8.2
CLIFTY FALLS MILLS, INC., MADISON, INDIANA						
Clifty Falls 20% Protein Egg Mash	20.0	21.0	3.0	4.1	7.0	6.7
Clifty Falls 24% Protein Cow Feed	24.0	27.2	2.5	3.7	10.0	7.1
Clifty Falls 24% Protein Cow Feed	24.0	25.2	2.5	2.6	10.0	6.8
Clifty Falls 24% Protein Pusher Feed	24.0	25.4	2.5	2.9	10.0	5.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CLIFTY FALLS MILLS, INC., MADISON, INDIANA (Con't)						
Clifty Falls 24% Protein Pusher Feed	24.0	24.4	2.5	3.0	10.0	7.4
Clifty Falls 24% Protein Pusher Feed	24.0	25.4	2.5	2.6	10.0	5.4
Clifty Falls 20% Protein Pusher Feed	20.0	24.1	2.5	2.8	10.0	5.4
Clifty Falls 16% Protein Cow Feed	16.0	17.4	2.0	3.1	15.0	8.0
Clifty Falls 16% Protein Cow Feed	16.0	18.6	2.5	2.5	15.0	8.6
** Clifty Falls 16% Protein Pusher Feed	16.0	17.0	2.5	2.1	10.0	5.5**
0.66% excess non-protein nitrogen from urea						
Clifty Falls 15% Protein Stock Feed	15.0	16.2	2.5	3.6	9.0	8.1
** Clifty Falls 10% Protein Horse & Mule Feed	10.0	8.8	2.5	3.9	10.0	3.7**
** Clifty Falls 10% Protein Horse & Mule Feed	10.0	8.5	2.5	3.6	10.0	4.2**
Clifty Falls 18% Pig & Sow Feed	18.0	21.3	3.0	4.2	6.0	6.3
** Hominy Feed	10.0	6.9	5.0	2.1	6.0	1.5**
Very much below guaranty in protein						
CLINTON HATCHERY, CLINTON, KENTUCKY						
New Deal 18% Protein Starter & Grower Mash	18.0	19.5	3.0	4.3	6.5	5.6
CLINTON MILLING COMPANY, CLINTON, KENTUCKY						
Climco 21% Protein Chick Starter Medicated	21.0	22.9	4.0	4.0	6.0	3.9
Climco Custom Feed Steer Feed	7.0	9.7	.5	1.0	20.0	19.1
Climco Horse & Mule Feed	9.0	9.5	3.5	3.4	7.0	5.7
Climco Hog & Pig Feed	18.0	18.8	3.5	5.2	6.0	5.5
COLBY MILLING, INC., COLBY, WISCONSIN						
Colby Pulverized White Oats	11.5	11.6	3.5	3.0	12.5	11.6
Colby Pulverized White Oats	11.5	11.6	3.5	3.4	12.5	12.1
CLELL COLEMAN & SONS, BURGIN, KENTUCKY						
Coleman's Pig & Hog Feed	16.5	17.8	4.0	3.7	6.5	4.4
Favorite Feed	15.0	16.2	3.5	3.5	8.5	5.4
Favorite Feed	15.0	16.1	3.5	3.1	8.5	5.7
Coleman's Farm Feed	14.0	14.8	4.0	3.9	8.0	5.4
Coleman's Farm Feed	14.0	15.9	4.0	3.9	8.0	5.7
Big Blue Stock Feed	16.5	19.4	4.0	4.0	6.5	5.3
Big Blue Stock Feed	16.5	16.6	4.0	4.0	6.5	4.9
Big Blue Stock Feed	16.5	19.0	4.0	3.8	6.5	5.4
Wheat Mixed Feed	13.0	14.2	3.5	4.0	9.0	6.1
COMMANDER-LARABEE MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
Sunfed Winter Wheat Gray Shorts with Screenings	16.0	17.4	3.5	4.1	6.0	6.4
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY						
** Our Pride 20% Dairy Feed	20.0	24.0	2.5	2.3	10.0	10.5**
Contained oat hulls						
** Our Pride 16% Dairy Feed	16.0	19.4	2.5	2.4	10.0	12.6**
Very much above guaranty in fiber						
Our Pride 18% Protein Pig & Sow Feed	18.0	18.4	3.0	2.5	6.0	4.9
COOPER BROTHERS, ELIZABETHTOWN, KENTUCKY						
Cooper Brothers 20% Starter & Grower Mash	20.0	22.1	3.0	3.5	6.0	4.2
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
Starting & Growing Mash	20.0	20.6	3.5	4.9	6.0	3.9
Starting & Growing Mash	20.0	22.0	3.5	4.5	6.0	3.7
Starting & Growing Mash Medicated	20.0	22.6	4.5	5.2	6.0	4.2
Starting & Growing Mash Medicated	20.0	21.3	3.5	4.4	6.0	4.2
Starting & Growing Mash Medicated	20.0	21.0	3.5	4.7	6.0	4.2
Starting & Growing Mash Medicated	20.0	20.0	3.5	5.0	6.0	3.7
Starting & Growing Mash Medicated	20.0	20.5	3.5	4.6	6.0	3.7
Medicated Broiler Maker	22.0	25.4	4.0	4.2	4.0	3.4
Broiler Maker (GL) Medicated	22.0	23.1	4.0	4.9	4.0	2.8
Broiler Maker (GL) Medicated	22.0	23.3	4.0	4.7	4.0	3.0
Caged Layer Ration	18.0	18.7	4.0	5.2	5.5	3.9
32% Milk Maker	32.0	34.0	2.5	2.7	10.0	8.3
32% Milk Maker	32.0	32.7	2.5	2.2	10.0	7.8

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Con't)						
32% Dairy Supplement	32.0	34.2	2.5	2.7	11.0	9.7
24% Milk Maker	24.0	25.8	3.0	3.3	10.0	7.3
24% Milk Maker	24.0	25.6	3.0	3.4	10.0	8.2
24% Milk Maker	24.0	26.9	3.0	3.6	10.0	8.6
24% Milk Maker	24.0	25.9	3.0	3.5	10.0	8.2
20% Milk Maker	20.0	21.8	3.0	4.0	10.0	9.0
20% Milk Maker	20.0	20.6	3.0	4.0	10.0	9.8
20% Milk Maker	20.0	21.6	3.0	4.6	10.0	8.6
20% Milk Maker	20.0	22.2	3.0	3.5	10.0	9.3
20% Dari-Flo	20.0	25.1	3.0	4.5	10.0	7.3
16% Milk Maker	16.0	19.4	3.0	4.2	10.0	8.9
16% Milk Maker	16.0	17.9	3.0	4.1	10.0	8.1
16% Pasture Dairy	16.0	19.4	3.0	3.0	11.0	8.0
16% Pasture Dairy	16.0	19.5	3.0	3.1	11.0	7.7
16% Pasture Dairy	16.0	19.5	3.0	3.4	11.0	7.3
16% Dari-Flo	16.0	18.8	3.0	4.2	10.0	8.1
16% Utility Dairy	16.0	18.9	3.0	2.8	15.0	14.0
** 16% Utility Dairy	16.0	19.5	3.0	2.7	15.0	13.0**
0.80% excess non-protein nitrogen from urea						
16% Utility Dairy	16.0	19.4	3.0	3.2	15.0	13.0
16% Utility Dairy	16.0	16.4	3.0	3.9	15.0	13.4
16% Utility Dairy	16.0	18.4	3.0	3.2	15.0	12.9
16% Pasture Dairy	16.0	20.8	3.0	3.3	11.0	8.1
16% Utility Dairy	16.0	17.8	3.0	3.1	15.0	9.5
Sheep Feed	14.0	16.4	3.0	3.7	10.0	8.0
Sheep Feed	14.0	16.0	3.0	4.0	10.0	7.9
20% Sow & Pig Feed	20.0	21.8	4.0	5.6	6.0	4.5
20% Sow & Pig Feed	20.0	22.3	4.0	5.3	6.0	5.0
Sow & Pig Feed Medicated (For swine only)	20.0	20.3	4.0	5.6	6.0	4.4
Pig Starter Medicated	18.0	19.2	4.5	4.4	4.5	3.0
Pig Starter Medicated	18.0	19.0	4.5	4.0	4.5	2.9
Pig Starter	18.0	18.2	4.5	4.6	4.5	2.5
16% Pig Developer	16.0	19.0	3.5	4.8	5.0	4.1
16% Pig Developer	16.0	16.9	3.5	4.2	5.0	3.9
16% Pig Developer	16.0	17.6	3.5	4.5	5.0	3.3
15% Pork Maker	15.0	14.8	4.0	5.0	5.5	4.4
Sweet Stock Feed	11.0	11.8	3.0	3.1	7.0	6.0
Sweet Stock Feed	11.0	12.1	3.0	3.5	7.0	6.1
CORN PRODUCTS SALES COMPANY, KASCO MILLS, WAVERLY, NEW YORK						
** Kasco Complete Dog Food	25.0	<u>22.3</u>	8.0	9.1	4.0	2.5**
Very much below guaranty in protein						
CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY						
Crescent Stock Feed	14.0	14.0	3.0	5.2	6.0	3.4
** Crescent Stock Feed	14.0	<u>13.4</u>	3.0	5.6	6.0	4.7**
** Crescent Stock Feed	14.0	<u>13.1</u>	3.0	4.4	6.0	4.4**
DEARBORN MILLS, AURORA, INDIANA						
Dearborn 18½% All Mash Starter & Grower Medicated	18.5	19.3	3.0	4.8	5.5	4.8
Dearborn 18½% All Mash Starter & Grower Medicated	18.5	19.7	3.0	4.1	5.5	4.5
Dearborn 18½% All Mash Starter & Grower Medicated	18.5	20.1	3.5	3.7	5.5	5.0
Dearborn 19% Grower & Developer	19.0	19.3	3.0	4.9	6.0	5.3
Dearborn 20% Starter & Grower	20.0	20.4	3.0	5.1	7.0	5.8
Dearborn 20% Starter & Grower	20.0	20.3	3.0	3.8	7.0	4.8
Dearborn 29% Layer	20.0	20.3	3.0	4.4	5.5	5.1
Success Brand 20% Laying Mash	20.0	20.9	3.0	4.3	8.0	6.9
** Success Brand 20% Laying Mash	20.0	<u>19.4</u>	3.0	4.9	8.0	6.1**
** Dearborn 45% Cattle & Dairy Supplement	45.0	<u>43.3</u>	1.0	2.5	6.0	6.4**
Dearborn Special 32% Dairy & Cattle Supplement	32.0	33.5	.5	2.5	11.5	8.4
Dearborn 24% Dairy Feed	24.0	26.6	2.5	2.2	11.5	7.5
Dearborn Sweet 16% Dairy	16.0	17.4	2.5	2.6	15.0	12.5
Dearborn 16% Dairy Feed	16.0	16.6	2.5	2.6	11.5	7.3
Dearborn Horse & Mule Feed	9.0	10.4	2.5	3.6	12.5	9.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
W. C. DICKEN, MENTOR, KENTUCKY						
Nitrofurazone Mixture in Sunny Grain 20%						
Chick Starting Mash	20.0	20.8	3.0	4.5	7.0	7.0
Sunny Grain Brand 16% Dairy	16.0	19.0	4.0	3.5	10.0	7.7
DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS						
Dixie Egg Pellets	20.0	20.8	3.0	4.0	8.0	6.7
Dixie 18% Dairy Feed	18.0	20.3	2.5	3.1	10.0	9.7
Dixie 18% Dairy Feed	18.0	21.4	2.5	3.5	10.0	9.9
Dixie 16% Milking Feed	16.0	19.4	3.0	2.8	9.0	7.6
Dixie 40% Hog Supplement	40.0	40.5	2.0	2.6	7.0	7.0
DOYLE PACKING COMPANY, MOMENCE, ILLINOIS						
Strongheart Dog Food	8.0	9.2	2.0	2.7	1.5	1.2
DUNCAN'S FARM SERVICE, LAWRENCEBURG, KENTUCKY						
Check-R-Mix Growing Mash	17.0	17.0	2.5	4.3	8.0	3.3
** Check-R-Mix Laying Mash	18.0	17.3	3.0	4.5	8.0	3.2**
** 12% Dairy Feed (To be fed only with high protein legume hay or legume hay silage.)	12.0	10.3	2.5	2.3	10.0	7.1**
12% Dairy Feed (To be fed only with high protein legume hay or legume hay silage.)	12.0	11.6	2.5	2.4	10.0	6.4
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO						
Tuxedo Turkey Breeder All Mash	16.0	18.6	4.0	4.7	5.0	4.8
Tuxedo Starter & Grower & Developer Mash	17.0	17.5	3.0	4.2	7.0	5.6
Tuxedo Starter & Grower & Developer Mash Medicated	17.0	19.2	3.0	4.5	7.0	5.5
Tuxedo Starter & Grower & Developer Mash Med.	17.0	17.5	3.0	4.9	7.0	5.2
Tuxedo Chick Starter Medicated	21.0	21.3	4.0	4.8	5.5	5.9
** Tuxedo Chick Starter (Bitty Bits) Medicated	21.0	20.0	4.0	4.5	5.5	5.8**
Tuxedo Broiler Finisher	18.0	19.0	4.0	4.3	4.0	2.6
Tuxedo Egg Mash	20.0	20.4	5.0	5.0	6.5	5.6
Tuxedo Egg Mash	20.0	20.3	5.0	5.0	6.5	5.1
Tuxedo Special Egg Mash	20.0	20.0	3.0	2.9	8.0	5.7
Tuxedo Complete Egg Ration Pellets	16.0	17.2	3.0	4.8	7.0	5.9
Tuxedo 33% Dairy Supplement	33.0	34.6	2.0	2.6	8.5	7.7
Tuxedo 24% Dairy	24.0	23.7	2.5	3.3	10.0	8.8
Tuxedo Special 24% Dairy	24.0	25.0	2.5	2.5	12.0	9.6
Tuxedo Special 20% Dairy	20.0	20.0	2.5	3.0	12.0	12.2
** Tuxedo 16% Dairy	16.0	17.1	3.0	3.1	10.0	11.9**
Tuxedo Special 16% Dairy	16.0	17.3	2.5	2.1	15.0	13.8
Tuxedo Big Pig Starter Pellets	18.0	19.8	3.0	5.1	4.0	4.2
Tuxedo Pig Grower Pellets Medicated	16.0	17.1	3.0	4.2	6.0	5.3
Tuxedo Pig Grower	16.0	17.3	3.0	5.0	6.0	5.2
Tuxedo Pig Grower	16.0	16.9	3.0	5.4	6.0	5.5
Tuxedo Porkmaker	14.0	13.8	3.0	4.1	7.5	5.0
Tuxedo Porkmaker	14.0	13.7	3.0	4.3	7.5	5.5
Tuxedo Brewers Grains & Molasses	22.0	22.3	5.0	5.0	12.0	11.4
Tux-Sweet Rolls	9.0	8.8	1.5	1.2	8.0	6.7
Tuxedo Chop	9.0	9.7	3.0	3.4	10.0	7.4
ELK VALLEY ALFALFA MILLS, INDEPENDENCE, KANSAS						
E-V 17% Protein Fine Ground Dehydrated Alfalfa Meal	17.0	19.6	1.5	3.2	27.0	21.5
F. L. EMMERT COMPANY, INC., CINCINNATI, OHIO						
Molasso Malt	22.0	23.2	5.0	5.2	12.0	12.4
ESHELMAN GRAIN, INC., COLUMBUS, OHIO						
Life Guard 36% Mash Balancer	36.0	38.0	3.0	3.5	8.0	7.1
Life Guard All-Mash Laying Ration	16.0	16.3	3.5	4.0	7.0	5.2
Life Guard Developer	17.0	17.5	3.5	3.8	7.0	6.1
Sunbeam Laying Mash	20.0	20.5	3.0	4.2	8.0	6.1
Life Guard 22% Layer	22.0	24.7	3.5	3.4	8.0	6.5
Life Guard 22% Layer	22.0	21.6	3.5	3.2	8.0	5.1
16% Union Grains Lifeguard Dairy Feed	16.0	17.4	2.5	2.8	12.0	8.4

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
JOHN W. ESHELMAN & SONS, LANCASTER, PENNSYLVANIA						
Red Rose Starter & Grower	20.0	19.9	4.0	4.5	6.0	5.9
Red Rose Starter & Grower	20.0	21.8	4.0	3.7	6.0	6.2
Red Rose Starter & Grower	20.0	21.3	4.0	5.2	6.0	4.6
Red Rose Growing Mash	20.0	20.4	4.0	4.7	6.5	4.8
Red Rose Broiler Finisher, Medicated (115)	21.0	20.7	5.5	5.5	3.5	3.7
Red Rose 24% Dairy Feed	24.0	27.0	2.5	2.1	9.5	7.5
EWING MILL COMPANY, BROWNSTOWN, INDIANA						
Triple-R Dog Food	25.0	26.1	6.0	5.7	5.0	3.0
FABRO INC., ATHENS GEORGIA						
Henny Pen Dog Food	11.0	11.8	2.0	3.5	1.5	1.0
Henny Pen Dog Food	11.0	12.1	2.0	3.6	1.5	.9
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE						
** Famous Brand Calf Fitting Feed	15.0	<u>12.2</u>	2.5	4.9	12.0	8.7**
Very much below guaranty in protein						
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY						
Feeders Friend, 20% H. E. Broiler Finisher Medicated	20.0	20.2	5.0	5.0	3.0	2.3
Feeders Friend Porkmaker	12.0	12.2	3.0	3.8	5.0	3.1
FARMERS FEED STORE, CENTRAL CITY, KENTUCKY						
** Green River Brand 16% Dairy Feed	16.0	<u>13.7</u>	3.0	<u>2.4</u>	15.0	8.5**
Very much below guaranty in protein						
FARMERS FEED & SUPPLY, ARLINGTON, KENTUCKY						
Farmers Laying Mash	20.0	22.4	2.5	4.0	8.0	4.0
Farmers 16% Dairy Feed	16.0	19.0	2.5	2.3	10.0	5.6
FARMERS MILLING COMPANY, SOMERSET, KENTUCKY						
Spotlight 20% Starter & Grower All Mash	20.0	20.2	3.0	3.4	7.0	5.2
Laymore Egg Mash	20.0	21.6	2.5	3.2	8.0	5.0
** Farmers Scratch Feed	8.0	9.0	3.0	3.2	3.0	2.3**
Contained unground weed seeds						
** Spotlight Hog Feed	16.0	<u>13.8</u>	4.0	4.3	8.0	5.5**
Very much below guaranty in protein						
** Spotlight Hog Feed	16.0	<u>15.0</u>	4.0	3.2	8.0	7.5**
** Spotlight Hog Feed	16.0	<u>16.0</u>	4.0	<u>3.4</u>	8.0	<u>8.8**</u>
FARMERS & MERCHANTS MILLING COMPANY, BROOKSVILLE, KENTUCKY						
F & M 16% Dairy Feed	16.0	17.0	3.0	3.8	10.0	5.9
Mixed Feed	14.5	14.2	3.0	4.0	8.0	5.3
Mixed Feed	14.5	14.5	3.0	3.6	8.0	6.2
FARMERS SUPPLY COMPANY, SPRINGFIELD, KENTUCKY						
** Check-R-Mix Dairy Feed	16.0	17.6	2.5	2.6	10.0	7.5**
0.18% excess non-protein nitrogen from urea						
FARMERS TANKAGE COMPANY, HENDERSON, KENTUCKY						
50% Meat & Bone Scraps	50.0	51.7	8.0	10.0	3.0	2.4
FARMERS UNION MILL, VERSAILLES, KENTUCKY						
** Mixed Feed	13.0	14.5	4.5	<u>3.6</u>	8.5	5.9**
FARMINGTON SWEET FEED MILL, FARMINGTON, KENTUCKY						
Ex-Cel 16% Protein Dairy Feed	16.0	17.0	2.5	2.6	9.0	6.0
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY						
Cracker Jack 20% All Mash Starting & Growing	20.0	21.4	3.0	3.6	7.0	5.7
Cracker Jack 20% All Mash Starting & Growing	20.0	21.4	3.0	3.4	7.0	5.0
Nitrofurazone in Cracker Jack 20% Broiler Ration	20.0	21.4	2.5	3.3	7.0	5.2
** Ferncliff 24% Dairy	24.0	<u>21.4</u>	2.5	3.3	11.0	6.1**
Very much below guaranty in protein						
Ferncliff 24% Dairy	24.0	25.5	2.5	2.6	11.0	7.1

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY (Con't)						
Cracker Jack Brand 24% Protein Sweet Dairy Feed	24.0	27.3	3.0	3.0	10.0	7.7
Cracker Jack Cattle Feed	8.0	11.0	3.0	2.5	6.0	4.6
FISHER PACKING COMPANY, INC., LOUISVILLE, KENTUCKY						
** 60% Kentucky Protein Digester Tankage Very much below guaranty in protein	60.0	<u>56.4</u>	5.0	8.2	2.5	1.7**
FLAMBEAU MILLING COMPANY, PHILLIPS, WISCONSIN						
Pulverized Flambo Mixed Feed Oats	10.0	10.6	4.5	4.5	15.0	14.0
FRANCIS WHOLESALE COMPANY, PRESTONSBURG, KENTUCKY						
Francis Broiler Mash	18.0	21.4	3.5	3.9	5.0	4.4
Francis All Mash Laying Mash	15.0	16.6	3.0	3.5	4.0	3.7
Francis Pig Starter	16.0	17.5	3.5	3.3	4.5	4.6
HENRY FRUECHTENICHT COMPANY, INC., LOUISVILLE, KENTUCKY						
Producer 36% Mash Concentrate	36.0	36.8	2.5	4.2	9.0	7.0
Producer 20% Starter & Grower Mash	20.0	21.2	3.2	3.6	7.0	5.2
Producer 20% Starter & Grower Mash	20.0	22.0	3.2	4.0	7.0	4.9
Producer 20% Starter & Grower Mash	20.0	20.7	3.2	4.4	7.0	4.8
Producer 20% Starter & Grower Mash	20.0	20.7	3.2	4.4	7.0	5.1
Producer 20% Egg Mash	20.0	22.6	3.0	4.4	7.0	5.3
Producer 20% Egg Mash	20.0	21.9	3.0	3.6	7.0	4.3
Producer 20% Egg Mash	20.0	21.0	3.0	4.1	7.0	4.2
** Producer 33% Dairy Concentrate 1.84% excess non-protein nitrogen from urea	33.0	36.9	2.0	2.8	8.0	7.6**
** Producer 24% Dairy Feed	24.0	<u>22.5</u>	3.0	3.1	9.0	5.0**
Producer 24% Dairy Feed	24.0	23.7	3.0	4.1	9.0	6.0
Producer 24% Dairy Feed	24.0	23.5	3.0	4.5	9.0	6.4
Producer Special 24% Dairy Feed	24.0	26.3	2.5	5.0	10.0	6.7
Producer Special 24% Dairy Feed	24.0	25.4	2.5	3.3	10.0	5.2
Producer 16% Dairy Feed	16.0	19.5	3.0	4.8	9.0	5.5
Producer 16% Dairy Feed	16.0	18.1	3.0	4.0	9.0	4.8
Producer Special 16% Dairy Feed	16.0	16.5	2.5	3.3	14.0	10.3
Producer Special 16% Dairy Feed	16.0	16.8	2.5	4.4	14.0	12.5
Producer Special 16% Dairy Feed	16.0	16.5	2.5	4.1	14.0	13.3
0.0011% Diethylstilbestrol Mixture incorporated in Producer 32% Beef Concentrate	32.0	34.8	2.0	2.8	9.0	6.6
Producer 40% Pig & Hog Supplement	40.0	41.0	2.5	4.1	8.0	6.3
Producer 40% Hog Supplement	40.0	40.0	2.5	4.2	8.0	6.0
Producer 18% Pig & Sow Feed	18.0	20.6	3.5	5.2	6.0	5.9
Producer Rabbit Ration	17.0	17.8	2.5	3.1	14.0	12.9
Producer Dog Food	26.0	29.2	4.2	6.2	5.0	3.3
GARRARD MILLS, LANCASTER, KENTUCKY						
** Big G Horse & Mule Feed	10.0	<u>8.7</u>	3.0	3.6	8.0	3.3**
GARDEN STREET MILL & ELEVATOR, LOUISVILLE, KENTUCKY						
Garden 16% Protein Dairy Feed	16.0	19.4	3.0	2.7	15.0	10.2
Garden 16% Protein Dairy Feed	16.0	18.6	3.0	3.1	15.0	10.6
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA						
Larro Surepoult Feed for Starting & Growing Turkeys	24.0	25.0	3.5	4.1	6.5	5.7
Larro Suregrow Complete H-E	16.0	17.3	3.5	3.4	5.5	5.5
Larro Poultry Surehatch Complete H-E complete feed for chicken breeder flocks	16.0	19.4	3.5	3.8	5.0	4.6
Larro Suremilk 50	50.0	51.1	.5	1.8	8.0	5.8
Larro Suremilk 20	20.0	21.7	3.0	3.0	9.0	8.9
Ben Hur Wheat Red Dog	14.5	17.5	3.0	4.7	4.0	2.2
Ben Hur Wheat Bran and Screenings	14.0	15.5	3.0	3.2	12.0	8.2
** Purity Oat Mill By-Product	3.5	3.4	1.0	1.2	30.0	<u>31.5</u>
Chief Hy-Protein Oat Feed	11.0	11.3	3.5	4.1	20.0	15.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>GERMANTOWN MILLING COMPANY, GERMANTOWN, KENTUCKY</b>						
** Mixed Feed	15.0	14.5	4.0	<u>3.3</u>	6.0	5.8**
<b>GLASGOW TRADING CENTER, GLASGOW, KENTUCKY</b>						
Check-R-Mix 20% Laying Mash	20.0	20.2	3.0	4.3	8.0	4.0
Check-R-Mix Hog Feed E	14.0	14.1	3.0	3.6	6.0	2.8
<b>GOLDENROD OIL MEAL SALES COMPANY, MEMPHIS, TENNESSEE</b>						
Golden Rod Brand 41% Protein Cottonseed Meal Prime Quality	41.0	40.6	3.0	5.5	14.0	10.3
"Hypro" Brand 43% Protein Expeller Extracted Soybean Oil Meal	43.0	48.6	3.5	3.6	7.0	5.1
<b>THE GREAT ATLANTIC &amp; PACIFIC TEA COMPANY, BROOKLYN, NEW YORK</b>						
Daily Bone Shape Dog Biscuit	22.0	27.4	3.0	3.1	3.5	2.0
<b>GREEN COUNTY MILLING COMPANY, GREENSBURG, KENTUCKY</b>						
Greenco 20% Laying Mash	20.0	21.4	3.0	3.6	6.5	4.4
** Greenco Sweet 16% Dairy Feed	16.0	17.6	2.5	3.7	10.0	<u>12.5**</u>
Very much above guaranty in fiber						
** Green County Sweet 16% Dairy Feed	16.0	18.1	2.5	4.0	10.0	<u>11.9**</u>
Greenco 16% Dairy Feed	16.0	19.0	2.5	3.6	15.0	<u>12.4</u>
** Greenco 16% Calf Ration	16.0	<u>13.9</u>	2.5	3.3	7.5	<u>7.7**</u>
Very much below guaranty in protein						
** Greenco 16% Calf Ration	16.0	15.7	2.5	3.0	7.5	<u>9.1**</u>
** Greenco 16% Hog Feed	16.0	18.3	3.0	4.2	7.0	<u>8.0**</u>
Greenco 16% Hog Feed	16.0	16.4	3.0	3.9	7.0	7.1
<b>GWINN BROTHERS &amp; COMPANY, HUNTINGTON, WEST VIRGINIA</b>						
Merit Starter & Grower Medicated	20.0	20.0	3.0	3.3	7.0	5.0
Merit Laying Mash	20.0	22.4	3.0	4.4	7.0	6.0
Sweet Acre 24% Dairy Feed	24.0	24.9	2.5	3.0	12.0	10.0
Sweet Acre 24% Dairy Feed	24.0	24.2	2.5	2.9	12.0	9.1
<b>HALES &amp; HUNTER COMPANY, CHICAGO, ILLINOIS</b>						
Red Comb Summer Broiler Starter GGG, Medicated	24.0	23.7	5.5	6.9	3.5	3.5
Red Comb Chick Starter G, Medicated	20.0	19.6	3.0	5.8	6.0	5.2
Red Comb Growing Mash G, Medicated	18.0	18.3	3.0	5.6	7.0	6.8
Red Comb Growing Mash	18.0	18.6	3.0	5.4	7.0	6.6
Red Comb Broiler Finisher GGG Medicated	22.0	23.0	4.0	5.7	4.0	3.2
Red Comb Complete Layer	17.0	19.0	3.0	4.9	5.5	5.1
Red Comb Egg Mash	20.0	21.7	3.5	4.7	6.5	6.3
Pioneer Dairy Production 18	18.0	19.7	3.0	3.3	8.0	8.3
Pioneer Pelleted Flaked 16% Dairy Feed	16.0	16.1	2.5	3.6	7.0	6.3
Lucky Dog Food	25.0	27.4	7.5	8.5	3.5	2.5
** Pioneer Greeno	12.0	13.6	1.5	1.7	18.0	<u>18.8**</u>
<b>HANCOCK &amp; FRANKLIN MILLS, LOUISVILLE, KENTUCKY</b>						
Arrow 20% Starter & Grower Mash	20.0	21.2	3.2	3.4	7.0	3.8
Arrow 20% Egg Mash	20.0	21.2	3.0	4.0	7.0	5.1
<b>HARDIN COUNTY MILLING COMPANY, ELIZABETHTOWN, KENTUCKY</b>						
** Emerson's 20% Protein Egg Mash	20.0	<u>19.1</u>	2.5	4.6	7.0	4.8**
** Valley Creek 37% Protein Hog Supplement	37.0	38.9	3.0	4.2	7.0	<u>7.6**</u>
Emerson's Sow & Pig Feed	18.0	18.2	2.5	4.0	6.0	5.2
<b>HARDY BROTHERS MILLS, WALTON, KENTUCKY</b>						
Master 18% Growing Mash	18.0	20.5	2.5	4.4	7.0	3.9
22% Hi-Calorie Egg Mash	22.0	21.7	4.5	5.3	3.5	2.7
Hardy's Special 16% Dairy Feed	16.0	16.4	2.5	3.4	9.5	6.3
Master Sow & Pig Feed	18.0	19.8	3.0	3.7	6.0	4.7
<b>THE P. H. HARSHA MILLING COMPANY, PORTSMOUTH, OHIO</b>						
Harsha's Dixie-Sweet 16% Protein Dairy Feed	16.0	16.2	3.0	2.5	12.0	9.7
** Harsha's Dixie-Sweet 16% Protein Dairy Feed	16.0	16.9	3.0	<u>2.1</u>	12.0	11.5**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY						
Magic Chick Starter	21.0	21.1	2.5	4.0	6.0	3.3
Magic Broiler Starter, Medicated	23.0	23.7	4.0	3.6	2.6	2.3
Magic Broiler Finisher, Medicated	19.5	19.3	4.0	4.2	2.6	2.1
Magic Pullet Grower	18.0	19.0	2.5	4.2	6.0	3.6
Magic Broiler Finisher, Medicated	19.5	20.6	4.0	3.8	2.6	2.2
Magic Pullet Grower, Medicated	18.0	18.5	2.5	4.0	6.0	3.7
Magic Super All Mash Laying Mash	16.0	18.3	2.5	4.2	8.0	4.3
Magic Brand 22% Laying Mash	22.0	22.6	4.5	5.2	3.5	2.7
Magic Brand 16% Sweet Dairy Feed	16.0	22.4	2.5	3.6	10.0	9.1
Magic Brand 16% Sweet Dairy Feed	16.0	19.4	2.5	2.7	10.0	10.5
Magic Brand 14% Hog Fattener	14.0	19.0	2.5	5.4	7.0	4.6
Magic Brand 14% Hog Fattener	14.0	16.8	2.5	3.9	7.0	4.9
Magic Pig & Sow Feed	16.0	19.5	2.5	5.9	6.0	5.1
Magic Broiler Finisher, Medicated	19.5	21.5	4.0	3.8	2.6	2.2
G. M. HAYCRAFT & SON, LEITCHFIELD, KENTUCKY						
** Haycraft's 20% Protein Dairy Feed	20.0	<u>19.3</u>	3.0	3.4	9.0	6.8**
Haycraft's Hog Grower	14.0	<u>15.3</u>	3.0	3.7	6.0	4.5
HEAVEN HILL DISTILLERIES, INC., BARDSTOWN, KENTUCKY						
** Corn Distillers Dried Grains	27.0	26.1	8.0	8.0	10.0	8.2
DR. HEINZ COMPANY, INC., WASHINGTON C. H., OHIO						
Heinz Nu-Way Starter & Grower Ration	18.0	18.5	3.0	5.1	6.0	5.4
Century Egg Mash	18.0	20.5	2.5	4.6	8.0	6.7
Heinz Nu-Way 22% Sweet Mixing Feed	22.0	24.3	2.5	3.3	8.5	8.2
HENDERSON FEED & COMMISSION COMPANY, HENDERSON, KENTUCKY						
Jim Dandy 40% Protein Hog Supplement	40.0	40.3	1.2	3.1	7.5	5.0
BURCH HESTER FEED STORE, HUSTONVILLE, KENTUCKY						
** Big Chief 20% Dairy Feed	20.0	<u>19.2</u>	2.5	3.0	10.0	7.9**
HICKMAN COUNTY FEED MILL, CLINTON, KENTUCKY						
** StandardBrand 40% Hog Supplement	40.0	46.0	4.0	<u>3.3</u>	8.5	7.7**
HILL PACKING COMPANY, TOPEKA, KANSAS						
Hill's Special Pack 16% Protein for Dogs & Cats	16.0	16.7	4.0	5.7	.5	.6
HODGENVILLE ROLLER MILLS, HODGENVILLE, KENTUCKY						
** Lincoln Mixed Feed	14.0	15.7	4.0	<u>3.3</u>	8.0	4.7**
HOME MILLING COMPANY, GREENVILLE, KENTUCKY						
** Happy Home 24% Dairy Feed	24.0	27.7	4.0	<u>2.4</u>	8.0	7.8**
Contained unground weed seeds						
** Happy Home 16% Sweet Dairy Feed	16.0	17.9	2.5	3.1	15.0	13.1**
Contained unground weed seeds						
** Happy Home 16% Sweet Dairy Feed	16.0	<u>15.4</u>	2.5	3.1	15.0	11.8**
** Champion 40% Hog Supplement	40.0	<u>34.3</u>	3.0	<u>1.5</u>	8.5	6.6**
Very much below guaranty in protein						
** Champion 17% Protein Pig & Sow Meal	17.0	20.6	4.0	6.6	6.0	<u>7.6**</u>
** Champion Pig Developer - Medicated for Swine Only	16.0	16.6	3.0	3.8	6.0	<u>8.1**</u>
Very much above guaranty in fiber						
** Champion Brand Mixed Feed	11.5	14.7	3.3	<u>2.5</u>	5.9	3.7**
Contained screenings						
HOPKINSVILLE MILLING COMPANY, HOPKINSVILLE, KENTUCKY						
Sunflower Wheat Brown Shorts with Screenings	15.0	16.0	3.5	4.0	7.5	7.0
IGLEHEART BROTHERS, EVANSVILLE, INDIANA						
Wheat Mixed Feed with Screenings	14.0	16.2	3.5	3.7	9.5	5.7
Wheat Bran	13.5	16.0	3.5	3.6	11.0	9.4
J. F. IMBS MILLING COMPANY, ST. LOUIS, MISSOURI						
Charm Wheat Gray Shorts with Screenings	16.0	16.3	4.0	3.5	6.0	5.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE ISMERT-HINCKE MILLING COMPANY, KANSAS CITY, MISSOURI Wheat Gray Shorts with Screenings	16.0	16.6	3.5	4.4	6.0	5.5
JONES PACKING COMPANY, PADUCAH, KENTUCKY Jones 45% Protein Tankage	45.0	45.2	10.0	18.9	4.0	2.7
KELLER HAY & GRAIN COMPANY, NEWPORT, KENTUCKY ** Big K Pig & Sow Ration Contained mixed screenings	16.0	16.0	3.5	4.9	6.0	6.8**
KENTUCKY BY-PRODUCTS CORPORATION, LOUISVILLE, KENTUCKY Dri-Molass	10.0	10.4	.8	1.9	8.0	7.8
Brewers Dried Grain (Special Process, Syrup Added)	22.0	22.5	6.0	6.0	18.0	17.7
KENTUCKY CHEMICAL INDUSTRIES, INC., CINCINNATI, OHIO ** K-C Special 50% Meat & Bone Scraps Contained poultry by-product	50.0	50.0	4.0	11.1	4.0	2.8**
F. W. KIBLER MILLING COMPANY, MT. ORAB, OHIO Kibler 20% Egg Breeder Mash	20.0	20.8	3.0	5.4	7.0	6.3
KNIFLEY FEED & SUPPLY COMPANY, ELKHORN, KENTUCKY Elk Brand 16% Dairy With Urea	16.0	17.7	3.0	2.8	10.0	10.5
Elk Brand 16% Dairy Yellow Tag	16.0	18.4	2.5	3.2	15.0	7.7
** Elk Brand 16% Dairy Yellow Tag Excess corn cobs	16.0	17.7	2.5	2.6	15.0	10.0**
H. C. KNOKE & COMPANY, CHICAGO, ILLINOIS Barley Feed	12.0	14.0	3.0	4.4	16.0	11.3
LACROSSE MILLING COMPANY, COCHRANE, WISCONSIN Pulverized White Oats	11.0	11.3	3.0	3.2	15.0	14.8
LAUHOFF GRAIN COMPANY, DANVILLE, ILLINOIS Vermillion Hominy Feed	9.0	10.0	5.0	5.0	6.0	4.7
LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY Milk Maid 24% Sweet Dairy Feed	24.0	27.1	2.5	2.1	10.0	6.3
** Economy Brand 16% Dairy Feed	16.0	18.2	2.5	1.9	15.0	11.8**
** Coon Range Brand 40% Protein Hog Supplement	40.0	43.7	3.5	1.9	7.5	5.5**
LEXINGTON ROLLER MILLS, INC., LEXINGTON, KENTUCKY Thoroughbred Starter & Grower All-Mash "20"	20.0	21.7	3.5	3.8	6.0	6.1
Thoroughbred Starter & Grower All-Mash "20"	20.0	21.7	3.5	3.6	6.0	5.5
Thoroughbred Layer Mash "20"	20.0	21.7	4.0	4.0	8.0	6.2
** Thoroughbred Scratch Feed	8.0	10.0	3.5	2.7	3.5	2.0**
Thoroughbred Scratch Feed	8.0	9.7	3.5	3.1	3.5	2.0
** Thoroughbred Scratch Feed	8.0	9.9	3.5	2.6	3.5	2.2**
Thoroughbred 24% Protein Sweet Dairy Feed	24.0	25.3	2.5	2.5	8.0	6.9
Sweet Sue 24% Protein Sweet Dairy Feed	24.0	26.9	2.5	2.5	15.0	12.0
Capitol 24% Protein Sweet Dairy Feed	24.0	26.6	2.5	2.5	10.0	7.5
Thoroughbred 20% Protein Sweet Dairy Feed	20.0	21.9	2.5	2.9	9.0	6.4
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	19.0	2.5	2.6	15.0	11.5
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	19.3	2.5	2.7	15.0	11.9
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	18.0	2.5	2.8	15.0	11.9
Bossie Brand Stock Feed	13.0	15.1	3.0	3.4	11.0	8.2
Thoroughbred Pig & Hog Ration 16	16.0	18.1	3.0	2.6	6.0	6.2
LIPSCOMB FARM SUPPLY, WALTON, KENTUCKY ** Lipscomb's 16% Dairy Contained oat hulls	16.0	16.1	2.5	3.8	10.0	10.9**
MCCAULEY BROTHERS SEED COMPANY, VERSAILLES, KENTUCKY ** McCauley's 16% Dairy Contained unground weed seeds	16.0	15.6	2.5	2.3	15.0	6.4**
** McCauley's 16% Dairy Contained unground weed seeds	16.0	15.7	2.5	2.2	15.0	6.4**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>MCKNIGHT KEATON GROCERY COMPANY, SIKESTON, MISSOURI</b>						
Radio Egg Pellets	20.0	20.8	3.0	2.7	6.5	4.9
Radio Pig & Sow Pellets	20.0	21.0	3.0	2.9	6.5	4.6
<b>MCMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>						
Master Mix Hi-Calorie Broiler Starter A (55A) Medicated	23.0	30.6	4.0	4.7	3.0	3.2
Master Mix Pullet Grower	18.0	19.3	2.5	3.0	7.0	6.3
Master Mix Sweet 16% Dairy	16.0	20.5	2.5	2.6	15.0	14.4
Master Mix Sweet 16% Dairy	16.0	23.6	2.5	2.9	15.0	12.5
Master Mix Pig-ets (52A) Medicated	17.0	18.3	3.5	5.6	3.5	2.9
Master Mix Pig-ets (52A) Medicated	17.0	17.7	3.5	4.4	3.5	2.5
<b>MAGIC FEED MILLS, PAOLI, INDIANA</b>						
** Magic 24% Protein Dairy Feed	24.0	28.8	2.5	<u>1.7</u>	15.0	8.1**
<b>MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY</b>						
Double M 17% Chick Grower, Medicated	17.0	18.4	3.5	4.0	6.0	6.1
Double M Economy Dairy Feed	16.0	19.3	2.5	3.2	14.0	7.8
Double M 40% Hog Supplement	40.0	40.5	3.0	3.8	7.0	4.6
<b>MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY</b>						
State Leader 20% Protein Chick Starting Mash	20.0	22.0	2.5	4.0	7.0	4.4
State Leader 17% Protein Calf Feed	17.0	18.9	2.5	3.3	8.0	6.4
State Leader Pig Feed Medicated	16.0	17.7	3.0	3.7	6.0	4.8
<b>THE MENNEL MILLING COMPANY, TOLEDO, OHIO</b>						
Memo Wheat Standard Middlings with Screenings	14.0	17.3	3.5	4.2	9.5	5.7
<b>MIDGET MILL, SOMERSET, KENTUCKY</b>						
White Rose 24% Dairy Feed	24.0	24.0	3.0	2.7	10.0	6.1
13% Protein Stock Feed	13.0	13.4	2.5	4.3	9.0	6.4
<b>MODEL MILLS, GEORGETOWN, KENTUCKY</b>						
Mixed Feed	13.5	15.4	4.0	4.5	8.5	5.8
<b>MODEL MILL COMPANY, INC., JACKSON, TENNESSEE</b>						
** Fortune 18% Growing Mash Contained feather meal	18.0	20.6	2.5	3.8	7.0	4.6**
<b>JOHN MORRELL &amp; COMPANY, RED HEART DIVISION, CHICAGO, ILLINOIS</b>						
Morrell Red Heart Cat Food	11.5	11.8	2.0	2.7	1.0	.7
<b>MT. VERNON MILLING COMPANY, MT. VERNON, INDIANA</b>						
Sunlite Hominy Feed	10.0	10.0	5.0	5.0	6.0	4.2
<b>MUNFORDVILLE MILLING COMPANY, MUNFORDVILLE, KENTUCKY</b>						
Purity Brand 20% Protein Laying Mash	20.0	21.0	2.5	4.0	7.0	5.6
<b>MYERS &amp; CLARK COMPANY, INC., ASHLAND, KENTUCKY</b>						
Ideal Brand 24% Protein Dairy Feed	24.0	24.0	3.0	2.7	14.0	7.0
Myers Special 24% Dairy Feed	24.0	24.1	2.5	2.3	12.0	6.7
<b>NATIONAL BISCUIT COMPANY, TOLEDO, OHIO</b>						
Namco Wheat Middlings & Screenings	14.0	16.1	3.5	4.4	9.0	6.4
<b>NATIONAL OATS COMPANY, CEDAR RAPIDS, IOWA</b>						
Red-3 Ground Oat By-Product	10.0	9.8	3.5	3.7	18.0	17.9
<b>NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS</b>						
Corno Chick Starter, Medicated	20.0	41.1	2.5	2.4	7.0	5.4
Corno Chick Starter, Medicated	20.0	21.2	2.5	4.1	7.0	5.6
Corno Broiler Starter Ration	21.0	23.9	2.5	4.2	4.7	4.1
** Corno 18% Dairy Feed Contained mixed screenings	18.0	19.7	2.5	3.4	12.0	10.7**
Corno Shoat Grower 14% Medicated	14.0	14.1	2.7	3.4	4.5	3.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS						
** Polar Bear Wheat Gray Shorts with Screenings	16.0	17.8	4.0	4.6	6.0	6.7**
** Polar Bear Wheat Gray Shorts with Screenings	16.0	16.8	4.0	4.6	6.0	6.7**
CHARLES NUNN & SONS MILLING COMPANY, EVANSVILLE, INDIANA						
Banner Sweet 16% Dairy Feed	16.0	17.2	2.5	2.6	12.5	9.5
Nunn's Big Value 35% Hog Supplement	35.0	35.2	1.5	1.7	8.5	6.5
NUTRENA MILLS, INC., MINNEAPOLIS, MINNESOTA						
Nutrena Chick Starter Medicated	20.0	20.0	2.5	3.5	7.0	5.6
Nutrena Chick Starter Medicated	20.0	20.4	2.5	3.6	7.0	5.5
Nutrena Complete Egg Ration	16.0	17.0	4.0	4.9	6.0	4.9
Sweet 6-Teen Dairy Feed (K)	16.0	19.0	2.5	2.7	15.0	11.4
Nutrena 40% Hog Concentrate	40.0	42.0	1.5	1.8	7.0	6.5
Nutrena Creep-20 Master Pig Starter Medicated	20.0	20.8	3.0	4.5	4.5	2.9
OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY						
Cardinal Creep-Ettes, Medicated	18.0	20.1	4.0	4.6	5.0	4.2
OWENSBORO GRAIN COMPANY, INC., OWENSBORO, KENTUCKY						
Ograco 44% Protein Solvent Extracted Soy Bean Oil Meal	44.0	47.1	.5	2.8	7.0	7.3
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY						
TruTest 20% Starting Mash	20.0	21.5	3.5	3.9	7.0	4.9
TruTest Laying Mash	20.0	22.2	2.5	3.6	7.0	5.1
Sugar Lassie Dairy Feed	16.0	17.6	2.5	2.6	15.0	9.1
D & H Stock Feed	13.2	15.0	3.0	3.5	8.0	5.4
TruTest 40% Hog Supplement	40.0	40.2	3.0	3.8	8.0	5.2
TruTest 40% Hog Supplement	40.0	42.5	3.0	4.3	8.0	5.3
TruTest Pig & Sow Feed	18.0	21.4	3.0	4.4	6.0	5.1
TruTest Dog Food	26.0	26.7	4.5	6.0	4.5	3.1
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY						
Bell Ringer 16% Dairy Feed	16.0	15.9	3.0	3.1	15.0	10.2
** Booster 40% Hog Supplement	40.0	37.8	2.5	2.4	7.0	8.0**
Very much below guaranty in protein						
** Sun-Ray 40% Hog Supplement	40.0	39.4	2.5	2.3	7.0	7.3**
Green Valley 35% Hog Supplement	35.0	34.5	2.5	4.0	7.0	6.5
Mixed Feed	11.0	11.9	4.0	6.1	8.0	6.4
PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY						
Paramount 20% Protein Egg Mash	20.0	20.9	2.5	3.3	8.0	4.9
PATTERSON & GUTHRIE, HARRODSBURG, KENTUCKY						
12% Dairy Feed (To be used with high protein legume pasture, hay or ensilage)	12.0	15.4	2.5	3.2	8.0	6.1
PET FOOD PACKERS, WASHINGTON C. H., OHIO						
Rowdy Dog Food	10.0	10.4	1.5	1.3	1.5	1.4
PILLSBURY MILLS, INC., CLINTON, IOWA						
Pillsbury's Best Chick Pre-Starter Medicated	25.0	26.7	5.0	6.2	4.0	2.9
Pillsbury's Best Starter & Grower (F1) Medicated	18.0	20.3	3.0	3.6	6.5	6.1
Pillsbury's Best Starter & Grower (F1) Medicated	18.0	19.9	3.0	4.2	6.5	6.3
Pillsbury's Best Starter & Grower (F1) Medicated	18.0	18.0	3.0	4.1	6.5	5.1
Pillsbury's Best Starter & Grower (F1) Medicated	18.0	18.2	3.0	3.8	6.5	5.4
Pillsbury's Best Starter & Grower	18.0	17.6	3.0	3.9	6.5	5.4
Pillsbury's Best Nitrofurazone and Furazolidone Mixture incorporated with						
Pillsbury's Best Starter & Grower	18.0	18.0	3.0	4.1	6.5	4.7
Pillsbury's Best 4X Broiler Finisher (AG3) (High Calorie) Medicated	20.0	22.0	5.5	6.8	4.0	2.5

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>PILLSBURY MILLS, INC., CLINTON, IOWA (Con't)</b>						
Pillsbury's Best Pullet Developer	15.0	17.1	3.5	4.2	7.0	5.6
Pillsbury's Champion Egg Producer	20.0	22.2	3.0	3.2	8.0	8.3
Pillsbury's Champion Egg Producer	20.0	21.5	3.0	3.5	8.0	8.2
Pillsbury's Best 32% Dairy Concentrate	32.0	32.9	1.5	2.1	8.0	5.5
Pillsbury's Best 20% Dairy Feed	20.0	22.3	2.5	2.9	9.0	5.7
Pillsbury's Best 16% Dairy Feed	16.0	19.0	2.5	3.5	9.0	6.4
Pillsbury's Best 16% Dairy Feed	16.0	18.9	2.5	3.4	9.0	5.4
Pillsbury's Best Calf Ration	19.0	20.8	2.5	2.6	9.0	7.4
Pillsbury's Best Calf Ration	19.0	20.8	2.5	3.0	9.0	6.9
Pillsbury's Best 20% Cattle Cubes	20.0	19.7	2.5	3.4	10.0	4.8
Pillsbury's Best Horse Breeder Special	11.0	13.5	2.5	3.9	9.0	6.6
Pillsbury's Best Shoat Developer (HA8) Medicated	15.0	19.1	4.5	4.0	5.5	5.2
Pillsbury's Best Sow Ration	15.0	17.0	3.0	4.3	8.0	7.5
Pillsbury's Best Sow Ration	15.0	14.5	3.0	3.9	8.0	6.5
Pillsbury's Best Pork Producer	14.0	16.2	3.5	4.5	6.0	4.2
** Pillsbury's Best Hog Finisher	12.0	14.2	5.5	4.8	6.0	4.7**
Pillsbury's Best Rabbit Pellets	16.0	17.0	2.5	3.0	16.0	13.4
<b>PLANTERS MANUFACTURING COMPANY, CLARKSDALE, MISSISSIPPI</b>						
41% Protein Solvent Extracted Cottonseed Meal with added Hydrolized Cottonseed Oil	41.0	41.4	2.0	1.5	14.0	10.2
<b>QUAKER OATS COMPANY, CHICAGO, ILLINOIS</b>						
Ful-O-Pep Super Broiler Concentrate (A5Q4) L Medicated	43.0	42.9	10.0	9.8	3.5	2.6
Ful-O-Pep Chick Starter L	20.0	21.8	3.5	4.5	6.5	6.1
Ful-O-Pep Starter -Grower Ration	18.0	20.4	2.5	4.1	8.0	6.6
Ful-O-Pep 20% Broiler Mash (AQ)L Medicated	20.0	20.8	4.5	5.3	4.0	2.4
Ful-O-Pep Sweet 16% Dairy Feed	16.0	17.5	2.5	2.4	15.0	12.7
Ful-O-Pep 0.0011% Diethylstilbestrol Mixture in Ful-O-Pep 40% Cattle Concentrate	40.0	41.2	2.0	1.9	12.0	8.7
Ful-O-Pep Horse Feed	11.0	13.4	3.0	3.6	8.5	7.1
Ful-O-Pep Pig Grower (KP) Medicated	16.0	18.1	3.0	3.4	5.0	5.5
Quaker Sugared Schumacher Feed L	12.0	16.1	2.5	3.7	12.0	8.8
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI</b>						
Purina Turkey Startena	28.0	29.8	3.0	3.6	5.5	5.1
Purina Broiler Chow Finisher (B) 3 NC #2 Medicated	23.0	24.2	8.0	9.8	3.5	2.8
Purina Super Chick Startena 3 NC, Medicated	23.0	25.9	4.5	5.6	4.0	3.6
** Purina Super Chick Startena 3 Medicated	23.0	23.8	4.5	5.5	4.0	4.7**
Purina Super Chick Startena Medicated	23.0	23.3	4.5	5.2	4.0	4.2
Purina Super Chick Startena Medicated	23.0	22.7	4.5	5.3	4.0	3.6
Purina Super Chick Startena Medicated	23.0	24.1	4.5	5.3	4.0	3.9
Purina Chick Growena	17.0	16.8	3.0	4.2	7.0	5.3
Purina Chick Growena B	17.0	17.9	3.0	3.9	7.0	4.3
Purina Chick Growena B	17.0	18.0	3.0	5.5	7.0	4.1
Purina Broiler Chow Starter (B) 3 NC Medicated	26.0	26.7	8.0	8.0	4.0	3.6
** Purina Broiler Chow Finisher B Medicated	23.0	22.1	8.0	8.4	3.5	4.7**
Purina Broiler Chow Finisher B Medicated	23.0	23.1	8.0	8.6	3.0	3.0
Purina Broiler Chow Finisher B Medicated	21.0	22.6	7.0	10.2	3.5	3.1
Purina Flock Chow	18.0	19.4	3.5	4.5	7.0	5.6
Purina Cage Layena (Complete Ration) T	17.0	17.5	6.0	6.7	4.5	3.7
Purina Layena (Complete Ration) T	16.0	16.7	3.5	4.2	5.5	4.1
Purina Layena (Complete Ration)	16.0	16.3	3.5	5.0	5.5	4.3
Purina Egg Chow T	20.0	19.9	3.5	4.1	7.0	4.8
Purina Super Game Bird Startena	30.0	32.5	3.0	3.2	6.5	5.7
Purina Hen Chow	9.0	9.7	2.0	5.2	5.0	4.0
Check-R-Mix 24% Dairy Feed A	24.0	24.2	2.5	2.7	11.0	6.5
Dairy Chow 16	16.0	18.5	2.5	2.1	15.0	11.2
Purina Dairy Chow 16%	16.0	18.1	2.5	2.2	15.0	12.1
Purina Milk Chow F	16.0	16.2	2.5	3.1	10.0	8.2
Purina Milk Chow (Special) O	16.0	16.8	2.5	2.4	8.0	3.7
Purina Milk Chow (Special) D	16.0	17.6	2.5	3.1	8.0	3.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Con't)						
Purina Special Steer Fatena 32%	32.0	34.8	2.0	2.5	12.0	6.9
Purina Pig Growena T Medicated	16.0	16.1	2.5	3.2	6.0	3.3
Purina Pig Growena T Medicated	16.0	16.7	2.5	3.5	6.0	3.1
Purina Hog Fatena Medicated	14.0	14.9	2.5	4.0	7.0	3.6
Purina Bulky Las	10.0	11.6	1.5	1.4	15.0	13.1
REELFOOT ALFALFA MILL, TIPTONVILLE, TENNESSEE						
17% Alfalfa Meal-Dehydrated	17.0	18.2	1.5	2.6	27.0	22.9
RENFRO SUPPLY COMPANY, WILLIAMSBURG, KENTUCKY						
Renfro 24% Dairy Feed	24.0	24.7	2.5	5.5	10.0	5.8
ROBERTS BROTHERS, BURLINGTON, KENTUCKY						
Unique 18% Protein Egg Mash	18.0	20.0	3.0	2.9	7.0	5.6
ROBBINS BROTHERS, AUBURN, KENTUCKY						
Hominy Feed	10.0	10.0	7.0	6.6	8.0	6.2
ROBINSON MILLING COMPANY, INC., SOMERSET, KENTUCKY						
** Sun-Ray 20% Starting & Growing Mash Medicated	20.0	21.1	3.6	3.7	7.0	6.0**
Contained corn screenings						
Sun-Ray 20% Starting & Growing Mash Medicated	20.0	20.2	3.5	3.5	7.0	6.4
Sun-Ray 20% Egg Mash	20.0	22.3	3.5	3.0	7.0	6.0
Sun-Ray Scratch Feed	9.0	8.7	3.0	2.8	3.5	1.7
Happy Home 16% Sweet Dairy Feed	16.0	18.1	3.0	3.0	15.0	12.3
Booster Hog Feed	17.0	18.4	3.5	5.0	8.0	4.7
ROSS FEED COMPANY, MURRAY, KENTUCKY						
Standard Laying Breeder All Mash Ration	20.0	22.6	3.5	3.5	8.0	6.0
RUSSELLS COMPANY, HILLIARDS, OHIO						
** Russell's 262 Brand 24% Dairy Feed	24.0	<u>22.0</u>	2.5	<u>1.9</u>	15.0	8.9**
Very much below guaranty in protein						
** Russell's 262 Brand 24% Dairy Feed	24.0	<u>20.9</u>	2.5	2.4	15.0	10.0**
Very much below guaranty in protein						
Russell's 262 Brand 16% Dairy Feed	16.0	17.0	2.5	4.6	15.0	12.7
SALYERSVILLE WHOLESALE COMPANY, SALYERSVILLE, KENTUCKY						
Quick Starter & Grower	20.0	21.7	3.5	3.3	5.0	4.9
SANDUSKY BROTHERS, HARRODSBURG, KENTUCKY						
Mixed Feed	13.0	15.1	3.0	4.5	8.0	6.8
Mixed Feed	13.0	15.0	3.0	3.9	8.0	6.6
THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI						
Gristo Chick Starter Crumbles - Medicated	20.0	21.7	3.0	3.2	7.0	5.3
Gristo Chick Grower Crumbles, Medicated	18.0	19.4	3.0	3.5	7.0	5.5
SHIVELY FEED & SEED, COLUMBIA, KENTUCKY						
Shively's Blue Ribbon 16% Dairy	16.0	18.5	2.5	3.2	9.0	6.2
W. J. SMALL COMPANY, DIV. ARCHER-DANIELS-MIDLAND COMPANY, KANSAS CITY, MISSOURI						
17% Dehydrated Alfalfa Meal 1% Animal Fat						
Preserved with Propylene Glycol, Butylated						
Hydroxyanisole, Propyl Gallate	17.0	17.8	1.7	4.1	27.0	24.0
SOUTHERN STATES CRITENDEN COOPERATIVE, MARION, KENTUCKY						
40% Hog Producer	40.0	43.3	3.5	3.8	5.0	4.4
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI						
Professional Grower Atoms Medicated	18.0	19.8	2.5	3.7	7.0	7.2
A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS						
Staley-Arcady Hi-Pro Steer	30.0	31.2	1.5	1.9	11.0	7.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>STURGIS MILLING COMPANY, STURGIS, KENTUCKY</b>						
Neva-Fail Brand 20% Starting Mash	20.0	21.0	2.5	3.2	7.0	6.5
Neva-Fail Brand Growing Mash	18.0	18.0	2.5	3.5	6.0	6.1
** Neva-Fail Brand 18% Protein All Mash						
Laying Ration	18.0	<u>17.4</u>	3.5	4.0	7.0	7.3**
<b>SUMMER SHADE ROLLER MILLS, SUMMER SHADE, KENTUCKY</b>						
Summer Shade 20% Starter & Grower	20.0	21.5	2.5	3.0	7.0	3.5
Egg Laying Mash	20.0	20.4	2.5	3.3	8.0	4.3
Summer Shade 16% Dairy Feed	16.0	16.0	2.5	2.6	10.0	6.1
Summer Shade 14% Hog Fattener	14.0	15.6	3.0	4.4	8.0	3.3
<b>SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY</b>						
Sun-Ray 20% Starting & Growing All Mash	20.0	19.7	3.5	3.4	7.0	5.5
Sun-Ray 20% Starting & Growing All Mash	20.0	20.0	3.5	3.5	7.0	5.5
Green Valley 16% Dairy Feed	16.0	16.5	3.0	4.6	15.0	8.8
Booster Brand 16% Stock Feed	16.0	18.7	3.5	4.5	9.0	6.5
Booster Brand 18% Protein Pig & Hog Feed	18.0	18.0	4.0	5.1	7.0	4.9
<b>SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY</b>						
Sun-Ray 20% Starting & Growing Mash	20.0	21.5	3.5	3.8	7.0	5.3
** Booster Starting & Growing Mash	20.0	21.5	3.5	3.9	7.0	6.0**
Contained unground weed seeds						
Booster 20% Laying Mash	20.0	22.5	3.5	3.9	7.0	5.6
Booster 20% Laying Mash	20.0	22.6	3.5	3.6	7.0	5.7
** Green Valley 24% Dairy Feed	24.0	29.7	2.5	2.2	10.0	5.9**
0.14% excess non-protein nitrogen from urea						
Contained mixed screenings						
** Sugar Creek 16% Dairy Feed	16.0	22.7	2.5	2.6	10.0	6.5**
Contained mixed screenings						
Green Valley 16% Dairy Feed	16.0	18.8	2.5	2.7	10.0	7.4
** Green Valley 16% Dairy Feed	16.0	19.1	2.5	3.3	10.0	5.8**
Contained unground weed seeds						
** Kow Kandy 16% Dairy Feed	16.0	22.3	3.0	<u>2.3</u>	15.0	8.4**
** Sun-Ray 14% Steer Feed (For steers on winter pasture)	14.0	17.9	2.5	<u>1.2</u>	17.0	11.4**
<b>SUNSHINE BISCUITS, INC., GRAFTON, OHIO</b>						
UMC Wheat Middlings (with screenings)	14.0	16.8	3.5	4.3	9.5	6.8
<b>SUNSHINE BISCUITS, INC., AUSTIN DOG FOOD DIVISION, NEW YORK, NEW YORK</b>						
Austin's Dog Temp-Tease	28.0	29.0	3.0	3.3	5.0	1.6
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>						
Supreme Brand H. E. 20% Protein Starter & Grower	20.0	24.0	3.5	4.4	5.5	4.8
Supreme Brand H. E. 20% Protein Laying Mash	20.0	19.7	3.5	3.5	5.5	4.2
Supreme Brand H. E. 20% Protein Laying Mash	20.0	21.9	3.5	3.9	5.5	4.4
Supreme Brand H. E. 20% Protein Laying Mash	20.0	20.5	3.5	3.1	5.5	4.0
Supreme 45% Dairy Concentrate	45.0	48.4	2.0	4.4	9.0	5.2
Supreme 45% Dairy Concentrate	45.0	46.0	2.0	2.6	9.0	4.9
Supreme 45% Dairy Concentrate	45.0	44.7	2.0	2.2	9.0	4.3
Premo Brand 24% Dairy Feed	24.0	25.6	2.5	4.8	12.5	9.6
Premo Brand 24% Dairy Feed	24.0	25.2	2.5	4.1	12.5	10.6
** Premo Brand 24% Dairy Feed	26.0	25.5	2.5	2.9	12.5	11.9**
Contained corn cobs						
Premo Brand 24% Dairy Feed	24.0	24.8	2.5	3.6	12.5	10.3
Supreme Special 20% Protein Dairy Feed	20.0	20.9	3.5	3.6	10.0	10.1
** Supreme Special 20% Protein Dairy Feed	20.0	<u>18.1</u>	3.5	3.0	10.0	7.7**
Feeders Pride 16% Protein Dairy Feed	16.0	20.0	2.5	4.1	15.0	13.5
** Feeders Pride 16% Protein Dairy Feed	16.0	22.6	2.5	3.8	15.0	12.7**
1.46% excess non-protein nitrogen from urea						
Feeders Pride 16% Protein Dairy Feed	16.0	17.1	2.5	4.1	15.0	10.1
Premo Brand Stock Feed	14.0	17.0	3.5	6.0	9.0	4.5
** Drummer Boy 40% Hog Supplement	40.0	49.6	3.5	4.0	8.0	6.9**
Contained feather meal						
Premo Brand 40% Protein Hog Supplement						
Medicated	40.0	39.9	3.0	3.0	7.0	5.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SUPREME MILLS, GLASGOW, KENTUCKY (Con't)						
Supreme Brand 17½% Protein Pig & Hog Feed Medicated	17.5	17.7	3.0	4.0	6.0	3.8
Supreme Brand 15% Protein Hog Fattening Feed Medicated	15.0	18.1	3.5	3.8	6.0	3.7
D. B. SUTHERLAND & SONS, BLOOMFIELD, KENTUCKY						
Ky. Star 20% Protein Starter & Grower	20.0	20.3	3.5	4.5	6.0	5.3
Ky. Star Special 24% Dairy Feed	24.0	24.3	2.5	3.5	10.0	5.6
Ky. Star Special 16% Dairy Feed	16.0	16.5	2.5	2.7	10.0	5.2
Ky. Star 15% Protein Hog Feed	15.0	16.5	3.5	4.9	7.0	6.4
Ky. Star Brand Farm Feed	13.5	16.4	3.5	3.3	8.0	5.2
SWIFT & COMPANY, MEMPHIS, TENNESSEE						
Swift's 44% Protein Solvent Extracted Soybean Oil Meal	44.0	43.7	.5	.5	7.0	6.4
Swift's Chick Starter, Medicated	20.0	20.1	5.5	6.6	4.5	4.6
Swift's Sulfaquinolone Mixture with Swift's Chick Starter	20.0	19.7	5.5	6.7	6.5	4.5
Swift's .0015% Diethylstilbestrol Mix and Rumen Organism Mix incorporated in Swift's Cattle Primer	32.0	32.3	2.5	3.1	8.5	8.1
T & H FEED SERVICE, LEBANON, KENTUCKY						
Marco 16% Dairy Feed	16.0	19.8	2.5	2.7	12.0	10.6
TABOR HATCHERY & BUILDING SUPPLY COMPANY, COLUMBIA, KENTUCKY						
** Tabor Layer-Grower Concentrate	38.0	37.5	3.0	<u>1.7</u>	7.0	7.5**
Tabor 16% Dairy Feed	16.0	18.0	2.5	<u>2.7</u>	10.0	6.3
** Tabor's Pig & Hog Fattener	14.0	<u>13.0</u>	3.0	4.1	8.0	3.6**
TARTER'S FEED MILL, LIBERTY, KENTUCKY						
** Sure-Good Brand Hog Fattener	14.0	18.1	3.0	<u>2.4</u>	6.0	3.2**
TAYLOR COUNTY FEED COMPANY, CAMPBELLSVILLE, KENTUCKY						
Economy Brand 20% Egg Mash	20.0	19.7	3.0	3.4	8.0	4.1
Economy Brand Pig & Sow Feed	17.0	17.7	3.0	3.0	6.0	4.3
THURMOND'S MILLS, MURRAY, KENTUCKY						
Thurmond's 16% Dairy Feed	16.0	17.5	2.5	3.1	10.0	8.7
TRENTON COTTON OIL COMPANY, TRENTON, TENNESSEE						
Trenton Brand 41% Protein Cottonseed Meal Prime Quality	41.0	41.9	4.0	4.0	14.0	10.0
TRENTON MILLING COMPANY, TRENTON, ILLINOIS						
Easter Lily Wheat Gray Shorts and Screenings	16.0	17.2	4.0	4.1	6.0	6.1
TRI-STATE MILLS, KENOVA, WEST VIRGINIA						
24% Daisy Dairy	24.0	23.7	2.5	3.3	12.0	9.3
USEN CANNING COMPANY, BOSTON, MASSACHUSETTS						
Tabby - All Fish-Cat Food	16.0	17.1	.3	1.2	.3	.1
WEISENBERGER MILLS, MIDWAY, KENTUCKY						
** Repeater Hominy Feed	9.0	8.6	5.0	<u>4.2</u>	6.0	5.8**
WEST TENNESSEE SOYA MILLS, INC., TIPTONVILLE, TENNESSEE						
44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.6	.5	.9	7.8	5.6
44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.1	.5	.8	7.8	6.5
MARTHA WHITE MILLS OF WEST VIRGINIA, HUNTINGTON, WEST VIRGINIA						
Fortune 20% Laying Mash	20.0	20.4	2.5	4.3	7.0	7.2
Fortune 24% Dairy Feed	24.0	24.1	2.5	2.2	10.0	7.4
Fortune 24% Dairy Feed	24.0	23.6	2.5	2.3	10.0	6.6

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MARTHA WHITE MILLS OF WEST VIRGINIA, HUNTINGTON, Fortune 20% Dairy Feed	20.0	20.0	2.5	2.7	10.0	7.3
WEST VIRGINIA (Con't)						
WILLIAMSTOWN ROLLER MILLS, WILLIAMSTOWN, KENTUCKY						
Standard Mix Dairy	16.0	16.5	2.5	3.7	10.0	7.6
Beef Cattle Feed	9.0	10.6	1.0	3.0	22.0	10.4
** Our Own 16% Protein Pig & Sow Meal	16.0	15.7	4.0	<u>3.2</u>	6.0	3.2**
WINGO FEED & SUPPLY COMPANY, WINGO, KENTUCKY						
Wingo Special 16% Dairy Feed	16.0	17.6	2.5	2.7	10.0	7.1
Wingo Special 18% Pig & Sow Feed	18.0	20.3	4.0	3.9	6.0	5.1
WINN & TOBIN MILLING COMPANY, MARION, KENTUCKY						
Daisy 40% Protein Starter & Grower	20.0	22.9	2.5	3.6	7.0	6.2
Daisy 20% Protein Laying Mash	20.0	19.6	3.0	3.6	8.0	6.7
Corn & Cob Meal	7.0	7.7	3.0	3.2	8.0	7.2
WINN MILLING COMPANY, GREENSBURG, KENTUCKY						
Daisy 20% Protein Starter & Grower	20.0	22.1	3.0	3.0	7.0	5.8
Daisy 20% Dairy Feed	20.0	20.8	2.5	3.0	15.0	10.9
** Daisy 16% Protein Dairy Feed	16.0	16.9	2.5	2.2	15.0	<u>16.6**</u>
** Daisy 16% Protein Dairy Feed	16.0	17.1	2.5	<u>1.8</u>	15.0	<u>16.8**</u>
Daisy 17% Protein Pig & Sow Meal	17.0	16.9	3.0	3.1	6.0	5.2
WOODFORD SPEARS & SONS, PARIS, KENTUCKY						
Bourbon 20% Chick Starter	20.0	22.5	3.0	3.2	7.0	5.0
Bourbon 14½% Protein Sheep Feed	14.5	15.1	3.0	2.9	10.0	5.1
NORMAN A. WRIGHT, CHANDLER, INDIANA						
Wright's 42% Protein Feeding Tankage	42.0	43.8	14.0	14.4	3.0	2.0
YOPP SEED COMPANY, PADUCAH, KENTUCKY						
Yopp's Hen Feed	9.0	11.2	3.0	3.0	3.0	2.6

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