

Regulatory Bulletin 117

October, 1954

**Quarterly Report**  
on  
**Official Feed Samples Analyzed**

by the

**FEED AND FERTILIZER DEPARTMENT**  
**KENTUCKY AGRICULTURAL EXPERIMENT**  
**STATION**

July, August, and September, 1954



Kentucky Agricultural Experiment Station  
University of Kentucky  
Lexington

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## VITAMIN A ANALYSIS OF ALFALFA MEAL

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MANUFACTURER, BRAND & REMARKS	U.S.P. Units of Vitamin A Per Pound
ALLIED MILLS, CHICAGO, ILLINOIS Wayne 17% Dehydrated Alfalfa Meal	29,155
BREMCO ALFALFA MILLS, NEW BREMEN, OHIO Medogreen Alfalfa Meal	97,628
H. E. CLARK & CO., WINFIELD, KANSAS Hecco 17% Dehydrated Alfalfa Meal	64,974
CLAY CENTER ALFALFA DEHYDRATING PRODUCTS CO., CLAY CENTER, KANSAS 17% Dehydrated Alfalfa Meal	55,145
REELFOOT ALFALFA MILL, TIPTONVILLE, TENN. 17% Dehydrated Alfalfa Meal	61,309

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

## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
<b>AUBREY &amp; COMPANY, LOUISVILLE, KENTUCKY</b>			
Nitrophenide in Red "A" 20% All Mash Starter & Grower	Nitrophenide	0.0125	0.0094
Aubrey's Red "A" High Energy Broiler Ration Crumbles	Nitrophenide Arsanilic Acid	0.0125 0.0085	0.0158 0.0105
Arsanilic Acid and Nitrophenide in Red "A" H. E. 20% Broiler Ration	Arsanilic Acid Nitrophenide	0.0085 0.0125	0.0101 0.0125
Arsanilic Acid in Red "A" H. E. 20% Broiler Ration	Arsanilic Acid	0.0085	0.0105
Nitrophenide in Aubrey's Red "A" Broiler Finisher	Nitrophenide	0.0125	0.0142
Nitrophenide in Aubrey's Red "A" Broiler Finisher	Nitrophenide	0.0125	0.0146
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>			
Sulfaquinoxaline in Happy Farmer 18% Starter & Grower	Sulfaquinoxaline	0.0125	0.009
<b>CLIFTY FALLS MILLS, MADISON, INDIANA</b>			
Nitrophenide in Clifty Falls 20% Broiler Mash	Nitrophenide	0.0125	0.008
<b>COOPERATIVE MILLS, CINCINNATI, OHIO</b>			
Nitrophenide & Arsanilic Acid in Broiler Maker	Nitrophenide Arsanilic Acid	0.0125 0.0099	0.024 0.0101
Nitrophenide & Arsanilic Acid in Broiler Maker	Nitrophenide	0.0125	0.0178
Nitrophenide in Broiler Maker Finisher	Nitrophenide	0.0125	0.014
<b>DIXIE MILLS COMPANY, E. ST. LOUIS, ILLINOIS</b>			
Nitrophenide in Dixie Pullet Grower	Nitrophenide	0.0185	0.0114
<b>THE EARLY &amp; DANIEL COMPANY, CINCINNATI, OHIO</b>			
Nitrofurazone in Tuxedo Starter, Grower & Developer	Nitrofurazone	0.0055	0.0033
Nitrofurazone in Tuxedo Starter, Grower & Developer	Nitrofurazone	0.0055	0.0035
Nitrofurazone in Tuxedo Starter, Grower & Developer	Nitrofurazone	0.0055	0.0034
Nitrofurazone in Tuxedo Starting & Growing All Mash	Nitrofurazone	0.0055	0.0075
Nitrofurazone in Tuxedo Starting & Growing All Mash	Nitrofurazone	0.0055	0.0048
Nitrofurazone in Tuxedo Broiler Finisher Mash	Nitrofurazone	0.0055	0.0044
Nitrofurazone in Tuxedo Finisher Mash	Nitrofurazone	0.0055	0.0025
Nitrofurazone in Tuxedo Finisher Mash	Nitrofurazone	0.0055	0.0021

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## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
<b>HALES &amp; HUNTER COMPANY, CHICAGO, ILLINOIS</b>			
Red Comb Nitrophenide & Arsanilic Acid Mixed in Red Comb Broiler Ration	Nitrophenide	0.02	0.0185
	Arsanilic Acid	0.0099	0.0099
<b>OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY</b>			
Nitrophenide & 3-Nitro-4-Hydroxyphenyl- larsonic Acid in Tru Test 20% Starting Mash	Nitrophenide	0.125	0.0078
<b>PILLSBURY MILLS, CLINTON, IOWA</b>			
Nitrofurazone & Arsanilic Acid in Pillsbury's Best XXXX Broiler Mash	Nitrofurazone	0.005	0.0032
	Arsanilic Acid	0.01	0.0109
Nitrofurazone & Arsanilic Acid in Pillsbury's Best Broiler Mash	Nitrofurazone	0.005	0.0031
	Arsanilic Acid	0.01	0.0099
<b>THE QUAKER OATS CO., CHICAGO, ILLINOIS</b>			
Nitrophenide & Arsanilic Acid in Ful-O-Pep 22% Broiler Mash	Nitrophenide	0.025	0.0135
	Arsanilic Acid	0.0095	0.0124
Nitrophenide & Arsanilic Acid in Ful-O-Pep 22% Broiler Mash	Nitrophenide	0.025	0.0113
	Arsanilic Acid	0.0095	0.0115
Nitrophenide & Arsanilic Acid in Ful-O-Pep 15% Broiler Finisher	Nitrophenide	0.025	0.0151
	Arsanilic Acid	0.0095	0.0109
<b>RALSTON PURINA CO., ST. LOUIS, MISSOURI</b>			
3-Nitro-4-Hydroxyphenylarsonic Acid & Nitrophenide in Purina Broiler Chow Starter	Nitrophenide	0.02	0.018
3-Nitro-4-Hydroxyphenylarsonic Acid & Nitrophenide in Purina Chow Finisher	Nitrophenide	0.02	0.0
<b>STANDARD FEED MILLING CO., ATLANTA, GEORGIA</b>			
Nitrophenide in Super Quantity All Mash Foundation Diet	Nitrophenide	0.0125	0.1370
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>			
Sulfaquinoxaline & Arsanilic Acid in Supreme H.E. Broiler Ration	Sulfaquinoxaline	0.015	0.009
	Arsanilic Acid	0.0099	0.0089
<b>UBIKO MILLING CO., CINCINNATI, OHIO</b>			
Nitrofurazone in Life Guard Broiler Finisher	Nitrofurazone	0.0055	0.0037

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
<b>ALLIED MILLS, CHICAGO, ILLINOIS</b>		
Wayne 42% Dairy Mixing Supplement	17.50	14.40
Wayne 42% Dairy Mixing Supplement	17.50	16.00
<b>AUBREY &amp; CO., LOUISVILLE, KENTUCKY</b>		
Red "A" 32% Dairy Supplement	10.48	8.70
Red "A" 24% Dairy Feed	7.86	7.30
Red "A" 24% Dairy Feed	7.86	7.20
Red "A" 20% Dairy Feed	7.28	6.80
Red "A" 20% Dairy Feed	6.55	4.70
Red "A" 18% Dairy Feed	5.24	6.10
Red "A" 18% Dairy Feed	5.24	4.50
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>		
Harrison's Nat-Ur-Way 24% Dairy Feed	7.87	8.00
Harrison's Nat-Ur-Way 18% Dairy Feed	5.24	6.30
<b>BEAVER DAM MILLING CO., BEAVER DAM, KENTUCKY</b>		
Eureka 16% Dairy Feed (With Urea)	5.24	4.10
Sweet Miss 16% Dairy Feed (With Urea)	5.24	5.60
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>		
O.K. 24% Dairy Feed	7.86	6.10
O.K. 16% Dairy Feed	2.62	3.30
O.K. 16% Dairy Feed	2.62	2.20
O.K. 16% Dairy Feed	2.62	3.50
O.K. 16% Dairy Feed	2.62	3.50
O.K. 16% Dairy Feed	2.62	2.60
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>		
Happy Farmer 24% Dairy Feed	5.90	5.40
Magnolia 24% Dairy Feed	8.00	8.00
Happy Farmer 20% Dairy Feed	5.24	6.00
Magnolia 20% Dairy Feed	3.93	4.40
Happy Farmer 16% Dairy Feed	3.93	5.50
Happy Farmer 16% Dairy Feed	3.93	4.30
Magnolia 16 1/2% Dairy Feed	3.93	4.00
<b>CADIZ MILLING COMPANY, CADIZ, KENTUCKY</b>		
Sunbeam 24% Dairy Feed	7.87	7.50
Sugar Sweet Dairy Feed	5.24	5.80
<b>CARLISLE MILL &amp; SUPPLY CO., CARLISLE, KENTUCKY</b>		
Old Kentucky 16% Dairy Feed	1.45	2.00
<b>CLINTON MILLING CO., CLINTON, KENTUCKY</b>		
Climco 16% Dairy Feed	5.24	3.00

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
COOPERATIVE MILLS, CINCINNATI, OHIO		
32% Dairy Supplement	11.00	7.40
32% Dairy Supplement	11.00	9.50
16% Utility Dairy	3.25	3.90
16% Utility Dairy	3.25	2.50
16% Utility Dairy	3.25	2.90
16% Utility Dairy	3.25	2.80
DEARBORN MILLS, AURORA, INDIANA		
Dearborn Sweet 24% Dairy	6.60	5.90
Dearborn Sweet 16% Dairy	6.00	5.10
THE EARLY & DANIEL CO., CINCINNATI, OHIO		
Tuxedo Special 24% Dairy Feed	6.00	4.50
Tuxedo Special 24% Dairy Feed	6.00	1.70
Eadan 24% Dairy	6.00	5.80
Eadan 24% Dairy	6.00	3.70
Tuxedo Special 20% Dairy	4.89	3.40
Tuxedo Special 20% Dairy	4.89	4.50
Tuxedo 16% Dairy Feed	3.93	1.80
Tuxedo 16% Dairy Feed	3.93	3.30
Tuxedo 16% Dairy Feed	3.93	2.60
Tuxedo 16% Dairy Feed	3.93	2.60
Tuxedo 16% Dairy Feed	3.93	3.10
Tuxedo Big "A" Steer Supplement	10.60	10.40
JOHN W. ESHELMAN & SONS, LANCASTER, PA.		
Red Rose 32% Dairy Supplement	7.86	8.20
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY		
Feeders Friend 32% Steer Supplement	7.00	13.20
FERNCLIFF FEED & GRAIN CO., LOUISVILLE, KENTUCKY		
Cracker Jack 32% Dairy Supplement	10.48	10.90
Ferncliff 24% Dairy Feed	7.86	8.40
Ferncliff 24% Dairy Feed	7.86	9.10
Sweet 16% Dairy Feed	4.40	2.50
16% Dairy Feed	4.40	1.10
HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY		
Blue Grass 33% Dairy Concentrate	8.75	11.60
Blue Grass 33% Dairy Concentrate	8.75	10.80
Blue Grass 33% Dairy Concentrate	8.75	10.30
Blue Grass 24% Dairy Feed	6.10	7.30
Blue Grass 24% Dairy Feed	6.10	7.80
Blue Grass 24% Dairy Feed	6.10	5.40
Producer 24% Dairy Feed	6.56	9.30
Producer 24% Dairy Feed	6.56	7.40
Producer 24% Dairy Feed	6.56	7.30

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MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY (Con't)		
Blue Grass 20% Dairy Feed (With Urea)	6.60	7.00
Blue Grass 20% Dairy Feed (With Urea)	6.60	7.10
Blue Grass 20% Dairy Feed (With Urea)	6.60	7.40
Blue Grass 20% Dairy Feed (With Urea)	6.60	7.90
Blue Grass 20% Dairy Feed (With Urea)	6.60	7.60
Blue Grass 16% Dairy Feed	5.83	5.90
Producer 16% Dairy Feed	5.24	6.10
Producer 16% Dairy Feed	5.24	5.90
Producer 16% Dairy Feed	5.24	7.00
Producer 16% Dairy Feed	5.24	6.30
Producer 16% Dairy Feed	5.24	6.70
Producer 16% Dairy Feed	5.24	6.30
Producer 16% Dairy Feed	5.24	5.50
Producer 16% Dairy Feed	5.24	5.00
GAINER MILLS INC., SPRINGFIELD, ILLINOIS		
Gainer Economy Dairy Feed	5.30	4.70
GARDEN STREET MILL & ELEVATOR, LOUISVILLE, KENTUCKY		
Garden 16% Dairy Feed	5.00	6.00
GENERAL MILLS INC., MINNEAPOLIS, MINN.		
Larro Suremilk 33% Concentrate	11.00	11.10
GOLDCAMP MILL CO., IRONTON, OHIO		
Milco White Brand 24% Dairy Feed	6.00	7.60
GREENUP MILLING CO., GREENUP, KENTUCKY		
Greenup Milling Co. 24% Dairy Feed	6.03	6.90
GWINN BROS. CO., HUNTINGTON, WEST VIRGINIA		
Gwinn's Tip Top 24% Dairy Feed	8.00	7.30
Sweet Acre 24% Dairy Feed	8.00	6.80
Sweet Acre 16% Dairy Feed	5.30	5.20
HALES & HUNTER CO., CHICAGO, ILLINOIS		
Gold Flake 16% Dairy Feed	5.34	3.90
HANCOCK & FRANKLIN MILLS, LOUISVILLE, KENTUCKY		
Arrow 24% Dairy Feed	6.56	7.90
Arrow 16% Dairy Feed	5.24	6.70
THE P. H. HARSHA MILLING CO., PORTSMOUTH, OHIO		
Harsha's Dixie-Sweet 24% Dairy Feed	7.86	6.90
HAYDON MILL & GRAIN CO., SPRINGFIELD, KENTUCKY		
Magic 16% Sweet Dairy Feed	5.24	3.40
Magic 4-2-2 16% Dairy Feed	5.24	5.20

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
EDWIN C. HAWKINS, PADUCAH, KENTUCKY		
Record 16% Dairy Feed	5.24	3.30
DR. HEINZ CO. INC., WASHINGTON C. H., OHIO		
Heinz Nu-Way 24% Dairy Feed	6.50	2.20
Heinz Nu-Way 16% Dairy Feed	5.24	4.80
HOME MILLING CO. INC., GREENVILLE, KENTUCKY		
Happy Home 16% Sweet Dairy Feed	5.20	5.30
Farm-Wa Dairy Feed	5.20	5.80
Farm-Wa Dairy Feed	5.20	<u>7.20</u>
KECO MILLING CO., MCKENZIE, TENNESSEE		
Thrifty 16% Dairy Feed	5.24	6.20
LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY		
Milk Maid Sweet 16% Dairy	4.66	4.20
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY		
Thoroughbred 24% Sweet Dairy Feed	5.25	4.70
Thoroughbred 24% Sweet Dairy Feed	5.25	5.50
Thoroughbred 24% Sweet Dairy Feed	5.25	5.60
Thoroughbred 24% Sweet Dairy Feed	5.25	5.30
Thoroughbred 20% Sweet Dairy Feed	2.62	2.80
Thoroughbred 20% Sweet Dairy Feed	2.62	2.80
Sweet Sue 16% Sweet Dairy Feed	2.62	3.30
Sweet Sue 16% Sweet Dairy Feed	2.62	<u>5.40</u>
Sweet Sue 16% Sweet Dairy Feed	2.62	<u>4.30</u>
MARKIN FEED CO., IRONTON, OHIO		
Markin Special 16% Dairy Feed	2.62	2.90
MAYFIELD MILLING CO., MAYFIELD, KENTUCKY		
J. C. Winter Cattle Roughage	4.00	0.20
McMILLEN FEED MILLS, FT. WAYNE, INDIANA		
Master Mix 44% Dairy Supplement	20.96	16.20
Master Mix 32% Cattle Supplement	10.48	8.90
Master Mix 32% Cattle Supplement	10.48	8.00
MOORMAN MANUFACTURING CO., QUINCY, ILLINOIS		
Moorman's Mintrate for Dairy Cows	9.00	7.30
MYERS & CLARK CO. INC., ASHLAND, KENTUCKY		
Ideal 24% Dairy Feed	5.90	4.90
Special Brand 24% Dairy Feed	2.75	3.00
Special Brand 24% Dairy Feed	2.75	<u>4.70</u>
Special Brand 24% Dairy Feed	2.75	<u>5.50</u>
Special Brand 16% Dairy Feed	1.80	<u>2.50</u>
Special Brand 16% Dairy Feed	1.80	<u>4.70</u>

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
OWENSBORO MILLING CO., OWENSBORO, KENTUCKY		
Star 16 1/2% Dairy Feed	5.24	5.60
Tru Test 32% Beef Cattle Supplement	10.48	9.60
PAN-AMERICAN MILLS, BOWLING GREEN, KENTUCKY		
Green Valley 20% Dairy Feed	2.18	<u>6.30</u>
PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY		
Super Brand 24% Dairy Feed	7.86	6.80
PILLSBURY MILLS, INC., CLINTON, IOWA		
Pillsbury's Best 32% Dairy Concentrate	10.48	10.00
Pillsbury's Best 32% Dairy Concentrate	10.48	9.80
Pillsbury's Best 32% Dairy Concentrate	10.48	<u>12.30</u>
Pillsbury's Best 24% Dairy Feed	7.86	<u>7.40</u>
Pillsbury's Champion 24% Dairy Feed	7.85	<u>10.40</u>
Pillsbury's Best 16% Dairy Feed	3.93	<u>2.60</u>
Dutch Maid 16% Dairy Feed	3.93	3.80
Dutch Maid 16% Dairy Feed	3.93	4.50
Dutch Maid 16% Dairy Feed	3.93	4.00
Pillsbury's Best Beef Cattle Concentrate	7.86	5.40
PRINCETON MILLS, PRINCETON, KENTUCKY		
Chow Mix 16% Dairy Feed	2.20	2.00
PROVICO FEEDS & CONCENTRATES, CINCINNATI, OHIO		
Provico Big V 24% Dairy Feed	6.60	5.80
THE QUAKER OATS CO., CHICAGO, ILLINOIS		
Ful-O-Pep AA 32% Dairy Concentrate	7.86	5.40
Quaker 16% Dairy Feed	4.60	5.40
RALSTON PURINA CO., ST. LOUIS, MISSOURI		
Purina Cow Chow Concentrate	8.75	6.80
Purina Cow Chow Concentrate	8.75	<u>9.90</u>
Purina Cow Chow Concentrate	8.75	<u>4.70</u>
Purina Dairy Chow	4.00	<u>7.10</u>
Purina Dairy Chow	4.00	<u>5.90</u>
Purina Dairy Chow	4.00	<u>2.90</u>
Purina Dairy Chow	4.00	2.10
Purina Dairy Chow	4.00	1.70
Purina Special Creep Chow (For Beef Calves)	5.50	6.80
Purina Steer Fatena	8.75	6.90
Purina Steer Fatena	8.75	8.10
Purina Steer Fatena	8.75	2.80
Purina Steer Fatena G (K)	5.50	5.30
Range Checkers	10.48	6.80
Purina Range Checkers A	5.50	5.80
RENFRO SUPPLY CO., WILLIAMSBURG, KENTUCKY		
Renfro 24% Dairy Feed	6.10	7.00

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
ROBINSON MILLING CO., SOMERSET, KENTUCKY		
Green Valley 24% Dairy Feed	8.00	7.60
Green Valley 24% Dairy Feed	8.00	6.70
Happy Home 16% Sweet Dairy Feed	5.20	6.50
Green Valley 16% Dairy Feed	4.00	4.50
RUSSELL GRAIN CO., HILLARDS, OHIO		
Russell 262 Brand 24% Dairy Feed	7.87	<u>11.00</u>
SCIENTIFIC MILLING CO., E. ST. LOUIS, ILLINOIS		
Scientific 16% Dairy Feed (S)	4.00	<u>5.10</u>
STALEY MILLING CO., KANSAS CITY, MISSOURI		
Staley Karmel "B"	11.00	7.60
STANDARD FEED MILLING CO., ATLANTA, GEORGIA		
Kentucky Brand 16% Dairy Feed	4.00	5.10
Sav-Mor Sweet Sixteen Dairy Feed	4.00	<u>5.10</u>
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY		
Sun-Ray 24% Dairy Feed	5.80	5.60
Sun-Ray 16% Dairy Feed	2.90	4.10
Sun-Ray 16% Dairy Feed	2.90	<u>4.60</u>
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY		
Sugar Creek 24% Dairy Feed	8.40	8.80
Sugar Creek 24% Dairy Feed	8.40	7.40
Sugar Creek 24% Dairy Feed	8.40	<u>9.70</u>
Green Valley Special 24% Dairy Feed	8.40	9.00
Green Valley Special 24% Dairy Feed	8.40	7.30
Green Valley Special 16% Dairy Feed	5.24	3.90
Green Valley Special 16% Dairy Feed	5.24	4.90
Sun-Ray 14% Steer Feed Pellets	6.40	4.00
SUNSHINE FEED MILLS, NASHVILLE, TENNESSEE		
Uncle Remus Special 16% Dairy Feed	5.24	4.90
SUNSHINE STORES, INC., FT. WAYNE, INDIANA		
Red Feather 20% Dairy Feed	6.66	5.30
SUPREME MILLS, GLASGOW, KENTUCKY		
Premo 24% Dairy Feed	6.55	7.00
Premo 24% Dairy Feed	6.55	6.60
Premo 24% Dairy Feed	6.55	6.50
Feeders Pride 16% Dairy Feed	5.24	4.30
Feeders Pride 16% Dairy Feed	5.24	3.00
SWEET FEED MILLS, BOWLING GREEN, KENTUCKY		
Freshgood 16% Dairy Feed	5.24	5.70

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
THOMERSON MILLING CO., GLASGOW, KENTUCKY Thomerson 16% Dairy Feed	2.90	<u>5.10</u>
THE UBIKO MILLING CO., CINCINNATI, OHIO Sunbeam 16% Dairy Feed	4.00	3.40
	4.00	3.80
VITALITY MILLS, INC., CHICAGO, ILLINOIS Vitality All Grain 16% Dairy Feed	4.35	3.20
WATKINS WHOLESALE CO., EAST BERNSTADT, KENTUCKY Butterfat 24% Dairy Feed	7.86	5.30
WINGO FEED & SUPPLY, WINGO, KENTUCKY Wingo Special 16% Dairy Feed	5.24	2.60
WINN MILLING CO., GREENSBURG, KENTUCKY Daisy 24% Dairy Feed (With Urea)	3.90	<u>5.80</u>
	3.90	<u>2.90</u>
J. W. ZARINGS GRAIN & MILL CO., RICHMOND, KENTUCKY Zaring's 24% Dairy Feed	6.00	<u>10.30</u>

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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 Chick & Broiler Mixer	38.0	38.3	2.0	2.2	5.5	5.0	2.5	2.7	1.0	1.3	.001	--	1.2	.8
** Wayne 42% Dairy Mixing Supplement	42.0	41.4	1.0	3.4	6.5	8.0	2.0	2.8	.7	1.0	.0008	--	3.7	2.3**
** Wayne 42% Mixing Supplement	42.0	42.9	1.0	3.7	6.5	7.2	2.0	2.6	.7	1.0	.0008	--	3.7	2.9**
Wayne Hog Pasture Supplement	40.0	40.6	1.5	2.2	6.0	6.0	2.7	2.9	1.2	1.3	.0008	--	2.5	2.0
Wayne Hog Balancer	35.0	35.6	1.5	1.6	8.0	5.9	3.0	5.0	1.0	1.2	.0003	--	2.5	2.0
BROWDER MILLING CO., FULTON, KENTUCKY														
** Browders 40% Hog Supplement	40.0	40.3	3.0	3.7	8.5	7.5	2.4	2.8	1.2	1.4	--	--	2.0	3.6**
BUHNER & CO., LOUISVILLE, KENTUCKY														
** Happy Farmer 24% Dairy Feed	24.0	24.4	2.5	3.5	9.0	8.4	2.7	2.7	1.0	1.2	.015	--	2.0	2.8**
** Magnolia 24% Dairy Feed	24.0	26.4	2.5	3.2	10.0	9.0	2.5	2.9	.5	.7	--	--	2.0	2.8**
** Happy Farmer 40% Protein Hog Supplement	40.0	40.2	3.0	4.7	7.0	7.2	4.5	5.2	1.0	1.6	.0011	--	2.5	3.2**
COOPERATIVE MILLS, INC., CINCINNATI, OHIO														
32% Poultry Supplement	32.0	33.0	2.0	6.9	8.0	6.1	4.5	4.7	1.5	1.5	.001	--	2.5	2.2
Beef Supplement	30.0	32.0	2.0	2.1	11.0	10.7	1.7	1.7	1.0	1.0	.0001	--	2.5	2.5
40% Forkmaker (For Hogs on Pasture)	40.0	42.2	1.5	6.1	8.5	4.4	3.5	3.7	1.2	1.5	.0001	--	2.0	2.2
40% Porkmaker (For Hogs on Pasture)	40.0	41.7	1.5	4.7	8.5	4.1	3.5	4.4	1.2	1.7	.0001	--	2.0	1.6
40% Porkmaker (For Hogs on Pasture)	40.0	41.8	1.5	4.5	8.5	4.3	3.5	3.5	1.2	1.2	.0001	--	2.0	2.0
35% Sow & Pig Supplement	35.0	36.0	1.2	5.3	8.5	7.4	3.0	3.4	1.0	.7	.0001	--	2.0	1.8
35% Sow & Pig Supplement	35.0	34.9	1.2	4.4	8.5	7.4	3.0	3.0	1.0	1.0	.0001	--	2.0	1.6
35% Sow & Pig Supplement (For Hogs not on pasture)	35.0	36.3	1.2	5.8	8.5	6.4	3.0	3.6	1.0	.9	.0001	--	2.0	1.7
35% Sow & Pig Supplement	35.0	37.4	1.2	4.8	8.5	7.0	3.0	3.0	1.0	1.0	.0001	--	2.0	2.0
** 35% Sow & Pig Supplement	35.0	37.2	1.2	2.5	8.5	7.4	3.0	3.5	1.0	1.5	.0001	--	2.0	2.7**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with kulls, unground weed seeds, or refuse.

## 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
DEARBORN MILLS, AURORA, INDIANA														
Dearborn 40% Protein Pig & Hog Supplement	40.0	39.6	3.0	3.1	8.0	8.2	3.0	3.6	1.0	.9	.002	--	1.5	1.2
Dearborn 40% Protein Pig & Hog Supplement	40.0	40.6	3.0	3.0	8.0	7.1	3.0	3.0	1.0	1.0	.002	--	1.5	1.5
THE EARLY & DANIEL CO., CINCINNATI, OHIO														
** Tuxedo 39% High Energy Broiler Mash Supplement	39.0	40.5	2.5	3.0	7.0	5.8	2.6	2.7	1.4	1.0	.00047	--	.5	1.3**
** Tuxedo 39% H.E. Broiler Mash Supplement	39.0	39.3	2.5	4.4	7.0	6.2	2.6	2.6	1.4	1.3	.00047	--	.5	2.4**
Tuxedo Big "A" Steer Supplement	32.0	34.7	2.0	3.1	7.0	6.3	1.7	1.3	1.1	1.0	.00038	--	1.6	1.4
Tuxedo Big Forty Hog Supplement	40.0	41.3	2.5	2.5	7.0	7.1	4.0	4.0	1.3	1.3	.00135	--	1.2	1.2
** Tuxedo Big Forty Hog Supplement	40.0	39.2	2.5	3.2	7.0	6.2	4.0	3.8	1.3	1.0	.00135	--	1.2	1.5**
JOHN W. ESHELMAN & SONS, LANCASTER, PA.														
Red Rose 30% Cattle Supplement	30.0	31.6	2.5	3.1	9.5	9.2	1.5	1.8	.7	.8	.001	--	3.0	2.6
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE														
** Famous Brand 36% Chick-Grower Concentrate	36.0	38.4	2.5	2.8	6.0	7.5	2.2	3.6	.8	1.5	-.0025	--	1.0	1.2**
** Famous Brand 33% Protein Dairy Concentrate	33.0	37.5	3.0	3.0	9.0	9.8	2.1	1.9	.2	1.2	.004	--	2.0	.5**
GENERAL MILLS, INC., MINNEAPOLIS, MINN.														
Larro Sure Pork 35% Hog Concentrate	35.0	38.2	2.0	1.8	10.0	6.9	2.5	2.9	1.0	.9	.0003	--	2.0	2.5
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS														
Pioneer Hog Balancer	36.0	36.4	2.5	3.5	7.0	6.8	4.7	4.7	2.0	2.0	.002	--	2.2	2.2
** Pioneer Hog Balancer	36.0	34.9	2.5	3.2	7.0	6.5	4.7	4.7	2.0	2.0	.002	--	2.2	2.2**
** Pioneer Hog Balancer	36.0	35.2	2.5	3.0	7.0	6.5	4.7	5.2	2.0	2.0	.002	--	2.2	2.4**
** Pioneer Sow Balancer	35.0	33.4	2.5	4.3	8.0	5.8	4.4	4.5	2.2	2.1	.002	--	2.0	2.5**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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
DR. HEINZ COMPANY, WASHINGTON C. H., OHIO														
** Heinz Nu-Way 34% Hog Supplement	34.0	35.7	2.5	4.0	6.5	6.7	3.0	3.3	.5	.7	.0001	--	1.0	1.8**
McMILLEN FEED MILLS, FORT WAYNE, INDIANA														
Master Mix Turkey Concentrate (With Methio-Vite)	36.0	36.4	1.5	1.7	7.0	5.8	3.7	5.9	1.3	2.0	.0003	--	1.4	1.4
Master Mix Free Choice Turkey Grower Concentrate with Methio-Vite	30.0	30.4	2.0	2.0	9.0	7.6	4.2	5.6	1.1	1.4	.0004	--	1.5	2.0
Master Mix Layer Concentrate	34.0	34.3	1.5	1.4	7.5	7.2	5.0	5.2	1.7	1.7	.0004	--	1.5	1.6
Master Mix 34% Protein & Mineral Layer Concentrate	34.0	37.2	1.5	1.7	7.5	7.0	5.0	4.4	1.5	1.6	.0004	--	1.5	1.2
Master Mix Free Choice Poultry Concentrate with Methio-Vite	26.0	29.7	2.5	2.5	7.0	6.4	3.4	3.1	1.1	.8	.00035	--	1.2	1.4
** Master Mix 44% Dairy Supplement	44.0	42.4	1.0	3.0	8.0	8.4	3.2	2.8	1.0	1.2	.0004	--	3.2	4.3**
Master Blend 33% Dairy Concentrate	33.0	35.2	1.5	3.1	9.0	8.7	2.8	3.1	.9	1.2	.0003	--	2.5	1.4
Master Mix 32% Cattle Supplement	32.0	34.5	2.0	2.6	10.0	9.8	2.5	2.5	1.2	1.2	--	--	2.7	2.7
** Master Mix 32% Cattle Supplement	32.0	31.3	2.0	2.9	10.0	11.4	2.5	2.4	1.2	1.2	.0003	--	2.7	2.9**
Master Mix 35% Hog Concentrate	35.0	37.1	1.5	2.8	10.0	8.2	3.8	3.2	1.0	1.1	.0005	--	1.6	1.0
MIDWEST MINERAL CO., GREENWOOD, INDIANA														
** Phenothiazine, Salt & Mineral Mixture (Very much below guarantee in Phenothiazine)	--	--	--	--	--	--	0.1	2.8	0.6	.6	0.01	--	87.0	83.5**
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS														
MoorMan's Mintrate for Starting & Growing Pigs	43.0	44.0	2.0	3.0	5.5	4.6	3.5	5.7	1.2	2.0	.003	--	2.5	2.5

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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
MOORMAN'S MANUFACTURING COMPANY, QUINCY, ILLINOIS (Cont'd)														
MoorMan's Mintrate for Dairy Cows	40.0	41.4	2.0	2.2	7.5	7.0	3.0	6.3	1.5	1.9	.002	--	--	--
MoorMan's 45% Protein & Mineral Hog Supplement	45.0	45.7	3.0	4.4	4.0	3.7	7.5	8.0	2.1	2.5	.005	--	2.2	2.6
MoorMan's Min-O-Phene Block (For Sheep)	--	--	--	--	--	--	18.0	20.0	5.0	5.2	.017	--	28.5	28.6
CHAS. NUNN & SONS MILLING CO., EVANSVILLE, INDIANA														
Nunn-Better 35% Pig & Sow Supplement	35.0	37.1	1.0	3.7	9.5	7.0	2.2	4.4	1.0	1.7	.0012	--	1.7	1.5
OELWEIN CHEMICAL CO., OELWEIN, IOWA														
** Occo-Trate for Poultry	32.0	35.4	4.5	2.5	4.0	6.4	4.0	6.3	.5	1.5	.002	--	3.0	3.2**
** Occo-Lak Brand Mineral Feed with Yeast Culture	4.4	5.3	1.1	.6	2.7	5.2	19.0	19.4	.8	1.2	.001	--	11.0	10.6**
PILLSBURY MILLS, FEED & SOY DIVISION, CLINTON, IOWA														
Pillsbury's Best Turkey Grower & Finisher	20.0	20.3	3.0	3.7	8.0	6.3	2.0	3.1	1.0	1.1	.0002	--	.6	.6
Pillsbury's Best Turkey Grower & Finisher	20.0	19.7	3.0	3.5	8.0	6.3	2.0	2.5	1.0	1.2	.0002	--	.6	.7
Pillsbury's Best Turkey Grower & Finisher	20.0	20.5	3.0	3.4	8.0	6.3	2.2	2.3	1.0	1.2	.0002	--	.5	.9
** Pillsbury's Best Starter - Broiler Concentrate	38.0	38.6	1.5	1.9	7.0	4.8	3.0	3.8	1.2	1.5	.0003	--	1.0	2.2**
Pillsbury's Best 38% Protein & Mineral Grower Layer Concentrate	38.0	39.2	1.5	1.7	7.0	4.8	4.7	5.1	1.5	1.6	.0006	--	1.5	1.9
** Pillsbury's Best 32% Dairy Concentrate	32.0	31.9	2.0	2.5	8.0	5.7	2.6	3.5	1.0	1.3	.0004	--	2.0	2.9**
Pillsbury's Best 32% Dairy Concentrate	32.0	32.7	2.0	2.5	8.0	6.1	3.0	3.3	1.0	1.4	.0003	--	2.0	2.1

\*\* Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.



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
Quarterly Report on Feed Samples, 1954														
PILLSBURY MILLS, INC., CLINTON, IOWA (Cont)														
Pillsbury's Best 24% Dairy Feed	24.0	24.4	2.5	3.4	8.5	8.0	1.4	1.8	0.7	1.0	.0002	--	1.5	2.5
** Pillsbury's Champion 24% Dairy Feed (1.55% excess non-protein nitrogen from Urea)	24.0	27.4	2.5	2.4	9.0	6.1	1.7	1.7	.5	.8	.0002	--	1.5	2.5**
** Pillsbury's Best Beef Cattle Concentrate	32.0	32.8	1.5	3.8	8.0	7.1	2.7	3.5	.9	.8	.0003	--	1.7	2.5**
Pillsbury's Best Hog Concentrate	40.0	40.2	1.5	2.1	7.0	4.9	2.7	3.9	.8	.9	.0005	--	1.4	1.4
Pillsbury's Best Hog Concentrate	40.0	39.8	1.5	2.2	7.0	5.1	2.7	4.1	.8	1.3	.0005	--	1.6	1.9
** Pillsbury's Best Hog Concentrate	40.0	40.7	1.5	2.6	7.0	5.8	2.7	2.8	.8	1.5	.0005	--	1.6	2.9**
Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	35.0	2.0	2.4	6.5	5.1	2.5	2.7	1.0	.8	.0004	--	1.5	1.3
Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	33.0	2.0	2.2	6.5	4.4	2.5	3.5	1.0	.9	.0004	--	1.7	1.9
Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	33.4	2.0	2.0	6.5	4.5	3.0	2.9	1.0	1.3	.0004	--	1.7	1.5
** Pillsbury's Best Maxi-Meal Hog Concentrate	32.0	32.0	2.0	2.5	6.5	6.0	2.7	2.3	1.0	.9	.0004	--	1.6	2.3**
PROVICO FEED & CONCENTRATES, CINCINNATI, OHIO														
Provico XX 40% Protein Hog Supplement	40.0	43.0	3.0	4.5	6.0	6.4	3.4	4.4	1.1	1.4	--	--	2.0	1.9
PURCELL SEED CO., INC., EVANSVILLE, INDIANA														
** "Judge Brand" 40% Protein Shoat & Hog Supplement	40.0	41.0	2.0	3.2	8.0	6.1	2.0	5.2	1.0	1.3	.0035	--	1.0	1.6**
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS														
** Ful-O-Pep Brand AA 32% Dairy Concentrate (Very much below guarantee in protein)	32.0	29.6	1.5	1.9	7.0	9.6	1.1	2.1	.6	1.2	.0001	--	3.0	2.6**
**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.														

## 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 QUAKER OATS CO., CHICAGO, ILLINOIS (Cont)														
** Ful-O-Pep Brand Hog Supplement (Dry Lot)	36.0	37.9	2.0	3.7	10.0	7.9	2.0	2.8	1.0	1.2	.0001	--	2.0	3.0**
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI														
Purina Chowder	36.0	35.9	1.5	4.4	9.0	5.2	5.5	6.1	2.0	2.4	.0004	--	3.0	2.6
Purina Chowder 36% Protein and Mineral Growing & Laying Concentrate	36.0	36.7	1.5	4.0	9.0	5.3	5.5	6.4	2.0	2.5	.0004	--	3.0	2.6
Purina Cow Chow Concentrate	32.0	32.9	1.5	2.1	9.0	7.7	3.0	2.7	1.0	1.1	.00035	--	2.3	2.1
Purina Cow Chow Concentrate	32.0	31.6	1.5	1.7	9.0	8.6	3.0	4.8	1.0	2.1	.00035	--	2.3	2.0
** Purina Cow Chow 32% Protein & Mineral Concentrate (0.15% excess non-protein nitrogen from Urea)	32.0	32.1	1.5	1.7	9.0	8.0	3.0	3.0	1.0	1.0	.00035	--	2.3	2.3**
** Purina Cow Chow 32% Protein & Mineral Concentrate	32.0	30.2	1.5	1.8	9.0	5.8	3.0	3.6	1.0	1.3	.00035	--	2.3	2.6**
Purina Cow Chow Supplement	24.0	25.2	2.5	1.7	11.0	8.3	1.5	1.3	0.9	1.1	.00035	--	2.3	2.1**
Purina D & F Chow Supplement	13.0	16.6	2.0	2.7	10.0	10.4	3.0	3.3	1.2	1.3	.00035	--	2.3	1.2
Purina Hog Chow Supplement	36.0	38.8	2.0	3.1	10.0	6.7	4.0	3.9	1.8	1.6	.0003	--	2.3	1.5
Purina 36% Hog Chow Supplement	36.0	37.9	2.0	2.7	10.0	6.1	4.0	3.6	1.9	1.7	.0003	--	2.3	2.4
Purina Hog Chow Supplement	36.0	37.6	2.0	4.1	10.0	7.4	4.0	3.6	1.8	1.8	.0003	--	2.3	1.7
Purina Hog Chow Supplement	36.0	36.3	2.0	2.8	10.0	6.4	4.0	4.3	1.8	1.9	.0003	--	2.3	2.5
** Purina 36% Hog Chow Supplement	36.0	35.0	2.0	2.9	10.0	6.0	4.0	6.5	1.8	2.9	.0003	--	1.8	1.9**
Purina 36% Hog Chow Supplement	36.0	37.9	2.0	3.4	10.0	6.5	4.0	4.5	1.8	1.9	.0003	--	1.8	1.9
Purina 36% Hog Chow Supplement	36.0	36.6	2.0	3.0	10.0	6.5	4.0	4.7	1.8	2.1	.0003	--	1.8	1.9
** Purina Sow & Pig Chow Supplement	32.0	33.9	2.5	3.4	9.0	6.1	3.5	4.4	1.6	1.9	.0003	--	1.8	2.4**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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
RALSTON PURINA CO., ST. LOUIS, MISSOURI (Con't)														
** Purina Sow & Pig Chow Supplement	32.0	30.7	2.5	3.6	9.0	7.4	3.5	7.0	1.6	3.2	.0003	--	2.3	.8**
ROSS FEED COMPANY, MURRAY, KENTUCKY														
"Standard Brand" Poultry Mash Concentrate	34.0	35.3	2.0	3.1	9.0	9.1	4.1	4.4	1.5	1.8	.0019	--	.5	.7
RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.														
** Occident 40% Hog Concentrate	40.0	40.5	4.0	2.2	6.5	8.3	3.5	3.1	1.5	1.0	.0004	--	1.2	1.5**
** Occident 20% Pig & Sow Feed	20.0	25.9	4.0	2.9	6.0	5.9	2.0	2.3	.8	1.1	.0004	--	1.2	.9**
STALEY MILLING CO., KANSAS CITY, 16, MISSOURI														
Bullets Brand 40% Hog Supplement	40.0	40.3	1.5	4.7	8.0	6.6	3.0	3.5	1.0	1.5	.0004	--	1.0	1.4
Staley Pro-Lass Hog Supplement	35.0	36.6	1.5	2.4	8.0	7.1	3.0	3.9	1.0	1.7	.0004	--	1.0	1.2
STANDARD FEED MILLING CO., ATLANTA, GEORGIA														
Super Quality Brand 40% Hog Supplement	40.0	40.4	1.5	7.0	8.0	4.2	3.0	4.7	1.5	2.4	.0007	--	2.0	2.2
SWIFT & CO., CHICAGO, ILLINOIS														
Swift's Mineral Supplement	--	--	--	--	--	--	25.0	26.4	4.5	5.3	.003	--	20.0	17.7
Swift's 40% Protein Swine Concentrate	40.0	40.4	3.0	4.1	7.0	7.3	3.2	4.3	1.2	1.4	.0005	--	2.0	2.4
TABOR HATCHERY, COLUMBIA, KENTUCKY														
** Tabor 36% Pig & Sow Concentrate	36.0	37.3	2.0	2.0	8.0	6.7	3.8	5.2	1.4	2.1	.0004	--	2.0	2.6**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

**REPORT OF OFFICIAL FEED SAMPLES ANALYZED**  
July, August and September, 1954

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
<b>H. T. ADAMS COMPANY, HARRODSBURG, KENTUCKY</b>						
** "Hopper" Stock Feed	12.0	14.8	3.5	3.1	6.0	<u>7.8</u> **
<b>ALABAMA FLOUR MILLS, DECATUR, ALABAMA</b>						
Red Hat Laying Mash	20.0	21.1	3.5	3.5	7.0	5.4
Red Hat Hen Scratch	9.0	10.2	2.5	2.5	3.5	2.5
** Red Hat 40% Hog Supplement	40.0	42.0	3.0	<u>2.4</u>	7.5	7.2**
Red Hat Pig & Sow Feed	20.0	20.7	3.0	3.6	6.0	5.1
<b>ALBERS MILLING COMPANY, LOS ANGELES, CALIFORNIA</b>						
"Manna Brand" 25% Protein Calf Feed	25.0	27.4	4.0	3.6	5.5	5.0
<b>E. T. ALLEN CO., ATLANTA, GEORGIA</b>						
** Empire 41% Protein Cottonseed Meal	41.0	<u>39.1</u>	4.0	5.1	13.0	11.8**
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>						
Wayne Turkey Growing Mash	20.0	22.2	2.5	2.7	6.0	4.8
Wayne Turkey Growing Mash	20.0	22.3	2.5	3.0	6.0	4.2
Wayne Growing Mash	20.0	19.9	2.5	3.3	5.5	4.1
Wayne Starter & Grower	18.0	18.6	2.5	3.4	6.0	4.5
3-Nitro 4-Hydroxyphenylarsonic Acid in Wayne Rocket Broiler Feed	20.0	21.2	3.0	4.0	4.0	3.2
3-Nitro-4-Hydroxyphenylarsonic Acid in Wayne Rocket Broiler Feed	20.0	21.6	3.0	3.5	4.0	3.2
3-Nitro-4-Hydroxyphenylarsonic Acid in Wayne Rocket Broiler Feed	20.0	22.9	3.0	3.7	4.0	3.0
Wayne 26% Egg & Breeder Mash	26.0	26.0	2.5	2.5	7.0	4.9
Wayne Mash Layer	20.0	23.2	3.0	3.0	7.0	5.9
Wayne Egg Mash	20.0	21.8	3.0	3.3	5.5	5.1
Fattening Pellets (For Chickens, Turkeys & Ducks)	18.0	20.2	3.0	3.2	6.0	4.4
Fattening Pellets (For Chickens, Turkeys & Ducks)	18.0	19.9	3.0	3.1	6.0	4.3
Wayne Sweet Mix	27.0	29.3	1.2	2.0	10.0	8.7
Wayne Sweet Mix	27.0	32.7	2.5	3.1	10.0	6.9
Wayne 16% Dairy Feed	16.0	19.8	2.5	3.2	13.0	8.7
Sucrene 16% Dairy Feed	16.0	19.8	2.5	2.4	15.0	10.6
Wayne Cotton Belt Dairy	16.0	18.0	3.0	3.4	10.0	6.6
Wayne Fitting Feed	13.0	15.2	3.0	3.4	8.5	6.8
Wayne Sugarine Mixer	17.0	21.4	1.0	5.8	10.0	10.3
Wayne Calf Starter	16.0	17.9	3.0	3.0	9.0	7.1
Wayne Pig and Sow Meal	20.0	21.6	3.0	3.3	6.0	6.0
Wayne 17% Dehydrated Alfalfa Meal	17.0	17.8	1.7	2.7	27.0	26.5

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ANGLO SWEET FEED MILL, INC., OWENSBORO, KENTUCKY						
"Ace Perfection Brand" 35% Protein Poultry & Turkey Mash Supplement	35.0	35.4	3.5	3.4	8.0	7.5
"Ace Perfection Brand" 35% Protein Dairy Supplement	35.0	37.4	2.5	3.1	10.0	7.1
ARCADY FARMS MILLING CO., CHICAGO, ILLINOIS						
Wonderfat 14% Protein Station Feed	14.0	14.8	3.5	3.5	7.0	6.8
Wonderfat Brand 14% Protein Station Feed	14.0	14.7	3.5	3.2	7.0	6.6
Arcady 30% Protein Game Bird Breeder Pellets	30.0	30.8	4.0	5.2	7.0	5.8
** Arcadys Sup'r Brand 16% Protein Dairy Feed	16.0	16.8	4.0	<u>3.0</u>	11.0	11.3**
** Arcady Sweet 16% Dairy (Contained Mixed Screenings)	16.0	16.6	4.0	4.0	11.0	9.5**
ARMOUR & CO., CHICAGO, ILLINOIS						
Armour's 60% Protein Digester Tankage	60.0	62.2	6.0	7.0	3.0	1.3
AUBREY & CO., LOUISVILLE, KENTUCKY						
Red "A" 28% Turkey Starting Mash	28.0	28.1	2.5	4.0	6.5	5.6
Red "A" Special All Mash Starter & Grower Crumbles	18.0	18.2	3.5	4.0	6.0	4.3
Red "A" Special All Mash Starter & Grower	18.0	18.9	3.5	4.5	6.0	5.3
Red "A" 20% Protein All Mash Starter & Grower	20.0	21.6	3.5	3.6	7.0	5.7
Nitrophenide in Red "A" 20% Protein All Mash Starter & Grower	20.0	21.2	3.5	3.5	7.0	5.6
Aubrey's Red "A" High Energy Broiler Ration Crumbles	20.0	21.4	3.5	3.6	4.5	4.0
Arsanilic Acid & Sulfaquinoxaline in Red "A" High Energy Broiler Ration Mash	20.0	21.6	3.5	3.1	4.5	3.8
Arsanilic Acid & Nitrophenide in Red "A" H. E. 20% Broiler Ration	20.0	21.5	3.5	3.5	4.5	3.9
** Arsanilic Acid in Red "A" H. E. 20% Broiler Ration	20.0	22.0	3.5	<u>2.2</u>	4.5	3.8**
Red "A" Broiler Finisher	17.5	19.6	3.0	<u>3.0</u>	4.0	3.6
Nitrophenide in Aubrey's Red "A" Broiler Finisher	17.5	19.8	3.0	2.8	4.0	3.8
Nitrophenide in Aubrey's Red "A" Broiler Finisher	17.5	18.7	3.0	4.6	4.0	3.5
Nitrophenide and Arsanilic Acid in Red "A" Hi-Energy Broiler Ration	20.0	21.0	3.5	3.5	4.5	3.7
** Red "A" High Energy Broiler Ration Mash	20.0	22.0	3.5	<u>2.8</u>	4.5	3.7**
Red "A" Laying Mash	20.0	21.6	3.0	<u>3.7</u>	8.0	5.7
Red "A" Laying Mash	20.0	21.0	3.0	3.1	8.0	6.3
Red "A" Laying Mash	20.0	21.8	3.0	3.7	8.0	6.5
Red "A" Laying Crumbles	20.0	20.9	3.0	3.0	8.0	6.4
Red "A" Laying Crumbles	20.0	21.2	3.0	3.0	8.0	5.4

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>AUBREY &amp; CO., LOUISVILLE, KENTUCKY (Con't)</b>						
Red "A" Special Laying Mash	20.0	20.0	3.5	3.5	7.5	6.0
Red "A" Special Laying Mash	20.0	19.6	3.5	4.1	7.5	5.5
Red "A" 32% Protein Dairy Supplement	32.0	32.1	3.0	3.5	8.5	8.2
Red "A" 24% Protein Dairy Feed	24.0	29.0	3.0	3.2	10.0	6.1
Red "A" 24% Protein Dairy Feed	24.0	25.5	3.0	3.7	10.0	8.2
Red "A" 20% Protein Dairy Feed	20.0	24.6	3.0	3.8	10.0	6.1
Red "A" 20% Protein Dairy Feed	20.0	21.9	3.0	3.7	10.0	7.9
Red "A" 18% Protein Dairy Feed	18.0	23.5	3.0	3.8	8.0	7.8
Red "A" 18% Protein Dairy Feed	18.0	20.3	3.0	3.4	8.0	7.3
Red "A" 16 1/2% Dairy Feed	16.5	21.4	3.0	3.8	10.0	8.6
Red "A" 16 1/2% Dairy Feed	16.5	21.1	3.0	4.2	10.0	8.7
Red "A" Special Horse Feed	9.0	10.2	2.5	4.3	6.0	4.5
Red "A" 18% Sow & Pig Feed	18.0	19.8	3.0	3.4	6.0	4.8
Red "A" 18% Protein Sow & Pig Feed	18.0	20.3	3.0	3.8	6.0	4.5
** Red "A" 18% Protein Sow & Pig Feed	18.0	20.4	3.0	3.4	6.0	7.0**
Red "A" Wheat Grey Short with Ground Screenings	15.0	16.7	3.5	4.3	7.5	6.5
Hominy Feed	10.0	10.4	5.0	5.5	6.0	4.0
Hominy Feed	10.0	10.9	5.0	5.7	6.0	3.7
Hominy Feed	10.0	11.0	5.0	5.8	6.0	3.7
Hominy Feed	10.0	10.5	5.0	6.1	6.0	4.1
Hominy Feed	10.0	10.8	5.0	6.1	6.0	3.7
Aubrey's 44% Protein Solvent Soybean Oil Meal	44.0	46.5	.5	.9	7.0	5.6
Oat Hull Feed & Molasses	3.5	5.6	.5	1.0	25.0	23.7
<b>AVISTON MILLING CO., ST. LOUIS, MISSOURI</b>						
Sugar Creek Wheat Gray Shorts and Screenings	15.0	14.9	3.5	3.7	6.0	5.7
<b>AYLOR &amp; MEYER COMPANY, AURORA, INDIANA</b>						
Rainbow 16% Protein Dairy Feed	16.0	15.7	3.0	3.3	10.0	8.1
Rainbow 16% Protein Dairy Feed	16.0	16.9	3.0	3.8	10.0	8.9
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>						
Harrison's Nat-Ur-Way Brand 20% Protein Laying Mash	20.0	21.4	3.5	3.6	7.5	5.3
Harrison's Nat-Ur-Way 24% Protein Dairy Feed	24.0	24.0	2.5	2.9	10.0	9.0
** Harrison's Nat-Ur-Way 18% Dairy Feed (0.06% excess non-protein nitrogen from Urea)	18.0	21.4	3.5	3.5	10.0	8.2**
Hominy Meal	9.0	9.0	6.0	6.2	8.0	6.8
<b>BALLARD &amp; BALLARD, LOUISVILLE, KENTUCKY, DIV. OF PILLSBURY MILLS</b>						
Ballard's Wheat Brown Shorts with Ground Wheat Screenings	16.0	15.6	3.5	4.0	7.5	4.8
Ballard's Wheat Mixed Feed with Ground Wheat Screenings	15.0	15.3	3.5	3.8	8.5	7.5

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>BALTIC MILLS, VINCENNES, INDIANA</b>						
** "Knox County" Hominy Feed	10.0	10.7	7.0	<u>6.3</u>	6.0	3.3**
"Knox County" Hominy Feed	10.0	10.8	7.0	<u>6.7</u>	6.0	3.2
<b>BARDSTOWN MILLS, BARDSTOWN, KENTUCKY</b>						
"Blue Ribbon" 20% Protein Laying Mash	20.0	21.7	2.5	4.2	8.0	6.2
"Blue Ribbon" 20% Protein Dairy Feed	20.0	23.0	3.0	5.3	9.0	7.3
Mixed Feed	13.0	13.8	3.5	4.2	7.5	5.1
<b>BARRY-CARTER MILLING CO., LEBANON, TENNESSEE</b>						
Fortune 18% Growing Mash	18.0	18.8	2.5	4.5	7.0	5.3
Fortune 16% All-Purpose Poultry Mash	16.0	16.2	3.0	5.6	7.0	7.4
** Fortune 20% Pig & Sow Ration	20.0	21.6	2.5	5.2	6.0	<u>6.9**</u>
<b>BAUGHMAN MILLING CO., STANFORD, KENTUCKY</b>						
Banner Mixed Feed	11.0	12.7	3.5	5.2	11.0	7.5
<b>THE BEARDSTOWN MILLS, BEARDSTOWN, ILLINOIS</b>						
Critic Milk Maker	16.0	18.3	2.5	3.3	10.0	6.3
Cadmium Anthranilate in Critic Hog Ration	16.0	16.8	3.7	3.4	6.5	5.2
<b>BEAVER DAM MILLING CO., BEAVER DAM, KENTUCKY</b>						
Eureka 17% All Mash Starting & Growing Ration	17.0	17.1	3.5	4.2	6.5	6.6
Eureka 18% Growing Mash	18.0	18.8	3.0	4.1	6.5	6.1
Eureka 18% Growing Mash	18.0	18.5	3.0	4.3	6.5	6.6
** Eureka 18% Growing Mash	18.0	19.4	3.0	4.0	6.5	<u>7.5**</u>
** Eureka 20% Breeder Mash	20.0	19.4	3.5	4.6	7.0	<u>6.6**</u>
Eureka 20% Laying Mash	20.0	20.0	3.0	4.3	7.5	5.8
Eureka 20% Laying Mash	20.0	20.6	3.0	4.4	6.5	6.5
Snow Drift 19% Protein Laying Mash	19.0	20.5	3.0	4.8	7.5	6.8
Eureka 16% Dairy Feed (with urea)	16.0	16.1	3.0	4.0	10.0	9.6
Sweet Miss 16% Dairy Feed (with urea)	16.0	16.0	2.5	3.0	10.0	10.5
Eureka 90% Grain Horse & Mule Feed	9.0	10.4	2.0	3.8	15.0	7.3
Eureka 90% Grain Horse & Mule Feed	9.0	9.2	2.0	3.2	15.0	6.0
** Eureka 40% Protein Hog Supplement	40.0	<u>38.4</u>	3.5	4.5	6.0	6.1**
** Eureka 40% Protein Hog Supplement	40.0	<u>39.6</u>	3.5	4.5	6.0	<u>7.3**</u>
** Eureka 40% Protein Hog Supplement	40.0	<u>38.7</u>	3.5	3.6	6.0	<u>6.6**</u>
<b>BENSON VALLEY MILLING CO., FRANKFORT, KENTUCKY</b>						
16 1/2% Protein Dairy Feed	16.5	16.9	3.0	3.8	10.0	8.9
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>						
Big Four Laying Mash	20.0	21.1	3.0	3.9	7.0	6.4
Big Four 32% Dairy Supplement	32.0	32.8	3.0	3.0	9.0	9.2
Big Four 24% Dairy Feed	24.0	26.4	3.0	2.9	12.0	9.7
Hi-Lo 24% Dairy Feed	24.0	24.5	2.5	2.6	12.0	11.5
** O K 24% Dairy Feed	24.0	25.4	2.5	2.8	15.0	10.4**
(Contained unground weed seeds)						

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY, (Con't)</b>						
O K 16% Dairy Feed	16.0	19.4	2.5	3.7	15.0	11.3
O K 16% Dairy Feed	16.0	18.8	2.5	3.8	15.0	9.4
O K 16% Dairy Feed	16.0	21.4	2.5	3.1	15.0	11.2
** O K 16% Protein Dairy Feed (Contained unground weed seeds)	16.0	22.3	2.5	3.5	15.0	10.8**
** O K 16% Protein Dairy Feed (Contained unground weed seeds)	16.0	20.3	2.5	3.5	15.0	11.2**
Big Four Horse Feed	9.0	10.0	3.0	3.4	9.0	7.3
** Big Four 36% Protein Hog Supplement (Very much below guarantee in protein)	36.0	<u>31.9</u>	2.0	3.6	8.0	7.8**
Big Four 20% Hog Feed	20.0	22.2	3.0	3.3	8.0	5.3
Solvent Extracted Soybean Oil Meal	44.0	46.9	.5	.6	6.0	6.0
<b>BI-COUNTY FARM BUREAU, CO-OPERATIVE ASS'N INC., ERLANGER, KENTUCKY</b>						
Coop Pailfiller Brand 20% Dairy Feed	20.0	20.4	3.0	3.0	9.0	6.7
<b>BOYLE PACKING CO., DANVILLE, KENTUCKY</b>						
Pride of Boyle Tankage	45.0	46.9	15.0	17.8	3.0	1.4
<b>BREMCO ALFALFA MILLS, NEW BREMEN, OHIO</b>						
** Medogreen Alfalfa Meal	17.0	<u>15.9</u>	1.5	1.9	27.0	26.0**
<b>THE BRODE CORP., MEMPHIS, TENNESSEE</b>						
Owl Brand 41% Prime Cottonseed Meal	41.0	40.6	3.0	4.0	14.0	12.0
** Owl Brand 41% Prime Cottonseed Meal	41.0	<u>39.6</u>	3.0	4.1	14.0	13.8**
** Owl Brand Solvent Extracted Cottonseed Meal	41.0	<u>40.4</u>	1.0	.5	12.0	<u>15.0**</u>
(Very much above guarantee in fiber)						
<b>BROWDER MILLING CO., FULTON, KENTUCKY</b>						
Cracked Corn	8.0	8.7	4.0	3.8	3.0	2.0
<b>BROWN-FORMAN DISTILLERS CORP., LOUISVILLE, KENTUCKY</b>						
23% Protein Corn Distillers Dried Grains	23.0	27.5	7.0	8.4	15.0	13.3
** Brown-Forman SuperSol	24.0	29.5	6.0	5.6	4.0	<u>5.3**</u>
<b>BUCKEYE COTTON OIL CO., CINCINNATI, OHIO</b>						
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.0	.5	.8	7.0	5.3
<b>BUHNER &amp; CO., LOUISVILLE, KENTUCKY</b>						
Sulfaquinoxaline in Happy Farmer 18% Starter & Grower	18.0	19.4	2.5	3.9	7.0	5.5
Happy Farmer 20% Broiler Mash	20.0	21.2	2.5	4.0	5.0	4.7
Happy Farmer 18% Broiler Finisher	18.0	19.4	2.5	4.5	5.0	3.8
Farm Joy 20% Protein Laying Mash	20.0	20.6	2.5	3.5	8.0	7.4
Happy Farmer 20% Protein Laying Mash	20.0	21.7	2.5	4.4	8.0	6.4
Happy Farmer 20% Protein Laying Mash	20.0	21.2	2.5	4.1	8.0	7.0
Happy Farmer 21% Protein Breeder Mash	21.0	22.9	2.5	4.2	8.0	6.4
Happy Farmer 19% Egg Pusher Pellets	19.0	20.0	3.0	4.3	7.0	6.1
Happy Farmer 20% Dairy Feed	20.0	23.2	2.5	3.8	9.0	7.4
Magnolia 20% Dairy Feed	20.0	21.1	2.5	3.2	10.0	9.0

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BUHNER & CO., LOUISVILLE, KENTUCKY (Con't)						
** Happy Farmer 16% Dairy Feed (0.57% excess non-protein nitrogen from urea)	16.0	19.3	2.5	3.6	9.0	6.1**
Happy Farmer 16% Dairy Feed	16.0	18.8	2.5	3.6	9.0	7.4
Magnolia 16 1/2% Dairy Feed	16.5	17.4	3.0	3.0	10.0	7.8
Happy Farmer 20% Pig & Sow Ration	20.0	19.7	2.5	4.1	6.0	5.9
Happy Farmer 14% Hog Fattener	14.0	16.0	2.5	4.3	8.0	5.4
Happy Farmer 16% Rabbit Pellets	16.0	17.5	2.5	3.9	14.0	13.1
Happy Farmer Wheat Gray Shorts & Screenings	14.0	15.6	4.0	4.2	6.0	5.3
Buhner's 41% Protein Cottonseed Meal	41.0	40.9	5.0	5.2	12.0	11.5
BUNDY BROS. MILL CO., MEDORA, INDIANA						
** Bundy Scratch Feed (Contained unground weed seeds)	9.0	9.4	3.0	3.5	3.0	2.0**
Medora 40% Protein Hog Supplement	40.0	41.3	4.0	3.8	6.0	5.3
BUTTS MILLING CO., FULTON, KENTUCKY						
"Butts Special Brand" 16% Protein Dairy Feed	16.0	17.1	2.5	2.6	15.0	13.1
"Butts Super Brand" Hog Feed	16.0	19.0	3.0	3.2	8.0	4.4
CADIZ MILLING CO., CADIZ, KENTUCKY						
Sunbeam 24% Dairy Feed	24.0	23.6	3.0	2.9	12.0	7.3
Sugar Sweet Dairy Feed	16.0	17.6	3.0	2.4	10.0	10.2
** Sunbeam 14% Hog Fattener	14.0	13.8	3.5	3.0	7.0	8.2**
"Sunbeam" Wheat Grey Shorts & Screenings	14.0	14.6	3.0	3.2	6.0	6.0
Sunbeam Wheat Feed & Screening	13.5	13.6	3.0	3.1	8.0	4.8
CALLOWAY COUNTY SOIL IMPROVEMENT ASS'N, MURRAY, KENTUCKY						
"Co-op" Crushed Corn, Cob & Shuck	7.0	8.4	3.0	3.2	11.0	7.7
CAMPBELL'S FEED MILL, KEVIL, KENTUCKY						
** 41% Cottonseed Meal	41.0	40.6	5.0	3.3	12.0	12.5**
CANEYVILLE ROLLER MILL, CANEYVILLE, KENTUCKY						
Kentucky Farm Scratch Feed	9.0	9.8	2.0	3.1	7.0	2.5
"Kentucky Farm Brand" 24% Dairy Feed	24.0	24.5	3.0	4.0	12.0	7.0
C. W. CANN, CLARKSON, KENTUCKY						
** Cann's 20% Laying Mash	20.0	19.3	3.0	4.6	8.0	7.7**
CARLISLE MILL & SUPPLY COMPANY, CARLISLE, KENTUCKY						
Old Kentucky 16% Dairy Feed	16.0	16.9	2.5	3.4	9.0	7.8
CHESTNUT & ANDERSON FEED MILL COMPANY, HOPKINSVILLE, KENTUCKY						
Little River 40% Hog Supplement	40.0	43.0	4.0	4.6	5.0	4.0

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>THE CINCINNATI GRAIN &amp; HAY CO., CINCINNATI, OHIO</b>						
** "No Better Brand" 24% Protein Sweet Dairy Feed	24.0	<u>20.6</u>	3.5	3.5	9.5	8.2**
(Very much below guarantee in protein)						
"No Better Brand" 16% Protein Sweet Dairy Feed	16.0	17.9	3.0	3.7	11.0	8.8
<b>CITIZENS MILLING CO., SOMERSET, KENTUCKY</b>						
** 16% Cumberland Mixed Feed	16.0	<u>15.4</u>	2.5	3.7	10.0	9.0**
16% Cumberland Mixed Feed	16.0	<u>15.7</u>	2.5	4.0	10.0	8.0
** 16% Cumberland Mixed Feed (Contained unground weed seeds)	16.0	18.2	2.5	4.1	10.0	8.5**
<b>H. E. CLARK CO., WINFIELD, KANSAS</b>						
** Hecco 17% Dehydrated Alfalfa Meal	17.0	<u>16.1</u>	1.5	2.5	27.0	<u>28.5**</u>
<b>CLARKSON MILLING CO., CLARKSON, KENTUCKY</b>						
"Fidelity Brand" 18% Protein Pig & Hog Ration	18.0	20.2	3.5	3.5	6.0	5.0
<b>CLAY CENTER ALFALFA DEHYDRATING PRODUCTS CO., CLAY CENTER, KANSAS</b>						
** 17% Dehydrated Alfalfa Meal	17.0	18.9	1.5	2.3	27.0	<u>28.2**</u>
<b>CLELL COLEMAN &amp; SONS, BURGIN, KENTUCKY</b>						
Coleman's Scratch Feed	9.0	10.6	3.0	3.2	5.0	3.0
Big Blue Stock Feed	16.5	16.2	3.5	4.2	6.5	6.0
Coleman's Pig & Hog Feed	16.5	16.0	3.5	4.4	6.0	6.4
Coleman's Pig & Hog Feed	16.5	16.1	3.5	4.5	6.0	6.1
Coleman's Pig & Hog Feed	16.5	16.3	3.5	4.5	6.0	5.9
Hog Fattener	14.0	14.2	3.5	3.5	6.5	5.7
Wheat Mixed Feed	13.0	14.9	3.5	4.3	9.0	6.3
<b>CLIFTY FALLS MILLS, MADISON, INDIANA</b>						
Clifty Falls 20% Protein Chick Starter & Grower	20.0	20.9	3.0	3.9	7.0	5.2
Clifty Falls 17% Protein Starter & Grower	17.0	19.5	3.0	5.8	7.0	6.6
Clifty Falls 17% Protein Starter & Grower	17.0	18.4	3.0	4.3	7.0	5.4
Clifty Falls 17% Protein Grower	17.0	21.6	3.0	5.6	7.0	7.4
Nitrophenide in Clifty Falls 20% Protein Broiler Mash	20.0	21.5	3.0	4.6	7.0	4.8
Clifty Falls 20% Protein Egg Mash	20.0	21.4	3.0	4.3	7.0	6.0
Clifty Falls 20% Protein Egg Mash	20.0	21.3	3.0	4.4	7.0	7.2
Clifty Falls 24% Protein Cow Feed	24.0	24.8	2.5	2.1	10.0	10.2
Clifty Falls 24% Protein Cow Feed	24.0	23.8	2.5	2.5	10.0	8.6
Clifty Falls 24% Protein Cow Feed	24.0	25.1	2.5	2.6	10.0	9.7
** Clifty Falls 20% Protein Dairy Feed (Contained corn cob and oat hulls)	20.0	20.0	3.0	2.6	12.0	9.2**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CLIFTY FALLS MILLS, MADISON, INDIANA (Con't)						
**Clifty Falls 20% Protein Dairy Feed (Contained corn cob and oat hull feed)	20.0	19.5	3.0	2.7	12.0	10.3**
Clifty Falls 16% Protein Cow Feed	16.0	16.9	3.0	2.7	15.0	9.9
** Green Pasture 16% Protein Dairy Feed	16.0	17.0	2.5	2.9	10.0	11.1**
Green Pasture 16% Protein Dairy Feed	16.0	16.7	2.5	2.5	10.0	8.1
** Green Pastures 16% Protein Dairy Feed	16.0	17.1	2.5	2.8	10.0	10.8**
Green Pasture 16% Protein Dairy Feed	16.0	18.8	2.5	3.7	10.0	9.1
Clifty Falls 14% Sweet Fitting Feed, (Dry Cows)	14.0	15.5	2.5	2.4	10.0	9.8
Clifty Falls Horse & Mule Feed	10.0	10.3	2.5	3.2	10.0	4.9
**Clifty Falls 18% Protein Pig & Sow Feed	18.0	16.5	3.0	4.5	6.0	7.8**
Clifty Falls 18% Protein Pig & Sow Feed	18.0	19.5	3.0	4.3	6.0	6.4
CLINTON MILLING CO., INC., CLINTON, KENTUCKY						
Sun-Ray All Mash Laying Ration	16.0	17.2	3.0	4.1	8.0	7.2
** Climco 16% Dairy Feed	16.0	17.3	3.0	1.9	13.0	9.2**
** Sun-Ray 40% Protein Hog Supplement	40.0	39.4	3.5	3.9	8.0	8.9**
** Alfalfa Meal & Molasses	9.0	7.8	1.0	1.0	25.0	14.5**
CLINTON HATCHERY, CLINTON, KENTUCKY						
New Deal 19% Protein Egg Mash	19.0	19.0	3.0	4.5	8.0	6.0
COAST FISHERIES, DIVISION OF THE QUAKER OATS CO., WILMINGTON, CALIF.						
Puss'n Boots Cat Food	12.0	11.6	2.0	1.9	1.0	1.0
COLBY MILLING, COLBY, WISCONSIN						
** Colby Pulverized White Oats	11.5	11.5	3.5	3.4	12.5	13.2**
COMMANDER-LARABEE MILLING CO., MINNEAPOLIS, MINNESOTA						
Sunfed Winter Wheat Gray Shorts and Screenings	16.0	17.7	3.5	4.7	6.0	5.6
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY						
"Our Pride" 20% All Mash Starter & Grower	20.0	19.5	3.0	3.4	6.5	6.0
** "Our Pride" 16% Dairy Feed	16.0	16.1	3.0	2.3	15.0	12.2**
** "Our Pride" 16% Dairy Feed	16.0	16.6	3.0	1.8	15.0	12.2**
COMMUNITY MILL, BELTON, KENTUCKY						
Johnson's Growing Mash	17.0	16.9	2.5	3.6	8.0	7.1
Johnson's Egg Mash	20.0	21.3	2.5	3.0	7.0	6.9
Crushed Ear Corn and Shuck	7.5	7.8	3.0	3.0	8.0	7.5
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
32% Poultry Supplement	32.0	34.3	2.0	5.6	8.0	6.5
Starting & Growing Mash	20.0	20.2	3.0	5.2	6.0	4.9
Starting & Growing Mash	20.0	21.4	3.0	5.2	6.0	4.9
Starting & Growing Mash	20.0	20.3	3.0	5.5	6.0	4.9
Starting & Growing Mash	20.0	21.3	3.0	5.1	6.0	4.8
Growing Mash	17.5	18.1	3.0	4.5	6.5	5.6
Growing Mash	17.5	18.5	3.0	5.4	6.5	5.5

\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COOPERATIVE MILL, INC., CINCINNATI, OHIO (Con't)						
Growing Mash	17.5	18.5	3.0	4.3	6.5	5.3
Growing Mash	17.5	17.7	3.0	5.8	6.5	5.4
Growing Mash	17.5	19.1	3.0	7.3	6.5	5.4
Broiler Maker	22.0	22.2	3.0	5.4	5.0	4.2
Nitrophenide - Arsanilic Acid in Broiler Maker	22.0	22.9	3.0	5.7	5.0	4.8
Nitrophenide-Arsanilic Acid Mixture in Broiler Maker	22.0	22.5	3.0	5.9	5.0	3.9
Nitrophenide in Broiler Maker Finisher	17.0	18.4	3.0	5.3	5.0	3.6
Egg Maker	20.0	21.2	3.0	3.9	8.0	5.2
Egg Maker	20.0	20.9	3.0	4.4	8.0	5.2
Egg Maker	20.0	20.6	3.0	4.1	8.0	5.0
Egg Maker	20.0	20.1	3.0	3.8	8.0	5.5
Egg Maker	20.0	20.9	3.0	4.7	8.0	5.1
Super Breeding Mash	20.0	20.8	3.0	6.3	6.5	5.2
Super Breeding Mash	20.0	22.4	3.0	5.6	6.5	5.7
Super Laying Mash	20.0	19.7	3.0	5.3	6.5	5.5
Super Laying Mash	20.0	21.3	3.0	5.4	6.5	5.5
Intermediate Scratch	9.0	10.1	2.0	2.5	4.5	1.5
Coarse Scratch	10.0	10.1	2.0	3.1	5.0	3.3
Super Coarse Scratch	9.0	9.7	2.0	2.2	3.0	1.9
32% Dairy Supplement	32.0	33.0	2.5	2.7	15.0	10.6
32% Dairy Supplement	32.0	32.2	2.5	2.6	15.0	10.6
32% Dairy Supplement	32.0	33.3	2.5	3.0	15.0	10.8
"Milk Maker Brand" 24% Dairy Feed	24.0	25.7	3.5	3.0	10.0	8.0
Milk Maker 32% Supplement	32.0	33.7	2.5	3.4	10.0	8.0
"Milk Maker Brand" 24% Dairy Feed	24.0	27.3	3.5	3.6	10.0	8.5
"Milk Maker Brand" 24% Dairy Feed	24.0	26.0	3.5	3.4	10.0	8.3
"Milk Maker Brand" 24% Dairy Feed	24.0	25.9	3.5	3.4	10.0	8.4
"Milk Maker Brand" 24% Dairy Feed	24.0	26.5	3.5	3.5	10.0	8.3
20% Milk Maker	20.0	23.2	3.5	3.3	10.0	8.0
20% Milk Maker	20.0	21.4	3.5	4.0	10.0	8.3
20% Milk Maker	20.0	22.0	3.5	3.7	10.0	8.0
20% Milk Maker	20.0	22.5	3.5	4.1	10.0	8.0
"Milk Maker Brand" 20% Dairy Feed	20.0	22.9	3.5	3.6	10.0	7.8
16% Milk Maker	16.0	19.4	3.5	4.6	10.0	8.8
16% Milk Maker	16.0	19.5	3.5	4.6	10.0	8.5
16% Milk Maker	16.0	18.3	3.5	4.2	10.0	8.5
"Milk Maker Brand" 16% Dairy Feed	16.0	19.3	3.5	4.8	10.0	8.2
16% Dari-Flo (coarse texture)	16.0	18.5	3.5	4.2	10.0	8.0
16% Dari-Flo (coarse texture)	16.0	19.1	3.5	3.9	10.0	8.4
16% Pasture Dairy	16.0	18.5	3.0	3.8	11.0	10.5
16% Pasture Dairy	16.0	19.0	3.0	3.9	11.0	10.0
16% Pasture Dairy	16.0	19.0	3.0	3.6	11.0	10.8
16% Pasture Dairy	16.0	18.5	3.0	4.9	11.0	10.4
16% Pasture Dairy	16.0	18.3	3.0	3.0	11.0	11.1
16% Pasture Dairy	16.0	18.5	3.0	4.0	11.0	10.4
16% Utility Dairy	16.0	19.2	3.0	3.5	15.0	13.9
16% Utility Dairy	16.0	16.6	3.0	3.0	15.0	13.5
16% Utility Dairy	16.0	18.7	3.0	2.7	15.0	13.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Con't)</b>						
16% Utility Dairy	16.0	17.9	3.0	3.1	15.0	13.6
Calf Pellets	25.0	26.9	3.0	3.5	7.0	5.6
18% Protein Calf Starter	18.0	19.8	4.0	4.0	8.0	7.6
Sweet Stock Feed	9.0	12.1	2.0	3.6	9.0	6.3
Sweet Stock Feed	9.0	11.9	2.5	2.9	9.0	5.7
Sweet Stock Feed	9.0	12.4	2.5	3.1	9.0	5.7
40% Porkmaker	40.0	41.6	1.5	4.8	8.5	4.5
20% Sow & Pig Feed	20.0	22.4	3.5	6.0	6.0	4.5
20% Sow & Pig Feed (for hogs not on pasture)	20.0	21.4	3.5	5.7	6.0	4.7
20% Sow & Pig Feed	20.0	21.8	3.5	6.1	6.0	4.5
20% Sow & Pig Feed	20.0	20.9	3.5	6.0	6.0	5.1
15% Pork Maker	15.0	16.0	3.0	5.4	8.0	4.4
15% Pork Maker	15.0	15.6	3.5	4.6	8.0	4.2
24% Protein Dog Feed	24.0	24.9	4.0	6.1	5.0	3.5
<b>CRESCENT ROLLER MILLS CO., TAYLORSVILLE, KENTUCKY</b>						
** Crescent Stock Feed	14.0	13.2	3.0	4.3	6.0	5.4
Crescent Stock Feed	14.0	13.6	3.0	4.8	6.0	5.4
**Crescent Stock Feed	14.0	13.0	3.0	3.7	6.0	5.5**
<b>CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY</b>						
Custom Maid 32% Protein Poultry Concentrate	32.0	35.6	3.0	4.0	7.0	7.3
Custom Maid 40% Hog Supplement	40.0	40.4	2.5	5.8	6.5	6.0
<b>DEARBORN MILLS, AURORA, INDIANA</b>						
Dearborn 20% Protein Turkey Grower & Developer	20.0	21.2	3.0	3.8	7.0	6.1
Dearborn 18.5% Protein All Mash Starter & Grower	18.5	20.7	3.5	3.5	5.5	5.0
Dearborn High Energy Broiler Mash	20.0	21.4	3.0	3.7	4.0	3.8
Dearborn 20% Layer	20.0	21.6	3.0	3.5	5.5	5.5
"Success Brand" 20% Laying Mash (Crumbles)	20.0	21.1	3.0	5.3	8.0	7.1
Dearborn Sweet 24% Dairy	24.0	25.5	2.5	5.0	12.5	9.3
Dearborn Sweet 16% Dairy	16.0	18.5	2.5	3.8	15.0	12.9
Dearborn 16% Dairy Feed	16.0	16.6	2.5	5.3	9.5	9.4
Dearborn 16% Dairy Feed	16.0	18.0	2.5	4.7	9.5	9.0
Dearborn 16% Dairy Feed	16.0	17.3	2.5	5.2	9.5	9.5
Dearborn 16% Dairy Feed	16.0	19.3	2.5	5.4	9.5	9.1
Dearborn Dog Food	26.0	29.3	7.0	7.4	4.0	4.3
<b>W. C. DICKEN, MENTOR, KENTUCKY</b>						
"Sunny Grains Brand" 20% Protein Laying Mash	20.0	22.0	3.0	3.6	7.0	5.8
<b>DIXIE MILLS CO., EAST ST. LOUIS, ILLINOIS</b>						
Sulfanilamide & Arsanilic Acid in Dixie Turkey Starter	26.0	26.9	3.0	4.0	6.5	5.5
Nitrophenide in Dixie Pullett Grower	18.0	19.2	3.0	4.0	7.0	6.4

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
DOTHAN OIL MILL CO., DOTHAN, ALABAMA						
41% Protein Solvent Extracted Cottonseed Meal	41.0	41.2	2.0	2.4	14.0	14.0
THE EARLY & DANIEL CO., CINCINNATI, OHIO						
Tuxedo Turkey Starting Mash (Bity Bits)	24.0	23.5	3.0	3.8	7.0	4.5
Tuxedo Turkey Grower Developer Mash	20.0	21.4	3.0	3.8	7.0	5.5
Tuxedo Turkey Growing & Developing Mash	20.0	21.9	3.0	3.7	7.0	5.7
Tuxedo Start & Grow Allmash	17.5	19.6	3.0	5.3	6.5	6.4
Tuxedo Starting, Growing & Developing Mash	17.0	19.3	3.0	4.8	7.0	5.6
Tuxedo Starter, Grower & Developer Mash	17.0	18.4	3.0	4.1	7.0	7.3
Nitrofurazone in Tuxedo Starter, Grower & Developer Mash	17.0	19.4	3.0	4.3	7.0	6.5
Nitrofurazone in Tuxedo Starter, Grower & Developer Mash	17.0	18.3	3.0	4.0	7.0	6.6
Nitrofurazone in Tuxedo Starter, Grower & Developer Mash	17.0	18.2	3.0	4.2	7.0	6.9
Nitrofurazone in Tuxedo Starting & Growing All Mash	17.5	19.2	3.0	5.3	6.5	5.3
Nitrofurazone in Tuxedo, Starting & Growing All Mash	17.5	19.8	3.0	5.8	6.5	4.0
Nitrofurazone in Tuxedo Broiler Finisher Mash	17.0	17.2	3.0	4.3	5.5	4.2
Nitrofurazone in Tuxedo Broiler Finisher Mash	17.0	16.9	3.0	4.1	5.5	3.9
Nitrofurazone in Tuxedo Broiler Finisher Mash	17.0	17.1	3.0	4.8	5.5	3.9
Nitrofurazone & 3-Nitro-4-Hydroxy phenylarsonic Acid in Tuxedo H. E. Broiler Mash	20.0	21.3	4.0	4.2	4.0	3.8
Nitrofurazone and 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tuxedo Broiler Mash	20.0	20.3	3.0	5.0	5.5	5.3
Nitrofurazone and 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tuxedo Broiler Mash	20.0	22.2	3.0	3.9	5.5	5.5
Tuxedo Broiler Finisher Mash	17.0	17.6	3.0	4.3	5.5	4.0
Tuxedo Broiler Finisher Mash	17.0	18.4	3.0	4.3	5.5	3.9
Tuxedo Broiler Mash	20.0	21.8	3.0	4.3	5.5	5.5
Tuxedo Breeder Mash	20.0	21.0	3.0	4.5	7.5	6.3
Tuxedo Special Egg Mash	20.0	20.8	3.0	3.6	8.0	8.0
Tuxedo Special Egg Mash	20.0	22.0	3.0	4.0	8.0	6.5
Tuxedo Special Egg Mash	20.0	22.6	3.0	3.5	8.0	6.2
Tuxedo Special Egg Mash	20.0	22.4	3.0	5.4	8.0	7.2
Eadan Egg Mash	20.0	21.7	3.0	4.5	8.0	7.8
Eadan Egg Mash	20.0	20.8	3.0	4.7	8.0	8.1
Eadan Egg Mash	20.0	22.0	3.0	4.7	8.0	7.7
Eadan Egg Mash	20.0	21.5	3.0	4.3	8.0	7.6

\*S amples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>THE EARLY &amp; DANIEL CO., CINCINNATI, OHIO (Con't)</b>						
Tuxedo Complete Egg Ration	16.0	17.1	3.0	3.9	5.5	5.5
Tuxedo Complete Egg Ration	16.0	18.3	3.0	4.5	7.0	4.9
Tuxedo Chlortetracycline (Aureomycin) & Oxytetracycline (Terramycin) Mixture in Tuxedo Pickup	20.0	22.1	3.0	4.0	5.5	5.2
Tuxedo Scratch Feed	9.0	9.8	2.5	2.5	4.0	3.5
Tuxedo Scratch Feed	9.0	10.7	2.5	2.8	4.0	3.3
Tuxedo 33% Dairy Supplement	33.0	34.0	2.0	2.7	8.5	8.3
Tuxedo Dairy 24%	24.0	24.2	3.0	3.5	9.0	8.6
Tuxedo Special 24% Dairy Feed	24.0	23.7	3.0	3.1	12.0	10.8
** Tuxedo Special 24% Dairy Feed (Very much below guarantee in protein)	24.0	<u>20.7</u>	3.0	3.4	12.0	11.2**
Eadan 24% Dairy	24.0	24.6	3.0	3.5	12.0	12.1
Eadan 24% Dairy	24.0	23.7	3.0	3.7	12.0	12.0
Tuxedo Dairy 20%	20.0	19.9	3.0	3.6	9.5	8.8
Tuxedo 20% Dairy Feed	20.0	20.4	3.0	3.7	9.5	9.5
** Tuxedo Special 20% Dairy	20.0	<u>19.3</u>	3.0	3.3	12.0	12.1**
Tuxedo Special 20% Dairy	20.0	21.4	3.0	3.3	12.0	11.2
Tuxedo Dairy 18%	18.0	20.0	3.0	3.8	10.0	9.3
Tuxedo 16% Dairy Feed	16.0	16.4	3.0	3.5	15.0	12.6
Tuxedo 16% Dairy Feed	16.0	18.7	3.0	3.5	15.0	13.0
Tuxedo 16% Dairy Feed	16.0	17.8	3.0	3.0	15.0	11.8
** Tuxedo 16% Dairy Feed	16.0	16.3	3.0	3.1	15.0	<u>15.6**</u>
Tuxedo 16% Dairy Feed	16.0	17.3	3.0	2.9	15.0	13.4
Tuxedo Chop (For Horses, Mules & Fitting Livestock)	9.0	11.1	3.0	3.3	10.0	8.1
** Tuxedo Special Chop (For Horses, Mules, & for Fitting Livestock)	9.0	10.5	3.0	3.0	12.0	<u>13.4**</u>
Tuxedo Special Chop (for Horses & Mules & for Fitting Livestock)	9.0	12.4	3.0	3.0	12.0	12.0
Tuxedo Big Pig Starter Pellets	18.0	19.0	3.0	3.4	4.0	4.0
Tuxedo Big Pig Starter Pellets	18.0	20.6	3.0	3.8	4.0	3.2
Tuxedo Pig & Sow Meal	16.0	20.3	3.0	4.7	6.0	6.0
Tuxedo Porkmaker	14.0	16.0	3.0	3.8	8.0	8.0
Tuxedo Porkmaker	14.0	15.5	3.0	4.2	8.0	7.4
Tuxedo Porkmaker	14.0	15.9	3.0	4.0	8.0	5.7
Tuxedo Porkmaker	14.0	15.6	3.0	4.5	8.0	7.7
Tuxedo Porkmaker	14.0	15.3	3.0	4.5	8.0	7.8
Tuxedo Bulky Rabbit Ration (Pellets)	15.0	16.5	2.7	4.2	15.0	11.6
Tuxedo Bulky Rabbit Ration (Pellets)	15.0	16.4	2.7	4.2	15.0	11.3
<b>THE F. L. EMMERT CO., CINCINNATI, OHIO</b>						
"Molasso-Malt Brand" 22% Protein Dried Brewers Grain & Molasses	22.0	21.8	5.0	5.8	14.0	10.2
"Molasso-Malt Brand" 22% Protein Dried Brewers Grains & Molasses	22.0	23.0	5.0	5.8	14.0	10.9
"Molasso-Malt Brand" 22% Protein Dried Brewers Grains & Molasses	22.0	22.3	5.0	6.0	14.0	10.9

\*\*5 samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>JOHN W. ESHELMAN &amp; SONS, LANCASTER, PENNSYLVANIA</b>						
Red Rose 30% Turkey Supplement	30.0	31.2	3.0	4.9	9.0	8.0
Red Rose Broiler Finisher	18.0	20.8	3.5	4.0	6.5	5.5
Lancaster Scratch Grains	9.0	10.1	2.0	2.3	4.0	3.7
Red Rose 32% Dairy Supplement	32.0	34.3	2.5	3.3	9.0	8.4
Red Rose 24% Dairy Feed	24.0	23.9	3.0	3.4	9.5	8.7
Kentucky Challenge 24% Protein Dairy Feed	24.0	24.0	2.5	2.3	15.0	11.2
Kentucky Challenge 24% Protein Dairy Feed	24.0	24.8	2.5	2.7	15.0	11.3
Red Rose 20% Dairy Feed	20.0	20.3	3.0	3.4	9.5	9.0
Eshelman Red Rose Hog Meal	16.0	17.3	3.5	4.8	8.0	8.0
Eshelman Red Rose Hog Meal	16.0	19.2	3.5	3.8	8.0	7.8
<b>EVANS MILLING CO., INDIANAPOLIS, INDIANA</b>						
Em-Co Hominy Feed	10.0	11.0	5.0	5.7	7.0	4.5
Em-Co Hominy Feed	10.0	10.5	5.0	5.3	7.0	3.7
<b>EXCHANGE MILLING CO., STURGIS, KENTUCKY</b>						
20% Imperial Brand Chick Starter	20.0	21.8	2.5	3.5	7.0	5.8
Imperial Brand 16% Protein Dairy Feed	16.0	19.6	2.5	2.8	15.0	12.1
Imperial Brand 33% Hog Supplement	33.0	35.8	1.5	1.4	10.0	9.2
<b>EXCELSIOR MILLING CO., MINNEAPOLIS, MINNESOTA</b>						
Camel Hard Wheat Mixed Feed	15.0	15.6	4.0	4.5	9.5	7.8
<b>FAMOUS FEED MILLS, NASHVILLE, TENNESSEE</b>						
Uncle Dan 16% Dairy Feed	16.0	19.7	2.5	7.0	15.0	9.9
"Famous Brand" Calf Fitting Feed	15.0	20.3	2.5	5.3	12.0	11.0
Golden Gain 40% Hog Supplement	40.0	42.4	3.0	4.1	7.0	6.3
"Famous Brand" 40% Hog Supplement	40.0	41.9	4.0	3.6	7.0	5.4
Famous 32% Sow & Pig Supplement	32.0	38.6	2.5	4.6	9.0	6.8
"Famous Brand" Pig & Hog Ration	18.0	19.1	3.0	4.3	6.0	6.2
<b>FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY</b>						
** Feeders Friend 32% Steer Supplement (Very much above guaranty in fiber) (5.2% excess non-protein nitrogen from urea)	32.0	37.6	2.5	3.8	8.0	<u>12.3**</u>
<b>FARMERS FEED MILL, LEXINGTON, KENTUCKY</b>						
"Farmers Best Brand" 20% Protein Starter & Grower Mash	20.0	21.6	4.5	4.1	7.0	6.2
<b>FARMERS FEED STORE, CENTRAL CITY, KENTUCKY</b>						
"Veribest Brand" 18% Protein Growing Mash	18.0	20.9	3.5	3.3	7.0	5.3
"Veribest Brand" 20% Protein Laying Mash	20.0	19.7	3.5	3.0	8.0	6.6
<b>FARMERS FEED &amp; SUPPLY COMPANY, ARLINGTON, KENTUCKY</b>						
** Farmers 20% Laying Mash	20.0	21.9	3.5	<u>2.5</u>	7.5	5.1**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>FARMERS &amp; MERCHANTS MILLING CO., BROOKSVILLE, KENTUCKY</b>						
Mixed Feed	14.5	14.5	3.0	4.5	8.0	5.8
Coarse Cracked Corn	9.0	9.3	3.7	3.6	2.5	1.9
<b>FARMERS MILLING CO., SOMERSET, KENTUCKY</b>						
Spotlight 20% Starter-Grower						
All Mash	20.0	20.0	3.0	6.2	7.0	3.6
Farmers Spotlight 20% Egg Mash	20.0	20.8	3.0	4.8	7.0	4.4
Farmers Spotlight 20% Egg Mash	20.0	20.3	3.0	5.4	7.0	4.5
Farmers 16% Mixed Feed	16.0	15.5	3.0	6.1	10.0	9.0
Spotlight Stock Feed	12.0	16.2	2.5	6.1	15.0	10.3
** Farmers Hog Feed	16.0	15.1	5.0	6.4	8.0	5.8**
** Farmers XXX Brand Stock Feed	12.5	<u>11.9</u>	2.5	5.5	15.0	11.2**
<b>FARMERS UNION MILL, VERSAILLES, KENTUCKY</b>						
Mixed Feed	13.0	13.1	4.5	5.4	8.5	6.7
Mixed Feed	13.0	15.0	4.5	6.3	8.5	7.4
<b>THE FAUBUSH MILLING CO., FAUBUSH, KENTUCKY</b>						
Faubush Mixed Feed	16.0	16.3	2.5	3.3	10.0	7.5
<b>FERGUSON BROTHERS, ALBANY, KENTUCKY</b>						
"C & C Yellow Tag Brand" 16% Dairy Feed	16.0	18.3	2.5	3.1	10.0	7.2
<b>FERNCLIFF FEED &amp; GRAIN CO., LOUISVILLE, KENTUCKY</b>						
"P. D. Q. Brand" 17% Starting & Growing Mash	17.0	19.5	2.5	4.1	7.0	4.3
Cracker Jack 20% Starting & Growing Mash	20.0	21.8	2.5	3.5	7.0	5.0
Cracker Jack 20% Egg Mash	20.0	21.7	2.5	4.0	8.0	6.0
Cracker Jack 20% Egg Mash	20.0	22.4	2.5	3.6	8.0	5.7
P. D. Q. 20% Protein Laying Mash	20.0	21.7	2.5	3.2	8.0	4.2
P. D. Q. Brand Scratch Feed	8.0	9.9	3.0	3.4	5.0	2.1
Cracker Jack 32% Dairy Supplement	32.0	32.5	2.0	2.8	10.0	6.4
Ferncliff 24% Dairy Feed	24.0	25.8	2.5	3.8	11.0	9.2
** Ferncliff 24% Dairy Feed (0.24% excess non-protein nitrogen from urea)	24.0	29.6	2.5	4.0	11.0	7.3**
Ferncliff 24% Dairy Feed	24.0	26.0	2.5	3.5	11.0	6.9
"Cracker Jack Brand" 24% Protein Sweet Dairy Feed	24.0	24.6	3.0	3.4	10.0	7.8
Sweet 16% Dairy Feed	16.0	15.5	2.5	3.6	15.0	6.0
** 16% Dairy Feed (Very much below guarantee in protein)	16.0	<u>12.6</u>	2.5	2.3	15.0	5.4**
Cracker Jack Horse & Mule Feed	9.0	10.3	3.0	3.8	6.0	6.5
Cracker Jack Pig & Sow Feed	18.0	20.4	3.0	5.8	6.0	4.5
Cracker Jack Brand Wheat Gray Shorts with Screenings	16.0	15.8	3.5	4.8	6.0	4.6

\*\* Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
FIELD PACKING CO., OWENSBORO, KENTUCKY						
** Fields 50% Protein Meat Scraps	50.0	55.1	10.0	9.3	3.0	1.3**
FLAMBEAU MILLING CO., PHILLIPS, WISCONSIN						
Mixed Feed Oats	11.0	12.3	3.0	4.9	14.7	14.8
HENRY FISCHER PACKING CO., INC., LOUISVILLE, KENTUCKY						
"Mellwood Brand" 60% Protein Digester Tankage	60.0	60.8	5.0	8.0	2.5	1.9
FORTUNE FEED MILLS, NASHVILLE, TENNESSEE						
Fortune Sweet Feed	9.0	9.5	1.0	3.8	15.0	15.0
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY						
"Producer" Starter & Grower Mash	20.0	23.0	3.0	3.7	7.0	6.2
"Producer" Egg Mash	20.0	21.9	3.0	3.6	7.0	6.0
"Producer" Egg Mash	20.0	22.1	3.0	3.5	7.0	5.7
Producer Scratch Feed	8.0	10.1	2.5	3.0	3.0	2.4
Producer Scratch Feed	8.0	8.8	2.5	3.2	3.0	2.0
** "Blue Grass" 33% Dairy Concentrate (1.85% excess non-protein nitrogen from urea)	33.0	35.3	2.0	3.0	8.0	7.7**
** "Blue Grass" 33% Dairy Concentrate (with Urea) (1.05% excess non-protein nitrogen from Urea)	33.0	36.0	2.0	3.0	8.0	7.5**
** "Blue Grass" 33% Dairy Concentrate (0.55% excess non-protein nitrogen from Urea)	33.0	34.1	2.0	2.7	8.0	7.5**
** "Blue Grass" 24% Dairy Feed (0.26% excess non-protein nitrogen from Urea)	24.0	27.4	3.0	3.7	9.0	7.1**
** "Blue Grass" 24% Dairy Feed (with Urea) (0.70% excess non-protein nitrogen from Urea)	24.0	29.0	3.0	4.3	9.0	7.1**
"Blue Grass" 24% Dairy Feed (with Urea)	24.0	25.5	3.0	4.0	9.0	8.4
** Producer 24% Protein Dairy (1.74% excess non-protein nitrogen from Urea)	24.0	28.3	2.5	2.6	11.0	5.7**
Producer 24% Protein Dairy	24.0	28.5	2.5	2.6	11.0	6.7
Producer 24% Protein Dairy	24.0	29.6	2.5	5.1	11.0	7.7
Blue Grass 20% Dairy Feed (with Urea)	20.0	26.5	3.0	3.0	9.0	7.6
Blue Grass 20% Dairy Feed (with Urea)	20.0	26.3	3.0	3.2	9.0	7.3
Blue Grass 20% Dairy Feed (with Urea)	20.0	27.0	3.0	4.7	9.0	7.5
** Blue Grass 20% Dairy Feed (with Urea) (0.3% excess non-protein nitrogen from Urea)	20.0	27.6	3.0	4.6	9.0	7.0**
Blue Grass 20% Dairy Feed (with Urea)	20.0	28.0	3.0	4.6	9.0	7.4
Blue Grass 16% Dairy Feed	16.0	25.2	3.0	3.8	9.0	7.2

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY (Con't)</b>						
Producer 16% Protein Dairy Feed	16.0	19.3	2.5	3.8	14.0	13.4
Producer 16% Protein Dairy Feed	16.0	17.4	2.5	2.1	14.0	13.0
** Producer 16% Protein Dairy Feed (0.76% excess non-protein nitrogen from Urea)	16.0	20.0	2.5	2.5	14.0	11.7**
** Producer 16% Protein Dairy Feed	16.0	18.1	2.5	1.9	14.0	11.9**
** Producer 16% Protein Dairy Feed (0.46% excess non-protein nitrogen from Urea)	16.0	18.7	2.5	2.2	14.0	14.4**
Producer 16% Protein Dairy Feed	16.0	21.7	2.5	3.9	14.0	11.6
Producer 16% Protein Dairy Feed	16.0	18.4	2.5	3.6	14.0	12.6
** Producer 16% Protein Dairy Feed	16.0	16.8	2.5	2.9	14.0	14.9**
** Producer 16% Protein Dairy Feed	16.0	21.4	2.5	2.5	14.0	14.6**
"Blue Grass" Horse & Mule Feed	9.0	11.0	3.5	3.5	6.0	5.6
"Blue Grass" 40% Pig & Hog Supplement	40.0	42.7	2.5	3.2	8.0	5.7
"Blue Grass" 40% Pig & Hog Supplement	40.0	41.9	2.5	4.1	8.0	7.4
Cracked Corn	8.0	8.8	3.5	3.2	2.5	1.8
<b>FUHRER-FORD MILLING CO., MT. VERNON, INDIANA</b>						
Wheat Gray Shorts & Screenings	16.0	17.3	4.0	4.7	6.0	5.9
<b>GAINER MILLS, INC., SPRINGFIELD, ILLINOIS</b>						
Gainer Economy Dairy Feed	16.0	17.6	2.5	2.7	15.0	12.3
Gainer Dog Feed	24.0	25.5	4.0	6.6	4.0	3.6
<b>GARDEN ST. MILL &amp; ELEVATOR, LOUISVILLE, KENTUCKY</b>						
** Garden 16% Protein Dairy Feed	16.0	16.5	3.0	2.4	15.0	12.5**
Garden 16% Protein Dairy Feed	16.0	16.7	3.0	2.8	15.0	13.0
Garden 16% Protein Dairy Feed	16.0	17.8	3.0	2.6	15.0	13.0
<b>GARDNER WHITE, PRINCETON, KENTUCKY</b>						
** Home Town Crushed Ear Corn & Shuck (Contained Mixed Screenings)	7.0	8.0	3.0	2.5	11.0	6.3**
<b>GARRARD MILLS, LANCASTER, KENTUCKY</b>						
Big G 18% Protein Sow & Pig Feed	18.0	20.3	3.5	3.5	6.0	5.1
<b>GENERAL DISTRIBUTORS, COVINGTON, KENTUCKY</b>						
General Feeds, Heavy Milker Brand 16% Dairy Feed	16.0	18.6	3.0	4.0	12.0	6.0
<b>GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA</b>						
Larro Poultry Surehatch 38% Concentrate for Mixing with Grains	38.0	40.3	1.5	2.0	8.0	7.0
Larro Surepoult, Turkey Starting & Growing Mash, Crumbles	24.0	26.2	2.5	3.0	6.0	5.7
Larro Surelay Complete "HE" Feed For Laying Hens	16.0	17.3	2.5	3.3	5.0	3.9

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA, (Con't)						
Larro Surelay "HE" Feed for Laying Hens, Crumbles	20.0	21.3	2.5	3.7	7.0	6.3
Larro Suremilk 33% Concentrate (for Mixing only to be fed to Ruminants only)	33.0	36.7	2.0	3.3	11.0	8.2
Larro SureMilk 32% Dairy Concentrate	32.0	33.1	2.0	2.4	11.0	7.6
Larro SureMilk 20% Dairy Feed	20.0	22.4	2.5	3.1	12.0	7.7
Larro SureMilk 20% Dairy Feed	20.0	21.7	2.5	2.9	12.0	7.8
Larro SureMilk 16% Dairy Feed	16.0	17.8	2.5	3.9	12.0	8.1
Larro SurePig Feed for Suckling Pigs	20.0	21.4	3.0	3.2	4.5	4.0
Larro SurePig Feed for Suckling Pigs	20.0	21.6	3.0	3.8	4.5	3.9
Larro SurePork Complete All Purpose Hog Feed	15.0	16.6	3.0	4.0	6.0	4.4
Larro SurePork Complete Hog Feed	15.0	17.2	3.0	3.7	6.0	5.2
Washburn's Gold Medal Wheat Gray Shorts	16.0	17.7	3.5	4.0	6.0	5.7
GERMANTOWN MILLING CO., GERMANTOWN, KENTUCKY						
Mixed Feed	14.0	14.3	3.0	3.7	8.0	5.8
GLASGOW TRADING CENTER, GLASGOW, KENTUCKY						
Chowmix 16% Dairy Feed	16.0	15.5	3.0	2.8	10.0	9.6
THE GLIDDEN CO., FEED MILL DIVISION, INDIANAPOLIS, INDIANA						
Glidden Complete Turkey Grower	20.0	20.7	2.5	2.9	7.0	6.3
EDWARD F. GOEKE SONS, INC., EVANSVILLE, INDIANA						
** Ultrak Brand Grower Mash	17.0	17.6	3.5	3.2	6.0	<u>7.2**</u>
** "AP" 17% Protein All Purpose Poultry Mash	17.0	17.9	3.0	3.6	5.0	<u>7.6**</u>
** Eggo 18% Protein Egg Mash	18.0	19.3	3.0	2.8	5.0	<u>7.8**</u>
"Big Gee Brand" Horse & Mule Feed	10.0	10.1	2.5	3.0	12.0	8.3
** Goeke's 20% Pig & Hog Feed	20.0	10.1	3.0	4.0	5.0	<u>6.4**</u>
Goeke's Mixed Feed	15.0	19.9	3.0	3.1	7.0	6.1
GOLDCAMP MILL CO., IRONTON, OHIO						
** Eggo 20% Laying Mash	20.0	21.3	3.5	4.0	7.0	<u>7.7**</u>
** "Milco White Brand" 24% Protein Dairy Feed (0.6% excess non-protein nitrogen from Urea)	24.0	26.8	3.5	<u>1.9</u>	15.0	8.9**
"Cream Flow Brand" 24% Protein Dairy Feed	24.0	25.0	3.5	3.5	10.0	8.7
GOLDENROD OIL MEAL SALES CO., MEMPHIS, TENNESSEE						
** Goldenrod Cottonseed Meal	41.0	<u>39.6</u>	3.0	4.6	14.0	12.2**
GREENUP MILLING COMPANY, GREENUP, KENTUCKY						
Greenup Milling Company 24% Dairy Feed	24.0	24.8	2.5	2.4	12.0	11.3

\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>GWINN BROS. &amp; CO., HUNTINGTON, WEST VIRGINIA</b>						
Gwinn's Merit Brand 20% Starter & Grower	20.0	21.0	3.0	4.2	7.0	7.0
Gwinn's Merit Brand 20% Laying Mash	20.0	19.8	3.0	3.2	8.0	6.8
Gwinn's Tip Top Brand 24% Dairy Feed	24.0	26.1	2.5	2.0	15.0	13.0
Sweet Acre 24% Dairy Feed	24.0	24.7	2.5	2.5	15.0	13.0
Sweet Acre 16% Dairy Feed	16.0	19.1	2.5	2.0	15.0	13.6
Gwinn's 18% Pig & Hog Feed	18.0	17.9	3.0	4.0	6.0	6.2
Wheat Standard Middlings	14.0	16.5	3.0	4.4	7.5	7.8
<b>HALES &amp; HUNTER CO., CHICAGO, ILLINOIS</b>						
Red Comb Turkey Grower	21.0	20.5	3.0	4.5	7.0	5.6
Red Comb Cuba Sulfaquinoxaline Mix	20.0	21.5	3.0	5.5	5.0	4.7
Red Comb Growing Mash	18.0	18.6	3.0	5.1	7.0	6.0
Red Comb Growing Mash	18.0	19.0	3.0	4.4	7.0	6.0
Red Comb Nitrophenide Arsanilic Acid Mix in Red Comb Broiler Ration	18.0	18.8	3.0	5.9	6.0	4.9
Red Comb Nitrophenide Arsanilic Acid Mix in Red Comb Broiler Mash	20.0	21.5	3.0	4.7	5.0	4.8
Red Comb Nitrophenide Arsanilic Acid Mix in Red Comb Broiler Ration	18.0	18.4	3.0	5.0	6.0	5.4
Red Comb Egg Mash	20.0	20.4	3.0	4.0	7.0	5.6
Red Comb Egg Mash	20.0	20.7	3.0	4.4	7.0	5.1
Red Comb Egg Mash	20.0	21.4	3.0	4.6	7.0	5.9
Red Comb Poultry Flesher	15.0	15.1	3.0	5.7	6.0	4.2
Pioneer 18% Protein Dairy Feed	18.0	18.7	3.5	3.1	9.0	7.2
Gold Flake Dairy 16	16.0	16.7	3.0	2.8	10.0	7.5
<b>HANCOCK &amp; FRANKLIN MILLS, LOUISVILLE, KENTUCKY</b>						
"Arrow" Egg Mash	20.0	22.6	3.0	4.2	7.0	6.2
** Arrow 24% Protein Dairy Feed (0.34% Excess non-protein nitrogen from Urea)	24.0	30.0	2.5	4.7	11.0	7.4**
** Arrow 16% Dairy Feed (0.46% Excess non-protein nitrogen from Urea)	16.0	21.2	2.5	3.0	15.0	10.4**
Arrow Horse & Mule Feed	9.0	11.0	3.5	3.6	6.0	4.6
<b>HARDIN COUNTY MILLS, ELIZABETHTOWN, KENTUCKY</b>						
Emerson's 17% Protein Growing Mash	17.0	19.5	2.5	3.8	7.0	5.2
Emerson's Sow & Pig Feed	18.0	19.8	3.5	3.7	6.0	4.7
<b>HARDIN MILLING CO., HARDIN, KENTUCKY</b>						
** Marco 40% Protein Hog Supplement	40.0	41.8	4.0	3.6	7.0	<u>8.4</u> **
<b>HARDY BROS. MILL, WALTON, KENTUCKY</b>						
Master 18% Growing Mash	18.0	19.5	2.5	3.2	7.0	4.9
Master 20% Egg Mash	20.0	21.7	2.5	2.8	7.0	5.9
Hardy's Special 16% Dairy Feed	16.0	16.0	3.0	2.5	9.5	7.0
** Special Steer Feed (36% Ground Corn Cobs, Ground Ear Corn, Dried Brewers Grains, Molasses & Minerals)	8.5	<u>7.0</u>	1.5	<u>.8</u>	16.0	13.3**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE P. H. HARSHA MILLING CO., PORTSMOUTH, OHIO						
** "Harsha's Dixie-Sweet Brand" 24% Dairy Feed	24.0	23.9	3.0	<u>2.4</u>	12.0	11.1**
R. L. HARRISON'S & SON, BAGDAD, KENTUCKY						
** Harrison's 95% Grain Horse & Mule Feed	9.0	9.7	3.5	<u>2.7</u>	7.0	4.2**
Harrison's 95% Grain Horse & Mule Feed	9.0	9.7	3.5	3.0	7.0	5.4
Wheat Gray Shorts & Screenings	16.0	16.0	4.0	4.7	6.0	4.9
Hominy Feed	9.0	9.3	6.0	5.9	8.0	4.7
G. M. HAYCRAFT & SON, LEITCHFIELD, KENTUCKY						
Haycraft's 20% Turkey Grower	20.0	20.7	3.0	3.8	8.0	5.1
3-Nitro-4-Hydroxyphenylarsonic Acid & Sulfanilamide in Haycrafts 28% Protein Turkey Starter	28.0	28.2	3.0	3.4	6.5	6.1
Haycraft's 20% Protein Dairy Feed	20.0	21.7	3.0	3.1	9.0	7.6
HAYDON MILL & GRAIN CO., SPRINGFIELD, KENTUCKY						
Magic Broiler Mash Special	20.0	19.7	3.0	3.6	4.0	3.4
** 3-Nitro-4-Hydroxyphenylarsonic Acid & Sulfanilamide in Magic Broiler Mash	20.0	<u>18.6</u>	2.5	4.2	6.0	3.8**
Magic Super All Mash Laying Mash	16.0	<u>18.5</u>	2.5	4.2	8.0	4.6
Magic Super All Mash Laying Mash	16.0	18.5	2.5	3.6	8.0	4.6
"Magic Brand" 16% Sweet Dairy Feed	16.0	18.9	2.5	3.3	10.0	8.2
"Magic 4-2-2 Brand" 16% Dairy Feed	16.0	18.1	2.5	3.0	10.0	5.7
** "Magic Brand" Pig & Sow Feed	16.0	16.1	3.0	5.0	6.0	<u>6.6**</u>
** "Magic Brand" Pig & Sow Feed	16.0	15.9	3.0	5.4	6.0	<u>7.2**</u>
"Magic Brand" 14% Hog Fattener	14.0	16.3	3.0	6.7	7.0	6.1
Corn By-Products Feed	8.0	9.8	4.0	5.6	7.5	4.5
EDWIN C. HAWKINS, PADUCAH, KENTUCKY						
** "Record Brand" 16% Dairy Feed	16.0	15.6	3.0	<u>2.4</u>	15.0	12.9**
DR. HEINZ CO., WASHINGTON C. H., OHIO						
** Heinz Nu-Way All-Mash Growing Ration (Contained Mixed Screenings)	17.0	18.7	3.0	4.8	7.0	6.4**
Century Egg Mash	18.0	19.5	3.5	3.3	8.0	7.4
** Century Egg Mash (Contained Mixed Screenings)	18.0	18.8	3.5	3.9	8.0	7.5**
** Heinz Nu-Way 24% Dairy Feed (Very much below guarantee in protein)	24.0	<u>20.7</u>	3.0	3.4	9.5	7.4**
Heinz Nu-Way 16% Dairy Feed	16.0	22.5	3.5	3.5	9.0	6.8
Heinz Nu-Way Pig & Sow Ration	18.0	21.8	3.5	4.0	6.0	4.8
HELMERS FEED & SUPPLY CO., OWENSBORO, KENTUCKY						
Chowmix 20% Protein Laying Mash	20.0	19.7	3.0	3.8	7.5	4.3
HENDERSON FEED & COMMISSION COMPANY, HENDERSON, KENTUCKY						
"Jim Dandy Brand" 18% Protein Poultry Ration (All-Purpose All-Mash)	18.0	20.0	3.0	3.6	5.5	4.5

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HENDERSON FEED & COMMISSION COMPANY, HENDERSON, KENTUCKY (Con't)						
Cracked Corn	8.0	7.9	3.0	2.9	2.5	2.3
HICKMAN COUNTY FEED MILL, CLINTON, KENTUCKY						
** "Standard Brand" 16% Protein Dairy Feed	16.0	16.5	2.5	2.3	10.0	11.5**
"Standard Brand" 40% Hog Supplement	40.0	44.5	4.0	3.8	8.5	6.0
HOME MILLING CO., GREENVILLE, KENTUCKY						
"Happy Home Brand" All Mash Poultry Ration	18.0	19.4	3.5	5.5	7.0	5.6
"Happy Home Brand" All Mash Poultry Ration	18.0	19.1	3.5	3.3	7.0	6.3
** Happy Home 16% Sweet Dairy Feed	16.0	14.8	3.0	2.4	15.0	12.7**
"Farm-Wa Brand" Dairy Feed	16.0	18.3	4.0	3.8	12.0	7.2
** "Farm-Wa Brand" Dairy Feed (1% excess non-protein nitrogen from Urea)	16.0	21.1	4.0	3.8	12.0	10.9**
** Champion 40% Hog Supplement	40.0	39.3	3.0	7.3	8.5	7.5**
** Happy Home Hog Ration (Very much above guarantee in fiber)	16.0	15.2	3.0	4.9	8.0	10.3**
** Happy Home Hog Ration	16.0	15.7	3.0	4.3	8.0	9.3**
"Champion Brand" Mixed Feed	11.5	13.3	3.3	3.5	5.9	6.2
** "Happy Home Brand" Cracked Corn	9.0	9.0	3.7	2.5	2.5	1.9**
"Happy Home Brand" Hominy Feed	10.0	9.9	7.0	6.1	6.0	2.9
HOPKINSVILLE MILLING CO., HOPKINSVILLE, KENTUCKY						
"Life Cycle Brand" 18% Protein Poultry Ration	18.0	19.3	3.5	3.9	7.0	6.7
"Sunflower Brand" Scratch Feed	9.0	9.9	3.0	3.1	5.0	2.2
"Sunflower Brand" Scratch Feed	9.0	10.0	3.0	3.0	5.0	2.1
** Sunflower Wheat Brown Shorts with Screenings	15.0	15.8	3.5	4.5	7.5	8.3**
** Hominy Feed	10.0	9.9	7.0	6.1	8.0	4.8**
HORSE CAVE MILLS, HORSE CAVE, KENTUCKY						
Scratch Feed	8.0	9.8	2.5	2.7	4.0	2.4
** Ground Wheat (Very much above guarantee in fiber)	12.0	12.8	2.0	2.8	3.0	5.2**
HUMPHREYS-GODWIN CO., MEMPHIS, TENNESSEE						
** Dixie Brand 41% Cottonseed Meal	41.0	39.6	4.0	4.8	12.0	12.5**
JASPER MILLING COMPANY, SCIENCE HILL, KENTUCKY						
Scratch Feed	8.0	9.1	2.5	2.4	5.0	2.0
JONES PACKING CO., PADUCAH, KENTUCKY						
Jones' 45% Protein Tankage	45.0	46.7	10.0	15.9	4.0	3.0

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
IGLEHEART BROTHERS DIV. OF GENERAL FOODS, EVANSVILLE, INDIANA						
Mill Run Wheat Feed with Ground Wheat Screenings	15.0	15.6	4.0	4.3	9.5	6.7
Mill Run Wheat Feed with Ground Wheat Screenings	15.5	15.6	4.0	4.0	9.5	6.4
J. F. IMBS MILLING CO., ST. LOUIS, MO.						
Charm Wheat Gray Shorts with Screenings	16.0	15.6	4.0	3.8	6.0	4.8
KASCO MILLS INC., TOLEDO, OHIO						
Kasco Turkey Grower	20.0	20.0	3.5	3.8	7.0	5.9
Kasco Hrse Feed	10.0	10.9	2.5	3.4	10.0	6.7
KECO MILLING CO., MCKENZIE, TENNESSEE						
** Keco 16% Dairy Feed	16.0	18.9	2.5	3.5	15.0	15.9**
Thrifty 16% Dairy Feed	16.0	18.8	2.5	4.4	15.0	13.2
Keco Sweet Feed	9.0	11.0	2.0	2.4	15.0	11.8
KELLER HAY & GRAIN CO., NEWPORT, KENTUCKY						
Big K All-Mash Laying	16.0	17.1	3.5	3.9	7.0	5.5
KELLOGG COMPANY, BATTLE CREEK, MICHIGAN						
Hominy Feed	9.5	10.6	6.0	7.3	5.0	3.6
KENTUCKY ANIMAL BY-PRODUCTS CO., RUSSELLVILLE, KENTUCKY						
** "Blue Ribbon Brand" 50% Tankage	50.0	48.6	6.0	13.6	3.0	1.9**
"Blue Ribbon Brand" 50% Tankage	50.0	50.2	6.0	15.3	3.0	2.3
KENTUCKY BY-PRODUCTS CORP., LOUISVILLE, KENTUCKY						
Du-Molass (Cane Blackstrap Molasses, Wheat Bran & Calcium Carbonate)	8.0	8.8	.8	.9	8.0	4.4
KENTUCKY CHEMICAL INDUSTRIES, CINCINNATI, OHIO						
** "K-C" 50% Protein Meat & Bone Scraps	50.0	52.4	4.0	8.6	2.0	2.7**
F. W. KIBLER MILLING CO., MT. ORAB, OHIO						
Kibler 20% Egg-Breeder Mash	20.0	22.2	3.0	4.5	7.0	4.8
KUTTAWA MILLING CO., KUTTAWA, KENTUCKY						
Wheat & Corn Chops	9.0	10.3	3.0	2.6	5.0	2.1
Wheat Feed	12.0	16.6	3.5	3.8	9.0	6.9
LASWELL MILLING CO., BRODHEAD, KENTUCKY						
Wheat Feed with Screenings	12.0	14.6	3.5	3.3	7.0	4.7
LAUHOFF GRAIN CO., DANVILLE, ILLINOIS						
Vermilion Hominy Feed	9.0	10.5	5.0	5.5	6.0	5.1
Vermilion Hominy Feed	9.0	11.5	5.0	6.4	6.0	5.0

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>LEWISBURG ROLLER MILL, LEWISBURG, KENTUCKY</b>						
"Coon Range Economy Brand" 20% Laying Mash	20.0	21.2	3.5	4.3	8.0	7.3
** Milk Maid Sweet 16% Dairy	16.0	<u>14.7</u>	2.5	2.4	10.0	11.0**
** "Economy Brand" 16% Dairy Feed (Very much below guarantee in protein)	16.0	<u>12.9</u>	2.5	2.5	15.0	12.6**
** "Economy Brand" 16% Dairy Feed	16.0	<u>15.4</u>	2.5	3.1	15.0	12.2**
"Coon Range" Cracked Corn (Coarse)	8.0	<u>8.8</u>	3.5	3.7	3.0	1.9
<b>LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY</b>						
** "Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing All Mash	20.0	21.4	3.5	4.3	6.0	<u>6.9**</u>
** "Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing All Mash	20.0	20.5	3.5	4.2	6.0	<u>6.9**</u>
** "Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing All Mash	20.0	19.8	3.5	4.5	6.0	<u>6.6**</u>
"Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing All Mash	20.0	20.0	3.5	4.0	6.0	6.4
"Thoroughbred Brand" (Kentucky Queen) 20% Protein Broiler Ration	20.0	21.2	3.5	4.2	6.0	6.1
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.0	3.0	3.8	8.0	8.3
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.6	3.0	4.3	8.0	8.1
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	27.2	3.0	3.3	8.0	4.0
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	26.3	3.0	4.6	8.0	8.0
"Thoroughbred Brand" 20% Protein Sweet Dairy Feed	20.0	22.3	3.0	4.1	9.0	8.0
"Thoroughbred Brand" 20% Protein Sweet Dairy Feed	20.0	20.0	3.0	3.3	9.0	7.1
** "Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	<u>14.9</u>	3.0	3.8	10.0	7.0**
"Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	18.5	3.0	5.5	10.0	8.0
"Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	16.8	3.0	3.6	10.0	8.1
** "Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	19.0	3.0	<u>2.0</u>	15.0	11.1**
"Sweet Sue" 16% Protein Sweet Dairy Feed (1.78% excess non-protein nitrogen from Urea)	16.0	18.8	3.0	3.1	15.0	13.1**
"Sweet Sue" 16% Protein Sweet Dairy Feed (0.68% excess non-protein nitrogen from Urea)	16.0	17.8	3.0	<u>2.1</u>	15.0	14.1**
Suzy-Q-Brand Stock Feed	10.0	11.9	3.0	3.9	15.0	11.7

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>LEXINGTON ROLLER MILLS, INC., LEXINGTON, KENTUCKY, (Con't)</b>						
"Thoroughbred Brand" Horse & Mule Feed	9.0	10.2	3.0	3.3	6.0	4.3
"Thoroughbred Brand" Horse & Mule Feed	9.0	9.4	3.0	3.4	6.0	4.2
"Thoroughbred Brand" 16% Pig & Hog Ration	16.0	19.3	3.0	3.4	6.0	6.4
"Thoroughbred Brand" 16% Pig & Hog Ration	16.0	18.3	3.0	3.2	6.0	6.4
"Thoroughbred" Wheat Brown Shorts and Screenings	15.0	14.7	4.0	4.4	7.5	7.8
<b>LONDON FEED &amp; MILLING CO., LONDON, KENTUCKY</b>						
Laurel Special Stock Feed	14.5	17.4	3.0	4.4	7.0	5.2
<b>LILLIE MILL COMPANY, FRANKLIN, TENNESSEE</b>						
Lily Brown Shorts with Mill Run Ground Wheat Screenings	15.0	14.7	3.5	3.8	7.0	6.5
<b>L. B. LOVITT &amp; COMPANY, MEMPHIS, TENNESSEE</b>						
** Lovitt Brand 41% Protein Cottonseed Meal	41.0	<u>40.0</u>	4.0	4.9	13.0	12.4**
<b>LOWES FEED &amp; HATCHERY, BOWLING GREEN, KENTUCKY</b>						
Blue Ribbon 20% Broiler Mash	20.0	20.7	3.0	3.4	4.0	3.6
<b>MARKIN FEED CO., IRONTON, OHIO</b>						
Markin Special 16% Protein Dairy Feed	16.0	21.3	2.5	3.4	15.0	10.9
<b>MAYFIELD MILLING CO., MAYFIELD, KENTUCKY</b>						
"J. C. Brand Scratch Grains	10.0	9.8	3.0	3.0	3.0	1.9
Economy Special 16% Dairy Feed	16.0	18.6	2.5	3.4	14.0	9.6
** J. C. Winter Cattle Roughage (Very much below guarantee in protein)	9.0	<u>6.9</u>	1.0	.7	20.0	<u>24.6**</u>
** "Kentucky Pride Brand" 55% Grain Horse & Mule Feed	10.0	10.5	3.0	2.6	13.0	<u>14.7**</u>
** White Chester 40% Hog Supplement	40.0	42.6	4.5	<u>2.9</u>	7.0	<u>7.0**</u>
"Champion Brand" Hog Fattener	14.0	15.5	3.5	<u>5.6</u>	8.0	6.1
<b>MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY</b>						
"State Leader" 18% Protein Laying Mash	18.0	18.9	4.0	4.7	7.0	4.8
"State Leader Brand" Wheat Bran	14.0	15.0	3.0	3.8	12.0	10.0
Brewers Dried Grains	24.0	27.5	4.0	5.0	19.0	13.6
<b>McCARLEY &amp; RICHARDSON, RUSSELLVILLE, KENTUCKY</b>						
Victory Scratch Feed	8.0	9.3	3.0	3.0	3.5	2.0
<b>MCMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>						
Master Mix M-V Pullet Grower	18.0	20.8	2.5	3.0	7.0	6.6
Master Mix M-V Pullet Grower	18.0	20.7	2.5	2.9	7.0	6.1
Master Mix M-V Broiler Mash	20.0	21.3	2.5	3.8	6.0	5.8

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>McMILLEN FEED MILLS, FORT WAYNE, INDIANA (Con't)</b>						
Master Mix Egg Mash	20.0	21.9	2.5	3.0	7.0	6.7
Master Mix Egg Mash	20.0	23.3	2.5	2.5	7.0	5.8
Master Mix 20% Dairy Feed	20.0	23.2	2.5	2.5	9.0	8.3
Master Mix 16% Dairy Feed	16.0	18.9	2.5	2.6	9.0	7.6
Hummer Dairy Feed	16.0	21.0	2.5	2.7	15.0	10.6
Master Mix M-V Complete Calf Feed	17.5	18.7	3.0	3.3	8.0	7.1
Master Mix M-V Pig-Ets Pig Feed	18.0	21.0	3.0	3.6	4.0	3.9
Master Mix M-V Pig-Ets Pig Feed	18.0	20.5	3.0	3.6	4.0	3.9
<b>THE MENNEL MILLING CO., TOLEDO, OHIO</b>						
Memo Wheat Gray Middlings with Screenings	15.0	16.5	4.0	4.4	6.0	5.3
<b>MIDDLESBORO MILLING CO., MIDDLESBORO, KENTUCKY</b>						
"Reliable Brand" 24% Protein Dairy Feed	24.0	28.4	4.0	3.6	12.0	8.7
"Hard to Beat" Feed	13.0	13.3	3.5	3.6	8.0	6.1
<b>MIDGET MILLS, SOMERSET, KENTUCKY</b>						
** Mixed Feed (Contained Mixed Screenings)	13.0	<u>11.9</u>	4.0	3.9	8.5	8.1**
<b>MILLER &amp; HUFFMAN, FORDSVILLE, KENTUCKY</b>						
"M & H" Cracked Corn	8.0	9.0	3.5	3.9	3.0	2.2
<b>MILLIKEN SWEET FEED MILL, FRANKLIN, KENTUCKY</b>						
Chowmix Laying Mash	15.0	17.1	3.0	4.2	6.0	5.0
<b>MONROE SWEET FEED MILL, TOMPKINSVILLE, KENTUCKY</b>						
Scratch Feed (Cracked Corn & Wheat)	10.0	10.3	2.5	3.2	4.0	2.5
Sonny South Ground Wheat	10.0	11.5	1.8	1.8	3.0	3.2
<b>MORRISTOWN MILLING COMPANY, MORRISTOWN, TENNESSEE</b>						
"Dixie Cream Brand" Mixed Feed	12.0	13.1	4.0	5.1	8.5	6.4
<b>MORGANTOWN FEED MILL, MORGANTOWN, KENTUCKY</b>						
** "Flavo" 40% Protein Hog Supplement	40.0	45.9	4.0	<u>3.2</u>	7.5	6.1**
<b>MUNFORDVILLE MILLING CO., MUNFORDVILLE, KENTUCKY</b>						
"Purity Brand" 20% Protein Breeder Mash	20.0	22.1	2.5	3.7	7.5	6.5
"Purity Brand" 18% Protein Pig & Sow Feed	18.0	19.6	3.0	4.3	6.0	4.7
<b>MURPHY GRAIN &amp; MILLING CO., OWENSBORO, KENTUCKY</b>						
Airolite 20% Broiler Mash	20.0	21.6	2.5	3.0	5.0	3.1
** Airolite 17 1/2% All Purpose Mash	17.5	<u>15.9</u>	2.5	3.0	7.0	2.5**
** Airolite 17 1/2% All Purpose Mash (Poultry Mash)	17.5	<u>16.3</u>	2.5	3.2	7.0	2.8**
Airolite Hominy Feed	10.0	<u>10.5</u>	6.0	6.4	6.0	4.4

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>MYERS &amp; CLARK CO., INC. ASHLAND, KENTUCKY</b>						
Ideal Brand 20% Protein All-Mash Starter & Grower	20.0	20.6	3.0	5.1	7.0	5.5
Ideal Brand 20% Protein Laying Mash	20.0	22.6	3.0	5.7	8.0	5.4
Ideal Brand 20% Protein Laying Mash	20.0	22.3	3.0	5.6	8.0	5.0
Mi Choice Brand 20% Laying Mash	20.0	21.7	3.0	5.2	8.0	5.9
Mi Choice Brand 18% Protein Laying Mash	18.0	18.9	3.0	5.8	8.0	6.6
"Ideal Brand" 24% Protein Dairy Feed	24.0	25.3	3.0	3.4	14.0	9.8
** "Special Brand" 24% Protein Dairy Feed (Very much below guarantee in protein)	24.0	<u>20.8</u>	3.0	3.0	15.0	10.2**
** "Special Brand" 24% Protein Dairy Feed (0.95% excess non-protein nitrogen from Urea)	24.0	<u>22.2</u>	3.0	2.8	15.0	10.9**
** "Special Brand" 24% Protein Dairy Feed (1.75% excess non-protein nitrogen from Urea)	24.0	23.6	3.0	3.1	15.0	<u>16.1**</u>
"Special Brand" 16% Protein Dairy Feed	16.0	17.1	3.0	3.5	15.0	11.6
** "Special Brand" 16% Protein Dairy Feed (1.90% excess non-protein nitrogen from Urea)	16.0	21.5	3.0	2.8	15.0	<u>15.8**</u>
"Ideal Brand" 85% Grain Horse & Mule Feed	10.0	10.4	3.0	3.1	12.0	5.4
"Ideal Brand" 17% Protein Hog & Pig Feed (Fattening)	17.0	20.1	3.0	4.3	8.0	5.7
<b>NATIONAL BISCUIT COMPANY, TOLEDO, OHIO</b>						
Namico Wheat Middlings with Screenings	14.0	15.6	3.5	3.8	9.0	7.0
Namico Wheat Middlings with Screenings	14.0	15.2	3.5	4.1	9.0	6.7
<b>NATIONAL OATS CO., EAST ST. LOUIS, ILLINOIS</b>						
Corno 20% Protein Laying Mash	20.0	21.1	2.5	4.5	8.0	5.0
<b>THE NEW ERA MILLING CO., ARKANSAS CITY, KANSAS</b>						
Polar Bear Wheat Gray Shorts with Screenings	16.0	16.6	4.0	3.5	6.0	5.8
Polar Bear Wheat Gray Shorts with Screenings	16.0	17.5	4.0	3.6	6.0	4.6
** Polar Bear Wheat Gray Shorts with Screenings	16.0	16.7	4.0	<u>3.3</u>	6.0	3.4**
Polar Bear Wheat Gray Shorts with Screenings	16.0	17.2	4.0	3.6	6.0	5.3
<b>CHAS. NUNN &amp; SONS MILLING CO., EVANSVILLE, INDIANA</b>						
Nunn-Better Scratch Feed	8.0	9.5	3.0	2.8	2.5	2.1
Nunn-Better 17% All Mash with Cod Liver Oil	17.0	18.2	2.5	3.6	6.5	4.8
Banner 17% All Mash with Cod Liver Oil	17.0	18.1	2.5	4.0	6.5	5.6
Nunn-Better 40% Hog Supplement	40.0	40.4	1.0	3.8	8.0	6.0

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
OELWEIN CHEMICAL CO., OELWEIN, IOWA						
** Occo-Trate 40% for Hogs (Above guarantee in salt)	40.0	40.0	2.0	2.8	8.0	<u>9.4**</u>
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY						
Tru Test 17% Broiler Finisher Mash	17.0	18.6	3.5	3.6	4.0	3.1
Nitrophenide and 3-Nitro 4-Hydroxy- phenylarsonic Acid in Tru Test 20% Starting Mash	20.0	21.7	3.5	3.4	7.0	4.8
3-Nitro-4-Hydroxyphenylarsonic Acid in Tru Test 20% Starting Mash	20.0	21.6	3.5	4.0	7.0	5.2
3-Nitro-4-Hydroxyphenylarsonic Acid in Tru Test 20% Starting Mash	20.0	21.9	3.5	4.0	7.0	5.4
Sulfanilamide & 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tru Test 20% Broiler Mash	20.0	21.3	3.0	4.1	4.5	4.8
Sulfanilamide & 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tru Test 20% Broiler Mash	20.0	22.3	3.0	3.7	4.5	3.8
Sulfanilamide & 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tru Test 20% Broiler Mash	20.0	2.7	3.0	3.4	4.5	4.4
Star 16 1/2% Dairy Feed	16.5	19.2	2.5	2.8	10.0	7.6
Tru Test 16% Milk Maker	16.0	18.1	4.0	4.6	10.0	8.2
** Tru Test 32% Beef Cattle Supplement	32.0	32.8	2.0	2.5	8.0	<u>8.7**</u>
D & H Stock Feed	13.2	15.3	3.0	3.5	8.0	7.7
Tru Test 40% Hog Supplement	40.0	41.1	3.0	4.5	8.0	7.3
Tru Test Pig & Sow Feed	18.0	21.2	3.0	4.3	6.0	5.8
Tru Test Hog Fattener Ration	14.0	15.4	4.0	5.5	8.0	4.8
PAN-AMERICAN MILLS, BOWLING GREEN, KENTUCKY						
** Green Valley 20% Dairy Feed (3.12% excess non-protein nitrogen from Urea)	20.0	22.0	4.0	4.0	15.0	9.2**
Green Valley 20% Dairy Feed	20.0	21.1	4.0	4.0	15.0	8.9
PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY						
"Super Brand" 24% Dairy Feed	24.0	24.1	2.5	3.5	11.0	9.7
I. E. PAYNE & COMPANY, EUBANKS, KENTUCKY						
"Farmers Choice Brand" 20% Protein Laying Mash	20.0	20.7	3.5	3.8	7.0	7.3
PEMBROKE ROLLER MILLS, PEMBROKE, KENTUCKY						
Mixed Feed	14.0	14.8	3.5	3.4	7.5	5.6
PENNINGTON MILLING CO., PENNINGTON GAP, VIRGINIA						
"Blue Bird Brand" 14% Protein Mixed Feed	14.0	13.7	3.5	4.6	9.5	8.5

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>G. H. PHILLIPS &amp; SONS, PERKIN, INDIANA</b>						
Sulfaquinoxaline and 3-Nitro-4-Hydroxy-phenylarsonic Acid in Phillips & Sons High Efficiency Broiler Mash	20.0	20.5	3.0	3.5	4.0	3.7
Sulfaquinoxaline and 3-Nitro-4-Hydroxy-phenylarsonic Acid in Phillips & Sons High Efficiency Broiler Mash	20.0	21.8	3.0	3.6	4.0	4.0
<b>PILLSBURY MILLS, INC., CLINTON, IOWA</b>						
Pillsbury's Best Turkey Starter	28.0	29.9	3.0	3.1	6.0	5.0
Terramycin in Pillsbury's Best 4 X Suppletive For Poultry	22.0	23.1	3.0	5.7	7.0	5.6
Terramycin in Pillsbury's Best 4 X Suppletive For Poultry	22.0	22.8	3.0	3.9	7.0	5.0
Pillsbury's Best Nitrofurazone Mixture In Pillsbury's Best 4 X Broiler Mash	20.0	20.2	3.0	3.8	5.5	3.6
** Nitrofurazone & Arsanilic Acid in Pillsbury's Best Broiler Mash	20.0	<u>19.1</u>	3.0	3.4	5.5	3.2**
Nitrofurazone & Arsanilic Acid in Pillsbury's Best Broiler Mash	20.0	21.4	3.0	3.6	5.5	4.7
Pillsbury's Best Laying Mash	20.0	20.1	3.0	4.2	8.0	6.2
Pillsbury's Best Laying Mash	20.0	20.2	3.0	3.6	8.0	6.6
Pillsbury's Best Breeder Mash	20.0	20.5	3.0	3.6	9.0	7.5
** Pillsbury's Best 32% Dairy Concentrate (0.82% excess non-protein nitrogen from Urea)	32.0	35.3	2.0	2.3	8.0	6.9**
** Pillsbury's Best 20% Dairy Feed	20.0	<u>19.4</u>	3.0	3.5	9.0	8.0**
Pillsbury's Champion 20% Dairy Feed	20.0	21.8	3.0	3.8	11.0	7.3
Pillsbury's Champion 20% Dairy Feed	20.0	20.7	3.0	4.5	11.0	6.4
Pillsbury's Champion 20% Dairy Feed	20.0	21.7	3.0	4.5	11.0	7.5
Pillsbury's Best 16% Dairy Feed	16.0	16.6	3.0	3.5	9.0	8.3
Pillsbury's Best 16% Dairy Feed	16.0	17.9	3.0	3.8	9.0	7.5
Dutch Maid 16% Dairy Feed	16.0	16.5	3.0	3.1	14.0	10.5
Dutch Maid 16% Dairy Feed	16.0	18.0	3.0	2.8	14.0	10.4
Dutch Maid 16% Dairy Feed	16.0	15.7	3.0	3.2	14.0	8.1
Pillsbury's Best Horse Breeder Special	11.0	11.9	2.5	3.3	9.0	6.5
Pillsbury's Best Heavy Grain Horse Feed	9.0	10.2	2.5	2.8	9.0	5.0
Pillsbury's Best Horse Feed	9.0	9.9	2.5	2.5	9.0	5.0
Pillsbury's Best Special Horse Feed	10.0	12.3	2.5	3.0	10.0	6.7
** Pillsbury's Best Sow Ration	18.0	20.1	3.0	3.0	6.0	<u>6.8**</u>
Pillsbury's Best Sow Ration	18.0	18.6	3.0	3.6	6.0	<u>6.4</u>
** Pillsbury's Best Sow Ration	18.0	19.0	3.0	3.0	6.0	<u>7.1**</u>
Pillsbury's Best Sow Ration	18.0	22.7	3.0	3.0	6.0	<u>6.5</u>
** Pillsbury's Best Sow Ration	18.0	21.5	3.0	3.3	6.0	<u>6.9**</u>
Pillsbury's Best Pig Feast Brand Pig Starter	18.0	19.9	3.0	3.6	5.5	4.0
<b>PILLSBURY MILLS, INC., MINNEAPOLIS, MINNESOTA</b>						
Ballards Wheat Brown Shorts with Screenings	16.0	16.0	3.5	4.1	7.5	5.4

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>PRINCETON MILLS, PRINCETON, KENTUCKY</b>						
** Chowmix 16% Dairy Feed	16.0	16.0	3.0	<u>2.4</u>	15.0	9.2**
<b>PROVICO FEEDS &amp; CONCENTRATES, CINCINNATI, OHIO</b>						
** Provico 26% Turkey Grower	26.0	<u>24.9</u>	3.5	3.2	7.0	6.5**
Provico Big V 20% Egg Mash	20.0	19.7	3.0	5.3	8.0	6.5
** Provico Big V 24% Dairy Feed	24.0	<u>23.0</u>	3.0	3.4	15.0	9.6**
Provico 18% Dairy Feed	18.0	<u>21.0</u>	3.5	4.1	12.0	9.0
<b>PURCELL SEED COMPANY INC., EVANSVILLE, INDIANA</b>						
** Purcell 20% Laying Mash	20.0	<u>18.8</u>	2.5	3.2	7.0	4.3**
<b>THE QUAKER OATS CO., CHICAGO, ILLINOIS</b>						
Arsanilic Acid in Ful-O-Pep Brand 38% Broiler Concentrate	38.0	37.7	2.0	2.3	6.5	6.7
Nitrophenide & Arsanilic Acid in Ful- O-Pep Brand 22% Broiler Mash	22.0	23.5	2.5	3.0	4.5	4.8
Nitrophenide and Arsanilic Acid in Ful-O-Pep Brand 22% Broiler Mash	22.0	23.2	2.5	3.1	4.5	4.4
Nitrophenide and Arsanilic Acid in Ful- O-Pep Brand 22% Broiler Mash	22.0	22.1	2.5	3.2	4.5	4.3
Nitrophenide and Arsanilic Acid in Ful- O-Pep Brand 15% Broiler Finisher	15.0	15.8	2.5	3.7	4.0	3.7
Nitrophenide and Arsanilic Acid in Ful- O-Pep Brand 15% Broiler Finisher	15.0	15.5	2.5	3.2	4.0	3.4
Ful-O-Pep Brand Pro-Sweet Supplement	24.0	29.6	1.5	2.4	10.0	7.2
Quaker 16% Dairy Feed	16.0	16.9	2.5	2.6	15.0	10.3
** Ful-O-Pep Milking Feed	16.0	<u>14.8</u>	2.5	2.6	11.0	<u>12.0**</u>
<b>RALSTON PURINA CO., ST. LOUIS, MISSOURI</b>						
Purina Game Bird Startena (Complete Ration)	28.0	31.0	3.0	3.4	7.0	5.4
Purina Turkey Startena (Complete Ration)	28.0	28.6	2.5	3.8	7.0	6.0
Purina Turkey Growing Chow	26.0	26.9	2.5	3.0	8.0	6.0
3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Chick Startena	20.0	21.5	3.0	4.1	5.0	4.4
3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Chick Startena	20.0	21.2	3.0	3.5	5.0	4.0
3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Chick Startena	20.0	20.8	3.0	3.8	5.0	4.6
Purina Chick Growena	17.0	18.9	3.0	3.9	7.0	4.8
Purina Chick Growena C	17.0	18.2	3.0	3.9	7.0	5.4
Turkey Growena Checkers	20.0	21.1	3.0	3.8	7.0	5.2
Purina Chick Growing Chow	23.0	23.9	2.5	3.1	8.0	6.3
Purina Chick Growing Chow	23.0	23.9	2.5	3.6	8.0	6.6
Purina Broiler Chow Starter	22.0	22.9	4.5	4.3	5.0	4.8
Purina Broiler Chow Finisher (Complete Ration)	18.0	20.5	4.5	5.4	4.5	4.8
3-Nitro-4-Hydroxyphenylarsonic Acid and Nitrophenide (from Megasul) Mixture In Purian Broiler Chow Starter	22.0	22.4	4.5	5.3	5.0	4.7

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Con't)						
3-Nitro-4-Hydroxyphenylarsonic Acid & Nitrophenide (from Magasul) in Purina Broiler Chow Starter	22.0	21.6	4.5	5.6	5.0	5.3
O-460-B 3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Finisher	18.0	20.4	4.5	5.4	4.5	4.4
3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Finisher	18.0	20.2	4.5	4.8	4.5	4.4
3-Nitro-4-Hydroxyphenylarsonic Acid & Nitrophenide in Purina Chow Finisher	18.0	20.8	4.5	5.3	4.5	4.2
Purina Breeder Lay Chow	20.0	22.2	2.5	4.1	6.5	6.0
Purina Breeder Layena (Complete Ration)	15.5	18.2	3.0	4.5	6.0	5.0
Purina Cage Layena	16.0	18.0	3.0	4.1	3.5	4.4
Purina Lay Chow	20.0	21.4	2.5	3.6	6.5	5.6
Purina Layena (Complete Ration)	15.5	17.0	3.0	3.8	6.0	5.1
Purina Layena (Complete Ration)	15.5	16.8	3.0	4.2	6.0	4.4
Purina Poultry Booster Chow	24.0	25.1	2.5	3.6	8.0	5.9
Purina Poultry Booster Chow	24.0	24.1	2.5	4.4	8.0	5.6
Purina Poultry Booster Chow	24.0	25.0	2.5	3.7	8.0	6.7
Purina Poultry Booster Chow	24.0	25.0	2.5	3.8	8.0	5.8
Purina Flock Chow	18.0	19.6	2.5	3.6	7.0	6.6
Purina Flock Chow	18.0	18.9	2.5	4.3	7.0	6.2
Purina Cow Chow	18.0	19.4	3.0	2.6	10.0	8.8
** Purina Dairy Chow (2.10% excess non-protein nitrogen from Urea)	16.0	<u>13.8</u>	2.5	2.3	15.0	7.1**
** Purina Dairy Chow (0.9% excess non-protein nitrogen from Urea)	16.0	18.1	2.5	3.0	15.0	10.8**
Purina Dairy Chow	16.0	20.6	2.5	2.6	15.0	8.0
Purina Dairy Chow	16.0	16.9	2.5	3.6	15.0	11.2
Purina Dairy Chow	16.0	19.7	2.5	2.8	15.0	8.3
Purina Milk Chow	16.0	16.0	2.5	2.5	10.0	7.7
Purina Milk Chow	16.0	17.4	2.5	2.1	10.0	7.9
Purina Milk Chow	16.0	17.8	2.5	2.9	10.0	7.9
Purina D & F Chow	12.5	14.9	2.0	3.2	12.0	9.2
Purina Calf Startena	19.5	20.9	2.5	2.4	9.5	7.1
** Purina Special Creep Chow (For Beef Calves) (0.30% excess non-protein nitrogen from Urea)	32.0	32.8	2.0	3.1	8.0	5.6**
Purina Steer Fatena	32.0	31.7	2.0	1.8	12.0	7.6
Purina Steer Fatena	32.0	33.0	2.0	1.8	12.1	7.0
** Purina Steer Fatena	32.0	<u>30.9</u>	2.0	1.7	12.0	8.7
Purina Steer Fatena G (K)	20.0	<u>21.1</u>	2.5	2.8	10.0	5.4
** Purina Steer Fatena	32.0	<u>30.1</u>	2.0	2.6	12.0	8.4**
** Range Checkers (1.80% excess non-protein nitrogen from Urea)	20.0	<u>24.3</u>	2.0	2.4	10.0	7.1**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>RALSTON PURINA CO., ST. LOUIS, MISSOURI (Con't)</b>						
Purina Range Checkers A	20.0	22.9	2.5	2.5	8.0	7.0
Purina Goat Chow	16.0	17.7	3.0	3.3	10.0	7.8
Purina Omolene	10.0	12.2	3.0	3.4	11.0	6.8
Purina Omolene	10.0	11.8	3.0	3.5	11.0	7.0
Purina Omolene	10.0	9.8	3.0	4.7	11.0	7.5
Purina Omolene	10.0	11.5	3.0	3.3	11.0	7.1
Purina Pig Startena	18.0	20.7	3.0	3.7	6.0	4.1
<b>ROBBINS BROS., AUBURN, KENTUCKY</b>						
Hominy Feed	10.0	11.2	7.0	7.4	8.0	6.4
<b>RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY</b>						
"Nu-Joy Brand" 16% Protein Dairy Feed	16.0	15.9	2.5	3.2	10.0	9.5
** 16% Protein Hog Fattener & Grower	16.0	<u>15.4</u>	3.0	2.8	6.0	4.4**
<b>RENFRO SUPPLY CO., WILLIAMSBURG, KENTUCKY</b>						
Renfro 24% Protein Dairy Feed	24.0	26.4	2.5	3.2	11.0	6.8
<b>REELFOOT ALFALFA MILL, TIPTONVILLE, TENNESSEE</b>						
** 17% Alfalfa Meal Dehydrated	17.0	<u>15.4</u>	1.5	2.5	27.0	27.2**
<b>RINGGOLD MILLING CO., CLARKSVILLE, TENNESSEE</b>						
"High Standard Brand" Mixed Feed	13.0	14.8	3.0	3.5	8.0	5.1
<b>RIVER BRAND RICE MILLS, INC., MEMPHIS, TENNESSEE</b>						
** Rice Bran (For Mixing Only)	12.0	<u>10.7</u>	12.0	12.5	12.0	<u>15.5**</u>
(Very much above guarantee in fiber)						
<b>ROBERTS BROTHERS, BURLINGTON, KENTUCKY</b>						
** Unique Brand 18% Protein Egg Mash	18.0	22.5	3.0	3.9	7.0	<u>7.6**</u>
(Contained unground weed seeds)						
Unique Brand 18% Dairy Feed	18.0	22.1	3.0	2.8	11.0	8.1
<b>ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY</b>						
Booster 20% Laying Mash	20.0	20.5	3.5	4.3	7.0	5.5
Booster 20% Laying Mash	20.0	20.2	3.5	4.3	7.0	6.6
Sun-Ray Baby Chick Scratch	9.0	9.0	3.0	3.6	4.0	1.7
"Sun-Ray Brand" Scratch Feed	9.0	9.1	3.0	3.1	3.5	2.0
** Green Valley 24% Dairy Feed	24.0	<u>22.8</u>	3.0	2.9	14.0	11.7**
** Green Valley 24% Dairy Feed	24.0	<u>21.8</u>	3.0	3.8	14.0	11.6**
(Very much below guarantee in protein)						
** Happy Home 16% Sweet Dairy Feed	16.0	16.6	3.0	3.5	15.0	15.2**
(Contained unground weed seeds)						
(0.30% excess non-protein nitrogen from Urea)						
"Green Valley 16% Dairy Feed"	16.0	16.7	3.0	3.8	15.0	13.3
** Booster Hog Feed (Fattening)	17.0	16.6	3.5	5.3	8.0	6.4**
(Contained unground weed seeds)						

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>G. P. ROSE &amp; COMPANY, NASHVILLE, TENNESSEE</b>						
Rose's Triumph 24% Dog Food	24.0	28.0	7.0	7.6	5.0	3.3
Rose's Triumph 24% Dog Food	24.0	25.4	7.0	6.9	5.0	4.1
<b>ROSS FEED CO., MURRAY, KENTUCKY</b>						
"Standard Brand" 20% Chick Ration	20.0	22.1	3.5	3.6	7.0	6.8
<b>RUSSELL GRAIN CO., HILLARDS, OHIO</b>						
** Russell 262 Brand 24% Dairy Feed (2.13% excess non-protein nitrogen from Urea)	24.0	25.8	2.5	<u>1.6</u>	15.0	10.5**
<b>SAM RYLE, BURLINGTON, KENTUCKY</b>						
R & H 18% Protein Dairy Feed	18.0	18.6	3.0	3.1	10.0	7.1
<b>SACRAMENTO FEED MILL, SACRAMENTO, KENTUCKY</b>						
Crushed Ear Corn & Shuck	7.0	8.3	3.0	3.1	10.5	6.3
<b>SALYERSVILLE WHOLESALE, INC., SALYERSVILLE, KENTUCKY</b>						
Quick Brand Lay Mash	20.0	20.5	3.5	3.9	8.0	7.0
<b>SANDUSKY BROTHERS, HARRODSBURG, KENTUCKY</b>						
** Mixed Feed (Contained mixed screenings)	13.0	15.9	3.0	4.3	8.0	7.3**
<b>J. F. SCHNEIDER &amp; SON INC., MIDDLESBORO, KENTUCKY</b>						
"Cudjo Brand" 50% Protein Tankage	50.0	49.5	10.5	10.6	2.5	1.8
** "Cudjo Brand" 50% Protein Tankage	50.0	<u>48.7</u>	10.5	10.4	2.5	1.5**
<b>SCIENTIFIC MILLING CO., EAST ST. LOUIS, ILLINOIS</b>						
** Scientific 16% Dairy Feed (S) (0.1% excess non-protein nitrogen from Urea)	16.0	16.9	2.5	3.7	14.0	<u>15.2**</u>
<b>JOSEPH E. SEAGRAM &amp; SONS, INC., LOUISVILLE, KENTUCKY</b>						
Seagram's Distillers Dried Solubles	30.0	36.4	5.0	11.3	5.0	5.3
<b>SECURITY MILLS, KNOXVILLE, TENNESSEE</b>						
"Security Brand" 20% Protein Growing Mash	20.0	23.0	3.5	4.1	8.0	6.0
"Security Brand" 16% Protein Fattening Hog Feed	16.0	17.0	3.0	4.0	8.0	6.3
<b>SIMPSON COUNTY MILLS, FRANKLIN, KENTUCKY</b>						
Ground Feed Wheat	9.5	11.6	1.5	1.6	3.0	3.0
Crushed Snapped Corn	8.0	7.9	3.2	2.7	8.0	8.1
<b>SLAUGHTERS MILLING CO., SLAUGHTERS, KENTUCKY</b>						
Wheat Mixed Feed & Ground Screenings	13.5	16.8	3.0	3.6	8.5	5.2

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SCHULTZ BAUJAN &amp; CO., BEARDSTOWN, ILLINOIS</b>						
Critic Wheat Mixed Feed & Screenings	14.5	15.6	3.5	5.0	8.5	7.1
<b>SMITHFIELD MLG. CO., SMITHFIELD, KENTUCKY</b>						
Mixed Feed	14.5	14.9	4.0	5.1	8.0	5.7
<b>SOUTHERN STATES LOUISVILLE COOP., LOUISVILLE, KENTUCKY</b>						
Hen Scratch	9.0	9.4	2.5	2.9	3.5	2.3
<b>STALEY MILLING CO., KANSAS CITY 16, MISSOURI</b>						
Staley Karmels "B" to be fed to Ruminants only	22.0	23.9	2.5	3.5	12.0	12.1
<b>STANDARD FEED MILLING CO., ATLANTA, GEORGIA</b>						
Super Quality Brand All Mash						
Pullet Developer	16.0	18.6	2.5	4.3	7.0	6.5
Nitrophenide in Super Quality Brand All Mash Foundation Diet	19.0	20.0	2.5	4.3	7.0	4.1
** Kentucky Brand 16% Dairy Feed (0.1% excess non-protein nitrogen from Urea)	16.0	18.4	2.5	4.3	10.0	7.0**
** Sav-Mor Sweet Sixteen Brand Dairy Feed (0.1% excess non-protein nitrogen from Urea)	16.0	22.7	2.5	3.9	15.0	10.6**
Wheat Gray Shorts & Screenings	16.0	17.3	4.0	4.2	6.0	6.3
<b>STURGIS MILLING CO., STURGIS, KENTUCKY</b>						
"Neva-Fail Brand" 18% Protein Growing Mash	18.0	20.1	2.5	3.9	6.0	6.2
Neva-Fail Scratch Feed	8.0	10.0	3.5	3.1	4.0	2.1
** "Neva-Fail Brand" 16% Protein Dairy Feed	16.0	13.4	3.0	2.4	14.0	6.6**
Neva-Fail 35% Hog Supplement	35.0	35.5	2.5	4.2	8.0	6.4
<b>SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY</b>						
"Sun-Ray" 20% Protein Laying & Breeder Mash	20.0	21.8	4.0	4.4	6.0	6.0
"Booster Brand" 18% Protein Laying Mash	18.0	19.8	3.5	4.3	7.0	5.5
"Sun-Ray" 24% Sweet Dairy Feed	24.0	24.6	4.0	3.9	10.0	7.8
** "Sun-Ray" 16% Protein Dairy Feed (0.2% excess non-protein nitrogen from Urea)	16.0	17.3	3.5	4.9	10.0	6.5**
** "Sun-Ray" 16% Protein Dairy Feed (0.7% excess non-protein nitrogen from Urea)	16.0	18.9	3.5	4.4	10.0	6.6**
"Booster Brand" 16% Stock Feed	16.0	16.0	3.5	5.4	9.0	6.6
"Booster Brand" 16% Stock Feed	16.0	15.5	3.5	4.7	9.0	6.2
"Booster Brand" 18% Protein Pig & Hog Feed	18.0	18.3	4.0	4.6	7.0	6.0
"Booster Brand" 18% Protein Pig & Hog Feed	18.0	18.8	4.0	4.5	7.0	6.8

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY</b>						
Sun-Ray 20% Starting & Growing All Mash	20.0	21.3	3.5	4.5	7.0	5.4
Sun-Ray 20% Starting & Growing All Mash	20.0	21.4	3.5	4.7	7.0	5.3
Sun-Ray 20% Starting & Growing All Mash	20.0	21.9	3.5	4.4	7.0	6.1
Sun-Ray 20% Egg Mash	20.0	20.6	3.5	4.6	7.0	5.9
Sun-Ray Scratch Feed	8.0	9.1	3.0	2.9	3.0	1.8
Sugar Creek 24% Dairy Feed	24.0	25.5	2.5	4.0	10.0	9.9
Sugar Creek 24% Dairy Feed	24.0	23.5	2.5	3.6	10.0	10.1
** Sugar Creek 24% Dairy Feed (0.3% excess non-protein nitrogen from Urea)	24.0	25.7	2.5	3.6	10.0	10.4**
Green Valley Special 24% Dairy Feed	24.0	25.5	2.5	3.9	10.0	9.3
Green Valley Special 24% Dairy Feed	24.0	24.3	2.5	3.9	10.0	10.0
** Green Valley Special 16% Dairy Feed	16.0	15.9	2.5	4.1	10.0	11.4**
Green Valley Special 16% Dairy Feed	16.0	18.6	2.5	3.5	10.0	9.3
** Sun-Ray 14% Steer Feed Pellets	14.0	13.7	2.5	1.8	17.0	13.7**
Sun-Ray Horse & Mule Feed	10.0	11.1	3.0	2.7	8.0	5.2
<b>SUNSHINE FEED MILLS, NASHVILLE, TENNESSEE</b>						
** Uncle Remus Special 16% Protein Dairy Feed	16.0	15.2	2.5	2.5	15.0	15.8**
<b>SUNSHINE STORES, INC., FORT WAYNE, INDIANA</b>						
Red Feather 20% Dairy Feed	20.0	22.9	2.5	3.7	12.0	8.8
Red Feather Pig & Sow Meal	16.0	16.1	3.0	5.8	6.0	5.3
Red Feather Pork Maker	14.0	15.4	5.0	5.0	6.0	4.7
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>						
Sulfaquinoxaline & Arsanilic Acid in Supreme H. E. Broiler Ration	20.0	21.0	2.5	3.8	5.0	4.4
** "Supreme Brand" 20% Protein Laying Mash	20.0	19.4	3.5	3.4	7.0	4.3**
"Supreme Brand" Scratch Feed	8.0	8.4	2.0	2.4	5.0	2.0
** "Supreme Brand" 32% Protein Dairy Supplement	32.0	31.2	3.0	3.8	9.0	11.8**
** "Supreme Brand" 32% Protein Dairy Supplement	32.0	33.0	3.0	3.7	9.0	9.8**
** Premo Brand 24% Dairy Feed	24.0	24.3	3.0	3.4	12.5	13.4**
Premo Brand 24% Dairy Feed	24.0	24.0	3.0	3.3	12.5	13.0
** Premo Brand 24% Dairy Feed	24.0	24.4	3.0	3.4	12.5	14.7**
"Feeders Pride" 16% Protein Dairy Feed	16.0	15.7	2.5	2.7	15.0	14.1
** "Feeders Pride" 16% Protein Dairy Feed (Very much below guarantee in protein)	16.0	13.2	2.5	2.1	15.0	16.1**
"Supreme Brand" Horse & Mule Feed	9.0	9.0	3.5	3.2	12.0	4.2
"Supreme Brand" 17 1/2% Protein Pig & Hog Feed	17.5	18.5	3.0	6.6	6.0	4.4
"Supreme Brand" Wheat Bran with Screenings	15.0	15.2	3.7	3.9	10.0	10.4

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SUPREME FEED MILLS, GLASGOW, KENTUCKY (Con't)</b>						
** "Supreme Brand" Ground Wheat	12.0	11.0	2.0	2.6	3.0	2.7**
65% Ground Corn Cobs & Molasses	2.0	3.4	.2	.4	25.0	19.5
"Supreme Brand" Cracked Corn	7.0	8.6	2.0	1.9	3.0	1.3
"Premo Brand" Hominy Meal	9.0	10.3	5.0	6.4	7.0	4.2
"Premo Brand" Hominy Meal	9.0	9.8	5.0	5.2	7.0	5.5
<b>D. B. SUTHERLAND &amp; SONS, BLOOMFIELD, KENTUCKY</b>						
Sutherland's Hen Scratch Feed	8.0	10.0	3.0	3.0	3.0	2.6
Sutherland's Hen Scratch Feed	8.0	9.6	3.0	3.2	3.0	2.5
Kentucky Star 24% Dairy Feed	24.0	23.7	3.0	4.5	10.0	9.5
Kentucky Star 20% Dairy Feed	20.0	20.7	3.0	4.0	15.0	9.3
"Kentucky Star Brand" Farm Feed	13.5	13.1	3.5	3.1	8.0	4.7
"Kentucky Star Brand" Farm Feed	13.5	14.0	3.5	3.7	8.0	5.7
<b>SWEET FEED MILLS, BOWLING GREEN, KENTUCKY</b>						
Freshgood 16% Dairy Feed	16.0	20.6	3.0	3.7	10.0	7.3
** "Hogsupp" 40% Hog Supplement	40.0	38.9	3.0	6.4	8.0	6.0**
"Hogfat" Pork Feed (Fattening)	14.0	16.4	4.0	4.2	8.0	5.8
<b>SWEET FEED, HOPKINSVILLE, KENTUCKY</b>						
Sweet Mix 20% All Purpose Poultry Mash	20.0	22.4	3.0	3.0	6.0	5.7
<b>J. B. SWEENEY (CASH FEED STORE) LAWRENCEBURG, KENTUCKY</b>						
Lady's Choice Stock Feed	13.0	15.4	3.0	3.3	8.0	7.0
<b>SWIFT &amp; COMPANY, CHICAGO, ILLINOIS</b>						
Pow-R-Pac Swift's Poultry Breeder Mash	22.0	23.9	3.0	5.2	7.0	6.0
Swift's 20% Protein Dairy Feed	20.0	21.3	3.0	3.3	8.0	7.8
Swift's 41% Protein Prime Quality Cottonseed Meal	41.0	42.3	4.0	3.9	13.0	10.8
Swift's 41% Cottonseed Meal	41.0	40.6	4.0	4.2	13.0	12.2
** Swift's 42% Protein Soybean Oil Meal (Very much below guarantee in fat)	42.0	46.2	3.5	.9	7.0	6.3**
Swift's 60% Protein Digester Tankage	60.0	66.9	5.0	11.8	3.0	.8
<b>TAYLOR CO., IMP. &amp; FEED CO. CAMPBELLSVILLE, KENTUCKY</b>						
Economy Brand Starter & Grower	18.0	18.6	2.5	3.5	7.0	5.2
<b>TARTERS FEED MILLS, LIBERTY, KENTUCKY</b>						
"Tarter's Special Brand" 16% Dairy Feed	16.0	18.3	3.0	3.0	10.0	8.6
<b>THOMERSON MILLING CO., GLASGOW, KENTUCKY</b>						
** Thomerson 16% Protein Dairy Feed (1.2% excess non-protein nitrogen from Urea)	16.0	17.2	3.5	3.1	10.0	9.4**
<b>TELL CITY FLOURING MILLS, TELL CITY, INDIANA</b>						
** Hoosier Cattle Roughage Feed 70% Ground Corn Cobs, Molasses, Soybean Oil, Meal, Vitamin A & D feeding oil, and Minerals	9.0	8.1	.5	1.1	25.0	22.7

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
TELL CITY FLOURING MILLS, TELL CITY, INDIANA (Con't)						
Hoosier Cattle Roughage Feed 70% Ground Corn Cobs, Molasses, Soybean Oil Meal, Vitamin A & D Feeding Oil and Minerals	9.0	9.6	.5	1.0	25.0	18.0
"Hoosier" 16% Protein Pig & Hog Ration	16.0	17.9	3.5	3.8	6.0	5.8
TENNESSEE PACKERS, CLARKSVILLE, TENNESSEE						
50% Meat Scraps	50.0	52.7	4.0	10.6	3.0	2.0
TILFORD & WALTERS MILL, METROPOLIS, ILLINOIS						
Masco 20% Laying Mash	20.0	21.4	3.0	3.7	7.0	6.3
Masco 34% Protein Dairy Supplement	34.0	34.6	4.0	4.0	10.0	9.5
** Masco 16% Protein Milking Dairy Feed	16.0	18.4	3.0	3.4	9.0	10.8**
** "Profit Maker Brand" 16% Dairy Feed	16.0	16.9	2.5	3.1	15.0	15.6**
** Masco 28% Pig & Sow Supplement	28.0	29.3	3.0	2.9	6.0	8.0**
Wheat Bran	14.5	16.0	3.5	4.7	10.0	10.4
** Ground Wheat	12.0	10.4	2.0	1.7	3.0	3.0**
Ground Oats	11.0	11.4	4.5	6.3	12.0	10.2
24% Protein Brewers Dried Grains	24.0	26.7	6.0	6.3	15.0	12.4
THE TOPEKA FLOUR MILLS CORP., SALINA, KANSAS						
"K-Y" Wheat Gray Shorts	17.0	19.4	4.0	5.3	6.0	5.0
TRENTON COTTON OIL COMPANY, TRENTON, TENNESSEE						
"Trenton Brand" 41% Protein Cottonseed Meal	41.0	42.2	5.0	4.5	12.0	11.4
THE UBIKO MILLING CO., CINCINNATI, OHIO						
Life Guard Turkey Starter	25.0	30.6	3.0	4.1	6.0	4.1
** Life Guard Turkey Growing Mash	22.0	21.3	3.5	4.1	7.0	5.9**
Nitrofurazone in Life Guard Starter & Grower	17.0	19.2	3.5	4.6	7.0	5.8
Nitrofurazone in Life Guard Starter & Grower	17.0	19.4	3.5	4.6	7.0	6.0
Nitrofurazone in Life Guard Starter & Grower	17.0	19.4	3.5	5.3	7.0	5.8
0.0055% Nitrofurazone in Life Guard Broiler Finisher	18.0	19.2	3.0	3.8	6.0	4.6
Life Guard Developer	17.0	18.2	3.5	4.8	7.0	6.1
Life Guard 22% Layer	22.0	25.1	3.5	3.4	8.0	5.8
Life Guard All-Mash Laying Ration	16.0	17.8	3.5	4.6	7.0	6.4
Life Guard All-Mash Laying Ration	16.0	17.0	3.5	4.3	7.0	6.4
Life Guard All-Mash Laying Ration	16.0	18.6	3.5	4.1	7.0	6.0
Life Guard All-Mash Laying Ration	16.0	18.5	3.5	4.7	7.0	6.2
16% Union Grains Life Guard Dairy Feed	16.0	17.0	2.5	3.5	12.0	8.2
Sunbeam 16% Dairy Feed	16.0	17.4	2.5	2.5	15.0	11.3
Clover Bloom Dairy Feed	16.0	18.4	2.0	2.4	15.0	11.0
Clover Bloom Dairy Feed	16.0	18.9	2.0	2.2	15.0	11.0
Crusader Brand Horse Feed	9.0	10.5	2.5	3.6	10.0	6.9
Life Guard Porkmaker (Fattening)	14.0	15.8	4.0	4.5	8.0	5.7

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>VALIER &amp; SPIES MLG. CO., ST. LOUIS, MISSOURI</b>						
** Valier Wheat Gray Shorts & Screenings	16.0	19.2	4.0	<u>3.4</u>	6.0	4.5**
<b>C. F. VISSMAN &amp; CO., LOUISVILLE, KENTUCKY</b>						
** Vissman's 60% Protein Digester Tankage (Very much below guarantee in protein)	60.0	<u>54.0</u>	6.0	12.1	3.0	1.4**
** Vissman's 60% Protein Digester Tankage (Very much below guarantee in protein)	60.0	<u>48.5</u>	6.0	12.3	3.0	1.5**
<b>VITALITY MILLS, INC., CHICAGO, ILLINOIS</b>						
Vitality All Grain 16% Dairy	16.0	17.3	2.5	2.0	8.0	5.7
"Vitality All-In-One Brand Rabbit Pellets	14.0	14.6	2.0	3.5	15.0	11.8
Vitality All-In-One Rabbit Pellets	15.0	14.9	2.0	3.1	15.0	14.0
<b>WALTERS &amp; THOMPSON, SHELBYVILLE, KENTUCKY</b>						
40% Hog Supplement	40.0	41.0	3.5	3.4	10.0	6.5
<b>WATKINS WHOLESALE GROCERY CO., E. BERNSTADT, KENTUCKY</b>						
Butterfat 24% Dairy Feed	24.0	26.5	2.5	2.7	12.0	10.0
<b>WEISENBERGER SANITARY FLOUR MILL, MIDWAY, KENTUCKY</b>						
"Repeater" Feed	14.2	13.8	4.2	4.6	10.7	8.6
<b>WEST NINTH STREET MILL, OWENSBORO, KENTUCKY</b>						
3-Nitro-4-Hydroxyphenylarsonic Acid & Sulfanilamide in "Ravar Brand"						
Growing Mash	17.0	17.4	2.5	3.1	6.0	4.2
Ravar Hog Ration	12.0	14.5	2.5	3.7	6.0	4.1
<b>THE WHITEWATER FLOUR MILLS CO., WHITEWATER, KANSAS</b>						
Wheat Feed & Screenings	16.0	15.7	3.5	4.3	6.0	6.5
<b>WEAVERTON MILLING COMPANY, HENDERSON, KENTUCKY</b>						
17% Protein All-Purpose Mash	17.0	17.2	5.0	5.7	5.0	3.4
<b>WILLIAMSTOWN ROLLER MILL, WILLIAMSTOWN, KENTUCKY</b>						
"Our Own Brand" 20% Protein Egg Mash	20.0	20.0	3.5	3.0	7.0	4.2
** "Our Own" 16% Portein Pig & Sow Meal	16.0	<u>15.1</u>	4.0	<u>3.4</u>	6.0	3.6**
Mixed Feed	13.5	<u>15.3</u>	3.5	<u>3.4</u>	8.0	6.5
"Our Own" Crushed Ear Corn & Molasses	8.5	8.6	2.5	3.0	10.0	6.8
<b>WINGO FEED &amp; SUPPLY, WINGO, KENTUCKY</b>						
** Wingo Special 16% Dairy Feed (Contained corn cobs and shuck)	16.0	<u>14.7</u>	2.5	2.5	10.0	7.2**
<b>WINN MILLING CO., GREENSBURG, KENTUCKY</b>						
Daisy 20% Protein Laying Mash	20.0	22.2	3.0	3.8	8.0	5.8
Daisy Scratch Feed	8.0	9.1	3.0	2.9	4.0	2.3

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>WINN MILLING CO., GREENSBURG, KENTUCKY (Con't)</b>						
** Daisy 24% Dairy Feed (with Urea) (0.9% excess non-protein nitrogen from Urea)	24.0	24.7	2.5	3.7	15.0	13.8**
Daisy 16% Protein Dairy Feed	16.0	17.9	2.5	2.8	15.0	11.5
Daisy 17% Protein Pig & Sow Feed	17.0	18.6	3.0	3.5	6.0	5.2
<b>WINN &amp; TOBIN MILLING CO., MARION, KENTUCKY</b>						
Hominy Meal	10.0	12.3	7.0	8.1	8.0	4.7
Daisy 17% Protein Starter & Grower	17.0	17.6	2.5	3.7	7.0	6.2
Daisy 18% Protein Hog Feed (Fattening)	18.0	19.5	4.0	5.3	7.0	6.8
Daisy Scratch Feed	9.0	10.6	2.5	2.6	3.0	2.3
<b>WOODFORD FEED COMPANY, VERSAILLES, KENTUCKY</b>						
Big W 16% Dairy Feed	16.0	17.8	3.0	2.5	12.0	7.7
<b>WOODFORD SPEARS &amp; SONS, PARIS, KENTUCKY</b>						
Bourbon Broiler Ration	20.0	20.9	3.0	3.4	6.5	5.1
Bourbon 18% Protein Laying Mash	18.0	20.6	2.5	2.9	7.0	5.4
<b>WONDER RICE MILLS, INC., STUTTGART, ARKANSAS</b>						
Rice Bran	12.0	13.0	12.0	15.6	12.0	9.3
<b>J. W. ZARINGS GRAIN &amp; MILL COMPANY, RICHMOND, KENTUCKY</b>						
** Zaring's 24% Dairy Feed (3.3% excess non-protein nitrogen from Urea)	24.0	27.3	3.0	4.3	12.0	10.8**

\*\*Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.