

# Quarterly Report on Official Feed Samples Analyzed

by the

FEED AND FERTILIZER DEPARTMENT  
KENTUCKY AGRICULTURAL EXPERIMENT  
STATION

in January, February, and March, 1956



Kentucky Agricultural Experiment Station  
University of Kentucky  
Lexington

FEED AND FERTILIZER DEPARTMENT  
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Bruce Poundstone, Head of Department

FIELD INSPECTION

Robert Mathews  
Neville Hulette

Otis R. Wheeler  
M. M. Davis

Noel J. Howard  
W. M. Routt

LABORATORY

Harry R. Allen  
Charles Broaddus  
Joan W. Ryan

Lelah Gault  
Valva Midkiff  
Robert N. Price

Louise M. Jett  
J. A. Shrader  
Norma Holbrook

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## ANALYSIS OF MOLASSES

MANUFACTURER, BRAND AND REMARKS	TOTAL SUGAR AS INVERT SUGAR
FARMERS ELEVATOR & MOLASSES COMPANY, FRANKLIN, KENTUCKY Molasses	53.1
NATIONAL MOLASSES COMPANY, CINCINNATI, OHIO Molasses	52.0
NATIONAL MOLASSES COMPANY, ORELAND, PENNSYLVANIA Molasses	51.5
WILLIAMS MOLASSES COMPANY, NEW ORLEANS, LOUISIANA Blackstrap Molasses	57.0

## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY Nicarbazin in Red A All Mash Starter & Grower Crumbles	Nicarbazin	0.0125	0.0133
BUHNER & COMPANY, LOUISVILLE, KENTUCKY Nicarbazin in Happy Farmer Broiler Mash	Nicarbazin	0.0125	0.0140
COOPERATIVE MILLS, INC., CINCINNATI, OHIO Nitrophenide Mixture in Starting & Growing Mash	Nitrophenide	0.0125	0.0095
Nicarbazin, Chlorotetracycline Mixture in Broiler Maker	Nicarbazin	0.0125	0.0012
DIXIE GRAIN COMPANY, SHELBYVILLE TENNESSEE Nicarbazin in Dixie Home Broiler Ration	Nicarbazin	0.0125	0.0138
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO Tuxedo High Energy Broiler Mash	Nicarbazin	0.0125	0.0088
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS Red CombChick Starter with Nicarbazin Mixture	Nicarbazin	0.0125	0.0133
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY Nicarbazin & 3-Nitro Mixture in Magic Broiler Starter	Nicarbazin	0.0125	0.0083
Nicarbazin & 3-Nitro Mixture in Magic Broiler Starter	Nicarbazin	0.0125	0.0087
McMILLEN FEED MILLS, FORT WAYNE, INDIANA Nicarbazin Mix in Master Mix Chick Starter	Nicarbazin	0.0125	0.0130
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY Nicarbazin in Tru Test 20% Broiler Mash	Nicarbazin	0.0125	0.0080
G. H. PHILLIPS & SONS, PEKIN, INDIANA Sulfaquinoxaline & 3-Nitro-4 in H. E. Broiler Mash	Sulfaquinoxaline	0.015	Trace
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS 3-Nitro & Nicarbazin Mixture in Broiler Pre-Starter	Nicarbazin	0.0125	0.0100
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI Purina Broiler Chow Starter	Nicarbazin	0.0125	0.0096

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



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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>		
Wayne 42% Dairy Mixing Supplement "S"	14.50	13.10
Wayne 42% Dairy Mixing Supplement "S"	14.50	14.00
Sugarine 16% Dairy	4.00	3.70
Wayne Roughage Supplement "A"	10.00	9.70
Wayne Roughage Supplement "A"	10.00	9.40
<b>AUBREY FEED MILLS INC., LOUISVILLE, KENTUCKY</b>		
Red "A" 32% Dairy Supplement	10.48	8.20
Red "A" 32% Dairy Supplement	10.48	8.60
Red "A" 32% Dairy Supplement	10.48	8.30
Red "A" 32% Dairy Supplement	10.48	9.10
Red "A" 24% Dairy Feed	7.86	7.40
Supreme 24% Dairy Feed	7.86	4.60
Supreme 24% Dairy Feed	7.86	6.00
Mountain Red "A" 24% Dairy Feed	7.86	5.30
Red "A" 16 1/2% Dairy Feed	2.62	3.00
Red "A" 16 1/2% Dairy Feed	2.62	4.10
<b>BABDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>		
Harrison's 20% Dairy Feed	6.56	4.40
<b>BANNER FEED MILLS, HUNTINGTON, WEST VIRGINIA</b>		
16% Yellow Tag Sweet Mixing Feed	5.25	6.00
16% Yellow Tag Sweet Mixing Feed	5.25	5.20
<b>BARDSTOWN MILLS, BARDSTOWN, KENTUCKY</b>		
Blue Ribbon 16% Dairy Feed	3.93	4.30
<b>BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY</b>		
Big B 24% Dairy Feed	5.00	3.40
Big B 24% Dairy Feed	5.00	2.30
Big G Cattle Supplement	30.00	19.30
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>		
Hi-Lo 24% Dairy Feed	7.86	7.50
Hi-Lo 24% Dairy Feed	7.86	6.60
Hi-Lo 24% Dairy Feed	7.86	3.40
Hi-Lo 24% Dairy Feed	7.86	6.20
Hi-Lo 24% Dairy Feed	7.86	8.30
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>		
Magnolia 32% Dairy Supplement	12.00	12.00
<b>CHESTNUT &amp; ANDERSON FEED MILLS COMPANY, HOPKINSVILLE, KENTUCKY</b>		
Little River Roughage Beef Supplement "A"	9.16	9.70

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
CLIFTY FALLS MILLS, MADISON, INDIANA		
Clifty Falls 24% Pusher Feed	7.86	7.30
Clifty Falls 24% Pusher Feed	7.86	8.10
Clifty Falls 24% Pusher Feed	7.86	5.30
CLINTON MILLING COMPANY, CLINTON, KENTUCKY		
Tennessee Special 16% Dairy Feed	4.18	4.50
COOPERATIVE MILLS, INC., CINCINNATI, OHIO		
Pro-Blend "50"	18.50	13.50
Cooperative 32% Dairy Supplement	11.00	9.00
Cooperative 32% Dairy Supplement	11.00	9.80
Beef Supplement	8.00	9.30
CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY		
Crescent 24% Dairy Feed	7.86	7.40
DEARBORN MILLS, AURORA, INDIANA		
Dearborn 24% Sweet Dairy	6.60	6.70
Dearborn 20% Sweet Dairy	4.00	6.60
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO		
Tuxedo 33% Dairy Supplement	11.00	11.50
Tuxedo Special Dairy 24%	6.80	5.20
Tuxedo 18% Dairy	4.45	4.40
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY		
Sweet 16% Dairy Feed	4.40	3.60
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY		
Producer 33% Dairy Concentrate	7.86	11.50
Producer 33% Dairy Concentrate	7.86	12.10
Producer 24% Dairy Feed	7.86	6.10
Producer 16% Dairy Feed	5.24	3.10
0.0011% Diethylstilbestrol Mix in Producer 32%		
Cattle Concentrate	7.86	9.00
Producer Bourbon Brand 74% Oat Hull Feed	3.20	1.60
GARDEN STREET MILL & ELEVATOR, LOUISVILLE, KENTUCKY		
Garden 16% Dairy Feed	2.00	2.00
EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA		
Gay-Key 16% Dairy Feed	5.24	4.50
HANCOCK & FRANKLIN MILLS, LOUISVILLE, KENTUCKY		
Arrow Special 16% Dairy Feed	5.24	3.80

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY		
Magic Sheep Feed	5.53	5.10
HOME MILLING COMPANY, GREENVILLE, KENTUCKY		
Happy Home 16% Sweet Dairy Feed	5.24	5.10
KNIFLEY FEED & SUPPLY, ELKHORN, KENTUCKY		
Elk Brand 32% Dairy Supplement	10.48	9.50
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY		
Thoroughbred 24% Sweet Dairy Feed	5.24	5.40
Thoroughbred 24% Sweet Dairy Feed	5.24	5.00
Sweet Sue 24% Sweet Dairy Feed	7.87	5.10
Sweet Sue 24% Sweet Dairy Feed	7.87	4.20
Thoroughbred 20% Sweet Dairy Feed	2.62	3.00
Sweet Sue 16% Sweet Dairy Feed	5.24	4.40
Sweet Sue 16% Sweet Dairy Feed	5.24	4.20
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY		
Double "M" 16% Dairy Feed	4.96	4.70
Double "M" Economy 16% Dairy Feed	4.94	3.30
McMILLEN FEED MILLS, FORT WAYNE, INDIANA		
Master Mix 44% Dairy Supplement	20.96	19.00
Master Mix 32% Cattle Supplement with Diethylstilbestrol	11.80	10.10
MYERS & CLARK COMPANY, ASHLAND, KENTUCKY		
Mi Choice 16% Dairy Feed	2.62	2.80
NATIONAL OATS COMPANY, E. ST. LOUIS, ILLINOIS		
Corno 18% Dairy Feed	5.00	3.20
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY		
Sugar Lassie 16% Dairy Feed	5.24	5.10
PILLSBURY MILL, INCORPORATED, CLINTON, IOWA		
Pillsbury's Best 24% Dairy Feed	8.00	6.30
Pillsbury's Best 24% Dairy Feed	8.00	5.90
Pillsbury's Best 20% Dairy Feed	6.55	5.40
Pillsbury's Best 16% Dairy Feed	5.25	2.20
Pillsbury's Best 16% Dairy Feed	5.25	2.70

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

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI</b>		
Purina Cow Chow Concentrate	8.75	9.20
.0011% Diethylstilbestrol Mix in Purina Special Steer Fatena	8.75	6.10
<b>ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY</b>		
Happy Home 16% Sweet Dairy Feed	5.24	5.24
<b>SHIVELY'S FEED &amp; SEED, COLUMBIA, KENTUCKY</b>		
Shively's Blue Ribbon 16% Dairy	3.50	1.90
<b>STALEY MILLING COMPANY, KANSAS CITY, MISSOURI</b>		
Diethylstilbestrol Mix in Staley Karmels S 32% Cattle Concentrate	11.64	11.70
<b>STURGIS MILLING COMPANY, STURGIS, KENTUCKY</b>		
Neva-Fail 16% Dairy Feed	5.24	0.20
<b>SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY</b>		
Green Valley 24% Dairy Feed	7.86	8.20
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>		
Premo 24% Dairy Feed	6.55	6.30
Supreme Special 20% Dairy Feed	6.56	7.60
Feeders Pride 16% Dairy Feed	5.24	5.20
<b>D. B. SUTHERLAND &amp; SONS, BLOOMFIELD, KENTUCKY</b>		
Kentucky Star Special 24% Dairy Feed	6.30	5.60
Kentucky Star Special 24% Dairy Feed	6.30	5.70
Kentucky Star 24% Dairy Feed	5.24	2.40
Kentucky Star Special 16% Dairy Feed	5.60	4.30
<b>THE UBIKO MILLING COMPANY, CINCINNATI, OHIO</b>		
Rumen Organism Mix 32% Union Grains Life Guard Supplement	8.60	6.70
Rumen Organism Mix in 40% Life Guard Beef Supplement	8.60	8.80
<b>VITALITY MILLS, INC., CHICAGO, ILLINOIS</b>		
Velvet 16% Dairy Feed	5.80	2.60

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



Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
ALLIED MILLS, INC., CHICAGO, ILLINOIS														
** Wayne 42% Dairy Mixing Supplement "S"	42.0	42.7	1.0	1.6	8.0	8.8	2.0	2.3	.7	1.2	.0008	---	3.7	2.2 **
Wayne 42% Dairy Mixing Supplement	42.0	44.3	1.0	1.8	8.0	5.8	2.0	2.1	.7	.9	.0008	---	3.7	3.5
** Wayne Roughage Supplement "A"	32.0	37.0	2.0	1.2	10.0	9.2	1.5	2.2	.8	1.0	.0008	---	2.5	.8
Wayne Feeds Roughage Supplement "A" Pellets	32.0	37.9	2.0	2.3	10.0	7.1	1.5	2.0	.8	1.2	.0008	---	2.5	1.9
Diethylstilbestrol Mixture inc. in Wayne Beef Cattle Supplement	30.0	35.1	1.0	2.3	8.0	6.7	1.5	1.8	.7	1.0	.0004	---	2.5	2.3
Wayne Pig Balancer	38.0	40.9	1.5	2.1	8.0	6.4	2.7	3.3	1.0	1.1	.0003	---	3.0	2.8
AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY														
Red "A" 32% Protein Dairy Supplement	32.0	35.4	3.0	4.9	8.5	7.8	1.1	1.3	.5	.7	.0005	---	2.0	1.5
Red "A" 32% Protein Dairy Supplement	32.0	35.5	3.0	3.7	8.5	7.1	1.1	1.3	.5	.7	.0005	---	2.0	1.2
Red "A" 32% Protein Dairy Supplement	32.0	34.4	3.0	5.3	8.5	8.4	1.1	1.5	.5	.7	.0005	---	3.0	1.9
** Red "A" 32% Protein Dairy Supplement	32.0	37.5	3.0	4.8	8.5	9.7	1.1	.9	.5	.5	.0005	---	2.0	1.2**
BUHNER & COMPANY, LOUISVILLE, KENTUCKY														
** Magnolia 32% Protein Dairy Supplement	32.0	33.1	3.0	2.8	10.0	7.3	4.0	4.0	1.0	1.1	-----	---	3.5	4.2**
COOPERATIVE MILLS, INC., CINCINNATI, OHIO														
Pro-Blend "50"	50.0	52.8	3.0	4.7	10.0	6.4	2.2	1.9	1.2	.9	.0001	---	3.5	3.4
** Beef Supplement	30.0	33.7	2.0	1.9	11.0	11.4	1.7	1.4	1.0	.9	.0001	---	2.5	2.1**
0.3% excess non-protein nitrogen from urea														
40% Pork Maker (For hogs on pasture)	40.0	41.9	4.0	5.0	5.0	4.8	4.5	3.6	1.5	1.7	-----	---	2.2	2.0

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

## 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
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Cont'd)														
40% Pork Maker	40.0	43.8	4.0	4.7	5.0	4.6	3.5	4.0	1.5	1.8	.0001	---	2.2	2.1
35% Sow & Pig Supplement	35.0	36.8	3.0	4.3	8.5	7.9	3.0	3.3	1.2	1.3	.0001	---	2.5	2.4
DARLING & COMPANY, CHICAGO, ILLINOIS														
** Darling's Special Steamed Bone Meal	5.0	15.5	.5	6.1	3.0	5.0	23.0	26.6	12.0	12.9	-----	---	---	-----**
DEARBORN MILLS, AURORA, INDIANA														
Success Brand 40% Pig & Hog Supplement	40.0	41.7	1.5	2.8	7.5	7.5	2.0	2.7	.1	.9	.03	---	1.5	.9
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO														
Tuxedo 32% Chick Mash Supplement	32.0	36.6	2.5	3.0	7.5	7.6	3.0	3.4	1.3	1.3	.00038	---	1.5	1.7
Tuxedo Big Forty Hog Supplement	40.0	42.6	2.5	3.0	7.0	6.0	4.0	4.3	1.3	1.1	.00133	---	1.7	1.6
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE														
.0011% Diethylstilbestrol Mix in Famous 32% Beef Cattle Supplement A	32.0	34.5	1.0	2.0	9.0	10.3	2.5	2.4	1.2	1.0	.0004	---	2.5	2.1**
McMILLEN FEED MILLS, FORT WAYNE, INDIANA														
Master Mix 44% Dairy Supplement	44.0	45.2	1.0	2.2	9.5	6.0	3.2	4.1	1.1	1.2	.0004	---	3.4	3.9
Master Mix 32% Cattle Supplement with Diethylstilbestrol	32.0	34.8	2.0	2.1	10.0	7.8	2.5	3.1	1.2	1.4	.0003	---	2.7	3.2
MARBLEHEAD LIME COMPANY, CHICAGO, ILLINOIS														
Marblehead Mineral Base #20	-----	-----	---	---	---	---	30.0	32.5	2.0	2.4	.038	---	10.0	9.8
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY														
** Double "M" 34% Layer Concentrate	34.0	39.0	1.5	2.1	8.0	5.8	5.1	4.3	1.5	1.5	-----	---	2.0	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



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
MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY														
State Leader 40% Protein Hog Supplement	40.0	43.1	4.0	4.2	7.0	5.7	3.0	6.0	3.0	2.8	.0004	---	3.0	3.1
PILLSBURY MILLS, INC., CLINTON, IOWA														
Pillsbury's Best 24% Dairy Feed	24.0	27.6	2.5	2.5	8.5	6.9	1.4	1.8	.7	.9	.0002	---	1.7	1.9
Pillsbury's Best 24% Dairy Feed	24.0	25.7	2.5	2.4	8.5	6.3	1.4	1.2	.7	.9	.0002	---	1.7	1.4
PURCELL SEED COMPANY, INC., EVANSVILLE, INDIANA														
Purcell's 20% Protein Pig & Sow Ration	20.0	20.7	3.5	3.6	6.0	4.9	2.5	3.7	.7	.8	.0035	---	1.0	1.0
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS														
Ful-O-Pep Livestock Mineral	---	---	---	---	---	---	23.0	25.8	6.0	6.2	.001	---	21.0	22.5
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI														
Purina Cow Chow Supplement	24.0	26.9	2.5	2.1	11.0	6.9	1.5	1.0	.9	1.0	.00035	---	2.5	1.2
ROSS FEED COMPANY, MURRAY, KENTUCKY														
** Standard Brand 40% Protein Hog Supplement	40.0	44.3	4.0	2.8	8.0	6.9	1.2	2.8	.2	1.2	.00015	---	1.0	.9**
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI														
Four Bells Atoms Brand Trio 26% Balancer	26.0	25.7	2.5	2.4	7.5	7.5	3.0	2.8	1.0	.6	.0004	---	1.0	1.0
VITAMINERAL PRODUCTS COMPANY, PERORIA, ILLINOIS														
Viaferm Mineral Supplement	---	---	---	---	---	---	28.0	31.1	5.0	4.8	.0425	---	---	---

\*\* 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

January, February and March, 1956

Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or screenings, 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
ALBANY MILLS, ALBANY, KENTUCKY						
** Mixed Feed	11.5	13.3	3.0	<u>2.2</u>	5.0	4.5**
Mixed Feed	11.5	13.5	3.0	<u>3.0</u>	5.0	4.3
ALLED MILLS, CHICAGO, ILLINOIS						
3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Wayne Chick Starter	20.0	20.8	3.0	4.3	5.5	4.8
Wayne 24% Dairy	24.0	25.9	2.5	3.4	8.0	6.8
Sugarinē 16% Dairy	16.0	19.9	2.5	3.0	11.0	11.1
ARCADY FARMS MILLING COMPANY, CHICAGO, ILLINOIS						
Arcady 26% Protein Game Bird Grower	26.0	27.3	4.0	4.3	7.0	5.2
ARKANSAS CITY FLOUR MILLS, ARKANSAS CITY, KANSAS						
** Wheat Gray Shorts & Screenings Contained mixed screenings	16.0	16.4	3.5	4.2	6.0	6.2**
ARMOUR & COMPANY, CHICAGO, ILLINOIS						
Armour 60% Protein Digester Tankage	60.0	63.5	6.0	6.5	3.0	2.0
AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY						
Nicarbazin Mix in Red "A" All Mash Starter & Grower Crumbles	20.0	23.2	3.5	4.2	7.0	5.3
Red A High Energy Broiler Ration Crumbles	22.0	24.3	3.5	3.5	4.5	3.6
Red A Poultry Feed	9.0	9.5	2.5	3.3	5.0	2.2
Red A Laying Crumbles	20.0	21.2	3.0	4.3	8.0	6.4
Red A Laying Pellets	20.0	22.0	3.0	3.2	8.0	5.7
Red A Breeder Mash	20.0	23.5	3.5	3.8	8.0	6.5
Red A 24% Protein Dairy Feed	24.0	26.4	3.0	4.3	10.0	7.0
** Supreme 24% Protein Dairy Feed	24.0	<u>19.2</u>	3.0	3.9	10.0	5.3**
Very much below guarantee in protein						
Supreme 24% Protein Dairy Feed	24.0	25.3	3.0	4.9	10.0	7.4
Mountain Red A 24% Protein Dairy Feed	24.0	24.4	3.0	5.5	10.0	6.8
Red A 16 1/2% Dairy Feed	16.5	18.1	3.0	3.9	10.0	5.8
** Red A 16 1/2% Dairy Feed	16.5	19.8	3.0	4.1	10.0	5.8**
0.5% excess non-protein nitrogen from urea						
Red A 18% Sow and Pig Feed	18.0	20.2	3.0	3.8	6.0	5.3

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY, (Con't)						
** Red A Wheat Grey Shorts with Ground Screenings	16.0	18.7	3.5	6.1	6.0	<u>7.6</u> **
Contained mixed screenings						
** Red A Wheat Grey Shorts with Ground Screenings	16.0	17.7	3.5	4.4	6.0	<u>7.1</u> **
BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY						
** Harrison's 20% Protein Dairy Feed	20.0	<u>19.0</u>	3.5	<u>2.0</u>	10.0	7.1**
BANNER FEED MILLS, HUNTINGTON, WEST VIRGINIA						
16% Yellow Tag Sweet Mixing Feed	16.0	20.6	1.5	1.7	15.0	14.3
16% Yellow Tag Sweet Mixing Feed	16.0	18.4	1.5	2.1	15.0	15.4
BARDSTOWN MILLS, BARDSTOWN, KENTUCKY						
Blue Ribbon 20% Protein Laying Mash	20.0	21.2	2.5	4.4	8.0	5.8
** Blue Ribbon 16% Protein Dairy Feed	16.0	16.7	2.5	<u>1.7</u>	15.0	14.8**
BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY						
** Big B 24% Dairy Feed	24.0	28.9	3.0	<u>1.5</u>	10.0	7.5**
Big B 24% Dairy Feed	24.0	25.2	3.0	2.8	10.0	7.4
** Big G Cattle Supplement	50.0	<u>46.0</u>	1.5	2.1	6.0	<u>9.7</u> **
Very much below guarantee in protein and above guarantee in fiber. Misbranded						
BAY STATE MILLING COMPANY, LEAVENWORTH, KANSAS						
Bay State Pure Wheat Bran	14.5	17.2	3.5	4.3	11.0	9.9
BI-COUNTY FARM BUREAU COOPERATIVE, ERLANGER, KENTUCKY						
** Co-op Special Brand 20% Protein Laying Mash	20.0	20.0	3.0	3.5	8.0	<u>9.0</u> **
** Co-op Porkmaker Brand 16% Protein Hog Ration	16.0	16.7	2.5	5.0	6.0	<u>7.4</u> **
BIG FOUR MILLS, COVINGTON, KENTUCKY						
** Big Four 24% Dairy Feed	24.0	<u>21.0</u>	3.0	<u>2.3</u>	12.0	8.6**
Very much below guarantee in protein						
** Hi-Lo 24% Dairy Feed	24.0	27.0	2.5	2.4	12.0	9.5**
Contained corn cobs						
Hi-Lo 24% Dairy Feed	24.0	24.2	2.5	2.3	12.0	9.3
** Hi-Lo 24% Dairy Feed	24.0	27.1	2.5	2.4	12.0	10.8**
Contained corn cobs						

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

MANUFACTURER, BRAND AND REMARKS		Protein		Fat		Fiber	
		Guar.	Found	Guar.	Found	Guar.	Found
BIG FOUR MILLS, COVINGTON, KENTUCKY (Con't)							
**	Hi-Lo 24% Dairy Feed	24.0	<u>21.6</u>	2.5	2.0	12.0	10.0**
	Very much below guarantee in protein						
	Hi-Lo 24% Dairy Feed	24.0	<u>22.5</u>	2.5	2.5	12.0	10.5**
	Hi-Lo 24% Dairy Feed	24.0	<u>28.6</u>	2.5	4.0	12.0	11.6
**	O. K. 16% Dairy Feed	16.0	17.7	2.5	2.9	15.0	14.5**
	Contained unground weed seeds						
	Big Four 14% Stock Feed	14.0	16.2	2.5	2.5	10.0	10.3
	Big Four Horse Feed	9.0	10.2	3.0	3.3	9.0	9.2
BROWDER MILLING COMPANY, FULTON, KENTUCKY							
**	Sweet Dairy Feed 16%	16.0	15.6	3.0	4.4	15.0	8.3**
	Contained oat mill by-product						
BUHNER & COMPANY, LOUISVILLE, KENTUCKY							
	Happy Farmer Broiler Mash	20.0	22.2	3.0	3.7	4.5	3.6
CADIZ MILLING COMPANY, CADIZ, KENTUCKY							
	Sugar Sweet Dairy Feed	16.0	16.5	3.0	3.6	10.0	8.6
	Wheat Grey Shorts & Screenings	14.0	15.0	3.0	2.8	6.0	3.6
CANEYVILLE ROLLER MILL, CANEYVILLE, KENTUCKY							
	Kentucky Farm Scratch Feed	9.0	9.8	2.0	3.5	7.0	2.4
CANN BROTHERS, LEITCHFIELD, KENTUCKY							
**	Cann's 16% Dairy	16.0	<u>14.0</u>	2.5	4.2	15.0	11.5**
CHESNUT & ANDERSON FEED MILL COMPANY, HOPKINSVILLE, KENTUCKY							
**	Little River Roughage Beef Supplement "A"	32.0	35.9	1.0	2.0	7.0	<u>8.1**</u>
	Little River 40% Hog Supplement	40.0	42.7	4.0	5.6	5.0	3.1
CITIZENS MILLING COMPANY, SOMERSET, KENTUCKY							
	16% Cumberland Mixed Feed	16.0	15.6	2.5	3.4	10.0	6.8
CLIFTY FALLS MILLS, INC., MADISON, INDIANA							
	Clifty Falls 20% Protein Egg Mash	20.0	21.4	3.0	5.3	7.0	6.7
**	Clifty Falls 24% Protein Cow Feed	24.0	27.4	2.5	<u>1.7</u>	10.0	7.6**
	Clifty Falls 24% Protein Pusher Feed	24.0	26.7	2.5	3.1	10.0	6.6
	Clifty Falls 24% Protein Pusher Feed	24.0	26.2	2.5	2.8	10.0	4.8

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CLIFTY FALLS MILLS, MADISON, INDIANA, (Con't)						
** Clifty Falls 24% Protein Pusher Feed	24.0	<u>23.0</u>	2.5	2.6	10.0	6.6**
** Clifty Falls 15% Protein Stock Feed Contained mixed screenings	15.0	15.3	2.5	3.4	9.0	9.2**
CLINTON HATCHERY, CLINTON, KENTUCKY						
New Deal 20% Protein Breeder Mash	20.0	20.4	3.0	3.7	8.0	6.1
CLINTON MILLING COMPANY, CLINTON, KENTUCKY						
Tennessee Special 16% Protein Dairy Feed	16.0	18.4	2.5	3.4	8.0	7.5
Climco Custom Hog Feed	14.0	14.2	4.0	4.7	4.5	4.3
Climco Special Mix	9.0	11.4	2.0	3.0	15.0	7.8
Wheat Mixed Feed	15.0	15.5	3.5	4.2	8.0	6.6
H. C. COLE MILLING COMPANY, CHESTER, ILLINOIS						
Omega Wheat Grey Shorts and Screenings	15.0	15.5	4.0	4.2	6.0	5.5
** Omega Winter Wheat Bran	13.5	15.0	3.7	3.4	10.0	<u>11.0</u> **
CLELL COLEMAN & SONS, BURGIN, KENTUCKY						
Big Blue Stock Feed	16.5	16.9	4.0	3.8	6.5	5.2
Big Blue Stock Feed	16.5	16.5	4.0	4.3	6.5	5.0
** Big Blue Stock Feed	16.5	<u>15.2</u>	4.0	4.3	6.5	4.6**
Coleman's Pig & Hog Feed	16.5	16.2	4.0	4.0	6.5	6.0
COLLIER BROTHERS FEED MILL, HICKORY, KENTUCKY						
16% Sweet Dairy Feed	16.0	15.7	2.5	4.3	15.0	8.6
THE COLORADO MILLING & ELEVATOR COMPANY, DENVER, COLORADO						
Wheat Grey Shorts & Screenings	16.0	15.5	3.5	3.6	6.0	5.0
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY						
Soft Wheat Feed with Screenings	14.0	15.0	3.0	3.1	9.0	5.3
COOPERATIVE MILLS, CINCINNATI, OHIO						
Nitrophenide Mixture in Starting and Growing Mash	20.0	22.0	4.5	6.3	6.0	5.0
Starting & Growing Mash	20.0	21.9	4.5	6.9	6.0	5.1
Starting & Growing Mash	20.0	21.2	4.5	6.3	6.0	5.3
Nitrophenide Mixture in Starting & Growing Mash	20.0	20.0	4.5	6.2	6.0	4.5
3-Nitro-4-Hydroxy Mixture in Broiler Mash	22.0	21.8	4.5	5.8	4.5	4.1

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Con't)						
.0125% Nicarbazin, Chloro- tetracycline Mixture in Broiler Maker	22.0	23.9	3.0	6.0	5.0	4.1
Super Laying Mash	20.0	21.2	4.0	5.8	5.5	4.9
Egg Maker	20.0	19.8	3.5	5.1	6.5	4.7
32% Milk Maker	32.0	34.8	2.5	2.5	10.0	7.6
** Coop 32% Dairy Supplement 4% excess non-protein nitrogen from urea	32.0	34.4	2.5	2.6	11.0	9.3**
32% Dairy Supplement	32.0	34.0	2.5	2.8	11.0	10.4
24% Milk Maker	24.0	26.3	3.0	3.3	10.0	8.7
20% Dari-Flo (Coarse Texture)	20.0	23.1	3.5	3.8	10.0	7.9
Fitting Feed	13.0	14.3	3.5	3.4	10.0	7.0
Sheep Feed	14.0	15.4	3.0	3.7	10.0	7.4
Red Ranger Dog Food	24.0	26.2	6.5	8.8	5.0	3.7
CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY						
Crescent 24% Protein Dairy Feed	24.0	27.0	3.0	4.6	10.0	7.5
DEARBORN MILLS, AURORA, INDIANA						
Dearborn 24% Sweet Dairy	24.0	26.9	2.5	4.1	12.5	10.5
** Dearborn Sweet 20% Dairy 1.6% excess non-protein nitrogen from urea	20.0	25.4	2.5	3.5	12.5	11.0**
Dearborn 16% Dairy Feed	16.0	17.6	2.5	3.9	9.5	9.2
Dearborn Horse & Mule Feed	9.0	10.1	2.5	3.1	12.5	6.7
W. C. DICKEN, MENTOR, KENTUCKY						
Sunny Grain Brand 20% Dairy Feed	20.0	21.1	3.5	4.8	9.0	7.7
DIXIE GRAIN COMPANY, SHELBYVILLE, TENNESSEE						
Dixie Home Broiler Ration	21.0	22.2	3.5	5.0	5.0	3.2
DUNCAN-HUGHES & COMPANY, LAGRANGE, KENTUCKY						
24% Protein Dairymaid Dairy Feed	24.0	26.4	3.5	5.0	11.0	8.9
DYERSBURG OIL MILL COMPANY, DYERSBURG, TENNESSEE						
Star Brand 41% Protein Cottonseed Meal	41.0	40.6	3.0	4.3	14.0	10.0
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO						
Nitrofurazone Mixture 0.0055% in Starter, Grower & Developer Mash	17.0	18.1	3.0	4.9	7.0	6.6

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO (Con't)						
Tuxedo High Energy Broiler Mash						
Bitty Bits	20.0	21.3	4.0	4.1	4.0	4.3
Tuxedo Egg Mash	20.0	19.9	3.0	4.0	8.0	7.7
** Tuxedo Special Egg Mash	20.0	21.1	3.0	3.6	8.0	8.9**
Tuxedo Special Egg Mash	20.0	20.7	3.0	4.2	8.0	8.4
Tuxedo Special Egg Mash	20.0	20.5	3.0	3.7	8.0	8.2
Tuxedo 33% Dairy Supplement	33.0	37.2	2.0	2.6	8.5	7.4
Tuxedo Special Dairy 24%	24.0	24.7	3.0	2.6	12.0	7.4
Tuxedo 18% Dairy Feed	18.0	19.0	3.0	3.5	10.0	9.4
JOHN W. ESHELMAN & SONS, CIRCLEVILLE, OHIO						
Red Rose Hog Meal	16.0	18.6	3.5	3.4	8.0	6.9
FAMOUS FEED MILL, NASHVILLE, TENNESSEE						
** Famous 33% Dairy Concentrate	33.0	39.0	1.0	1.1	9.0	10.6**
Famous 32% Sow & Pig Supplement	32.0	39.3	2.5	4.0	9.0	7.4
FARMERS & MERCHANTS MILLING COMPANY, BROOKSVILLE, KENTUCKY						
Mixed Feed	14.5	14.0	3.0	3.9	8.0	5.9
FARMERS FEED MILL, JAMESTOWN, KENTUCKY						
Farmers 16% Dairy Feed	16.0	15.9	3.0	2.9	10.0	9.7
FARMERS FEED STORE, CENTRAL CITY, KENTUCKY						
** Green River Brand	16.0	17.3	3.0	<u>1.3</u>	15.0	15.0**
Veribest Brand 9% Horse & Mule Feed	9.0	9.5	3.0	3.7	8.0	5.2
FARMERS MILLING COMPANY, SOMERSET, KENTUCKY						
Farmers 16% Mixed Feed	16.0	16.6	3.0	5.5	10.0	7.1
Farmers 16% Mixed Feed	16.0	16.9	3.0	5.1	10.0	8.8
Farmers XXX Stock Feed	12.5	13.3	2.0	6.3	15.0	8.0
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY						
Sweet 16% Dairy Feed	16.0	18.3	2.5	3.3	15.0	6.2
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY						
** Producer 33% Dairy Concentrate	33.0	36.7	2.0	4.2	8.0	8.4**
2.64% excess non-protein nitrogen from urea						
** Producer 33% Dairy Concentrate	33.0	39.6	2.0	3.9	8.0	8.1**
3.24% excess non-protein nitrogen from urea						
Producer 24% Dairy Feed	24.0	25.8	3.0	3.9	9.0	7.4
Producer 16% Dairy Feed	16.0	20.9	2.5	4.9	9.0	7.0

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY, (Con't)						
** .0011% Diethylstilbestrol Mix in Producer 32% Cattle Concentrate 0.14% excess non-protein nitrogen from urea	32.0	39.5	2.0	2.5	9.0	7.7**
Producer Horse & Mule Feed	9.0	8.8	3.5	5.9	6.0	5.0
Producer 40% Pig & Hog Supplement	40.0	43.7	2.5	4.5	8.0	6.8
Producer 40% Pig & Hog Supplement	40.0	43.3	2.5	4.9	8.0	6.2
Producer 40% Pig & Hog Supplement	40.0	41.3	2.5	4.2	8.0	6.1
** Producer 40% Pig & Hog Supplement	40.0	<u>30.7</u>	2.5	4.8	8.0	7.0**
Very much below guarantee in protein. Misbranded Producer Bourbon Brand 74% Oat Hull Feed, Cottonseed Meal, Soybean Oil Meal, Ground Corn Rye Middlings, Molasses, Urea and Minerals	8.0	9.8	1.0	.9	24.0	14.7
FUHRER-FORD MILLING COMPANY, MT. VERNON, INDIANA						
Wheat Gray Shorts & Screenings	16.0	16.2	4.0	4.3	6.0	6.4
Wheat Bran	14.5	15.1	4.0	4.2	10.0	9.6
GARDEN STREET MILL & ELEVATOR COMPANY, LOUISVILLE, KENTUCKY						
Garden 16% Protein Dairy Feed	16.0	20.2	3.0	2.8	15.0	10.7
GARRARD MILLS, LANCASTER, KENTUCKY						
Glen Lily Farm Feed	12.5	13.1	3.5	4.5	6.0	5.8
GENERAL DISTRIBUTORS, COVINGTON, KENTUCKY						
General Feeds Made-Rite Special All-Mash Laying Ration	16.0	23.2	2.5	5.1	8.0	4.6
GENERAL MILLS, MINNEAPOLIS, MINNESOTA						
Larro Surestart	19.0	20.1	3.5	4.7	2.5	2.2
GERMANTOWN MILLING COMPANY, GERMANTOWN, KENTUCKY						
Mixed Feed	15.0	15.5	4.0	3.8	6.0	6.0
GILSTER MILLING COMPANY, CHESTER, ILLINOIS						
Gilster's Wheat Gray Shorts	15.5	15.3	4.0	4.8	7.5	4.6
EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA						
Gay-Key 18% Protein Poultry Mash	18.0	20.1	3.0	4.1	5.0	5.4
** Gay-Key 16% Dairy Feed	16.0	17.0	2.5	<u>1.6</u>	13.0	<u>14.0**</u>
** Big Gee Brand Horse & Mule Feed	10.0	9.8	2.5	3.1	12.0	6.9**
Contained unground wheat cheat seeds.						

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA (Con't)						
Goeke's 40% Protein Hog Supplement	40.0	41.2	3.0	3.5	6.0	6.2
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS						
Red Comb Chick Starter with Nicarbazin Mixture	20.0	22.4	3.0	3.6	6.0	5.1
Pioneer Pelleted Flaked 16% Dairy	16.0	16.8	3.0	3.6	9.0	6.5
HANCOCK & FRANKLIN MILLS, LOUISVILLE, KENTUCKY						
Arrow Special 16% Dairy Feed	16.0	16.7	2.5	3.2	14.0	11.6
Arrow 18% Pig & Sow Feed	18.0	20.1	3.5	3.6	6.0	6.2
HARDIN MILLING COMPANY, HARDIN, KENTUCKY						
Marco 40% Protein Hog Supplement	40.0	44.3	2.0	3.2	10.0	7.3
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY						
Magic Chick Starter	21.0	20.5	2.5	4.4	6.0	3.4
** Magic Chick Starter	21.0	<u>20.1</u>	2.5	4.0	6.0	3.5**
** Nicarbazin 3-Nitro Mixture in Magic Broiler Starter	23.0	<u>21.5</u>	4.0	4.6	2.6	2.3**
Nicarbazin & 3-Nitro Mixture in Magic Broiler Mash	23.0	23.1	4.0	4.5	2.6	2.1
Magic Sheep Feed	17.0	18.3	2.5	3.1	12.0	3.2
HENDERSON FEED & COMMISSION COMPANY, HENDERSON, KENTUCKY						
Jim Dandy 40% Protein Hog Supplement	40.0	42.0	1.2	2.5	7.5	5.1
HERNING'S MILL, HAZEL, KENTUCKY						
Herning's Special Brand 20% Egg Mash	20.0	20.9	2.5	3.9	7.0	4.5
HICKMAN COUNTY FEED MILL, CLINTON, KENTUCKY						
Sulfaquinoxaline in Standard Brand 20% Starting Mash	20.0	22.2	2.5	2.8	6.5	5.3
Standard Brand 16% Protein Dairy Feed	16.0	15.5	2.5	2.2	10.0	10.2
HOME MILLING COMPANY, GREENVILLE, KENTUCKY						
Happy Home 16% Sweet Dairy Feed	16.0	17.2	2.5	2.3	15.0	13.3
** Champion 17% Protein Pig & Sow Meal	17.0	19.2	4.0	4.8	6.0	<u>10.5**</u>
Very much above guarantee in fiber						

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HOME MILLING COMPANY, GREENVILLE, KENTUCKY (Con't)						
** Champion 17% Protein Pig & Sow Meal	17.0	18.7	4.0	3.5	6.0	<u>9.7**</u>
Very much above guarantee in fiber.						
HOPKINSVILLE MILLING COMPANY, HOPKINSVILLE, KENTUCKY						
** 44% Solvent Extracted Soybean Oil Meal	44.0	45.2	.5	1.1	7.0	<u>8.0**</u>
HORSE CAVE MILLS, HORSE CAVE, KENTUCKY						
Superior Brand Mixed Feed	12.0	14.1	3.0	3.1	8.5	3.5
HORSE CAVE SWEET FEED MILL, HORSE CAVE, KENTUCKY						
Hart County 20% Chick Starter	20.0	23.5	3.0	4.3	6.0	4.4
Hart County All Mash Cage Laying Ration	16.0	19.3	3.0	4.4	5.2	4.7
IGLEHEART BROTHERS, GENERAL FOOD CORP., EVANSVILLE, INDIANA						
(Low Protein) Wheat Gray Shorts with Ground Wheat Screenings	14.0	16.0	3.5	4.1	6.0	4.5
ILLINOIS CEREAL MILLS, INC., PARIS, ILLINOIS						
Hominy Feed	10.0	11.5	5.0	6.6	5.0	4.6
J. F. IMBS MILLING COMPANY, BELLEVILLE, ILLINOIS						
Charm Winter Wheat Bran	14.5	15.8	3.7	3.6	10.0	9.2
JONES PACKING COMPANY, PADUCAH, KENTUCKY						
Jones' 45% Protein Tankage	45.0	45.2	10.0	16.5	4.0	2.9
KECO MILLING COMPANY, MCKENZIE, TENNESSEE						
Keco Hog Fat-Ner	16.0	17.8	3.5	5.5	8.0	6.4
KELLER HAY & GRAIN COMPANY, NEWPORT, KENTUCKY						
** Big K Pig & Sow Ration	16.0	17.7	3.5	4.7	6.0	<u>8.0**</u>
KENTUCKY ANIMAL BY-PRODUCT COMPANY, RUSSELLVILLE, KENTUCKY						
** Blue Ribbon Brand 50% Tankage	50.0	53.0	6.0	18.5	3.0	<u>2.9**</u>
Contained feather meal						
Blue Ribbon Brand 50% Tankage	50.0	50.7	6.0	15.6	3.0	2.3
KNIFLEY FEED & SUPPLY, ELKHORN, KENTUCKY						
Elk Brand Growing Mash	18.0	18.0	3.0	4.1	5.0	4.6
Elk Brand 32% Dairy Supplement	32.0	34.3	1.5	1.7	10.0	4.9
LAKE COUNTY OIL MILL, TIPTONVILLE, TENNESSEE						
Prime Quality Solvent Extracted 41% Protein Cottonseed Meal	41.0	42.1	.5	1.3	14.0	10.3

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>LAUHOFF SOYA COMPANY, DANVILLE, ILLINOIS</b>						
44% Protein Solvent Extracted Soybean Oil Meal	44.0	47.1	.5	.6	7.0	6.2
<b>LEGRANDE SWEET FEED MILL, HORSE CAVE, KENTUCKY</b>						
Ground Popcorn		10.8		3.4		3.3
<b>LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY</b>						
Coon Range Economy Brand 20% Laying Mash	20.0	21.4	3.5	3.3	8.0	5.5
** Coon Range Brand 40% Protein Hog Supplement	40.0	<u>38.3</u>	3.5	3.6	7.5	7.7**
<b>LEXINGTON ROLLER MILLS, INC., LEXINGTON, KENTUCKY</b>						
Thoroughbred 24% Protein Sweet Dairy Feed	24.0	28.5	2.5	2.3	8.0	6.7
** Thoroughbred 24% Protein Sweet Dairy Feed	24.0	24.5	3.0	<u>2.4</u>	8.0	7.2**
** Sweet Sue 24% Protein Sweet Dairy Feed	24.0	24.2	3.0	<u>1.9</u>	13.0	12.3**
** Sweet Sue 24% Protein Sweet Dairy Feed	24.0	<u>20.8</u>	3.0	<u>1.6</u>	13.0	<u>14.5**</u>
Very much below guarantee in protein						
Thoroughbred Brand 20% Protein Sweet Dairy Feed	20.0	24.1	3.0	3.0	9.0	7.5
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	20.4	3.0	2.6	15.0	14.7
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	19.2	3.0	2.8	15.0	13.8
Thorbred Wheat Brown Shorts with Screenings	15.0	16.6	4.0	3.9	7.5	6.2
<b>LOFTON'S MILL, PROVIDENCE, KENTUCKY</b>						
** Lofton's Special Brand 16% Protein Dairy Feed	16.0	19.5	3.5	<u>2.3</u>	13.0	8.3**
<b>LYNN GROVE MILLING COMPANY, LYNN GROVE, KENTUCKY</b>						
Wheat Bran & Shorts	14.0	15.7	3.5	3.6	8.0	5.4
<b>McMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>						
Nicarbazin Mix in Master Mix Chick Starter	20.0	22.0	3.5	3.4	5.0	4.1
Master Mix Sweet 16% Dairy	16.0	19.8	1.5	5.7	15.0	13.4
Master Mix Complete Calf-Mix	17.5	17.8	3.0	4.1	8.0	6.5
<b>MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY</b>						
Double "M" 20% Laying Mash	20.0	21.1	2.5	4.8	7.0	6.0

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY (Con't)						
Double M 16% Dairy Feed	16.0	16.8	2.5	3.0	10.0	8.4
Double M Economy Dairy Feed	16.0	17.9	2.5	3.4	14.0	8.3
Double M Pig & Sow Feed	18.0	18.8	3.0	4.2	6.0	5.0
MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY						
State Leader 17% Protein Chick Growing Mash	17.0	19.5	2.5	3.7	7.0	4.4
State Leader Brand 16% Protein Dairy Feed	16.0	16.9	2.5	2.8	9.0	7.2
MIDGET MILLS, SOMERSET, KENTUCKY						
16% Protein Dairy Feed	16.0	<u>13.4</u>	3.0	3.1	10.0	9.7**
Very much below guarantee in protein						
MONROE BROTHERS SWEET FEED MILL, CAVE CITY, KENTUCKY						
18% Starter & Grower Mash	18.0	20.7	2.5	4.0	7.0	7.2
18% Egg Mash	18.0	20.9	3.0	3.2	7.5	7.3
MT. VERNON MILLING COMPANY, MT. VERNON, INDIANA						
Sunlite Hominy Feed	10.0	11.2	5.5	5.5	6.0	3.9
MYERS & CLARK COMPANY, INC., ASHLAND, KENTUCKY						
Ideal Brand 20% Protein Laying Mash	20.0	21.3	3.0	5.9	8.0	6.6
Mi Choice 16% Dairy Feed	16.0	16.9	2.5	2.7	15.0	10.7
Ideal Brand 17% Protein Hog & Pig Feed	17.0	17.8	3.0	5.0	8.0	4.8
NASHVILLE COTTON OIL MILL CORPORATION, NASHVILLE, TENNESSEE						
** 41% Protein Solvent Extracted Cottonseed Meal	41.0	<u>39.7</u>	.5	.4	14.0	14.1**
41% Protein Solvent Extracted Cottonseed Meal	41.0	40.7	.5	2.5	14.0	13.8
** 41% Protein Solvent Extracted Cottonseed Meal	41.0	<u>37.3</u>	.5	2.8	14.0	<u>15.4**</u>
Very much below guarantee in protein						
NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS						
Corno 18% Dairy Feed	18.0	21.1	2.5	3.5	10.0	8.9
.0022% Diethylstilbestrol Mixture in Corno Cattle Supplement A	30.0	35.1	1.0	2.0	8.5	6.7
Corno Premium Feed	9.5	9.9	2.0	4.1	12.0	6.6
THE NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS						
Polar Bear Wheat Gray Shorts with Screenings	16.0	15.5	4.0	4.4	6.0	5.2

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS (Con't)						
Polar Bear Wheat Gray Shorts with Screenings	16.0	17.4	4.0	3.8	6.0	5.5
Polar Bear Wheat Gray Shorts with Screenings	16.0	16.8	4.0	5.1	6.0	4.6
CHAS. NUNN & SONS MILLING COMPANY, EVANSVILLE, INDIANA						
Nunn-Better 20% Egg Mash with Cod Liver Oil	20.0	22.0	2.5	3.5	7.0	5.9
Banner Sweet 16% Dairy Feed	16.0	19.3	2.5	4.8	12.5	10.4
Nunn-Better Complete All Purpose Rabbit Pellets	15.0	16.3	2.0	3.6	17.0	13.7
Nunn-Better 40% Hog Supplement	40.0	42.4	1.0	4.3	8.5	5.7
Nunn-Better Wheat Shorts	13.5	15.8	3.0	3.9	6.0	4.3
OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY						
Cardinal 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.4	.5	1.0	7.0	6.4
Toasted Cardinal 44% Protein Solvent Extracted Soybean Oil Meal	44.0	44.7	.5	.8	7.0	5.8
OWENSBORO GRAIN COMPANY, INC., OWENSBORO, KENTUCKY						
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.9	.5	1.1	7.0	6.7
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.3	.5	1.2	7.0	5.6
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY						
Nicarbazin in TruTest 20% Broiler Mash	20.0	22.3	3.0	3.8	4.5	4.6
TruTest 20% Breeder Mash	20.0	22.0	3.0	4.6	7.5	5.2
TruTest Laying Mash	20.0	22.1	2.5	3.2	7.0	4.6
TruTest Laying Mash	20.0	22.5	2.5	3.6	7.0	4.9
TruTest All Purpose Mash	17.5	18.4	3.5	4.6	7.0	5.7
TruTest 32% Dairy Supplement	32.0	36.0	2.0	3.3	7.5	5.7
Star 16% Dairy Feed	16.5	17.7	2.5	2.6	10.0	7.5
Sugar Lassie Dairy Feed	16.0	17.8	2.5	3.4	15.0	7.1
Sugar Lassie Dairy Feed	16.0	17.8	2.5	2.7	15.0	7.3
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY						
Mixed Feed	13.0	13.2	4.0	7.1	8.0	6.3
G. H. PHILLIPS & SONS FEED MILLS, PEKIN, INDIANA						
Sulfaquinoxaline & 3-Nitro-4- Hydroxyphenylarsonic Acid in Phillips H. E. Broiler Mash	20.0	22.3	3.0	3.8	4.0	2.7

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>PILLSBURY MILLS, INC., CLINTON, IOWA</b>						
Pillsbury's Best Furazolidone & Antibiotic Mixture in Chick Starter	23.0	26.3	4.0	5.8	4.0	3.6
Furazolidone Mixture .0011% in Pillsbury Best Chick Starter	20.0	22.8	3.0	4.7	6.0	5.0
Pillsbury's Best 20% Dairy Feed	20.0	21.2	3.0	2.6	9.0	5.9
** Pillsbury's Best 16% Dairy Feed	16.0	17.8	3.0	<u>2.3</u>	9.0	5.4**
Pillsbury's Best 16% Dairy Feed	16.0	19.4	3.0	2.6	9.0	6.2
Pillsbury's Best Horse Breeder Special	11.0	12.6	2.5	3.5	9.0	7.6
Pillsbury's Best 14% Sheep Feed	14.0	17.5	3.0	2.7	8.0	6.0
** Chlorotetracycline (Aureomycin) Penicillin & Arsanilic Acid Mixture in Pillsbury Best Sweet Feast ( A Baby Pig Pre-Starter)	20.0	21.6	3.0	4.7	3.5	<u>4.6**</u>
Pillsbury's Best Sow Ration	18.0	18.2	3.0	4.4	6.0	6.2
Pillsbury Best Pig Feast	18.0	19.2	3.0	5.7	5.5	3.3
<b>PURCELL SEED COMPANY, EVANSVILLE, INDIANA</b>						
Purcell's 18% Poultry Mash with Cod Liver Oil	18.0	18.1	3.0	3.3	5.0	5.2
<b>THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS</b>						
Ful-O-Pep Chick Starter	20.0	20.1	4.0	4.5	6.5	5.9
3-Nitro & Nicarbazin Mixture in Broiler Pre-Starter	20.0	26.7	3.0	3.5	3.0	2.4
Ful-O-Pep Egg Breeder Mash	20.0	20.6	3.5	6.0	8.0	7.0
Ful-O-Pep Utility Egg Mash (for Floor or caged Birds)	20.0	20.4	2.5	5.4	8.0	5.8
Ful-O-Pep Calf Ration	20.0	20.1	3.0	4.2	9.0	8.4
Ful-O-Pep Super Greens	19.0	20.6	4.0	4.8	8.0	7.3
Ful-O-Pep High Sweet Blend (for grass silage preservation and for mixing purposes)	4.5	4.6	1.0	.6	16.5	16.0
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI</b>						
Purina Chick Startena	22.0	23.5	4.5	4.9	5.0	4.6
Purina Chick Startena	22.0	23.9	4.5	5.3	5.0	4.3
Purina Broiler Chow Starter	22.0	25.5	4.5	6.4	5.0	4.2
Purina Poultry Booster Chow	24.0	26.6	2.5	4.1	8.0	5.0
** 3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Purina Broiler Chow Finisher	20.0	20.1	4.5	6.0	3.0	<u>4.3**</u>
Purina Layena (Complete Ration)	15.5	17.1	3.0	4.3	6.0	4.7
Purina Lay Chow	21.0	24.0	3.0	4.3	6.5	5.7
Purina Super Cage Layena (Complete Ration)	17.0	17.9	7.0	8.9	4.5	3.6

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Con't)						
Chek-R-Aid Chlortetracycline (Aureomycin) Mixture	20.0	20.2	4.5	6.0	5.0	3.8
Purina Cow Chow Concentrate	32.0	33.8	1.5	2.1	9.0	6.0
Purina Cow Chow	18.0	19.8	3.0	3.9	10.0	7.5
Purina Milk Chow	16.0	17.7	2.5	3.3	10.0	7.6
Purina Milk Chow	16.0	17.1	2.5	3.7	10.0	7.7
Purina Milk Chow	16.0	16.3	2.5	2.8	10.0	7.4
Purina D & F Chow	12.5	14.9	2.5	2.7	12.0	9.7
.0011% Diethylstilbestrol Mix in Purina Special Steer Fatena	32.0	33.6	2.0	2.3	12.0	8.4
Bulky Las	10.0	11.4	1.5	1.6	15.0	12.3
Purina Bulky Las	10.0	10.9	1.5	2.1	15.0	12.9
** Purina Complete Sow & Pig Chow	16.0	34.6	2.5	3.3	6.0	7.2
Mislabeled Purina Complete Sow & Pig Chow	16.0	19.1	2.5	3.7	6.0	5.3
RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY						
Ra-Mi-Co 20% Egg Mash	20.0	20.5	4.0	5.1	7.0	6.0
0.0011% Diethylstilbestrol in Big Beef Cattle Feed	14.0	15.6	2.5	3.1	10.0	8.5
RMCO Cracked Corn	8.0	8.6	3.5	3.7	3.0	2.0
RIVERSIDE MILLS COMPANY, NASHVILLE, TENNESSEE						
Ward's Laying Mash	20.0	21.3	4.0	4.8	8.0	5.9
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY						
Sun-Ray 20% Egg Mash	20.0	22.5	3.5	4.0	7.0	6.0
** Happy Home 16% Sweet Dairy Feed	16.0	15.9	3.0	2.4	15.0	12.9**
Jersey Mixed Feed	13.0	13.9	4.5	4.6	9.0	5.8
** Jersey Mixed Feed	13.0	14.7	4.5	3.5	9.0	5.9**
ROSS FEED COMPANY, MURRAY, KENTUCKY						
Standard Brand 20% Laying Mash (Open Formula)	20.0	23.5	3.5	3.2	8.0	6.1
Wheat Gray Shorts & Screenings	16.0	17.1	4.0	4.8	6.0	5.4
RUSSELL-MILLER MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
Occident Nitrofurazone Mixture in Occident Chick Starter	20.0	20.6	3.0	3.8	5.0	5.1
Occident Breeder	20.0	20.8	2.5	3.0	7.5	6.1
SALYERSVILLE WHOLESALE, INC., SALYERSVILLE, KENTUCKY						
Quick Lay Mash	20.0	20.9	3.5	4.0	8.0	5.0
SANDUSKY BROTHERS, HARRODSBURG, KENTUCKY						
Mixed Feed	13.0	15.1	3.0	4.1	8.0	7.8

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
J. F. SCHNEIDER & SON, INC., MIDDLESBORO, KENTUCKY						
** Cudjo Brand 50% Protein Tankage	50.0	<u>43.4</u>	10.5	12.4	2.5	2.2**
Very much below guarantee in protein. Misbranded						
THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI						
** Gristo Gray Wheat Shorts with Ground Wheat Screenings	13.5	17.1	3.5	4.1	6.0	4.4**
Contained mixed screenings						
SHIVELY'S FEED & SEED, COLUMBIA, KENTUCKY						
** Shively's Blue Ribbon Laying Mash	20.0	20.6	2.5	4.0	7.0	5.5**
Contained unground wheat chess						
Shively's Blue Ribbon 40% Hog Supplement	40.0	43.3	.5	2.0	7.0	5.4
Shively's Blue Ribbon 16% Dairy	16.0	16.4	2.5	2.8	9.0	6.2
J. ALLEN SMITH & COMPANY, KNOXVILLE, TENNESSEE						
Vawco Stock Feed	13.5	16.0	3.5	4.0	8.5	6.2
THE SOUTHERN COTTON OIL COMPANY, SHEFFIELD, ALABAMA						
Sco-Co 41% Protein Cottonseed Meal	41.0	44.9	4.0	7.1	14.0	8.7
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI						
Staley Four Bells Atoms Brand Pullet Ration	18.0	19.2	2.5	3.6	8.0	6.3
Staley Diethylstilbestrol Mix in Staley Karmels S32 Cattle Concentrate	32.0	34.8	2.5	2.6	12.0	11.0
** Staley Mileage, Dehy. Corn Cob & Molasses Mixture with Minerals	2.0	2.7	.0	.4	21.0	<u>25.8**</u>
Very much above guarantee in fiber.						
Staley's Chick Starter (Meal or Crumbles)	20.0	23.1	2.5	2.9	6.5	3.6
STURGIS MILLING COMPANY, STURGIS, KENTUCKY						
** Neva-Fail 24% Protein Dairy Feed	24.0	<u>22.7</u>	4.0	<u>2.0</u>	12.0	9.8**
** Neva-Fail 16% Sweet Dairy	16.0	<u>13.4</u>	2.5	2.3	15.0	11.2**
Very much below guarantee in protein						
Hoppy's 40% Hog Supplement	40.0	40.2	3.0	5.3	8.0	5.5

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY</b>						
Green Valley 24% Dairy Feed	24.0	24.4	2.5	2.8	10.0	8.9
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>						
Supreme 45% Dairy Concentrate	45.0	48.4	2.0	2.8	9.0	5.6
Premo Brand 24% Dairy Feed	24.0	25.6	2.5	3.2	12.5	10.2
Supreme Special 20% Protein Dairy Feed	20.0	24.2	3.5	3.3	10.0	7.3
Feeders Pride 16% Protein Dairy Feed	16.0	17.3	2.5	3.3	15.0	12.5
Premo Brand 40% Hog Supplement	40.0	40.5	4.0	4.5	8.0	5.1
<b>D. B. SUTHERLAND &amp; SONS, BLOOMFIELD, KENTUCKY</b>						
Kentucky Star 20% Laying Mash	20.0	22.6	3.5	4.4	7.0	5.8
Kentucky Star Special 24% Dairy Feed	24.0	26.4	2.5	2.1	10.0	5.3
Kentucky Star Special 24% Dairy Feed	24.0	24.7	2.5	2.2	10.0	5.3
** Kentucky Star 24% Dairy Feed (with urea)	24.0	<u>22.6</u>	3.0	3.2	10.0	7.6**
** Kentucky Star Special 16% Dairy Feed	16.0	<u>15.0</u>	2.5	2.4	10.0	5.1**
<b>SWEET FEEDS, HOPKINSVILLE, KENTUCKY</b>						
Pratt Thrifty 16% Sweet Dairy Feed	16.0	18.6	3.0	2.7	9.5	6.3
** Pratts Supreme 16% Pig & Sow Feed	16.0	18.3	3.0	5.1	6.0	<u>6.8**</u>
<b>SWIFT &amp; COMPANY, CHICAGO, ILLINOIS</b>						
Sulfaquinoxaline Mixture mixed with Swift's Chick Starter	20.0	20.9	6.0	6.3	6.5	6.2
Swift's Sow Feed	16.0	20.4	3.5	4.8	8.0	6.5
Swift's Digester Tankage	60.0	59.5	5.0	10.5	3.0	1.5
<b>TAYLOR COUNTY IMPLEMENT &amp; FEED COMPANY, CAMPBELLSVILLE, KENTUCKY</b>						
Economy Brand 18% Egg Mash	18.0	20.2	2.5	5.0	7.0	5.9
<b>TELL CITY FLOURING MILLS, TELL CITY, INDIANA</b>						
Kentuck 20% Laying Mash	20.0	21.2	3.5	4.2	8.0	5.9
<b>F. L. THURMOND, MURRAY, KENTUCKY</b>						
Crushed Ear Corn & Shuck	7.0	6.5	3.0	3.6	11.0	6.6
<b>THOMPSON'S FEED &amp; SUPPLY COMPANY, ARLINGTON, KENTUCKY</b>						
** Thompson's Laying Mash	20.0	<u>17.5</u>	2.5	3.7	8.0	3.6**
Very much below guarantee in protein						

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
TILFORD & WALTERS MILL, METROPOLIS, ILLINOIS						
Profit Maker 16% Dairy Feed	16.0	18.7	2.5	2.3	15.0	10.8
9% Protein Horse & Mule Feed	9.0	10.6	3.0	3.7	12.0	7.5
** Masco 28% Pig & Sow Supplement	28.0	30.6	3.0	3.4	6.0	6.8**
Masco 20% Pig & Sow Feed	20.0	21.5	3.0	4.3	6.0	4.9
TRENTON COTTON OIL COMPANY, TRENTON, TENNESSEE						
Trenton Brand 41% Protein Cottonseed Meal	41.0	40.6	4.0	5.4	14.0	14.0
R. C. TUTTLE COMPANY, MATTOON, ILLINOIS						
King Tut's Cattle Quality Solvent 41% Cottonseed Meal	41.0	41.9	.5	.7	14.0	12.5
THE UBIKO MILLING COMPANY, CINCINNATI, OHIO						
Life Guard Broiler Finisher	18.0	20.2	3.0	4.8	6.0	3.2
Life Guard Hi-Proof Broiler Ration	21.0	22.7	3.5	4.9	4.5	3.4
Life Guard 22% Layer	22.0	23.0	3.5	3.7	8.0	5.7
Sunbeam Laying Mash	20.0	20.9	3.0	4.9	8.0	6.6
Rumen Organism Mix 32% Union Grains Life Guard Supplement	32.0	33.5	1.5	1.9	8.5	6.1
Rumen Organism Mix in 40% Life Guard Beef Supplement	40.0	41.4	1.5	2.6	8.0	7.3
Life Guard Pork Maker	14.0	16.4	4.0	4.5	8.0	6.1
VITALITY MILLS, INC., CHICAGO, ILLINOIS						
Velvet 16% Dairy Feed	16.0	17.2	2.5	4.4	9.0	6.2
WALTERS & THOMPSON, SHELBYVILLE, KENTUCKY						
Sheep Feed	16.0	16.4	2.5	4.3	11.0	7.4
WEAVERTON MILLING COMPANY, HENDERSON, KENTUCKY						
17% All Purpose Mash	17.0	21.8	5.0	5.9	5.0	3.4
WEST TENNESSEE SOYA MILL, TIPTONVILLE, TENNESSEE						
44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.6	.5	.6	7.0	6.3
WILLIAMSTOWN ROLLER MILLS, WILLIAMSTOWN, KENTUCKY						
Mixed Feed	13.5	15.9	3.5	4.0	8.0	5.3
** Our Own 16% Protein Pig & Sow Meal	16.0	14.7	4.0	3.6	6.0	3.3**
WINN & TOBIN MILLING COMPANY, MARION, KENTUCKY						
Daisy 20% Protein Laying Mash	20.0	21.3	3.0	4.3	8.0	6.3
Hominy Meal	10.0	11.8	7.0	9.0	8.0	5.9
YUKON MILL & GRAIN CO., YUKON, OKLAHOMA						
Wheat Gray Shorts & Screenings	16.0	17.2	4.5	4.4	6.0	5.8

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