

# Quarterly Report on Official Feed Samples Analyzed

by the

FEED AND FERTILIZER DEPARTMENT  
KENTUCKY AGRICULTURAL EXPERIMENT  
STATION

in January, February, and March, 1957



Kentucky Agricultural Experiment Station  
University of Kentucky  
Lexington

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## ANALYSIS OF MOLLASSES

MANUFACTURER, BRAND AND REMARKS	BRIX
HARRY L. LAWS & COMPANY, NEW ORLEANS, LOUISIANA Blackstrap Molasses	79.2
NATIONAL MOLLASSES COMPANY, CINCINNATI, OHIO Molasses	76.2
Molasses	76.2
NORTH AMERICAN TRADING & IMPORT COMPANY, PHILADELPHIA, PENNSYLVANIA Blackstrap Molasses	78.8
REYNOLDS MOLLASSES COMPANY, NASHVILLE, TENNESSEE Molasses	79.2
THOMAS E. SNYDER & SONS COMPANY, CHICAGO, ILLINOIS Blackstrap Cane Feeding Molasses	76.2

## ANALYSIS OF MEDICATED FEEDS

MANUFACTURER, BRAND AND REMARKS	DRUG	GUARANTEED	FOUND
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY			
3-Nitro-4-and Nicarbazin Mix in Red A High Energy Broiler Ration Crumbles	3-Nitro-4 Nicarbazin	0.005 0.0125	0.00604 0.0126
COOPERATIVE MILLS, INC., CINCINNATI, OHIO			
Nicarbazin and 3-Nitro-4 Mixture in Broiler Maker Finisher	Nicarbazin 3-Nitro-4	0.0125 0.005	0.0107 0.00625
HAYDON MILL & GRAIN COMPANY, SPRINGFIELD, KENTUCKY			
3-Nitro-4 and Nicarbazin Mixture in Magic Broiler Starter	3-Nitro-4 Nicarbazin	0.005 0.0125	0.00604 <u>0.00</u>
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY			
3-Nitro-4 and Nicarbazin Mixture in "Double M" Broiler Finisher	3-Nitro-4	0.005	0.00834
McMILLEN FEED MILLS, FORT WAYNE, INDIANA			
Nicarbazin and 3-Nitro-4 Mix in Master Mix Hi-Calorie Broiler Concentrate	Nicarbazin 3-Nitro-4	0.03125 0.0125	0.0377 0.00904
NATIONAL OATS COMPANY, E. ST. LOUIS, ILLINOIS			
Corno Pig & Hog Wormer	Cadmium Anthranilate	0.044	0.0126
PILLSBURY MILLS, INC., CLINTON, IOWA			
Pillsbury's Best Arsanilic acid mixture in Pillsbury's Best Pig Feast	Arsanilic Acid	0.01	0.0101
RALSTON-PURINA COMPANY, ST. LOUIS, MISSOURI			
Purina 3-Nitro-4 in Purina Chow Finisher	3-Nitro-4	0.005	0.0057

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	15.50
Wayne 42% Dairy Mixing Supplement "S"	14.00	15.10
Wayne 42% Dairy Mixing Supplement "S"	14.00	<u>16.90</u>
Sugarine 16% Dairy	4.00	4.00
Sugarine 16% Dairy	4.00	<u>5.40</u>
<b>ARCADY FARMS MILLING COMPANY, CHICAGO, ILLINOIS</b>		
Arcady 34% Protein Dairy Feed	8.00	8.10
<b>AUBREY FEED MILLS, LOUISVILLE, KENTUCKY</b>		
Red A 24% Dairy Feed	7.86	5.30
Red A 24% Dairy Feed	7.86	6.50
Red A 24% Dairy Feed	7.86	6.80
Red A 20% Dairy Feed	6.55	6.20
Red A 18% Dairy Feed	4.62	2.60
Red A 18% Dairy Feed	4.62	3.90
Red A 18% Dairy Feed	4.62	1.50
Red A 18% Dairy Feed	2.62	3.00
Red A 18% Dairy Feed	5.24	4.00
Red A 18% Dairy Feed	4.62	4.30
Red A 16 1/2% Dairy Feed	2.62	<u>5.40</u>
Red A 16 1/2% Dairy Feed	5.33	1.80
Red A Sheep Feed	3.93	2.40
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>		
Harrison's Nat-Ur-Way 18% Dairy Feed	5.82	6.10
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>		
Big Four 32% Dairy Supplement	7.86	7.20
Hi-Lo 24% Dairy Feed	7.86	<u>10.60</u>
Hi-Lo 24% Dairy Feed	7.86	6.70
O. K. 16% Dairy Feed	2.62	5.00
O. K. 16% Dairy Feed	2.62	2.50
O. K. 16% Dairy Feed	2.62	<u>4.50</u>
<b>BROCK GRAIN COMPANY, MAYSVILLE, KENTUCKY</b>		
14% Dairy Feed (to be used with high protein Legume pasture, hay or ensilage)	1.60	<u>3.70</u>
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>		
Happy Farmer 16% Dairy Feed	3.93	3.80
<b>CADIZ MILLING COMPANY, CADIZ, KENTUCKY</b>		
Sugar Sweet 16% Dairy Feed	5.24	4.30
<b>CLIFTY FALLS MILLS, MADISON, INDIANA</b>		
Clifty Falls 24% Protein Pusher Feed	7.86	<u>9.50</u>
Clifty Falls 24% Protein Pusher Feed	7.86	<u>11.00</u>
Clifty Falls 24% Protein Pusher Feed	7.86	8.80
Clifty Falls 24% Protein Pusher Feed	7.86	<u>10.40</u>
Clifty Falls 24% Protein Pusher Feed	7.86	<u>10.60</u>
Clifty Falls 24% Protein Pusher Feed	7.86	<u>11.90</u>
Clifty Falls 24% Protein Pusher Feed	7.86	<u>9.60</u>
Clifty Falls 20% Pusher Feed	6.55	7.20
Clifty Falls 16% Pusher Feed	5.24	<u>6.90</u>

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
CLINTON MILLING COMPANY, CLINTON, KENTUCKY Climco 16% Dairy Feed	5.24	4.50
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY Our Pride 16% Dairy Feed	5.82	4.70
COOPERATIVE MILLS, INC., CINCINNATI, OHIO		
Pro-Blend "50"	18.50	19.50
Pro-Blend "50"	18.50	20.40
Pro-Blend "50"	18.50	18.70
Pro-Blend "50"	18.50	19.80
Pro-Blend "50"	18.50	25.00
Pro-Blend "50"	18.50	19.10
Pro-Blend "50"	18.50	16.70
Pro-Blend "50"	18.50	15.80
Pro-Blend "50"	18.50	18.20
Pro-Blend "50"	18.50	18.20
0.0022% Diethylstilbestrol Mixture in Pro-Blend "50"	8.00	9.50
Beef Supplement	3.00	3.70
16% Utility Dairy	3.00	1.80
16% Utility Dairy	3.00	3.60
16% Utility Dairy	3.00	3.60
0.0011% Diethylstilbestrol-Mixture in 30% Beef Supplement	8.00	6.30
CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY		
Crescent 41% Dairy Supplement	14.00	14.80
Crescent 16 1/2% Dairy	5.00	5.50
DEARBORN MILLS, AURORA, INDIANA		
Dearborn Sweet 24% Dairy	6.60	6.30
Dearborn Sweet 20% Dairy	6.00	6.00
DOTSON'S FARM SERVICE, EMINENCE, KENTUCKY		
Check-R-Mix Fitting Feed	1.90	2.60
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO		
Tuxedo 44% Dairy Supplement	22.00	19.20
Tuxedo 44% Dairy Supplement	22.00	22.80
Tuxedo 24% Dairy	8.00	7.40
Tuxedo Special 20% Dairy	4.98	5.10
Tuxedo 20% Dairy	8.00	6.70
Tuxedo Special 16% Dairy	3.93	3.90
JOHN W. ESHELMAN & SONS, CIRCLEVILLE, OHIO		
Kentucky Challenge 24% Dairy Feed	8.00	8.40
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE		
Famous 44% Dairy Supplement	20.96	24.80
Famous 44% Dairy Supplement	20.96	16.40
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY		
Feeders Friend 32% Steer Supplement "A"	7.86	6.60
FERNCLIFF FEED & GRAIN COMPANY, LOUISVILLE, KENTUCKY		
Sweet 16% Dairy Feed	4.40	4.40

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
<b>HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY</b>		
Producer 44% Dairy Concentrate	18.34	19.30
Producer 44% Dairy Concentrate	18.34	19.50
Producer 24% Dairy Feed	7.86	2.10
Producer 24% Dairy Feed	7.86	4.30
Producer 20% Dairy Feed	7.86	5.00
Producer 16% Dairy Feed	5.24	1.50
Producer Special 16% Dairy Feed	5.24	4.40
Producer Special 16% Dairy Feed	5.24	2.30
Producer Special 16% Dairy Feed	5.24	3.40
0.0011% Dithylstilbestrol Mix in Producer 32% Cattle Concentrate	7.86	10.10
<b>GARDEN STREET MILL &amp; ELEVATOR, LOUISVILLE, KENTUCKY</b>		
Garden 16% Dairy Feed	5.24	2.20
Garden 16% Dairy Feed	5.24	2.40
<b>GARRARD MILLS, LANCASTER, KENTUCKY</b>		
Garrard 24% Dairy Feed	7.86	6.80
Garrard 24% Dairy Feed	7.86	6.60
Garrard 16% Dairy Feed	5.24	4.90
Garrard 16% Dairy Feed	5.24	3.60
<b>HALES &amp; HUNTER COMPANY, CHICAGO, ILLINOIS</b>		
Pioneer Beef Cattle A	10.50	9.10
<b>G. M. HAYCRAFT &amp; SON, LEITCHFIELD, KENTUCKY</b>		
Haycraft's 20% Dairy Feed	3.20	5.50
Haycraft's 16% Dairy Feed	3.24	4.70
<b>HOME MILLING COMPANY, GREENVILLE, KENTUCKY</b>		
Happy Home 16% Sweet Dairy Feed	5.24	0.50
Happy Home 16% Sweet Dairy Feed	5.24	0.60
Farm-Wa Brand Dairy Feed	5.24	0.40
<b>KNIFLEY FEED &amp; SUPPLY, ELKHORN, KENTUCKY</b>		
Elk Brand 20% Dairy	6.60	6.80
Elk Brand 16% Dairy	5.24	5.30
Elk Brand 16% Dairy Yellow Tag	5.30	5.80
<b>LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY</b>		
Milk Maid 24% Sweet Dairy Feed	5.80	6.20
Milk Maid Sweet 16% Dairy Feed	4.66	2.70
<b>LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY</b>		
Thoroughbred 24% Sweet Dairy Feed	5.24	5.80
Sweet Sue 24% Sweet Dairy Feed	7.87	7.10
<b>LOVELACEVILLE FEED MILL, LOVELACEVILLE, KENTUCKY</b>		
Diz's 16% Dairy Feed	2.77	2.77

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
McMILLEN FEED MILLS, FORT WAYNE, INDIANA		
Master Mix 44% Dairy Supplement	20.96	18.90
Master Mix 44% Dairy Supplement	20.96	18.90
.0011% Diethylstilbestrol Mix in Master Mix 32% Steer Mixer Medicated	11.80	10.80
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS		
Moorman's Mintrate for Dairy Cows	9.00	7.00
NATIONAL OATS COMPANY, E. ST. LOUIS, ILLINOIS		
Cor no 34% Dairy Supplement	8.70	6.00
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY		
Tru Test 24% Dairy Feed	8.00	8.70
Star 16 1/2% Dairy Feed	5.24	6.60
Star 16 1/2% Dairy Feed	5.24	5.60
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY		
Bell Ringer 16% Dairy Feed	3.79	4.50
Green Valley 16% Dairy Feed	4.00	4.10
PATTERSON & GUTHRIE, HARRODSBURG, KENTUCKY		
12% Dairy Feed ( to be fed with high protein legume pasture, hay or ensilage)	0.50	0.70
PILLSBURY MILLS, CLINTON, IOWA		
Pillsbury's Best Dairy Mixer 44	20.00	20.30
Pillsbury's Best Dairy Mixer 44	20.00	20.90
Pillsbury's Best Beef Cattle Concentrate	10.50	10.00
Pillsbury's Best 20% Dairy Feed	6.55	4.70
Pillsbury's Best 16% Dairy Feed	5.25	2.20
QUAKER OATS COMPANY, CHICAGO, ILLINOIS		
Ful-O-Pep 40% Dairy Concentrate (L)	13.10	13.80
Ful-O-Pep Sweet 16% Dairy Feed	4.07	3.40
RALSTON-PURINA COMPANY, ST. LOUIS, MISSOURI		
Purina Cow Chow Concentrate	8.75	8.90
Purina Cow Chow Concentrate	8.75	9.20
Purina 18% Dairy Chow	6.00	5.10
Purina 18% Dairy Chow	6.00	5.20
Purina 18% Dairy Chow	6.00	1.90
RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY		
Ra-Mi-Co 16% Dairy Feed	5.01	2.80
RENFRO SUPPLY COMPANY, WILLIAMSBURG, KENTUCKY		
Renfro 24% Dairy Feed	7.87	4.60
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY		
Green Valley 24% Dairy Feed	8.00	9.30
Happy Home 16% Sweet Dairy Feed	5.24	5.00
RUSSELL GRAIN COMPANY, HILLIARDS, OHIO		
Russell's 262 Brand 24% Dairy Feed	7.87	8.50

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
SHIVELY'S FEED & SEED COMPANY, COLUMBIA, KENTUCKY Shively's Blue Ribbon 16% Dairy	3.50	2.20
SOUTHERN STATES CAMPBELLSVILLE COOPERATIVE, CAMPBELLSVILLE, KENTUCKY 16% Coop Dairy	3.00	4.10
SOUTHERN STATES FRANKFORT COOPERATIVE, FRANKFORT, KENTUCKY 16% Coop Dairy	1.50	<u>3.10</u>
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI Karmels "B"	11.00	7.50
A. E. STALEY MANFACUTRING COMPANY, DECATUR, ILLINOIS Staley's 44% Dairy Concentrate	15.00	14.80
Staley's 30% Beef Concentrate	9.85	<u>11.10</u>
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY Sun-Ray 24% Sweet Dairy Feed	5.80	4.60
Sun-Ray 24% Sweet Dairy Feed	5.80	4.40
SUPREME MILLS, GLASGOW, KENTUCKY Supreme Special 20% Dairy Feed	6.56	7.10
Supreme Special 20% Dairy Feed	6.56	6.90
THOMERSON MILLING COMPANY, GLASGOW, KENTUCKY Thomerson 18% Dairy Feed	5.24	3.00
MARTHA WHITE MILLS, HUNTINGTON, WEST VIRGINIA Fortune 24% Dairy Feed	7.86	6.40

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## Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	-rotein		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	-----	1.0	2.4	8.0	5.4	2.0	----	.7	----	.0008	----	3.7	----
Rechecked for fat and fiber - satisfactory														
Wayne 42% Dairy Mixing Supplement "S"	42.0	45.3	1.0	2.0	8.0	10.4	2.0	2.7	.7	1.3	.0008	----	3.7	3.1**
Very much above guaranty in fiber														
Wayne 42% Dairy Mixing Supplement "S"	42.0	-----	1.0	2.8	8.0	10.9	2.0	----	.7	----	.0008	----	3.7	-----**
Rechecked for fiber only														
Very much above guaranty in fiber														
Wayne 42% Dairy Mixing Supplement "S"	42.0	-----	1.0	2.7	8.0	10.5	2.0	----	.7	----	-----	----	3.7	-----**
Rechecked for fiber														
Very much above guaranty in fiber														
Wayne 42% Dairy Mixing Supplement "S"	42.0	42.9	1.0	2.6	11.0	10.5	2.0	2.2	.7	1.2	.0008	----	3.7	3.0
Rechecked for fiber														
Very much above guaranty in fiber														
Wayne 42% Dairy Mixing Supplement	42.0	44.6	1.0	2.6	11.0	9.2	2.0	2.7	.7	1.2	.0008	----	3.7	3.7**
1.9% excess non-protein nitrogen from urea														
Wayne Brood Sow Supplement	36.0	37.6	1.5	2.3	9.0	6.9	3.5	3.9	1.0	1.4	.0008	----	1.9	2.5
ANDREWS FEED MILL, RUSSELLVILLE, KENTUCKY														
Super 35% Dairy Concentrate	35.0	39.6	2.5	1.3	10.0	7.9	2.0	2.0	1.0	.9	.0002	----	2.5	2.4**
Super 40% Hog Concentrate	40.0	-----	3.0	---	6.0	---	2.0	---	1.0	---	.0002	----	1.5	2.9**
Rechecked for salt only														
Above guaranty														



Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	rotein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
AUBREY FEED MILLS, LOUISVILLE, KENTUCKY														
Red A 44% Dairy Supplement	44.0	48.0	1.5	---	8.0	---	3.0	---	2.0	1.0	.00075	---	2.5	---
Red A 44% Dairy Supplement	44.0	---	1.5	---	8.0	---	2.5	---	1.0	$\frac{.9}{.9}$	.00075	---	2.5	---
Rechecked for phosphorus only														
Satisfactory														
Aubrey's .0011% Diethylstilbestrol														
Mix in Red A Beef Cattle	33.0	----	1.5	---	6.0	---	3.0	3.7	1.3	1.2	.00083	----	2.0	---
Concentrate														
Rechecked for calcium and phosphorus														
Satisfactory														
THE BEARDSTOWN MILLS COMPANY, BEARDSTOWN, ILLINOIS														
** Critic 28% Sow Supplement Pellets	28.0	27.9	3.0	3.7	8.5	7.6	4.0	---	2.2	---	.001	----	1.0	2.3**
Above guaranty in salt														
BUHNER & COMPANY, INC., LOUISVILLE, KENTUCKY														
Happy Farmer 40% Protein Hog Supplement	40.0	43.4	3.0	5.0	7.0	5.1	4.5	4.7	1.0	1.4	.0011	----	2.5	1.5
COOPERATIVE MILLS, CINCINNATI, OHIO														
** 32% Poultry Supplement	32.0	----	4.5	---	7.5	---	5.5	3.6	1.5	---	.001	----	3.2	----
Checked for calcium only														
Very much below guaranty														
32% Poultry Supplement	32.0	----	4.5	---	7.5	---	5.0	3.0	1.5	---	.001	----	3.2	----
Pro-Blend "50"	50.0	50.3	3.0	4.5	6.0	5.2	1.7	$\frac{1.8}{1.8}$	1.2	1.0	----	----	3.5	3.1
Pro-Blend "50"	50.0	51.5	3.0	4.9	6.0	5.6	1.7	1.9	1.2	.9	.0001	----	3.5	2.7
Pro-Blend "50"	50.0	50.1	3.0	3.5	6.0	5.0	1.7	2.2	1.2	1.1	.0001	----	3.5	2.7
Pro-Blend "50"	50.0	50.0	3.0	5.2	6.0	5.2	1.7	2.3	1.2	1.4	.0001	----	3.5	3.3
0.0022% Diethylstilbestrol Mixture incorporated in Pro-Blend "50"	50.0	50.9	3.0	4.2	6.0	5.1	1.7	2.0	1.2	1.1	.0001	----	3.5	2.6
0022% Diethylstilbestrol Mixture for fattening beef cattle) inc. in Pro-Blend "50"	50.0	44.0	3.0	---	6.0	---	1.7	---	1.2	---	.0001	----	3.5	---
Rechecked for protein only														
Very much below guaranty in protein														

## Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	rotein		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 (Con't)														
** Beef Supplement	30.0	31.0	2.0	2.1	11.0	10.6	1.5	1.4	1.0	1.0	.0001	-----	2.5	2.2**
0.5% excess non-protein nitrogen from urea														
40% Pork Maker (For hogs on Pasture)	40.0	42.1	4.0	5.7	5.0	4.6	4.5	4.6	1.5	1.9	.0001	-----	2.2	2.0
40% Pork Maker	40.0	41.7	4.0	5.2	5.0	3.0	4.5	5.0	1.5	2.1	.0001	-----	2.2	2.3
CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY														
** Custom Maid 35% Sow & Pig Supplement	35.0	35.1	3.5	2.2	9.0	8.5	3.5	5.8	1.5	1.8	.001	-----	2.0	2.6**
Below guaranty in fat														
Above guaranty in salt														
** Custom Maid 35% Sow & Pig Supplement	35.0	35.5	3.5	4.9	9.0	8.0	3.5	17.0	1.5	4.7	.001	-----	2.0	2.6**
Above guaranty in salt														
DARLING & COMPANY, CHICAGO, ILLINOIS														
** Darling's Special Steamed Bone Meal	5.0	-----	.5	5.0	3.0	5.8	23.0	---	12.0	---	-----	-----	---	-----
Rechecked for fat and fiber only														
Very much above guaranty in fiber														
DEARBORN MILLS, AURORA, INDIANA														
Dearborn 32% Protein Cattle Supplement A	32.0	33.0	1.0	2.0	6.0	5.5	1.9	1.9	.9	1.3	.0002	-----	2.0	2.0
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO														
** Tuxedo 44% Dairy Supplement	44.0	42.8	2.0	2.6	8.5	7.2	3.0	1.5	.5	1.0	.00036	-----	1.5	1.8**
Below guaranty in protein and calcium														
** Tuxedo 44% Dairy Supplement	44.0	45.4	2.0	2.5	8.5	8.0	3.0	1.9	.5	.5	.00036	-----	1.5	2.0**
Very much below guaranty in calcium														



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, 1957														
THE EARLY & DANIEL COMPANY, CINCINNATI, OHIO (Con't)														
** Tuxedo 44% Dairy Supplement	44.0	44.3	2.0	---	8.5	---	3.0	<u>1.6</u>	.5	---	.00036	---	1.5	---
Rechecked for protein and calcium														
Very much below guaranty in calcium														
Tuxedo 44% Dairy Supplement	44.0	47.0	2.0	---	8.5	---	1.7	1.7	.5	---	.00036	---	1.5	---
Rechecked for protein and calcium														
Satisfactory														
Tuxedo Big Forty (Hog Supplement)	40.0	41.3	2.5	2.2	7.0	6.0	4.0	4.0	1.3	1.2	.00133	---	1.7	1.5
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE														
** Famous 44% Dairy Supplement	44.0	51.4	1.0	1.2	9.0	<u>11.0</u>	3.2	.9	1.0	<u>.8</u>	0008	---	3.4	1.0**
Very much below guaranty in calcium														
2.84% excess non-protein nitrogen from urea														
** Famous 44% Dairy Supplement	44.0	<u>41.1</u>	1.0	1.9	9.0	5.4	3.2	<u>2.0</u>	1.0	<u>.1</u>	.0008	---	3.4	2.3**
Very much below guaranty in protein														
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY														
Producer 44% Dairy Concentrate	44.0	47.4	2.5	3.7	9.0	6.7	2.0	2.5	.6	.9	---	---	2.5	2.3
** Producer 44% Dairy Concentrate	44.0	50.5	2.5	3.7	9.0	7.5	2.0	1.9	.6	.8	---	---	2.5	2.5**
0.16% excess non-protein nitrogen from urea														
GOOD LIFE CHEMICALS, INC., E. ST. LOUIS, ILLINOIS														
Good Life Trace Minerals for Mixed Feeds	---	---	---	---	---	---	14.0	17.9	---	---	.140	.135	---	---
HALES & HUNTER COMPANY, CHICAGO, ILLINOIS														
Pioneer Beef Cattle A	32.0	32.2	3.5	3.4	8.0	7.9	2.0	2.5	1.0	1.1	.006	---	1.5	1.9

## 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
McMILLEN FEED MILLS, FORT WAYNE, INDIANA														
Nicarbazin and 3-Nitro-4-Hydroxy Mix in Master Mix Hi-Calorie Broiler Concentrate	44.0	45.4	4.5	4.9	3.0	1.8	2.5	3.6	1.5	1.6	.0005	----	1.5	1.2
Master Mix Chick Concentrate	36.0	36.9	4.0	4.4	5.5	4.5	3.2	3.9	1.1	1.6	.0002	----	1.8	2.1
Master Mix Chick Concentrate	36.0	39.2	4.0	4.2	5.5	4.7	3.2	3.5	1.1	1.4	.0002	----	1.8	1.3
Master Mix 44% Dairy Supplement	44.0	45.3	1.0	1.4	9.5	6.5	3.2	4.7	1.1	1.3	.0004	----	3.4	2.7
Master Blend Dairy Concentrate	33.0	36.1	.5	2.2	9.0	6.3	3.2	4.6	1.0	1.2	.0002	----	3.0	3.1
.0011% Diethylstilbestrol Mix in Master Mix 32% Steer Mixer Medicated	32.0	34.7	1.5	3.4	13.0	12.3	2.0	2.5	.6	.6	.0002	----	2.0	2.4
Master Mix 35% Hog Concentrate	35.0	36.3	1.5	1.5	9.0	6.7	4.1	4.3	1.0	1.1	.0002	----	1.8	1.7
MAJOR -BURRESEED COMPANY, WILKINSON, INDIANA														
Feeders Choice Mineral Compound	----	----	----	----	----	----	21.0	26.4	4.0	4.1	.006	----	6.0	5.4
MAYFIELD MILLING COMPANY, INC., MAYFIELD, KENTUCKY														
Double "M" all purpose Mineral Mixture	----	----	----	----	----	----	24.0	26.5	1.8	1.7	-----	----	20.0	18.3
MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY														
** State Leader 40% Protein Hog Supplement	40.0	----	4.0	4.4	7.0	----	3.0	----	3.0	2.0	.0004	----	3.0	-----**
Rechecked for fat and phosphorus Below guaranty in phosphorus														
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS														
Moorman's Cobi Curb Mintrate for Starting & Growing Chicks	43.0	43.2	2.5	2.9	4.5	4.3	3.8	5.5	1.6	2.2	.0015	----	2.5	2.0
Moorman's Mintrate for Dairy Cows	42.0	44.1	2.0	1.7	8.5	6.8	3.0	3.0	1.2	1.5	.0015	----	----	----
Moorman's Mintrate for Starting and Growing Pigs	43.0	43.8	2.0	3.5	5.5	4.6	4.5	4.2	1.2	1.8	.002	----	2.5	2.3
Moorman's Minophene (For Sheep)	----	----	----	----	----	----	18.0	19.2	5.0	4.7	.017	----	28.5	26.5



Protein and Mineral Feeds and Mineral Feeds

Quarterly Report on Feed Samples, 1957

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
NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS														
Corno Sow & Pig Supplement	26.0	28.3	2.0	3.0	9.5	7.2	2.5	2.6	1.2	1.3	.0007	----	2.1	1.6
PILLSBURY MILLS, CLINTON, IOWA														
Pillsbury's Best Layer Concentrate	33.0	32.6	2.5	3.7	8.0	6.2	6.0	5.6	1.5	1.6	.0004	----	2.0	1.7
Pillsbury's Best Laying Mash	20.0	22.5	3.0	4.4	7.5	5.9	2.2	2.5	1.0	1.2	.00024	----	1.5	.7
Pillsbury's Best Cage Layeration	16.0	18.7	3.5	3.8	5.5	4.8	2.2	2.5	.9	1.0	.00012	----	.7	.8
Pillsbury's Best Dairy Mixer 44	44.0	46.0	1.0	1.8	8.5	6.0	3.5	3.1	1.5	1.5	.0006	----	3.5	2.1
Pillsbury's Best Dairy Mixer 44	44.0	46.4	1.0	2.3	8.5	6.3	3.5	3.7	1.5	1.6	.0006	----	3.5	2.9
Pillsbury's Best 32% Dairy Concentrate	32.0	35.5	1.5	2.1	8.0	6.8	3.0	3.4	1.0	1.1	.0004	----	2.5	2.3
Pillsbury's Best Beef Cattle Concentrate	32.0	34.7	1.5	2.4	7.5	6.9	2.7	3.3	.7	1.0	.0004	----	2.0	1.7
Pillsbury's Best Super Maxi-Meal Hog Concentrate	32.0	33.6	1.5	4.1	8.0	5.8	3.5	3.4	1.5	1.3	.00048	----	2.5	2.4
Pillsbury's Best 20% Dairy Feed	20.0	20.6	2.5	2.9	9.0	6.4	---	---	---	---	---	----	---	---
Pillsbury's Best 16% Dairy Feed	16.0	17.4	2.5	2.9	9.0	5.8	---	---	---	---	---	----	---	---
PURCELL SEED COMPANY, EVANSVILLE, INDIANA														
Judge 40% Hog Supplement	40.0	40.2	2.5	3.6	7.0	7.1	3.5	5.2	1.5	1.4	.0035	----	1.0	1.4
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS														
** Full-O-Pep 40% Dairy Concentrate (L)	40.0	36.9	1.0	.8	11.0	9.9	1.0	1.6	.7	.7	.0002	----	3.5	4.4**
Very much below guaranty in protein														
Full-O-Pep 40% Dairy Concentrate	40.0	41.9	1.0	---	12.0	---	1.0	---	.7	---	.0002	----	3.5	3.2
Rechecked for protein & salt - satisfactory														
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI														
Purina Chicken Chowder	36.0	37.0	3.5	4.3	8.0	5.7	5.5	5.5	2.0	2.2	.0004	----	3.0	2.5
Purina Cow Chow Concentrate	32.0	33.7	1.5	1.8	10.0	6.0	2.5	3.2	1.0	1.4	.00035	----	2.5	2.2
Purina Cow Chow Concentrate	32.0	34.7	1.5	1.8	10.0	6.7	2.5	3.3	1.0	1.2	.00035	----	2.5	2.4
Purina Hog Chow Supplement	36.0	37.0	2.0	1.9	10.0	7.0	4.0	4.3	1.8	2.6	.0003	----	3.0	2.4
Purina Hog Chow Supplement	36.0	37.5	2.0	2.0	10.0	6.3	1.0	4.2	1.8	2.0	.0003	----	3.0	2.4
Purina Sow & Pig Chow (Supplement)	32.0	34.2	2.0	2.6	9.0	6.9	3.0	3.9	.6	1.7	.003	----	3.0	2.2

## Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	rotein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI														
** Gristo 35% Hog Pellets	35.0	36.6	2.5	1.8	9.0	7.9	4.3	3.5	1.5	1.4	-----	-----	2.5	2.6**
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI														
Atomix 36% Poultry Concentrate	36.0	-----	2.0	---	8.0	---	4.5	4.6	1.7	---	.0004	-----	1.0	---
Rechecked for calcium only														
Satisfactory														
A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS														
Staley's 44% Dairy Concentrate	44.0	45.5	.5	1.5	6.0	5.3	1.8	2.6	.9	1.1	.0003	-----	3.3	3.3
Staley's 35% Hog Concentrate	35.0	37.6	1.0	1.5	7.5	6.1	3.5	4.1	1.0	1.2	.0004	-----	3.0	2.9
SWIFT & COMPANY, CHICAGO, ILLINOIS														
Swift's Pork Builder Kentucky	40.0	40.4	2.5	2.4	8.0	5.9	3.0	2.5	1.0	1.0	.0003	-----	2.0	1.1



## REPORT OF OFFICIAL FEED SAMPLES ANALYZED

January, February, March 1957

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>ALBANY MILLS, ALBANY, KENTUCKY</b>						
Mixed Feed	11.5	12.0	3.0	2.5	5.0	3.7
<b>ALBERS MILLING COMPANY, LOS ANGELES, CALIFORNIA</b>						
Albers Calf Manna	25.0	28.0	3.5	3.7	5.5	5.5
<b>"ALL-IN-ONE" FEEDS, INC., PORTLAND, MICHIGAN</b>						
** "All-In-One Feeding Compound"	42.0	42.1	5.0	6.8	5.0	5.5**
Contained unground Buckhorn seeds						
** "All-In-One Feeding Compound"	42.0	<u>35.2</u>	5.0	5.1	5.0	6.0**
Very much below guaranty in protein						
Contained unground Buckhorn seeds						
"All-In-One Feeding Compound"	42.0	41.5	5.0	5.7	5.0	4.9
<b>ALLIED DISTRIBUTERS, ATLANTA, GEORGIA</b>						
** Jo-Bo Dog & Cat Food	10.0	12.2	2.0	8.1	1.5	.5**
Above guaranty in fat						
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>						
Wayne Egg Producer	20.0	21.1	3.0	3.4	7.0	6.0
** Wayne Medicated H. A. D. (170)	20.0	23.3	5.0	<u>3.4</u>	4.0	3.3**
Sugarine 16% Dairy	16.0	----	2.5	---	11.0	---
Microscopic analysis only - satisfactory						
Sugarine 16% Dairy	16.0	18.7	2.5	4.4	11.0	10.5
** Sugarine 16% Dairy	16.0	18.3	2.5	---	11.0	----**
Contained Flax plant by-product						
** Sugarine 16% Dairy	16.0	20.0	2.5	4.3	11.0	9.3**
0.4% excess non-protein nitrogen from urea						
Wayne Fitting Ration	13.0	16.4	3.0	4.2	8.5	6.9
<b>ANGLO SWEET FEED MILL, OWENSBORO, KENTUCKY</b>						
Ace Perfection Brand 32% Poultry and Turkey Mash Supplement	32.0	----	3.5	---	8.0	6.5
Rechecked for fiber only - satisfactory						
Ace Perfection Brand 20% Protein Poultry Mash	20.0	23.7	2.5	3.8	7.0	4.9
Ace Perfection Brand 16% Protein Dairy						
** Feed	16.0	18.9	2.5	3.4	10.0	<u>10.8**</u>
** Ace Perfection Dog Food	22.0	22.1	6.5	---	2.5	<u>3.1**</u>
Ace Perfection Dog Food	22.0	----	6.5	---	2.5	2.7
Rechecked for fiber only - satisfactory						
<b>ANDREWS FEED MILL, RUSSELLVILLE, KENTUCKY</b>						
Super 18% Laying Ration	18.0	21.7	2.5	4.5	6.0	4.3
<b>ARCADY FARMS MILLING COMPANY, CHICAGO, ILLINOIS</b>						
Arcady 34% Protein Dairy Feed	34.0	36.4	2.5	3.0	9.5	9.6
** Arcady Sweet 16% Dairy Feed	16.0	19.7	4.0	<u>3.4</u>	11.0	11.0**

\*\* 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
ARCHER-DANIELS-MIDLAND COMPANY, MINNEAPOLIS, MINNESOTA						
Archer Quality Brand 44% Protein Solvent Extracted Soybean Oil Meal	44.0	47.2	.5	.7	7.0	6.8
THE C. T. ASHLEY COMPANY, NICHOLASVILLE, KENTUCKY						
** Big A Brand 16% Dairy Feed	16.0	16.8	3.5	<u>2.3</u>	10.0	5.0**
AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY						
3-Nitro-4-Hydroxyphenylarsonic Acid and Nicarbazin Mix in Red "A" High Energy						
Broiler Ration Crumbles	22.0	23.0	3.5	3.8	4.5	3.2
Red "A" Super High Energy Broiler Ration Crumbles	22.5	24.2	4.0	4.7	3.0	2.5
Red "A" Laying Crumbles	20.0	21.9	3.0	4.1	8.0	6.4
Red "A" Laying Crumbles	20.0	22.3	3.0	3.9	8.0	5.9
Red "A" Laying Pellets	20.0	22.4	3.0	4.1	8.0	6.1
Red "A" 24% Protein Dairy Feed	24.0	23.9	3.0	3.3	10.0	6.9
Red "A" 24% Protein Dairy Feed	24.0	25.5	3.0	3.5	10.0	6.6
Red "A" 24% Protein Dairy Feed	24.0	27.3	3.0	4.0	10.0	7.2
Red "A" 20% Protein Dairy Feed	20.0	22.9	3.0	4.5	10.0	7.8
** Red "A" 18% Protein Dairy Feed	18.0	<u>17.3</u>	3.0	3.5	8.0	5.5**
Red "A" 18% Protein Dairy Feed	18.0	19.3	3.0	3.7	8.0	6.2
Red "A" 18% Protein Dairy Feed	18.0	17.5	3.0	---	8.0	---
Checked for protein and urea Satisfactory						
Red "A" 18% Protein Dairy Feed	18.0	----	3.0	---	8.0	---
Checked for urea only - satisfactory						
Red "A" 18% Protein Dairy Feed	18.0	21.3	3.0	4.4	8.0	6.7
Red "A" 18% Protein Dairy Feed	18.0	20.4	3.0	4.3	8.0	7.2
** Red "A" 16 1/2% Dairy Feed	16.5	22.7	3.0	4.3	10.0	6.3**
1.78% excess non-protein nitrogen from urea						
Red "A" 16 1/2% Dairy Feed	16.5	----	3.0	---	10.0	---
Rechecked for urea only - satisfactory						
Red "A" Pig Starter Pellets	18.0	19.6	3.0	4.1	6.0	3.7
** Red "A" 18% Sow and Pig Pellets	18.0	21.6	3.0	3.6	6.0	<u>6.7**</u>
** Red "A" Sheep Feed	16.0	<u>14.4</u>	2.5	2.5	11.0	<u>5.3**</u>
Red "A" Sheep Feed	16.0	17.1	2.5	---	11.0	---
Rechecked for protein only - satisfactory						
** Red "A" Wheat Brown Shorts with Ground Wheat Screenings	15.0	17.9	3.5	6.8	7.0	----**
Contained mixed screenings						
Red "A" Wheat Brown Shorts with Ground Wheat Screenings	15.0	18.4	3.5	4.6	7.0	7.5
THE AUBURN MILLS, INC., AUBURN, KENTUCKY						
** Leader Wheat Gray Shorts with Screenings	15.0	<u>14.0</u>	3.0	3.5	7.5	5.8**
** Leader Mixed Feed	15.0	<u>11.9</u>	3.5	<u>2.9</u>	7.5	3.9**
Very much below guaranty in protein						
** Leader Mixed Feed	15.0	<u>14.2</u>	3.5	3.6	7.5	7.0**
** Leader Mixed Feed	15.0	<u>14.0</u>	3.5	---	7.5	---
Rechecked for protein only - below guaranty						
** Leader Mixed Feed	15.0	15.2	3.5	3.3	7.5	5.9**
Contained mixed screenings						
Leader Hominy Feed	10.0	10.3	6.0	6.8	8.0	5.6

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>AYLOR &amp; MEYER COMPANY, AURORA INDIANA</b>						
Rainbow 16% Protein Dairy Feed	16.0	16.1	3.0	4.2	10.0	7.6
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>						
Harrison's Nat-Ur-Way 18% Dairy Feed	18.0	----	3.5	3.1	10.0	7.5
** Hominy Meal	9.0	<u>7.9</u>	6.0	<u>3.4</u>	8.0	<u>8.6**</u>
Very much below guaranty in fat						
** Hominy Meal	9.0	8.5	6.0	<u>4.0</u>	8.0	7.1**
<b>BALIARD &amp; BALLARD, DIV. OF PILLSBURY MILLS, INC., LOUISVILLE, KENTUCKY</b>						
** Ballard's Wheat Brown Shorts with Ground Wheat Screenings not exceeding mill run	16.0	<u>15.0</u>	3.5	3.6	7.5	5.9**
Ballard's Wheat Brown Shorts with Ground Wheat Screenings not exceeding mill run	16.0	15.9	3.5	---	7.5	---
Rechecked for protein only - satisfactory						
<b>BARDSTOWN MILLS, BARDSTOWN, KENTUCKY</b>						
"Blue Ribbon" 20% Protein Laying Mash	20.0	---	2.5	---	8.0	---
Rechecked for microscopic analysis only Satisfactory						
<b>BARRY-CARTER MILLING COMPANY, LEBANON, TENNESSEE</b>						
Fortune 20% Laying Mash	20.0	21.1	2.5	5.0	7.0	5.9
<b>BARTON DISTILLING COMPANY, BARDSTOWN, KENTUCKY</b>						
Corn Distillers Dried Grains	27.0	27.5	8.0	8.6	9.0	9.2
Corn Distillers Dried Grains	27.0	26.6	8.0	8.5	9.0	8.7
<b>BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY</b>						
** "Banner Brand" 16% Protein Pig & Sow Meal	16.0	19.6	3.5	9.6	6.0	<u>8.6**</u>
Very much above guaranty in fiber						
Banner Mixed Feed	11.0	12.4	3.5	---	11.0	---
Rechecked for protein only - satisfactory						
<b>THE BEARDSTOWN MILLS COMPANY, BEARDSTOWN, ILLINOIS</b>						
** Critic Ruminant Appetizer	2.6	2.8	.2	.3	16.0	18.8**
Very much above guaranty in fiber						
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>						
Big Four 32% Dairy Supplement	32.0	31.9	2.5	2.4	10.0	7.8
Big Four 24% Dairy Feed	24.0	26.1	3.0	3.1	12.0	9.3
** Hi-Lo 24% Dairy Feed	24.0	31.7	2.5	3.9	12.0	9.7**
Contained unground weed seeds 1.74% excess non-protein nitrogen from urea						
** Hi-Lo 24% Dairy Feed	24.0	28.0	2.5	2.2	12.0	11.1**
Contained mixed screenings						
** O. K. 16% Dairy Feed	16.0	22.2	2.5	2.8	15.0	13.7**
Contained unground weed seeds 1.38% excess non-protein nitrogen from urea						
** O. K. 16% Dairy Feed	16.0	----	2.5	---	15.0	<u>16.1**</u>
Rechecked for fiber and Microscopic examination						
Contained more than 8% unground weed seeds Above guaranty in fiber						
** O. K. 16% Dairy Feed	16.0	19.4	2.5	2.0	15.0	12.2**
Contained unground weed 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
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY (Con't)</b>						
** O. K. 16% Dairy Feed	16.0	21.2	2.5	2.8	15.0	15.3**
Contained weed seeds						
0.88% excess non-protein nitrogen from urea						
<b>BREMCO ALFALFA MILLS, NEW BREMEN, OHIO</b>						
Medogreen Alfalfa Meal	17.0	19.0	1.5	4.7	27.0	24.9
<b>BROCK GRAIN COMPANY, MAYSVILLE, KENTUCKY</b>						
** 14% Dairy Feed (To be used with high protein legume pasture, hay or ensilage)	14.0	---	2.5	---	10.0	----**
1.10 excess non-protein nitrogen from urea						
Rechecked for urea only						
<b>BROWDER MILLING COMPANY, INC., FULTON, KENTUCKY</b>						
** Big 16% Dairy Feed	16.0	15.6	3.0	3.9	15.0	11.5**
Contained oat hulls and rice hulls						
Beats All Brand Horse & Mule Feed	10.0	9.7	2.0	3.1	15.0	5.6
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>						
Happy Farmer 16% Dairy Feed	16.0	---	3.0	---	7.0	---
Rechecked for urea only - satisfactory						
<b>BUNDY BROTHERS MILL COMPANY, MEDORA, INDIANA</b>						
** Bundy's 16% Protein Sweet Dairy Feed	16.0	15.5	3.5	<u>2.9</u>	15.0	9.7**
Medora 19% Protein Pig & Sow Feed	19.0	19.2	4.0	<u>3.9</u>	6.0	5.7
<b>BUSH BROTHERS &amp; COMPANY, CLINTON, TENNESSEE</b>						
Tony Dog & Cat Food	11.0	11.8	2.0	2.1	1.5	1.3
<b>CADIZ MILLING COMPANY, CADIZ, KENTUCKY</b>						
** Sugar Sweet Dairy Feed	16.0	15.6	3.0	<u>2.4</u>	10.0	7.1**
Sugar Sweet Dairy Feed	16.0	---	3.0	<u>2.4</u>	10.0	---
Rechecked for fat only - below guaranty						
Sunbeam 40% Hog Supplement	40.0	<u>38.3</u>	3.0	---	8.0	---
Rechecked for protein only - below guaranty						
Sunbeam Crushed Ear Corn	8.0	8.4	3.5	3.1	8.0	7.2
<b>CAMPBELLS FEED MILL, KEVIL, KENTUCKY</b>						
** 41% Cottonseed Meal	41.0	41.9	3.0	<u>2.3</u>	13.0	11.1**
<b>CANEYVILLE ROLLER MILL COMPAN: CANEYVILLE, KENTUCKY</b>						
** Kentucky Farm 20% Protein Layer & Breeder Mash	20.0	<u>19.2</u>	3.0	3.9	7.0	4.9**
<b>CANN BROTHERS, LEITCHFIELD, KENTUCKY</b>						
Cann's Hog Feed (Fattening)	14.0	24.3	2.5	7.8	8.0	4.8
<b>CITY ROLLER MILLS, VEVAY, INDIANA</b>						
Blue Ribbon Special 16% Protein Dairy Feed	16.0	16.7	3.0	3.3	10.0	8.4
<b>CLELL COLEMAN &amp; SONS, BURGIN, KENTUCKY</b>						
Coleman's Pig & Hog Feed	16.5	16.1	4.0	---	6.5	---
Rechecked for protein only - satisfactory						
Coleman's Hog Fattener	14.0	13.7	4.0	4.0	6.5	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>CLELL COLEMAN &amp; SONS, BURGIN, KENTUCKY (Con't)</b>						
** Big Blue Stock Feed	16.5	<u>13.2</u>	4.0	---	6.5	----**
Rechecked for protein						
Very much below guaranty in protein						
Big Blue Stock Feed	16.5	19.5	4.0	---	6.5	---
Rechecked for protein only - satisfactory						
Big Blue Stock Feed	16.5	17.9	4.0	4.0	6.5	5.2
** Wheat Mixed Feed	14.0	13.6	4.0	---	9.0	----**
Rechecked for protein only - satisfactory						
Contained mixed screenings						
Wheat Mixed Feed	14.0	14.3	4.0	---	9.0	---
Rechecked for protein only - satisfactory						
Coleman's Farm Feed	14.0	13.6	4.0	3.7	8.0	4.8
<b>CLIFTY FALLS MILLS, MADISON, INDIANA</b>						
** Clifty Falls 24% Protein Pusher Feed	24.0	26.4	2.5	2.4	10.0	<u>11.1</u> **
0.60 % excess non-protein nitrogen						
from urea						
** Clifty Falls 24% Protein Pusher Feed	24.0	---	2.5	2.4	10.0	10.3**
Rechecked for fiber - satisfactory						
2.14% excess non-protein nitrogen						
from urea						
Clifty Falls 24% Protein Pusher Feed	24.0	26.7	2.5	2.3	10.0	7.9
** Clifty Falls 24% Protein Pusher Feed	24.0	26.1	2.5	2.6	10.0	8.4**
1.54% excess non-protein nitrogen from						
urea						
** Clifty Falls 24% Protein Pusher Feed	24.0	---	2.5	3.0	10.0	9.0**
1.84% excess non-protein nitrogen						
from urea						
** Clifty Falls 24% Protein Pusher Feed	24.0	30.9	2.5	4.0	10.0	9.3**
3.04% excess non-protein nitrogen						
from urea						
** Clifty Falls 24% Protein Pusher Feed	24.0	---	2.5	---	10.0	----**
0.74% excess non-protein nitrogen						
from urea						
** Clifty Falls 20% Protein Pusher Feed	20.0	19.5	2.5	<u>1.7</u>	10.0	8.3**
** Clifty Falls 20% Protein Pusher Feed	20.0	---	2.5	<u>2.6</u>	10.0	<u>12.6</u> **
Rechecked for fiber						
Contains 25% oat mill by-product						
Very much above guaranty in fiber						
** Clifty Falls 16% Protein Pusher Feed	16.0	20.0	2.5	2.5	10.0	<u>10.9</u> **
0.66% excess non-protein nitrogen						
from urea						
Clifty Falls 16% Protein Pusher Feed	16.0	---	2.5	3.8	10.0	9.0
Rechecked for fiber - satisfactory						
** 16% Protein Green Pasture Dairy Feed	16.0	18.0	2.5	2.7	10.0	10.4**
Contained mixed screenings						
16% Protein Green Pasture Dairy Feed	16.0	17.5	2.5	2.2	10.0	9.2
16% Protein Green Pasture Dairy Feed	16.0	----	2.5	---	10.0	---
Microscopic analysis only						
Contains excess cobs						
** Hominy Feed	10.0	9.6	5.0	<u>3.5</u>	6.0	2.3**
<b>CLIMAX ROLLER MILLS, SHELBYVILLE, KENTUCKY</b>						
** Climax Farm Feed	13.0	12.6	3.0	<u>2.3</u>	5.0	2.9**

\*\*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
CLINTON MILLING COMPANY, INC., CLINTON, KENTUCKY						
Climco 16% Dairy Feed	16.0	18.8	2.5	2.7	10.0	6.8
COAST FISHERIES, DIV. OF THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS						
** Puss'n Boots Cat Food	12.0	11.4	2.0	2.5	1.0	.8**
Puss'n Boots Cat Food	12.0	13.0	2.0	---	1.0	---
Checked for protein and moisture only						
Satisfactory						
Puss'n Boots Cat Food	12.0	12.1	2.0	---	1.0	---
Rechecked for protein and moisture only						
Satisfactory						
** Puss'n Boots Cat Food	12.0	11.1	2.0	---	1.0	---**
Rechecked for protein and moisture only						
Below guaranty in protein						
H. C. COLE MILLING COMPANY, CHESTER, ILLINOIS						
Omega Wheat Gray Shorts and Screenings	15.0	---	4.0	---	6.0	5.5
Rechecked for fiber - satisfactory						
COLLIER BROTHERS FEED MILL, HICKORY, KENTUCKY						
16% Sweet Dairy Feed	16.0	16.2	2.5	3.2	15.0	8.1
COMMANDER-LARABEE MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
Sunfed Winter Wheat Gray Shorts and Screenings	16.0	17.5	3.5	4.1	6.0	5.9
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY						
Our Pride 16% Dairy Feed	16.0	17.8	2.5	2.0	10.0	10.3
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
Nicarbazin 0.0125% 3-Nitro-4-Hydroxy-phenylarsonic acid in Broiler Maker	22.0	23.5	4.5	4.6	4.5	4.4
0.0125% Nicarbazin, 3-Nitro-4-Hydroxy-phenylarsonic acid Mixture incorporated in Broiler Maker Finisher	19.0	20.7	4.5	4.4	4.5	3.5
Egg Producer	20.0	20.3	3.5	6.2	6.5	3.5
Egg Producer	20.0	20.7	3.5	4.7	6.5	3.5
Pro-Blend "50"	50.0	50.4	3.0	3.7	6.0	5.5
** Pro-Blend "50"	50.0	----	3.0	---	6.0	----**
Rechecked for urea only						
0.90% excess non-protein nitrogen from urea						
Pro-Blend "50"	50.0	----	3.0	---	6.0	---
Checked for urea only - satisfactory						
** Pro-Blend "50"	50.0	---	3.0	---	6.0	----**
Rechecked for urea only						
0.030% excess non-protein nitrogen from urea						
** Pro-Blend "50"	50.0	----	3.0	---	6.0	----**
Rechecked for urea only						
5.5% excess non-protein nitrogen from urea						
32% Dairy Supplement	32.0	33.0	2.5	---	11.0	---
32% Milk Maker	32.0	34.2	2.5	2.3	10.0	8.0
16% Milk Maker	16.0	17.5	3.0	3.8	10.0	8.4
16% Milk Maker	16.0	19.5	3.0	3.9	10.0	6.7

\*\*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>COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Con't)</b>						
16% Utility Dairy	16.0	18.3	3.0	2.9	15.0	12.4
16% Utility Dairy	16.0	17.1	3.0	---	15.0	---
16% Utility Dairy	16.0	----	3.0	---	15.0	---
Rechecked for urea only - Satisfactory						
16% Dari-Flo	16.0	17.4	3.0	3.4	10.0	7.0
** .0011% Diethylstilbestrol Mixture (for fattening Beef Cattle only) incorporated in 30% Beef Supplement	30.0	----	2.0	---	11.0	----**
Checked for urea only - satisfactory						
Beef Supplement	----	----	---	---	11.0	10.9
Checked for fiber only - satisfactory						
Calf Developer C	18.0	----	4.0	3.7	8.0	---
Rechecked for fat only - satisfactory						
Calf Developer	18.0	----	4.0	3.6	8.0	---
Rechecked for fat only - satisfactory						
** Sweet Stock Feed C	11.0	11.9	3.0	<u>2.2</u>	7.0	4.5**
Sweet Stock Feed C	11.0	----	3.0	3.1	7.0	4.5
Rechecked for fat only - satisfactory						
Sweet Stock Feed	11.0	13.2	3.0	3.3	7.0	5.2
Cooperative Sweet Mix	5.0	7.0	1.0	1.1	11.0	8.2
** Co-Op Sweet Mix	5.0	6.4	1.0	1.0	11.0	<u>11.6**</u>
Wheat Red Dog	16.0	16.4	3.5	4.0	4.0	4.0
<b>CRESCENT ROLLER MILLS COMPANY, TAYLORSVILLE, KENTUCKY</b>						
** Crescent 41% Protein Dairy	41.0	43.1	3.0	<u>2.4</u>	8.0	5.9**
Crescent 16 1/2% Dairy	16.5	18.6	3.0	3.7	10.0	6.9
Crescent Stock Feed	14.0	14.2	3.0	4.8	6.0	5.5
<b>CRITTENDEN MILLING COMPANY, MARION, KENTUCKY</b>						
15% Protein All Mash Poultry Ration	15.0	15.9	3.0	3.6	6.0	6.4
<b>DARLING &amp; COMPANY, CHICAGO, ILLINOIS</b>						
** Darling's Special Steamed Bone Meal	5.0	16.7	.5	---	3.0	<u>5.1**</u>
Rechecked for protein and fiber						
Very much above guaranty in fiber						
<b>DEARBORN MILLS, AURORA, INDIANA</b>						
Success Brand 20% Laying Mash	20.0	21.2	3.0	5.7	8.0	7.1
Dearborn Sweet 24% Dairy	24.0	25.9	2.5	3.2	12.5	10.2
Dearborn Sweet 20% Dairy	20.0	23.3	2.5	3.0	12.5	11.0
Dearborn 16% Dairy	16.0	18.6	2.5	3.4	9.5	9.8
<b>DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS</b>						
Dixie Powergrain Horse Feed	10.0	10.3	3.0	3.6	10.0	6.9
<b>DOTSON'S FARM SERVICE, EMINENCE, KENTUCKY</b>						
Check-R-Mix Fitting Feed	12.0	16.0	2.5	2.6	10.0	6.7
<b>DOYLE PACKING COMPANY, CHICAGO, ILLINOIS</b>						
** Strongheart Dog Food	10.0	<u>9.1</u>	2.0	3.1	1.0	1.0**
Below guaranty in protein						
** Strongheart Dog Food	10.0	<u>9.4</u>	2.0	---	1.0	----**
Rechecked for protein only - Below guaranty						
Strongheart Dog Food	8.0	9.0	2.0	---	1.5	---

\*\*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>DYERSBURG OIL MILL COMPANY, DYERSBURG, TENNESSEE</b>						
Star Brand 41% Protein Cottonseed Meal	41.0	41.0	3.0	3.8	14.0	12.4
<b>THE EARLY &amp; DANIEL COMPANY, CINCINNATI, OHIO</b>						
Bitty Bits Tuxedo Starter, Grower, and Developer Mash	17.0	18.0	3.0	4.7	7.0	6.2
Tuxedo Complete Egg Ration Pellets	16.0	17.2	3.0	5.9	7.0	6.6
Tuxedo Special Eggmash	20.0	21.3	3.0	3.4	8.0	6.8
Tuxedo Special Eggmash (Pellets)	20.0	19.6	3.0	3.8	8.0	6.8
Tuxedo 24% Dairy	24.0	25.3	2.5	---	10.0	---
Rechecked for protein - satisfactory						
Tuxedo 24% Dairy	24.0	24.3	2.5	3.5	10.0	8.0
Tuxedo Special 20% Dairy	20.0	21.4	2.5	2.8	12.0	10.3
Tuxedo 20% Dairy	20.0	22.4	2.5	3.4	9.5	8.1
Tuxedo Special 16% Dairy	16.0	17.2	2.5	2.7	15.0	12.0
Tux Sweet Rolls	9.0	8.6	1.5	1.1	10.0	6.7
Tuxedo Porkmaker	14.0	14.6	3.0	4.7	8.0	7.4
<b>ESHELMAN GRAIN, INC., COLUMBUS, OHIO</b>						
Life Guard All-Mash Laying Ration	16.0	17.8	3.5	4.6	7.0	5.6
<b>JOHN W. ESHELMAN &amp; SONS, LANCASTER, PENNSYLVANIA</b>						
Red Rose 24% Dairy Feed	24.0	29.8	2.5	2.5	9.5	7.5
<b>JOHN W. ESHELMAN &amp; SONS, CIRCLEVILLE, OHIO</b>						
Kentucky Challenge 24% Protein Dairy Feed	24.0	27.4	2.5	2.4	15.0	12.6
<b>F &amp; M FOODS, LAGRANGE, KENTUCKY</b>						
** Cliff's Horse Meat	16.0	<u>14.3</u>	3.0	4.8	.3	.5**
Very much below guaranty in protein						
<b>FABRO, INC., ATLANTA, GEORGIA</b>						
** Henny Pen Dog Food	12.0	<u>9.6</u>	2.0	---	1.5	---**
Very much below guaranty in protein						
<b>FAMOUS FEED MILLS, NASHVILLE, TENNESSEE</b>						
Famous Egg Layer	20.0	22.5	2.5	4.2	8.0	6.4
Famous 33% Protein Dairy Concentrate	33.0	----	1.0	1.4	9.0	9.3
Rechecked for microscopic examination						
Satisfactory						
Famous Brand 40% Hog Supplement	40.0	43.5	2.0	3.9	7.0	4.7
<b>FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY</b>						
Nicarbazin & Arsanilic Acid Mixture in Feeders Friend 23% H. E. Broiler Ration	23.0	24.6	3.5	5.7	3.0	2.8
Feeders Friend 32% Steer Supplement "A"	32.0	35.7	2.0	2.7	10.0	6.5
Feeders Friend 40% Hog Supplement	40.0	39.5	2.5	4.4	8.0	5.4
<b>FARMERS FEED STORE, CENTRAL CITY, KENTUCKY</b>						
Veribest Brand 18% Pig & Sow Feed	18.0	17.6	3.0	---	6.0	---
Rechecked for protein only - satisfactory						
Veribest Brand 14% Hog Ration	14.0	14.3	3.0	3.8	7.0	4.0
<b>FARMERS &amp; MERCHANTS MILLING COMPANY, BROOKSVILLE, KENTUCKY</b>						
F & M 16% Dairy Feed	16.0	18.1	3.0	4.4	10.0	7.9

\*\*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>FARMERS MILLING COMPANY, SOMERSET, KENTUCKY</b>						
** Laymore Egg Mash	20.0	<u>18.2</u>	2.5	3.1	8.0	5.4**
Laymore Egg Mash	20.0	<u>21.2</u>	2.5	---	8.0	---
Rechecked for protein only - satisfactory						
Farmers Scratch Feed	8.0	----	3.0	---	3.0	---
Microscopic check only						
Contained some moldy corn						
** Farmers 16% Mixed Feed	16.0	<u>15.1</u>	3.0	5.1	10.0	7.1**
Farmers 16% Mixed Feed	16.0	<u>16.4</u>	3.0	4.0	10.0	7.3
** Farmers Hog Feed	14.0	<u>12.7</u>	4.0	5.4	8.0	8.3**
Contained mixed screenings						
Spotlight Hog Feed	16.0	<u>15.4</u>	4.0	---	8.0	---
Rechecked for protein only - below guaranty						
Spotlight Hog Feed	16.0	<u>16.3</u>	4.0	---	8.0	---
Rechecked for protein only - satisfactory						
<b>THE FAUBUSH MILLING COMPANY, FAUBUSH, KENTUCKY</b>						
** Faubush Mixed Feed	16.0	<u>15.2</u>	2.5	5.4	10.0	6.7**
<b>FERNCLIFF FEED &amp; GRAIN COMPANY, LOUISVILLE, KENTUCKY</b>						
Sweet 16% Dairy Feed	16.0	<u>18.4</u>	2.5	4.2	15.0	6.9
Cracker Jack Brand 40% Pig & Hog Supplement	40.0	<u>42.2</u>	2.0	2.0	8.0	6.3
<b>FINCH PACKING, VINCENNES, INDIANA</b>						
** Tasso Brand Dog Food	15.0	<u>13.9</u>	8.0	10.9	1.0	.4**
Below guaranty in protein						
<b>FLAMBEAU MILLING COMPANY, PHILLIPS, WISCONSIN</b>						
** Flambo Pulverized White Oats with other grains and mixed screenings	10.0	<u>12.5</u>	4.5	4.9	15.0	14.3**
Largely mixed screenings (ground weed seeds, hulls, stems, sand, dirt with a small amount of oats)						
<b>FLEISCHMANN DISTILLING COMPANY, OWENSBORO, KENTUCKY</b>						
Corn Distillers Dried Grains	25.0	<u>27.4</u>	5.0	8.1	16.0	14.0
<b>FOLSOMDALE MILLING COMPANY, BOAZ, KENTUCKY</b>						
Check-R- Mix Growing Feed (All Mash) S. B.	17.0	<u>17.5</u>	3.0	4.5	7.0	4.6
Check-R-Mix 20% Laying Mash HB	20.0	<u>22.4</u>	2.5	4.3	7.5	3.8
Check-R-Mix Sow & Pig Feed BN	16.0	<u>15.6</u>	2.5	3.5	6.0	4.3
Check-R-Mix Hog Feed B	14.0	<u>15.7</u>	2.5	3.6	8.0	4.9
<b>FOOD PRODUCTS OF AMERICA, CHICAGO, ILLINOIS</b>						
Dog House Dog & Cat Food	10.0	<u>10.4</u>	2.0	2.1	1.5	1.6
<b>HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY</b>						
Producer 36% Mash Concentrate	36.0	<u>36.5</u>	2.5	4.8	9.0	7.8
Producer 20% Egg Mash	20.0	<u>21.0</u>	3.0	4.5	7.0	6.5
** Producer 24% Dairy Feed	24.0	<u>23.4</u>	3.0	4.1	9.0	7.0**
Producer 24% Dairy Feed	24.0	<u>24.6</u>	3.0	3.4	9.0	6.3
Producer 20% Dairy Feed	20.0	<u>22.6</u>	3.0	4.1	9.0	6.8
Producer 16% Dairy Feed	16.0	<u>18.4</u>	2.5	4.4	9.0	6.6
Producer Special 16% Dairy Feed	16.0	<u>18.1</u>	2.5	2.9	14.0	13.0
Producer Special 16% Dairy Feed	16.0	<u>16.1</u>	2.5	3.6	14.0	11.2

\*\*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
<b>HENRY FRUECHTENICHT COMPANY, INC., LOUISVILLE, KENTUCKY (Con't)</b>						
Producer Special 16% Dairy Feed	16.0	----	2.5	---	14.0	---
Microscopic examination only - satisfactory						
Producer Special 16% Dairy Feed	16.0	----	2.5	---	14.0	---
Microscopic examination only - satisfactory						
Producer Special 16% Dairy Feed	16.0	19.1	2.5	3.4	14.0	13.5
** 0.0011% Diethylstilbestrol Mix incorporated in Producer 32% Cattle Concentrate	32.0	----	2.0	---	9.0	----**
Rechecked for urea						
1.24% excess non-protein nitrogen from urea						
Producer 40% Pig & Hog Supplement	40.0	43.8	2.5	3.5	8.0	6.8
Producer 40% Pig & Hog Supplement	40.0	40.0	2.5	4.0	8.0	6.7
Producer 18% Pig and Sow Feed	18.0	21.4	3.5	6.8	6.0	5.7
Producer Horse & Mule Feed	9.0	9.7	3.5	3.4	6.0	4.6
Producer Horse & Mule Feed	9.0	9.0	3.5	3.3	6.0	4.5
Producer Sheep Feed	14.0	19.6	2.5	4.1	7.0	6.9
Wheat Brown Shorts and Screenings	16.0	15.8	3.5	4.0	7.5	7.0
<b>FUHRER-FORD MILLING COMPANY, MT. VERNON, INDIANA</b>						
Wheat Gray Shorts and Screenings	16.0	16.2	4.0	4.6	6.0	5.9
<b>GARDEN STREET MILL &amp; ELEVATOR, LOUISVILLE, KENTUCKY</b>						
** Garden 16% Protein Dairy Feed	16.0	19.4	3.0	2.4	15.0	9.0**
Garden 16% Protein Dairy Feed	16.0	22.3	3.0	3.5	15.0	8.6
<b>GARRARD MILLS, LANCASTER, KENTUCKY</b>						
** Garrard 24% Dairy Feed	24.0	23.7	2.5	1.8	10.0	8.9**
** Garrard 24% Dairy Feed	24.0	23.0	2.5	1.8	10.0	7.7**
Garrard 16% Dairy Feed	16.0	20.0	2.5	2.4	10.0	7.7
Garrard 16% Dairy Feed	16.0	15.6	2.5	2.9	10.0	7.3
<b>GENERAL FOODS CORPORATION, KANKAKEE, ILLINOIS</b>						
Gaines Homogenized Dog Meal	25.0	25.1	6.0	6.0	5.0	4.3
New Gaines Dog Food Ration AA	10.5	12.4	2.5	2.8	1.0	.7
<b>GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA</b>						
Larro Surepork Complete	15.0	16.8	3.0	4.1	6.0	5.8
Chief Hy-Protein Oat Feed	11.0	11.2	3.5	4.5	20.0	16.2
<b>GENERAL PACKING COMPANY, CINCINNATI, OHIO</b>						
Vigor Dog Food	10.0	10.6	2.0	2.2	1.5	1.0
<b>GERMANTOWN MILLING COMPANY, GERMANTOWN, KENTUCKY</b>						
Mixed Feed	15.0	15.3	4.0	3.7	6.0	5.9
<b>THE GLIDDEN COMPANY, CHICAGO, ILLINOIS</b>						
Glidden 44% Protein Solvent Extracted Soybean Oil Meal	44.0	44.1	.5	1.2	7.0	6.2
<b>GOLDENROD OIL MEAL SALES COMPANY, MEMPHIS, TENNESSEE</b>						
** Golden Rod Brand 41% Protein Cottonseed Meal	41.0	<u>38.5</u>	3.0	3.0	14.0	13.2**
Very much below guaranty in protein						
<b>GRO-MO, INC., RUSSELLVILLE, KENTUCKY</b>						
Gro-Mo Dog Food	10.0	11.5	2.5	6.9	2.0	.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>GWINN BROTHERS &amp; COMPANY, HUNTINGTON, WEST VIRGINIA</b>						
Grade A 24% Dairy	24.0	----	3.0	3.1	10.0	---
Rechecked for fat only - satisfactory						
Porkmaker	15.0	16.4	3.0	4.0	8.0	5.7
<b>HALES &amp; HUNTER COMPANY, CHICAGO, ILLINOIS</b>						
** Red Comb Turkey Breeder	21.0	19.0	3.0	4.8	7.0	5.6**
Red Comb All Mash Layer	17.0	18.3	3.5	5.7	5.5	5.9
Pioneer Dairy Production 18	18.0	18.0	3.0	2.7	8.0	6.5
Pioneer Dairy Production 18	18.0	18.6	3.0	3.0	8.0	7.0
Pioneer Dry & Freshener	12.0	12.7	2.5	3.3	8.0	7.0
Pioneer Hog Balancer	36.0	36.4	3.0	2.9	7.0	6.8
<b>HARDY BROTHERS MILL, WALTON, KENTUCKY</b>						
Master Sow & Pig Feed	18.0	19.7	3.0	3.6	6.0	4.7
22% Hi-Calorie Egg Mash	22.0	23.9	4.5	5.1	3.5	2.6
<b>G. M. HAYCRAFT &amp; SON, LEITCHFIELD, KENTUCKY</b>						
Nitrophenide Mixture inc. in Haycraft's 20% Protein Chick Starter	20.0	21.0	3.0	4.1	6.0	4.8
** Haycraft's 20% Protein Dairy Feed	20.0	----	3.0	---	9.0	---**
Rechecked for urea only 1.30% excess non-protein nitrogen from urea						
** Haycraft's 16% Protein Dairy Feed	16.0	----	2.5	---	10.0	---**
Rechecked for urea only 0.50% excess non-protein nitrogen from urea						
<b>HAYDON MILL &amp; GRAIN COMPANY, SPRINGFIELD, KENTUCKY</b>						
** 3-Nitro-4-Hydroxy and Nicarbazine Mixture incorporated in Magic Brand Broiler Starter	23.0	22.7	4.0	4.7	2.6	2.3**
Nicarbazine not found						
** 3-Nitro-4-Hydroxy and Nicarbazine Mixture incorporated in Magic Broiler Finisher	19.5	18.1	4.0	4.6	2.6	2.5**
Magic Brand 4-2-2 16% Sweet Dairy Feed	16.0	----	2.5	---	10.0	---
Rechecked for microscopic analysis only Satisfactory						
<b>DR. HEINZ COMPANY, INC., WASHINGTON COURTHOUSE, OHIO</b>						
Heinz Nu-Way All Mash Laying Ration	18.0	21.5	3.0	4.2	6.5	5.3
<b>HENDERSON FEED &amp; COMMISSION COMPANY, HENDERSON, KENTUCKY</b>						
Cracked Corn	8.0	----	3.0	---	2.5	---
Rechecked for microscopic examination Satisfactory						
<b>BURCH HESTER FEED STORE, HUSTONVILLE, KENTUCKY</b>						
Big Chief 20% Egg Mash	20.0	19.6	2.5	3.3	6.5	4.9
<b>HOME MILLING COMPANY, GREENVILLE, KENTUCKY</b>						
** Champion 20% Layer Mash	20.0	19.3	3.0	4.5	7.5	6.1**
Champion Brand Hen Scratch	8.0	8.0	2.0	2.7	7.0	2.1
** Happy Home 24% Dairy Feed	24.0	22.8	4.0	2.0	8.0	---**
Rechecked for protein and fat Contained unground weed 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
HOME MILLING COMPANY, INC., GREENVILLE, KENTUCKY (Con't)						
** Happy Home 16% Sweet Dairy Feed	16.0	15.6	2.5	2.5	15.0	12.4**
Contained unground weed seeds						
Happy Home 16% Sweet Dairy Feed	16.0	----	2.5	---	15.0	---
Microscopic check only - satisfactory						
** Happy Home 16% Sweet Dairy Feed	16.0	16.0	2.5	<u>1.9</u>	15.0	13.7**
** Farm-Wa Bran Dairy Feed	16.0	16.6	4.0	<u>2.8</u>	12.0	11.1**
Champion 17% Protein Pig & Sow Meal	17.0	----	4.0	---	6.0	<u>9.3</u>
Rechecked for fiber and microscopic analysis						
Very much above guaranty in fiber						
Champion Brand Mixed Feed	11.5	14.6	3.3	3.5	5.9	4.9
HORSE CAVE MILLS, HORSE CAVE, KENTUCKY						
** Superior Brand Mixed Feed	12.0	11.6	3.0	2.7	8.5	3.5**
Contained mixed screenings						
IGLEHEART BROTHERS, DIV. OF GENERAL FOODS CORPORATION, EVANSVILLE, INDIANA						
Winter Wheat Shorts with Ground Wheat Screenings	15.0	15.0	3.5	4.0	7.0	6.3
(Low Protein) Wheat Gray Shorts with Ground Wheat Screenings	14.0	16.2	3.5	4.2	6.0	5.5
Wheat Mixed Feed with Ground Wheat Screenings	14.0	15.9	3.5	4.2	9.5	6.9
J. F. IMBS MILLING COMPANY, ST. LOUIS, MISSOURI						
** Charm Winter Wheat Bran	14.5	15.7	3.7	<u>3.2</u>	10.0	<u>10.7**</u>
JACKSON COTTON OIL MILL, JACKSON, TENNESSEE						
** Bell Cow Brand 41% Protein Cottonseed Meal Prime Quality	41.0	<u>39.5</u>	5.0	6.3	13.0	12.7**
Bell Cow Brand 41% Protein Cottonseed Meal Prime Quality	41.0	41.2	5.0	5.2	13.0	13.1
KECO MILLING COMPANY, MCKENZIE, TENNESSEE						
Keco Laying Mash	18.0	21.4	3.0	4.8	8.0	6.0
Keco 16% Milking Feed	16.0	16.9	2.5	3.9	11.0	8.5
Keco 20% Pig & Sow	20.0	20.0	3.5	4.5	8.0	7.4
Keco Hog Fat-Ner	16.0	19.8	3.5	6.1	8.0	4.1
KENTUCKY ANIMAL BY-PRODUCTS COMPANY, RUSSELLVILLE, KENTUCKY						
** Blue Ribbon Brand 60% Tankage & Bone Meal	60.0	<u>57.2</u>	10.0	12.7	3.0	2.6**
Very much below guaranty in protein						
Contained poultry feather meal						
** Blue Ribbon Brand 50% Tankage & Bone Meal	50.0	51.8	10.0	16.3	3.0	2.8**
Contained poultry feather meal						
Blue Ribbon Brand 50% Tankage & Bone Meal	50.0	57.1	10.0	16.7	3.0	2.2
Blue Ribbon Brand 60% Protein Tankage & Poultry By-Product Meal	60.0	62.1	8.0	14.6	3.0	2.4
KENTUCKY BY-PRODUCTS CORPORATION, LOUISVILLE, KENTUCKY						
Dri-Molass	10.0	----	.8	---	8.0	---
Rechecked for sugar only						
Below guaranty in sugar						
KIMBELL FOOD PRODUCTS COMPANY, FORT WORTH, TEXAS						
** Kim Dog Food	6.0	6.7	1.0	<u>.2</u>	1.0	1.0**

\*\*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
<b>KNIFLEY FEED &amp; SUPPLY COMPANY, ELKHORN, KENTUCKY</b>						
Elk Brand 20% Dairy	20.0	21.9	2.5	3.0	9.0	6.4
Elk Brand 16% Dairy	16.0	18.6	3.0	3.9	10.0	6.9
Elk Brand 16% Dairy Yellow Tag	16.0	20.1	2.5	2.9	15.0	8.4
Elk Brand 40% Hog Supplement	40.0	41.7	3.5	6.1	6.5	6.2
<b>LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY</b>						
Milk Maid 24% Sweet Dairy Feed	24.0	26.4	2.5	2.5	10.0	6.8
** Milk Maid Sweet 16% Dairy Feed	16.0	<u>14.5</u>	2.5	2.7	10.0	10.3**
<b>LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY</b>						
Thoroughbred 20% Protein Layer Mash	20.0	21.9	4.0	5.6	8.0	5.8
** Capitol Scratch Feed	8.0	9.8	2.5	3.0	4.5	3.3**
Contained unground weed seeds						
Capitol Scratch Feed	8.0	----	2.5	---	4.5	---
Microscopic examination only						
Satisfactory						
Thoroughbred 24% Protein Sweet Dairy Feed	24.0	----	2.5	2.4	8.0	---
Rechecked for fat only - satisfactory						
Thoroughbred 24% Protein Sweet Dairy Feed	24.0	30.3	2.5	2.1	8.0	7.2
** Sweet Sue 24% Protein Sweet Dairy Feed	24.0	26.3	2.5	1.6	13.0	10.8**
Sweet Sue 24% Protein Sweet Dairy Feed	24.0	----	2.5	<u>2.5</u>	13.0	---
Rechecked for fat only - satisfactory						
Sweet Sue 16% Protein Sweet Dairy Feed	16.0	----	2.5	2.2	15.0	13.9
Rechecked for microscopic and fiber only						
Satisfactory						
Thoroughbred Wheat Brown Shorts	15.0	16.0	4.0	4.6	7.5	7.5
<b>LOFTON'S MILL, PROVIDENCE, KENTUCKY</b>						
** Lofton's Veri-best 20% Laying Mash	20.0	<u>17.8</u>	3.0	3.2	7.0	3.5**
Very much below guaranty in protein						
<b>LOVELACEVILLE FEED MILL, LOVELACEVILLE, KENTUCKY</b>						
Diz's 16% Protein Dairy Feed	16.0	17.7	2.5	2.9	10.0	7.7
<b>LOWE'S FEED AND HATCHERY, BOWLING GREEN, KENTUCKY</b>						
Lowe's 20% Egg Mash	20.0	20.5	2.5	4.2	7.0	4.6
Milk-Flow	16.0	16.3	3.0	3.1	9.0	8.5
<b>LYNN GROVE MILLING COMPANY, LYNN GROVE, KENTUCKY</b>						
Wheat Brand and shorts	14.0	15.5	3.5	3.6	8.0	7.7
<b>McMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>						
Master Mix Egg Concentrate	42.0	----	6.0	6.7	4.0	---
Rechecked for fat only - satisfactory						
Master Mix Egg Concentrate	42.0	----	6.0	6.3	4.0	3.3
Rechecked for fat only - satisfactory						
Master Mix 44% Dairy Supplement	44.0	----	1.0	---	9.5	---
Checked for urea only - satisfactory						
** Master Mix Sweet 16% Dairy	16.0	----	1.5	1.4	15.0	14.1**
Microscopic examination and fiber only						
Contained mixed screenings						
** Master Mix Sweet 16% Dairy	16.0	16.8	1.5	3.3	15.0	<u>17.3**</u>
Very much above guaranty in fiber						
Master Mix Early Worming Ration (51A)						
Medicated	20.0	20.4	5.0	6.5	2.5	2.4

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>MAGIC FEED MILLS, PAOLI, INDIANA</b>						
** Magic 24% Protein Dairy Feed	24.0	32.4	2.5	<u>1.1</u>	15.0	9.0**
<b>MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY</b>						
3-Nitro-4-Hydroxy and Nicarbazine Mixture incorporated in Double M 22% Broiler Starter	22.0	23.0	4.0	5.8	3.5	2.2
3-Nitro-4-Hydroxy & Nicarbazine Mixture incorporated in Double M Broiler Finisher	20.0	20.5	4.0	6.7	3.5	2.2
3-Nitro-4-Hydroxy & Nicarbazine Mixture incorporated in Double M Broiler Finisher	20.0	20.5	4.0	6.7	3.5	2.2
Double M 40% Hog Supplement	40.0	----	2.0	---	7.0	5.9
<b>MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY</b>						
State Leader Brand 20% Protein Laying Mash	20.0	20.1	3.0	4.2	7.0	5.0
0011% Diethylstilbestrol Mix (For Fattening Beef Cattle) Supplement & Cattle Feed	30.0	32.6	2.0	2.2	12.0	9.4
<b>MEDLEY DISTILLING COMPANY, OWENSBORO, KENTUCKY</b>						
Medley's Corn Distillers Dried Grains	25.0	28.2	5.0	9.2	16.0	10.6
<b>METZGER BROTHERS, PADUCAH, KENTUCKY</b>						
** Tankage with Bone	47.0	<u>45.8</u>	10.0	---	2.0	----**
<b>MIDDLESBORO MILLING COMPANY, MIDDLESBORO, KENTUCKY</b>						
Good Value 16% Protein Dairy Feed	16.0	19.3	3.5	3.7	14.0	9.9
Hard to Beat Feed	13.0	13.4	3.5	4.0	8.0	5.4
<b>S. E. MIGHTON COMPANY, BEDFORD, OHIO</b>						
Watch Dog Dog Food	10.0	10.3	2.0	5.1	1.2	1.4
** Smart Boy Dog Food Excess fat	15.0	<u>14.1</u>	3.5	11.7	1.0	.4**
<b>MOHAWK ROLLER MILLS, MOHAWK, TENNESSEE</b>						
Mohawk Scratch Feed	8.0	8.6	2.0	3.0	4.0	2.0
<b>MONROE SWEET FEED MILL, TOMPKINSVILLE, KENTUCKY</b>						
Double Duty 20% Laying Mash	20.0	21.5	3.5	4.3	7.5	5.3
<b>MORGAN PACKING COMPANY, INC., AUSTIN, INDIANA</b>						
King Karlo Dog Food	8.0	9.1	2.0	2.6	1.0	1.5
<b>MORGANTOWN FEED MILL, MORGANTOWN, KENTUCKY</b>						
Flavo 16% Dairy Feed	16.0	16.3	2.5	2.6	15.0	7.4
<b>JOHN MORRELL &amp; COMPANY, RED HEART DIV., CHICAGO, ILLINOIS</b>						
Morrell Red Heart Cat Food	11.5	11.6	2.0	3.5	1.0	.7
Morrell Red Heart Dog Food	10.5	11.5	2.5	3.4	1.0	.6
<b>MT. VERNON MILLING COMPANY, MT. VERNON, INDIANA</b>						
Sunlite Hominy Feed	10.0	11.2	5.0	6.9	6.0	4.6
<b>MURPHY GRAIN &amp; MILLING COMPANY, OWENSBORO, KENTUCKY</b>						
Airolite Hominy Feed	9.0	10.8	7.0	8.2	6.0	5.1
Airolite Hominy Seed	10.0	10.0	6.0	6.9	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
<b>H. NAGEL &amp; SON, CINCINNATI, OHIO</b>						
Wheat Bran	13.5	16.9	3.5	3.1	10.0	9.1
<b>NASHVILLE COTTON OIL MILL CORPORATION, NASHVILLE, TENNESSEE</b>						
** 41% Protein Solvent Extracted Cottonseed Meal	41.0	40.6	.5	.3	14.0	14.9**
<b>NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS</b>						
Corno Egg Mash	20.0	21.0	2.5	3.6	8.0	7.9
Corno 34% Dairy Supplement	34.0	----	1.0	---	10.0	---
Rechecked for urea only - satisfactory						
Corno Hog Supplement	40.0	41.3	1.0	---	7.0	---
Rechecked for protein only - satisfactory						
Corno Pig & Hog Wormer	14.0	15.8	3.0	4.1	7.0	3.9
<b>NATIONAL OATS COMPANY, CEDAR RAPIDS, IOWA</b>						
** Red 3 Hygrade Oat Mill By-Product	10.0	9.3	3.5	---	18.0	---
Rechecked for protein only - below guaranty						
<b>THE NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS</b>						
Polar Bear Wheat Gray Shorts with Screenings	16.0	17.7	4.0	4.0	6.0	5.5
<b>CHARLES NUNN &amp; SONS MILLING COMPANY, EVANSVILLE, INDIANA</b>						
Nunn-Better 20% Egg Mash	20.0	20.8	2.5	3.6	7.0	6.5
Nunn-Better 16% Milk Maker	16.0	16.1	3.5	3.7	9.0	7.4
Nunn-Better 40% Hog Supplement	40.0	41.6	1.0	2.9	8.5	6.2
Nunn-Better Pig Booster	20.0	21.3	2.5	3.1	6.0	3.7
Nunn-Better Horse and Mule Feed	10.0	11.8	2.5	2.0	11.0	8.0
<b>OWENSBORO GRAIN COMPANY, OWENSBORO, KENTUCKY</b>						
Ograco 44% Solvent Extracted Soybean Oil Meal	44.0	45.6	.5	1.6	7.0	5.9
Ograco 44% Solvent Extracted Soybean Oil Meal	44.0	45.3	.5	1.3	7.0	5.2
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.2	.5	1.3	7.0	5.3
<b>OWENSBORO MILLING COMPANY, INC., OWENSBORO, KENTUCKY</b>						
Tru Test Laying Mash	20.0	22.1	2.5	3.3	7.0	4.9
Tru Test 24% Dairy Feed	24.0	29.1	2.5	3.3	10.0	7.1
** Star 16 1/2% Dairy Feed	16.5	----	2.5	---	10.0	---
Rechecked for urea only						
0.36% excess non-protein nitrogen from urea						
Star 16 1/2% Dairy Feed	16.5	17.4	2.5	---	10.0	---
Tru Test Horse Feed	9.5	9.1	3.5	4.6	4.0	3.9
Wheat Gray Shorts with Screenings	14.5	15.5	4.5	4.1	6.0	5.3
** Sifted Cracked Corn	9.0	8.3	4.0	2.7	2.0	1.4**
Sifted Cracked Corn	9.0	8.5	4.0	4.4	2.0	---
Rechecked for protein & fat only - satisfactory						
<b>PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY</b>						
Bell Ringer 16% Dairy Feed	16.0	16.1	3.0	4.0	15.0	10.5
Green Valley 16% Dairy Feed	16.0	16.9	3.0	4.2	15.0	9.3
Wheat Gray Shorts	14.0	14.6	3.0	4.2	6.0	4.4
** Mixed Feed	13.0	12.2	4.0	---	8.0	---
** Mixed Feed	13.0	11.2	4.0	6.3	8.0	8.0**

\*\*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
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY (Con't)						
** Mixed Feed	13.0	11.5	4.0	7.3	8.0	6.8**
** Mixed Feed	13.0	11.3	4.0	6.5	8.0	5.8**
PATTERSON & GUTHRIE, HARRODSBURG, KENTUCKY						
12% Dairy Feed ( To be used with high protein legume pasture, hay or ensilage)	12.0	14.5	2.5	3.2	8.0	6.5
PENNINGTON MILLING COMPANY, PENNINGTON GAP, VIRGINIA						
Blue Bird 14% Protein Mixed Feed	14.0	15.1	3.5	5.6	9.5	8.6
PERK DOG FOOD COMPANY, VETS DIVISION, CHICAGO, ILLINOIS						
Vets Dog Food	10.0	----	2.0	2.1	1.5	---
Rechecked for fat and water only Above guaranty in water	10.0	10.2	2.0	3.1	1.5	---
Vets Dog Food	10.0	----	2.0	2.1	1.5	---
Rechecked for protein fat and water only Satisfactory	10.0	12.3	2.0	3.5	1.5	1.1
Vets Dog Food	10.0	---	2.0	2.6	1.5	---
** Peak Horsemeat Dog Food	15.0	16.8	7.5	18.6	1.0	.2**
Excess fat Peak Beef Flavor Mix for Instant Mixing with Dry Dog Food	14.0	13.9	6.5	6.6	1.0	.5
** Perk Dog Food Deluxe Quality	12.0	13.8	3.0	.7	1.0	1.4**
Very much below guaranty in fat						
PILLSBURY MILLS, INC., CLINTON, IOWA						
Pillsbury's Champion Egg Producer	20.0	----	3.0	---	8.0	---
Microscopic analysis only - satisfactory	20.0	----	3.0	3.9	8.0	---
Pillsbury's Champion Egg Producer	19.0	23.1	2.5	2.8	9.0	7.3
Microscopic examination only Satisfactory	18.0	19.5	3.0	4.3	5.5	3.2
Pillsbury's Best Calf Ration	15.0	15.6	3.0	4.7	8.0	7.4
Pillsbury's Best Arsanilic Acid Mixture incorporated in Pillsbury's Best Pig Feast						
Pillsbury's Best Sow Ration						
PILLSBURY MILLS, INC., MINNEAPOLIS, MINNESOTA						
Pillsbury's Soft Wheat Mixed Feed with Ground Wheat Screenings not exceeding Mill Run	13.5	15.3	3.0	4.1	9.5	7.6
PRINCETON MILLS, PRINCETON, KENTUCKY						
Check-R-Mix Laying Feed (All Mash) H	15.0	16.4	3.0	4.4	5.0	3.6
Check-R-Mix Hog Feed E	14.0	13.8	3.0	3.8	6.0	3.2
PURCELL SEED COMPANY, INC., EVANSVILLE, INDIANA						
Purcell's 18% Poultry Mash	18.0	18.3	3.0	---	5.0	---
Rechecked for protein only - satisfactory	18.0	18.4	3.0	3.5	5.0	4.6
Purcell's Poultry Ration (With Cod Liver Oil)	18.0	18.1	3.0	3.6	5.0	4.9
Purcell's Poultry Ration (With Cod Liver Oil)	40.0	40.0	2.5	---	7.0	---
Judge 40% Hog Supplement						
Rechecked for protein only - satisfactory						

\*\*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>THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS</b>						
Ful-O-Pep Sweet 16% Dairy Feed	16.0	----	2.5	4.3	15.0	---
Rechecked for fat and urea only						
Satisfactory						
Ken-L-Treats	23.0	24.5	4.0	5.0	3.0	1.5
<b>C. B. RAGLAND COMPANY, NASHVILLE, TENNESSEE</b>						
Mitsie Dog Food	10.0	----	2.0	1.4	1.5	---
Rechecked for fat only - Below guaranty						
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI</b>						
Purina Super Chick Startena	23.0	25.3	4.5	7.1	4.0	3.6
Purina Chick Growena	17.0	18.9	3.0	4.4	7.0	5.0
Purina 3-Nitro-4-Hydroxyphenylarsonic Acid						
Mixture in Purina Broiler Chow Finisher	20.0	21.1	4.5	5.7	3.0	2.8
Purina Flock Chow	18.0	20.0	2.5	4.0	7.0	6.3
Purina Breeder Lay Chow	22.0	21.7	4.0	5.5	5.0	5.5
Purina Lay Chow	21.0	23.2	3.0	5.8	6.5	5.1
Purina Super Lay Chow	23.0	22.6	10.0	9.8	5.0	4.4
Purina Layena (Complete Ration)	16.0	16.6	3.5	4.8	6.0	4.4
Purina Cage Layena (Complete Ration)	16.0	15.9	3.5	5.7	5.5	4.7
Purina Super Cage Layena	17.0	17.7	7.0	8.3	4.5	3.5
Purina Poultry Booster Chow	24.0	26.1	2.5	4.1	8.0	6.1
Purina Cow Chow	18.0	18.9	3.0	2.9	10.0	8.3
Purina 18% Dairy Chow	18.0	19.1	2.5	---	15.0	---
Purina 18% Dairy Chow	18.0	22.0	2.5	2.9	15.0	8.3
Purina 18% Dairy Chow	18.0	20.8	2.5	3.5	15.0	10.8
** Purina 18% Dairy Chow H	18.0	19.7	2.5	1.4	15.0	6.3**
Purina Milk Chow	16.0	19.4	2.5	2.9	10.0	7.7
Purina D & F Chow	12.5	13.7	2.5	3.5	11.0	8.4
Purina Bulky Las	10.0	12.1	1.5	1.3	15.0	11.9
Purina Bulky Las Roughage Feed	10.0	12.6	1.5	1.7	15.0	13.0
New Purina Dog Food	24.0	----	7.0	8.4	3.0	2.9
Checked for fat and fiber only						
Satisfactory						
<b>RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY</b>						
** Ra-Mi-Co 16% Dairy Feed	16.0	15.3	2.5	2.6	10.0	10.5**
16% Protein Hog Fatner and Grower	16.0	16.1	3.0	3.7	6.0	5.3
<b>RENFRO SUPPLY COMPANY, WILLIAMSBURG, KENTUCKY</b>						
Renfro 24% Dairy Feed	24.0	27.5	2.5	5.3	10.0	7.0
Renfro 24% Dairy Feed	24.0	---	2.5	2.9	10.0	---
Checked for fat only - satisfactory						
<b>RIVAL PACKING COMPANY, CHICAGO, ILLINOIS</b>						
** Rival Cat Food	12.0	13.4	2.0	.7	1.5	1.5**
** Rival Cat Food	12.0	---	2.0	1.4	1.5	----**
Rechecked for fat and moisture						
Below guaranty in fat and above guaranty						
in water						
Rival Cat Food	12.0	----	2.0	1.9	1.5	---
Rechecked for fat and water only						
Satisfactory						
<b>RIVERSIDE MILLS COMPANY, NASHVILLE, TENNESSEE</b>						
** Ward's 24% Dairy Feed	24.0	22.8	4.0	5.0	12.0	8.2**

\*\*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
ROBBINS BROTHERS, AUBURN, KENTUCKY Hominy Feed	10.0	10.3	7.0	7.0	8.0	6.1
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY						
** Green Valley 24% Dairy Feed 0.3% excess non-protein nitrogen from urea	24.0	28.5	3.0	4.2	14.0	9.9**
Happy Home 16% Sweet Dairy Feed	16.0	16.4	3.0	3.9	15.0	15.3
Sun-Ray 40% Hog Supplement	40.0	41.4	2.5	3.6	7.0	5.9
Booster Hog Feed	17.0	17.0	3.5	4.7	8.0	4.0
G. P. ROSE & COMPANY, INC., NASHVILLE, TENNESSEE						
Rose's Triumph Dog Food	24.0	26.8	8.0	7.9	4.0	3.2
ROSS FEED COMPANY, MURRAY, KENTUCKY						
Standard Brand 14% Poultry Fattener	14.0	15.8	4.0	4.5	6.0	4.6
Standard Brand 16% Dairy Feed (Open Formula)	16.0	16.7	3.0	2.8	8.5	8.5
Standard (Open Formula) 17% Pig & Hog Feed	17.0	20.1	3.5	3.4	6.0	5.2
Economy Wheat Bran and Screenings	14.0	15.6	3.5	3.9	10.0	9.5
RUSSELL GRAIN COMPANY, HILLIARDS, OHIO						
Russell's 262 Brand 24% Dairy Feed Rechecked for protein only - satisfactory	24.0	25.0	2.5	---	15.0	---
RUSSELL-MILLER MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
** Occident Nitrafurazone (N.F.Z.) Mixture in Occident Chick Starter	20.0	21.8	3.0	3.5	5.0	5.7**
** Occident Nitrafurazone (N.F.Z.) Mixture in Occident Chick Grower	17.0	18.6	3.0	4.1	6.0	6.8**
Occident Egg Ration	15.0	17.0	2.5	3.9	7.5	7.7
Occident Oxytetracycline (Terramycin)						
Mix in Occident Perk-Up	22.0	25.0	2.5	3.1	7.0	7.4
** Lasso-Mix Very much below guaranty in sugar	3.0	4.2	.3	.3	18.0	16.7**
RYDE & COMPANY, CHICAGO, ILLINOIS						
Ryde's Menhaden Fish Meal for Poultry & Livestock Feeding	60.0	59.7	8.0	7.7	2.0	.9
J. F. SCHNEIDER & SONS, INC., MIDDLESBORO, KENTUCKY						
** Cudjo 50% Tankage Very much below guaranty in protein and contained too much bone	50.0	47.8	10.5	10.6	2.5	1.6**
THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI						
Gristo 40% Hog Pellets	40.0	39.6	3.0	2.8	7.5	5.0
Gristo Pig Starter Pellets	16.0	17.2	3.5	4.3	6.0	6.2
SHIVELY'S FEED & SEED COMPANY, COLUMBIA, KENTUCKY						
Shively's Blue Ribbon 16% Dairy	16.0	15.6	2.5	2.8	9.0	5.9
Blue Ribbon Ground Ear Corn	8.0	7.5	3.5	3.8	8.0	7.1
SIEMER MILLING COMPANY, TEUTOPOLIS, ILLINOIS						
Steel Cut Corn	8.0	8.4	2.5	3.4	3.0	1.8

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SMITH PACKING COMPANY, NASHVILLE, TENNESSEE						
** Smith's Meat Scraps	55.0	<u>53.2</u>	5.0	9.4	5.0	1.8**
SOUTHERN CANNING SALES, INC., HIGHLANDS, TEXAS						
** Top Kick Dog & Cat Food	8.0	7.7	2.0	<u>.7</u>	1.2	1.7**
THE SOUTHERN COTTON OIL COMPANY, DECATUR, ALABAMA						
Sco-Co Brand 41% Protein Cottonseed Meal	41.0	42.1	3.0	6.4	14.0	12.4
SOUTHERN STATES CAMPBELLSVILLE COOPERATIVE, CAMPBELLSVILLE, KENTUCKY						
16% Co-Op Dairy	16.0	17.2	3.0	2.8	10.0	5.9
SOUTHERN STATES FRANKFORT COOPERATIVE, FRANKFORT, KENTUCKY						
** 16% Co-op Dairy	16.0	18.7	3.0	4.1	10.0	6.6**
0.6% excess non-protein nitrogen from urea						
SOUTHERN STATES GLASGOW COOPERATIVE, GLASGOW, KENTUCKY						
20% Economy Laying Mash	20.0	22.1	4.0	3.6	6.5	5.2
40% Pork Booster	40.0	44.5	2.0	3.8	5.0	4.2
This contained poultry feathers						
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI						
Karmels "B"	22.0	24.6	2.5	4.1	12.0	10.4
A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS						
Staley's Chick Starter	20.0	22.6	2.5	4.0	4.0	4.4
Staley's Egg Mash	20.0	22.0	2.5	3.4	6.5	5.5
** Staley's 30% Beef Concentrate	30.0	32.0	1.5	2.1	8.0	6.4**
0.25% excess non-protein nitrogen from urea						
STANDARD MILLING COMPANY, ELKTON, KENTUCKY						
Mixed Feed	9.5	10.2	3.0	2.5	8.0	5.6
STURGIS MILLING COMPANY, STURGIS, KENTUCKY						
Hoppy's 40% Hog Supplement	40.0	40.0	3.0	6.4	8.0	5.0
** Hoppy's 40% Hog Supplement	40.0	<u>38.8</u>	3.0	5.2	8.0	5.7**
Hoppy's 20% Pig and Sow Meal	20.0	<u>20.3</u>	3.0	4.0	6.0	5.6
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY						
** Sun-Ray 24% Sweet Dairy Feed	24.0	<u>19.8</u>	4.0	4.2	10.0	6.7**
Very much below guaranty in protein						
** Sun-Ray 24% Sweet Dairy Feed	24.0	<u>22.6</u>	4.0	3.8	10.0	7.8**
Very much below guaranty in protein						
Sun-Ray 24% Sweet Dairy Feed	24.0	23.6	4.0	---	10.0	---
Rechecked for protein only - satisfactory						
** Booster Brand 16% Stock Feed	16.0	<u>14.5</u>	3.5	4.9	9.0	7.4**
Booster Brand 16% Stock Feed	16.0	16.0	3.5	5.2	9.0	7.4
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY						
Green Valley 24% Dairy Feed	24.0	25.5	2.5	---	10.0	---
Rechecked for protein only - satisfactory						
SUNSHINE BISCUITS, INC., CRAFTON, OHIO						
** U. M. C. Wheat Middlings (with Screenings)	14.0	15.2	3.5	3.8	9.5	7.6**
Contained mixed screenings						

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SUPREME MILLS, GLASGOW, KENTUCKY</b>						
Supreme Brand H. E. 20% Protein Laying Mash	20.0	21.4	3.5	4.2	5.5	4.5
Supreme Special 20% Protein Dairy Feed	20.0	22.7	3.5	3.4	10.0	7.1
Supreme Special 20% Protein Dairy Feed	20.0	21.5	3.5	3.7	10.0	8.1
<b>D. B. SUTHERLAND &amp; SONS, BLOOMFIELD, KENTUCKY</b>						
Kentucky Star Brand Farm Feed	13.5	16.4	3.5	3.8	8.0	5.3
<b>SWEET FEED MILLS, INC., BOWLING GREEN, KENTUCKY</b>						
Good Fresh Hog Fat	14.0	13.6	4.0	4.5	8.0	6.6
<b>SWEET FEEDS, HOPKINSVILLE, KENTUCKY</b>						
** Pratts Thrifty 16% Sweet Dairy Feed	16.0	18.4	3.0	<u>2.3</u>	9.5	5.9**
<b>SWIFT &amp; COMPANY, CHICAGO, ILLINOIS</b>						
Swift's Laying Concentrate Pow-R-Pack Brand	34.0	----	4.0	5.0	9.5	---
Rechecked for fat only - satisfactory						
** Swift's 3-Nitro Nicarbazin Mixture inc. in Swift's Broiler Ration	22.0	21.6	6.0	<u>3.8</u>	4.5	4.0**
Very much below guaranty in fat						
Swift's Hog Fattener	14.0	19.1	3.5	3.4	8.5	6.9
Swift's 42% Protein Expeller Soybean Oil Meal	42.0	41.5	2.5	3.1	7.0	6.4
** Swift's Digester Tankage	60.0	<u>57.8</u>	5.0	11.4	3.0	1.4**
Very much below guaranty in protein						
<b>TARTER FEED MILL &amp; HATCHERY, LIBERTY, KENTUCKY</b>						
** 16% H. E. Laying All Mash	16.0	18.3	3.0	4.6	4.5	<u>5.9**</u>
<b>TAYLOR COUNTY IMPLEMENT &amp; FEED COMPANY, CAMPBELLSVILLE, KENTUCKY</b>						
Economy Brand Pig & Sow Feed	17.0	17.0	3.0	3.5	6.0	5.0
<b>TELL CITY FLOURING MILL, TELL CITY, INDIANA</b>						
Kentuck 20% Laying Mash	20.0	21.9	3.5	4.1	8.0	6.4
Hoosier Cattle Roughage Feed	9.0	12.9	.5	.9	25.0	19.8
<b>THOMERSON MILLING COMPANY, GLASGOW, KENTUCKY</b>						
Thomersons 18% Dairy Feed	18.0	20.0	3.0	3.5	9.0	6.3
** Mixed Feed	12.5	13.5	4.0	4.7	8.5	<u>9.1**</u>
<b>THE THOROBRED COMPANY, CINCINNATI, OHIO</b>						
Thorobred Dog Food	10.0	10.7	2.5	2.3	1.0	1.1
<b>THURMOND'S MILL, MURRAY, KENTUCKY</b>						
** Thurmond's Ground Corn	8.0	10.9	3.5	<u>2.7</u>	4.0	2.7**
<b>TILFORD &amp; WALTERS MILL, METROPOLIS, ILLINOIS</b>						
** 3-Nitro-4-Hydroxy Mixture inc. in Masco 20% Protein Layer Mash	20.0	22.3	4.0	3.7	4.5	<u>5.3**</u>
** Masco 40% Protein Hog Supplement	40.0	<u>38.8</u>	2.5	3.3	8.0	<u>7.2**</u>
<b>TOPEKA FLOUR MILLS CORPORATION, SALINA, KANSAS</b>						
K-Y Wheat Gray Shorts	17.0	20.2	4.0	5.1	6.0	5.1

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
TRENTON MILLING COMPANY, TRENTON, ILLINOIS						
** Easter Lily Wheat Gray Shorts & Screenings	16.0	21.9	4.0	<u>3.4</u>	6.0	<u>7.4**</u>
** Easter Lily Wheat Gray Shorts & Screenings	16.0	15.6	4.0	3.8	6.0	<u>7.3**</u>
** Easter Lily Wheat Gray Shorts & Screenings	16.0	----	4.0	6.2	6.0	<u>6.7**</u>
Rechecked for fiber only - above guaranty						
TRENTON COTTON OIL COMPANY, TRENTON, TENNESSEE						
Trenton Brand 41% Protein Cottonseed Meal	41.0	40.5	4.0	3.7	14.0	12.3
C. F. VISSMAN & COMPANY, LOUISVILLE, KENTUCKY						
** Vissman's 60% Protein Digester Tankage	60.0	<u>58.4</u>	6.0	---	3.0	----**
Rechecked for protein only.						
Very much below guaranty in protein						
WARREN FEED COMPANY, MURRAY, KENTUCKY						
Warren's Check-R-Mix Hog Feed A	14.0	15.8	3.0	3.8	8.0	3.2
WEISENBERGER MILLS, MIDWAY, KENTUCKY						
Repeater Mixed Feed	14.0	14.5	4.0	5.4	10.5	8.0
WEST 9th STREET MILL, OWENSBORO, KENTUCKY						
Ravor Brand 21% Chick Starting Mash	21.0	22.3	2.5	4.6	6.0	4.0
Ravor 20% Egg Mash	20.0	20.6	2.5	4.0	7.0	5.2
Special 16% Dairy Feed	16.0	17.7	2.5	3.5	9.0	7.3
Ravor Sow & Pig Ration	17.5	18.0	3.0	3.1	6.0	5.0
WEST TENNESSEE SOYA MILLS, INC., TIPTONVILLE, TENNESSEE						
44% Protein Solvent Extracted Soybean Oil Meal	44.0	49.1	.5	.7	7.8	5.5
MARTHA WHITE MILLS, OF WEST VIRGINIA, HUNTINGTON, WEST VIRGINIA						
Fortune 20% Laying Mash	20.0	20.3	2.5	4.8	7.0	6.3
Fortune 24% Dairy Feed	24.0	25.3	2.5	2.9	14.0	8.6
WILLIAMSTOWN ROLLER MILLS, WILLIAMSTOWN, KENTUCKY						
** Our Own 20% Protein Egg Mash	20.0	<u>17.7</u>	3.5	3.1	7.0	4.2**
Very much below guaranty in protein						
** Williamstown 18% Dairy Feed	18.0	<u>17.1</u>	2.5	2.4	10.0	5.8**
** Our Own 16% Protein Pig & Sow Meal	16.0	<u>14.4</u>	4.0	3.5	6.0	3.3**
WINN & TOBIN MILLING COMPANY, MARION, KENTUCKY						
Daisy 20% Starter & Grower	20.0	21.5	2.5	4.2	6.0	6.5
Daisy Scratch Feed	9.0	9.0	2.5	---	3.0	---
Hominy Meal	10.0	10.0	7.0	6.8	8.0	4.3
YOUNG FEED & GRAIN COMPANY, LEWISPORT, KENTUCKY						
Check-R-Mix Laying Feed (All Mash) S. N.	16.0	16.1	3.0	4.6	8.0	4.1

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