

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

by the  
**FEEED AND FERTILIZER DEPARTMENT**  
**KENTUCKY AGRICULTURAL EXPERIMENT**  
**STATION**

in January, February, and March, 1955



**Kentucky Agricultural Experiment Station**  
**University of Kentucky**  
**Lexington**

FEEED AND FERTILIZER DEPARTMENT  
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Bruce Poundstone, Head of Department

FIELD INSPECTION

Robert Mathews  
Neville Hulette

Otis R. Wheeler  
Robert B. Simon

Noel J. Howard  
Josiah E. Anderson

LABORATORY

Harry R. Allen  
Chester Ball  
Thelma Anderson

Lelah Gault  
Valva Midkiff  
Robert N. Price

Louise M. Jett  
J. A. Shrader

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>		
Wayne 42% Dairy Mixing Supplement	17.50	15.80
Wayne 42% Dairy Mixing Supplement	17.50	15.70
Sugarine 16% Dairy	4.00	3.70
<b>AUBREY FEED MILLS, LOUISVILLE, KENTUCKY</b>		
Red "A" 24% Dairy Feed	7.86	6.90
Red "A" 24% Dairy Feed	7.86	6.60
Red "A" 18% Dairy Feed	5.24	6.00
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>		
Harrison's Nat-Ur-Way 24% Dairy Feed	7.87	6.60
Harrison's Nat-Ur-Way 18% Dairy Feed	5.24	5.80
<b>BARRY-CARTER MILLING CO., LEBANON, TENNESSEE</b>		
Liberty 16% Dairy Feed	5.24	3.80
Liberty 16% Dairy Feed	5.24	4.00
<b>BEAVER DAM MILLING CO., BEAVER DAM, KENTUCKY</b>		
Eureka 32% Dairy Supplement	8.00	8.70
Eureka 24% Dairy Feed (With Urea)	8.00	6.80
Sweet Miss 16% Dairy Feed	5.24	5.50
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>		
Hi-Lo 24% Dairy Feed	7.86	7.50
Hi-Lo 24% Dairy Feed	7.86	7.10
Hi-Lo 24% Dairy Feed	7.86	6.20
O. K. 16% Dairy Feed	2.62	3.00
O. K. 16% Dairy Feed	2.62	2.20
O. K. 16% Dairy Feed	2.62	1.90
O. K. 16% Dairy Feed	2.62	2.90
O. K. 16% Dairy Feed	2.62	2.00
<b>BUHNER &amp; CO., LOUISVILLE, KENTUCKY</b>		
Happy Farmer 32% Dairy Supplement	10.48	10.60
Magnolia 32% Dairy Supplement	12.00	12.10
Magnolia Sweet 16% Dairy Feed	3.93	5.20
Magnolia Sweet 16% Dairy Feed	3.93	3.90
<b>CADIZ MILLING CO., CADIZ, KENTUCKY</b>		
Diethylstilbestrol in 35% Cattle Supplement	7.90	7.50
<b>CARLISLE MILL &amp; SUPPLY CO., CARLISLE, KENTUCKY</b>		
Old Kentucky 16% Dairy Feed	1.45	1.60
<b>CLINTON MILLING CO., CLINTON, KENTUCKY</b>		
Climco 16% Dairy Feed	5.24	3.50
<b>COMMUNITY MILLING CO., IRVINGTON, KENTUCKY</b>		
Our Pride 20% Dairy Feed	7.86	4.10
Our Pride 16% Dairy Feed	5.24	3.30
Our Pride 16% Dairy Feed	5.24	3.90

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

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

MANUFACTURER, BRAND AND REMARKS	NON-PROTEIN NITROGEN	
	Guaranteed	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO		
32% Dairy Supplement	11.00	9.60
16% Utility Dairy	3.25	3.70
16% Utility Dairy	3.25	3.40
16% Utility Dairy	3.25	2.80
CRESCENT ROLLER MILLS CO., TAYLORSVILLE, KENTUCKY		
Henry's 16% Dairy Feed	5.24	5.20
THE EARLY & DANIEL CO., CINCINNATI, OHIO		
Tuxedo 33% Dairy Supplement	8.25	7.20
Tuxedo Dairy 24%	6.00	4.90
Tuxedo Special 24% Dairy	6.00	5.80
Eadan 24% Dairy	6.00	5.40
Tuxedo Dairy 20%	4.98	4.70
Tuxedo Dairy 20%	4.98	5.60
Tuxedo Dairy 20%	4.98	4.30
Tuxedo Special 20% Dairy	4.98	4.60
Tuxedo Dairy 18%	4.45	5.00
Tuxedo Dairy 18%	4.45	4.50
Tuxedo Dairy 16%	3.93	4.10
Tuxedo Dairy 16%	3.93	3.70
Tuxedo "Pro-Molas" Rolls	6.00	7.30
Tux-Sweet Rolls (45% Molasses)	2.62	2.00
Tux-Sweet Rolls	2.62	2.60
FERNCLIFF FEED & GRAIN CO., LOUISVILLE, KENTUCKY		
Ferncliff 20% Dairy Feed	6.55	8.70
HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY		
Blue Grass 33% Dairy Concentrate (With Urea)	8.75	11.20
Blue Grass 24% Dairy Feed (With Urea)	7.86	6.00
Producer 24% Dairy Feed	6.56	7.10
Producer 16% Dairy Feed (With Urea)	5.24	6.60
Producer 16% Dairy Feed	5.24	6.60
GARDEN STREET MILL & ELEVATOR CO., LOUISVILLE, KENTUCKY		
Garden 16% Dairy Feed	5.00	3.00
GWINN BROS. & CO., HUNTINGTON, WEST VIRGINIA		
Sweet Acre 24% Dairy Feed	8.00	3.50
HANCOCK & FRANKLIN MILLS, LOUISVILLE, KENTUCKY		
Arrow 24% Dairy Feed	6.56	7.60
Arrow 24% Dairy Feed	7.87	6.90
Arrow Special 24% Dairy Feed	7.87	5.50
THE P. H. HARSHA MILLING CO., PORTSMOUTH, OHIO		
Harsha's Dixie Sweet 24% Dairy Feed	7.86	7.80
LEXINGTON ROLLER MILLS, INC., LEXINGTON, KENTUCKY		
Thoroughbred 24% Sweet Dairy Feed	5.89	4.80
Thoroughbred 20% Sweet Dairy Feed	2.62	2.90
Sweet Sue 16% Dairy Feed	2.62	5.21
Sweet Sue 16% Dairy Feed	5.24	3.80

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
MARKIN FEED CO., IRONTON, OHIO Markin Special 16% Dairy Feed	2.63	2.70
MAYFIELD MILLING CO., MAYFIELD, KENTUCKY Double "M" Economy Dairy Feed	4.94	3.90
McMILLEN FEED MILLS, FORT WAYNE, INDIANA Master Mix 44% Dairy Supplement	20.96	<u>25.30</u>
Master Mix 44% Dairy Supplement	20.96	19.40
MOORMAN MFG. CO., QUINCY, ILLINOIS Moorman's Mintrate 42 for Dairy Cows	9.00	6.40
MYERS & CLARK CO., ASHLAND, KENTUCKY 16% Mi-Choice Dairy Feed	2.62	2.60
NATIONAL OATS CO., E. ST. LOUIS, ILLINOIS Corno Cattle Supplement "A"	10.00	8.80
OWENSBORO MILLING CO., OWENSBORO, KENTUCKY Sugar Lassie Dairy Feed	5.24	<u>6.50</u>
Tru Test 32% Beef Cattle Supplement	10.48	9.90
PILLSBURY MILLS, INC., CLINTON, IOWA Pillsbury's Best 32% Dairy Concentrate	10.48	10.70
Pillsbury's Best 20% Dairy Feed	6.55	4.50
Dutch Maid 16% Dairy Feed	3.95	3.40
Pillsbury's Best Beef Cattle Concentrate	7.86	6.80
Pillsbury's Best Beef Cattle Concentrate	7.86	8.20
PRINCETON MILLS, PRINCETON, KENTUCKY Chowmix 16% Dairy Feed B	2.20	2.50
QUAKER OATS CO., CHICAGO, ILLINOIS Quaker 16% Dairy Feed	4.60	3.70
Quaker 16% Dairy Feed	4.60	4.60
RALSTON PURINA CO., ST. LOUIS, MISSOURI Purina Cow Chow Concentrate	8.75	8.70
Purina Cow Chow Concentrate	8.75	8.75
Purina Cow Chow Concentrate	8.75	7.70
Purina Cow Chow Concentrate	8.75	8.75
Purina Cow Chow Concentrate	8.75	8.30
Purina Dairy Chow	4.00	1.40
Purina Diethylstilbesterol Mix in Purina Steer Fatena	8.75	7.50
Purina Steer Fatena G (K)	5.50	5.70
RENFRO SUPPLY CO., WILLIAMSBURG, KENTUCKY Renfro 24% Dairy Feed	7.87	4.00
ROBINSON MILLING CO., SOMERSET, KENTUCKY Green Valley 24% Dairy Feed	8.00	6.00
Happy Home 16% Sweet Dairy Feed	5.24	3.40
Happy Home 16% Sweet Dairy Feed	5.24	3.30

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
RUSSELL GRAIN CO., HILLIARDS, OHIO		
Russell's 24% Dairy Feed 262	7.87	<u>10.50</u>
Russell's 24% Dairy Feed	7.87	8.00
SCIENTIFIC MILLING CO., E. ST. LOUIS, ILLINOIS		
Scientific 16% Dairy Feed	4.00	3.10
STALEY MILLING CO., KANSAS CITY, MISSOURI		
Staley's Diethylstilbestrol Mix in Staley Karmels-S 22% Cattle Concentrate	11.00	7.60
STURGIS MILLING CO., STURGIS, KENTUCKY		
Neva-Fail 16% Sweet Dairy	5.24	3.30
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY		
Sun-Ray 16% Dairy Feed	2.90	<u>4.70</u>
Green Valley 16% Dairy Feed	3.67	<u>2.50</u>
SUPREME FEED MILLS, GLASGOW, KENTUCKY		
Supreme 16% Dairy Feed	5.24	4.80
Feeders Pride 16% Dairy Feed	5.24	5.80
Feeders Pride 16% Dairy Feed	5.24	4.80
D. B. SUTHERLAND & SONS, BLOOMFIELD, KENTUCKY		
Kentucky Star 24% Dairy Feed	5.24	3.50
Kentucky Star 20% Dairy Feed	5.24	3.20
TARTER'S FEED MILL, LIBERTY, KENTUCKY		
Sur-Good 16% Sweet Dairy Feed	5.24	3.10
TILFORD & WALTERS MILL, METROPOLIS, ILLINOIS		
Masco 42% Dairy Mixing Supplement	13.88	14.50
UBIKO MILLING CO., CINCINNATI, OHIO		
32% Union Grains Life Guard Supplement	8.60	9.00
VITALITY MILLS, INC., CHICAGO, ILLINOIS		
Vitality Speedy 22% Beef Maker	8.70	4.10
WATKINS WHOLESALE GROCERY, EAST BERNSTADT, KENTUCKY		
Butterfat 24% Dairy Feed	7.86	6.80

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

Quarterly Report on Feed Samples, 1955

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
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>														
Wayne 42% Dairy Mixing Supplement	42.0	42.5	1.0	1.9	8.0	5.6	2.0	2.3	.7	.9	.0008	---	3.7	2.2
Wayne 42% Dairy Mixing Supplement	42.0	42.2	1.0	2.4	8.0	5.8	2.0	2.5	.7	1.0	.0008	---	3.7	1.5
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>														
Happy Farmer 32% Dairy Supplement	32.0	34.9	2.5	3.3	9.0	7.5	3.5	3.7	1.2	1.2	.0375	---	2.5	3.0
Magnolia 32% Protein Dairy Supplement	32.0	33.7	3.0	2.9	10.0	7.8	4.0	3.5	1.0	1.1	-----	---	3.5	3.8
<b>COOPERATIVE MILLS, INC., CINCINNATI, OHIO</b>														
40% Pork Maker (For Hogs on Pasture)	40.0	42.8	1.5	5.4	8.5	4.7	3.5	3.7	1.2	1.6	.0001	---	2.0	2.0
40% Pork Maker (For Hogs on Pasture)	40.0	41.8	3.5	5.7	6.0	4.5	3.5	3.9	1.5	1.7	-----	---	2.0	1.8
40% Pork Maker (For Hogs on Pasture)	40.0	41.5	1.5	5.4	8.5	4.7	3.5	4.1	1.2	1.4	.0001	---	2.0	1.5**
Contained poultry feathers														
40% Pork Maker (For Hogs on Pasture)	40.0	41.8	1.5	6.0	8.5	4.2	3.5	4.0	1.2	1.4	.0001	---	2.0	1.6**
Contained poultry feathers														
<b>HUTCHINS BROTHERS MINERAL WORKS, HILLSBORO, INDIANA</b>														
"H-B" Special Formula Brand" Mineral Feed	-----	-----	---	---	---	---	21.0	30.6	2.0	2.1	.0056	---	10.0	9.9
<b>McMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>														
Master Mix 44% Dairy Supplement	44.0	46.8	1.0	1.5	8.0	7.0	3.2	2.6	1.1	1.0	.0004	---	3.4	3.4
3.34% excess non-protein nitrogen from urea														

\*\* 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
McMILLEN FEED MILLS, FORT WAYNE, INDIANA (Cont'd)														
Master Mix 44% Dairy Supplement	44.0	46.8	1.0	1.1	8.0	6.4	3.2	3.2	1.1	1.1	.0004	---	3.4	3.4
MINERAL PRODUCTS CO., INDIANAPOLIS, INDIANA														
3-Way All Purpose Mineral	----	----	----	----	----	----	18.2	24.5	3.0	3.9	.011	----	10.0	9.4
MOORMAN MFG. CO., QUINCY, ILLINOIS														
Moorman's Mintrate 42 for Dairy Cows	42.0	43.4	2.2	2.2	8.5	7.6	2.8	3.2	1.1	1.4	.0015	----	----	----
OELWEIN CHEMICAL COMPANY, OELWEIN, IOWA														
Occo Mineral Supplement for Dairy Cows & Calves	----	----	----	----	----	----	18.0	23.0	4.5	5.5	.01	----	8.0	8.0
Occo Mineral and Vitamin Supplement for Beef Cattle	----	----	----	----	----	----	18.0	22.5	4.5	4.0	.01	----	8.0	7.0
Occo-Lak Mineral Feed with Yeast Culture	4.48	5.2	1.1	1.0	2.7	5.1	19.0	19.4	.8	1.2	.001	----	11.0	10.0
Very much above guarantee in fiber														
Occo Mineral & Vitamin Supplement for Hogs	----	----	----	----	----	----	15.0	17.8	4.0	3.8	.01	----	----	----
PILLSBURY MILLS, INC., CLINTON, IOWA														
** Pillsbury's Best 32% Dairy Concentrate	32.0	32.9	2.0	2.3	8.0	6.4	2.6	2.7	1.0	1.3	.0004	----	1.7	3.3**
Pillsbury's Best Beef Cattle Concentrate	32.0	34.4	1.5	2.4	8.0	6.5	2.7	2.7	.9	1.1	-----	----	1.7	.4
Pillsbury's Best Beef Cattle Concentrate	32.0	31.9	1.5	1.9	8.0	6.9	2.7	3.4	.9	1.0	.0003	----	1.7	1.4
PURCELL SEED CO., INC., EVANSVILLE, INDIANA														
"Purcell's" All-Purpose Mineral Mixture	----	----	----	----	----	----	30.0	32.0	1.5	1.6	.06	----	10.0	9.7

\*\* 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
<b>RALSTON PURINA CO., ST. LOUIS, MISSOURI</b>														
Purina Cow Chow Concentrate	32.0	33.2	1.5	2.4	9.0	6.1	3.0	3.6	1.0	1.3	.00035	---	2.3	2.5
Purina Cow Chow Concentrate	32.0	32.7	1.5	1.8	9.0	6.1	3.0	4.5	1.0	1.7	.00035	---	2.3	1.5
Purina Cow Chow Concentrate	32.0	34.9	1.5	1.7	9.0	6.0	3.0	3.0	1.0	1.0	.00035	---	2.3	2.3
Purina Cow Chow Concentrate	32.0	32.5	1.5	2.5	9.0	5.7	3.0	3.0	1.0	1.2	.00035	---	2.3	1.7
Purina Cow Chow Concentrate	32.0	34.8	1.5	3.0	9.0	5.6	3.0	3.0	1.0	1.0	.00035	---	2.3	2.3
Purina Sow & Pig Chow Supplement	32.0	32.0	2.5	3.1	9.0	6.4	4.0	4.0	1.6	1.6	.0003	---	2.5	2.5
** Purina Sow & Pig Chow Supplement	32.0	<u>28.1</u>	2.5	2.6	9.0	6.2	4.0	2.7	1.6	1.2	.0003	---	2.5	2.3**
Very much below guarantee in protein														
Purina Hog Chow Supplement	36.0	36.5	2.0	2.5	10.0	6.2	5.0	4.8	1.8	2.1	.0003	---	2.5	2.0
<b>RUSSELLVILLE FEED COMPANY, RUSSELLVILLE, KENTUCKY</b>														
** Big (R) Brand 40% Protein Hog Concentrate	40.0	<u>37.4</u>	2.5	5.7	9.0	7.5	2.0	5.0	1.0	2.1	.0002	---	2.0	1.8**
Very much below guarantee in protein														
<b>A. E. STALEY MFG. COMPANY, DECATUR, ILLINOIS</b>														
Staley's 34% Layer Concentrate	34.0	38.3	2.0	3.4	9.0	4.9	4.0	4.1	1.6	1.7	.002	---	1.5	1.7
Staley's 35% Hog Concentrate	35.0	39.7	1.0	2.6	8.0	5.5	3.0	3.0	1.6	1.2	.002	---	2.5	2.5

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

## REPORT OF OFFICIAL FEED SAMPLES ANALYZED

January, February and March, 1955

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
<b>H. T. ADAMS CO., HARRODSBURG, KENTUCKY</b>						
** "Hopper" Stock Feed	12.0	14.5	3.5	<u>2.6</u>	6.0	<u>8.1**</u>
Very much above guarantee in fiber						
Contained unground weed seeds						
** "Hopper" Stock Feed	12.0	15.9	3.5	3.3	6.0	<u>7.5**</u>
<b>ALBANY MILLS, ALBANY, KENTUCKY</b>						
Clinton 20% Dairy Feed	20.0	20.3	3.5	3.1	9.5	5.4
<b>ALLIED MILLS, INC., CHICAGO, ILLINOIS</b>						
** 3-Nitro-4-Hydroxyphenylarsonic Acid Mixture in Rocket Broiler Feed	20.0	22.2	3.0	<u>2.0</u>	4.0	3.4**
** Wayne Egg Mash	20.0	22.5	3.0	3.6	5.5	<u>6.6**</u>
Wayne Mash Layer	20.0	21.9	3.0	3.4	7.0	6.6
Wayne 16% Dairy Feed	16.0	18.9	3.0	3.0	9.0	6.2
Sugarine 16% Dairy Feed	16.0	20.0	2.5	4.3	11.0	10.5
Wayne Dehydrated Alfalfa Meal 17%	17.0	17.1	1.7	2.3	27.0	20.9
<b>ANDERSON &amp; SPILLMAN, DANVILLE, KENTUCKY</b>						
Snow Flake Feed	12.5	12.2	3.5	3.0	8.0	5.0
<b>ARCADY FARMS MILLING CO., CHICAGO 6, ILLINOIS</b>						
Diethylstilbestrol Mixture in Arcady Fattener Pellets	18.0	20.3	3.0	4.0	12.0	9.7
<b>ARKANSAS VALLEY ALFALFA MILLING CO., WILEY, COLORADO</b>						
17% Dehydrated Alfalfa Meal	17.0	19.3	1.7	2.5	27.0	22.6
<b>THE C. T. ASHLEY CO., NICHOLASVILLE, KENTUCKY</b>						
Big A Brand Special 16% Dairy Feed	16.0	19.1	3.0	2.6	12.0	5.3
<b>AUBREY FEED MILLS, INC., LOUISVILLE, KENTUCKY</b>						
Red "A" All Mash Starter & Grower Mash	20.0	23.1	3.5	3.5	7.0	5.0
Red "A" All Mash Starter & Grower Crumbles	20.0	22.6	3.5	3.4	7.0	5.4
Red "A" All Mash Starter & Grower Crumbles	20.0	22.7	3.5	3.4	7.0	5.5
Red "A" Laying Mash	20.0	21.9	3.0	3.0	8.0	6.0
Red "A" Laying Mash	20.0	21.7	3.0	3.1	8.0	5.8
Red "A" Laying Mash	20.0	22.3	3.0	2.9	8.0	6.3
Red "A" Laying Mash	20.0	21.0	3.0	3.0	8.0	5.7
Red "A" 32% Protein Dairy Supplement	32.0	33.0	3.0	2.9	8.5	7.0
Red "A" 24% Protein Dairy Feed	24.0	25.7	3.0	3.1	10.0	8.0
Red "A" 24% Protein Dairy Feed	24.0	24.1	3.0	4.1	10.0	7.0
Red "A" 18% Protein Dairy Feed	18.0	22.1	3.0	3.4	8.0	5.9
Red "A" 40% Hog Supplement	40.0	40.8	1.5	2.6	7.0	4.4
** Red "A" 18% Sow & Pig Feed	18.0	19.8	3.0	<u>2.4</u>	6.0	5.7**
<b>THE AUBURN MILLS, INC., AUBURN, KENTUCKY</b>						
Leader Mixed Feed	15.0	14.8	3.5	4.0	7.5	7.0

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>AUGIE'S HATCHERY, MADISONVILLE, KENTUCKY</b>						
Nitrosal in "Augie's Quality Brand" Chick Starter	20.0	20.4	3.0	4.0	7.0	4.6
<b>BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY</b>						
Harrison's Nat-Ur-Way Brand 18% Protein Starter and Grower Mash	18.0	19.7	3.5	4.6	7.0	5.2
Harrison's Nat-Ur-Way 24% Protein Dairy Feed	24.0	26.5	2.5	2.2	10.0	7.8
** Harrison's Nat-Ur-Way 18% Dairy Feed	18.0	20.6	3.5	<u>2.6</u>	10.0	7.3**
<b>BALLARD &amp; BALLARD, DIV. OF PILLSBURY, LOUISVILLE, KENTUCKY</b>						
Ballard's Wheat Brown Shorts with Ground Wheat Screenings	16.0	17.2	3.5	4.4	7.5	6.9
Ballard's Wheat Brown Shorts with Ground Wheat Screenings	16.0	16.3	3.5	4.3	7.5	5.7
<b>BALLENGER BROKERAGE COMPANY, NASHVILLE, TENNESSEE</b>						
** Urea Feed Concentrate	82.0	82.5	.5	---	21.0	<u>22.2**</u>
B & B 82% Protein Urea & Oat Mill By-Product Mixture	82.0	86.0	.7	.7	19.0	16.9
<b>BARNETT-SULLIVAN CO., HARRODSBURG, KENTUCKY</b>						
** "Blue Ribbon Brand" 16% Dairy Feed	16.0	18.5	3.0	<u>2.2</u>	10.0	5.3**
"Blue Ribbon Brand" 16% Dairy Feed	16.0	18.1	2.5	<u>2.3</u>	10.0	7.0
<b>BARRY-CARTER MILLING CO., LEBANON, TENNESSEE</b>						
** Liberty 16% Dairy Feed Contained Rice hulls	16.0	15.7	2.5	2.6	15.0	15.3**
** Liberty 16% Dairy Feed	16.0	<u>15.3</u>	2.5	2.7	15.0	<u>15.6**</u>
Fortune Dandy Mixed Feed	10.0	10.9	3.0	3.7	14.0	8.9
<b>BARTON DISTILLING COMPANY, BARDSTOWN, KENTUCKY</b>						
Corn Distillers Dried Grains	25.5	27.6	7.0	8.6	13.0	8.1
<b>BAUGHMAN MILLING CO., STANFORD, KENTUCKY</b>						
Banner Mixed Feed	11.0	11.9	3.5	4.1	11.0	7.6
<b>BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY</b>						
Eureka 32% Dairy Supplement	32.0	33.6	3.0	2.8	10.0	7.5
** Eureka 24% Dairy Feed (With Urea)	24.0	24.0	3.0	<u>2.2</u>	10.0	8.0**
Sweet Miss 16% Dairy Feed	16.0	15.6	2.5	<u>2.4</u>	12.0	8.0
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY</b>						
Big Four 24% Dairy Feed	24.0	26.7	3.0	3.0	12.0	8.8
Hi-Lo 24% Dairy Feed	24.0	25.6	2.5	4.2	12.0	10.5
** Hi-Lo 24% Dairy Feed	24.0	<u>23.0</u>	2.5	2.2	12.0	11.4**
Hi-Lo 24% Dairy Feed	24.0	<u>24.0</u>	2.5	2.0	12.0	12.4
** Big Four 20% Protein Dairy Feed	20.0	23.3	3.0	<u>1.8</u>	12.5	10.1**
** O. K. 16% Dairy Feed Contained unground weed seeds	16.0	19.6	2.5	<u>2.1</u>	15.0	12.5**

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>BIG FOUR MILLS, COVINGTON, KENTUCKY (Con't)</b>						
O. K. 16% Dairy Feed	16.0	18.5	2.5	2.5	15.0	10.3
O. K. 16% Dairy Feed	16.0	18.2	2.5	2.7	15.0	13.2
O. K. 16% Dairy Feed	16.0	17.3	2.5	2.1	15.0	12.0
** O. K. 16% Dairy Feed	16.0	16.3	2.5	<u>1.9</u>	15.0	12.5**
<b>BIRDS EYE DIVISION, GENERAL FOODS, CORP., WOBURN, MASSACHUSETTS</b>						
ABPACO Special Fish Blend	55.0	59.7	7.0	14.9	2.0	.8
<b>BOYLE PACKING CO., DANVILLE, KENTUCKY</b>						
Pride of Boyle Tankage	45.0	45.7	15.0	18.5	3.0	2.0
<b>BROCK BROS. GRAIN CO., MAYSVILLE, KENTUCKY</b>						
24% Protein Dried Brewers Grains & Molasses	24.0	25.3	6.0	6.0	15.0	11.9
<b>THE BRODE CORPORATION, MEMPHIS, TENNESSEE</b>						
Owl Brand 41% Cottonseed Meal	41.0	40.7	3.0	5.6	14.0	13.0
Owl Brand 41% Cottonseed Meal	41.0	41.3	3.0	3.7	14.0	9.2
<b>THE BUCKEYE COTTON OIL CO., CINCINNATI, OHIO</b>						
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal	44.0	49.4	.5	1.4	7.0	5.1
<b>BUGG BROS. FEED &amp; SUPPLY COMPANY, CLINTON, KENTUCKY</b>						
Bugg Bros. Mixed Feed	10.0	12.6	3.0	3.0	6.0	2.7
Ear Corn Chops with Husks	7.5	9.7	3.5	3.1	9.0	6.0
<b>BUHNER &amp; COMPANY, LOUISVILLE, KENTUCKY</b>						
Happy Farmer 20% Protein Laying Mash	20.0	21.9	2.5	4.2	8.0	6.5
** Magnolia Sweet 16% Dairy Feed	16.0	18.2	2.5	3.6	15.0	14.4**
0.27% excess non-protein nitrogen from Urea						
Magnolia Sweet 16% Dairy Feed	16.0	18.0	2.5	3.8	15.0	13.4
Buhner's Special Wheat Bran & Screenings	14.0	16.4	3.5	4.1	11.0	9.3
Buhner's 44% Protein Solvent Soybean Oil Meal	44.0	46.1	.5	.5	8.0	5.2
<b>BUNDY BROS. MILL CO., MEDORA, INDIANA</b>						
"Monarch" 18% Protein Laying Mash	18.0	19.8	4.0	3.8	7.0	5.9
<b>BUSH BROS. &amp; COMPANY, CLINTON, TENNESSEE</b>						
Bush's Tony Dog & Cat Food	11.0	11.3	2.0	2.0	1.5	1.0
Bush's Tony Dog & Cat Food	11.0	11.3	2.0	1.7	1.5	1.0
<b>CADIZ MILLING CO., CADIZ, KENTUCKY</b>						
** Sunbeam 20% Laying Mash	20.0	<u>19.4</u>	2.5	3.4	7.0	6.0**
** Diethylstilbestrol in 35% Cattle Supplement	35.0	35.8	3.0	<u>1.6</u>	10.0	10.0**
Sunbeam Wheat Grey Shorts and Screenings	14.0	13.6	3.0	3.2	6.0	4.6

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
C. W. CANN, CLARKSON, KENTUCKY Cann's 20% Laying Mash	20.0	22.1	3.0	4.6	8.0	7.6
CARDINAL FOOD PRODUCTS INC., ST. LOUIS, MISSOURI ** Pointer Dog Food	8.0	9.1	2.0	<u>1.1</u>	1.5	1.4**
CARGILL, INC., MINNEAPOLIS, MINNESOTA Cargill Solvent Extracted Linseed Oil Meal	36.0	36.8	.5	3.3	9.5	8.4
CARLISLE MILL & SUPPLY CO., CARLISLE, KENTUCKY Old Kentucky 16% Dairy Feed	16.0	16.1	2.5	3.3	9.0	6.4
CASH ECONOMY, McKENZIE, TENNESSEE Keco Dog Food	8.0	8.7	2.0	1.5	1.5	1.9
CENTRAL SOYA CO., INC., FORT WAYNE, INDIANA Central Star Brand 44% Protein Solvent Extracted Soybean Oil Meal	44.0	46.7	.5	.8	7.0	5.0
Central Star Brand 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.1	.5	.8	7.0	5.4
CINCINNATI GRAIN & HAY CO., CINCINNATI, OHIO No-Better Brand 16% Protein Sweet Dairy Feed	16.0	18.3	3.0	3.7	11.0	8.4
CITIZENS MILLING COMPANY, SOMERSET, KENTUCKY 16% Cumberland Mixed Feed	16.0	17.4	2.5	2.7	10.0	7.0
CLELL COLEMAN & SONS, BURGIN, KENTUCKY ** Coleman's Hominy Feed	10.0	9.9	7.0	6.6	6.0	<u>6.9**</u>
CLIFTY FALLS MILLS, MADISON, INDIANA Clifty Falls 17% Protein Starter & Grower	17.0	18.2	3.0	4.8	7.0	6.1
Clifty Falls 24% Protein Cow Feed	24.0	26.9	2.5	2.6	10.0	9.3
** Clifty Falls 20% Protein Dairy Feed	20.0	20.2	3.0	<u>2.3</u>	12.0	6.9**
Contained mixed screenings 16% Protein Green Pasture Dairy Feed	16.0	19.1	2.5	2.6	10.0	8.5
CLINTON MILLING CO., INC., CLINTON, KENTUCKY Climco 16% Dairy Feed	16.0	18.3	3.0	2.8	13.0	7.2
Climco Pig Starter	18.0	20.4	3.0	3.0	6.0	2.7
Climco 16 1/2% Protein Hog & Pig Feed	16.5	16.2	4.0	4.6	6.0	5.1
** Climco Custom Mix Steer Feed	7.0	7.8	4.0	<u>.6</u>	10.0	<u>17.2**</u>
Very much below guarantee in fat and above guarantee in fiber. Misbranded						
Climco Brand Hominy Feed	10.0	11.8	7.0	8.2	6.0	4.2
COAST FISHERIES, DIV. OF QUAKER OATS CO., WILMINGTON, CALIFORNIA Puss'n Boots Cat Food	12.0	12.2	2.0	2.4	1.0	1.0
Puss'n Boots Cat Food	12.0	11.9	2.0	3.0	1.0	1.0

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>COLBY MILLING, INC., COLBY, WISCONSIN</b>						
** Colby Pulverized Mill Oats	11.0	11.8	3.5	4.0	15.0	<u>16.6**</u>
Contained Ground Weed Seeds						
Colby Pulverized White Oats	11.5	10.8	3.5	<u>3.6</u>	12.5	12.7**
Contained Ground Weed Seeds						
<b>COMMUNITY MILLING CO., IRVINGTON, KENTUCKY</b>						
"Our Pride" 20% Dairy Feed	20.0	21.4	2.5	2.5	10.0	9.8
** "Our Pride" 16% Dairy Feed	16.0	16.7	2.5	<u>1.9</u>	15.0	13.5**
"Our Pride" 16% Dairy Feed	16.0	17.6	2.5	<u>2.1</u>	15.0	11.2
"Our Pride" Horse & Mule Feed	9.0	10.0	3.0	3.1	8.0	3.1
<b>COOPERATIVE MILLS, INC., CINCINNATI, OHIO</b>						
Egg Maker	20.0	20.4	3.0	5.4	8.0	6.1
Egg Maker	20.0	21.5	3.0	4.5	8.0	5.6
Super Laying Mash	20.0	21.7	3.0	5.4	6.5	5.7
Super Laying Mash	20.0	23.0	3.0	5.0	6.5	5.0
Super Laying Mash	20.0	22.7	3.0	5.6	6.5	5.8
32% Milk Maker	32.0	34.1	2.5	2.5	10.0	7.9
32% Dairy Supplement	32.0	32.2	2.5	3.2	11.0	9.4
16% Milk Maker	16.0	19.3	3.0	4.8	10.0	8.0
16% Milk Maker	16.0	19.5	3.5	4.2	10.0	8.2
16% Utility Dairy	16.0	18.4	3.0	3.1	15.0	13.4
16% Utility Dairy	16.0	18.6	3.0	2.8	15.0	11.2
16% Utility Dairy	16.0	19.1	3.0	3.4	15.0	11.6
16% Pasture Dairy	16.0	20.0	3.0	5.1	11.0	10.0
Fitting Feed	13.0	13.9	3.5	3.4	10.0	7.1
Calf Developer	18.0	19.5	4.0	4.0	8.0	6.9
Calf Developer	18.0	19.3	4.0	5.7	8.0	6.7
40% Pork Maker	40.0	41.3	3.5	5.7	6.0	4.5
40% Pork Maker	40.0	42.4	3.0	6.3	6.0	4.4
20% Sow & Pig Feed	20.0	22.5	3.5	6.3	6.0	5.1
15% Pork Maker	15.0	15.2	3.5	4.6	8.0	4.3
Red Ranger Dog Food	24.0	25.0	4.0	8.5	5.0	3.7
<b>CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY</b>						
Crescent 32% Protein Dairy Supplement	32.0	33.8	3.0	3.8	8.0	6.0
** Crescent 16% Dairy Feed	16.0	15.5	3.0	<u>1.9</u>	12.0	5.7**
Henry's 16% Dairy Feed	16.0	17.4	3.0	<u>3.3</u>	15.0	10.4
** Crescent Stock Feed	14.0	14.7	3.0	3.2	6.0	4.1**
Contained unground weed seeds						
<b>CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY</b>						
"Custom Maid" 20% Protein Laying Mash	20.0	21.6	3.0	4.5	6.5	6.5
"Custom Maid" 16% Dairy Feed	16.0	18.4	2.5	2.7	8.5	7.1
<b>W. B. DASHIELL CO., MEMPHIS, TENNESSEE</b>						
"Dashiell Brand" 41% Protein Cottonseed Meal	41.0	40.8	3.0	4.6	14.0	12.6

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>DEARBORN MILLS, AURORA, INDIANA</b>						
Dearborn 20% Starter & Grower	20.0	21.1	3.0	3.7	7.0	6.3
18 1/2% Protein All Mash Starter & Grower	18.5	19.8	3.5	4.1	5.5	4.9
Dearborn Sweet 16% Dairy	16.0	18.3	2.5	3.2	15.0	13.6
Dearborn Horse & Mule Feed	9.0	10.8	2.5	3.6	12.5	7.6
<b>DECATUR SOY PRODUCTS COMPANY, DECATUR, ILLINOIS</b>						
Illini Brand 43% Soybean Oil Meal	43.0	43.8	4.0	7.4	7.0	5.6
Illini Brand 43% Soybean Oil Meal	43.0	43.9	4.0	7.6	7.0	5.7
<b>DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS</b>						
Dixie 24% Dairy Feed	24.0	26.4	2.5	2.3	12.0	7.4
Dixie Dog Food	25.0	25.6	4.5	6.4	3.5	2.2
<b>DIXIE TREAT SALES CO., JACKSON, TENNESSEE</b>						
** Dixie Treat 40% Hog Supplement	40.0	38.9	4.0	6.9	8.0	9.3**
Dixie Treat Hominy Feed	9.0	10.9	6.0	8.8	7.0	4.3
<b>DUNCAN-HUGHES &amp; COMPANY, LAGRANGE, KENTUCKY</b>						
Dairymaid 32% Protein Dairy Feed Supplement	32.0	33.0	3.0	2.8	10.0	7.3
<b>DYERSBURG OIL MILL COMPANY, DYERSBURG, TENNESSEE</b>						
Star Brand 41% Cottonseed Meal	41.0	40.7	3.0	3.8	14.0	12.2
<b>THE EARLY &amp; DANIEL CO., CINCINNATI, OHIO</b>						
Chlorotetracycline (Aureomycin and oxytetracycline (Terramycin) mixture in Tuxedo Pickup	20.0	21.6	3.0	4.5	5.5	5.6
Tuxedo Starter, Grower & Developer Mash	17.0	18.3	3.0	4.8	7.0	7.2
Tuxedo Special Egg Mash	20.0	19.5	3.0	4.4	8.0	8.0
Tuxedo Special Egg Mash	20.0	19.8	3.0	4.2	8.0	8.2
Tuxedo Complete Egg Ration	16.0	16.8	3.0	2.7	7.0	6.2
Tuxedo 33% Dairy Supplement	33.0	35.4	2.0	2.8	8.5	6.8
Tuxedo 24% Dairy	24.0	24.2	3.0	3.6	10.0	9.6
Tuxedo Special 24% Dairy	24.0	24.4	3.0	3.2	12.0	8.9
** Eadan 24% Dairy	24.0	23.6	3.0	3.2	12.0	13.0**
Tuxedo 20% Dairy	20.0	21.6	3.0	3.3	9.5	7.6
Tuxedo 20% Dairy	20.0	21.2	3.0	3.7	9.5	8.6
Tuxedo 20% Dairy	20.0	21.0	3.0	3.2	9.5	8.7
** Tuxedo Special 20% Dairy	20.0	21.9	3.0	3.7	12.0	10.0**
Contained mixed screenings						
Tuxedo Dairy 18%	18.0	19.9	3.0	3.6	10.0	9.5
Tuxedo Dairy 18%	18.0	20.3	3.0	3.1	10.0	9.4
Tuxedo Dairy 16%	16.0	16.2	3.0	3.6	15.0	13.0
Tuxedo Dairy 16%	16.0	16.4	3.0	4.2	15.0	12.9
Tuxedo Chop	9.0	11.7	3.0	3.2	10.0	8.1
Tuxedo Special Chop	9.0	11.2	3.0	4.0	12.0	10.6
Tuxedo Big Forty Hog Supplement	40.0	42.0	2.5	4.0	7.0	6.1
Tuxedo Porkmaker	14.0	16.1	3.0	5.0	8.0	7.1

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE EARLY & DANIEL CO., CINCINNATI, OHIO (Con't)						
Tuxedo Porkmaker	14.0	13.9	3.0	4.9	8.0	7.3
Tuxedo Bulky Rabbit Ration	15.0	16.1	2.7	3.2	15.0	10.8
** Tuxedo "Pro-Molas" Rolls	24.0	24.0	1.0	1.2	6.0	6.0**
0.30% excess non-protein nitrogen from urea						
Tux-Sweet Rolls (45% Molasses)	11.0	15.0	1.5	1.6	9.0	6.0
Tux-Sweet Rolls (45% Molasses)	11.0	13.8	1.5	1.4	9.0	6.0
Tux-Sweet Rolls	9.0	11.5	1.5	2.4	10.0	4.7
F. L. EMMERT, CINCINNATI, OHIO						
Molasso-Malt	22.0	22.5	5.0	6.1	12.0	10.3
EMPIRE DISTRIBUTING CO., ST. LOUIS, MISSOURI						
** Empire Dog Food	8.0	8.9	2.0	<u>1.0</u>	1.5	1.2**
JOHN W. ESHELMAN & SONS, LANCASTER, PA.						
Eshelman Red Rose Starter & Grower	18.0	19.9	3.5	3.2	6.5	5.6
Red Rose 24% Dairy Feed	24.0	24.0	3.0	2.8	9.5	7.6
Red Rose 24% Dairy Feed	24.0	25.6	3.0	2.9	9.5	7.5
Eshelman Conestoga Horse Feed	9.0	10.0	3.0	3.3	10.0	4.9
Red Rose Hog Meal	16.0	19.7	3.5	4.2	8.0	7.7
EVANS INDUSTRIES INC., MARION, INDIANA						
** Bostonian Dog Food	8.0	<u>7.2</u>	2.0	<u>.5</u>	1.5	.5**
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY						
Feeders Friend Special 16% Dairy	16.0	19.1	3.0	3.4	10.0	8.3
FARMERS MILLING COMPANY, SOMERSET, KENTUCKY						
Spotlight 20% Starter-Grower All Mash	20.0	21.9	3.0	5.5	7.0	3.9
Farmers 16% Mixed Feed	16.0	16.3	3.0	3.3	10.0	9.1
FARMERS SUPPLY COMPANY, INC., DANVILLE, KENTUCKY						
"Farmo" Horse & Mule Feed	9.0	9.9	3.5	3.9	6.0	6.2
FARMERS UNION MILL, VERSAILLES, KENTUCKY						
Mixed Feed	13.0	12.9	4.5	5.2	8.5	6.6
FERNCLIFF FEED & GRAIN CO., LOUISVILLE, KENTUCKY						
Cracker Jack 20% Starting & Growing Mash	20.0	21.8	2.5	4.0	7.0	4.4
Cracker Jack Brand 24% Protein Sweet Dairy Feed	24.0	27.4	3.0	3.3	10.0	7.0
Cracker Jack Brand 24% Protein Sweet Dairy Feed	24.0	25.1	3.0	3.2	10.0	7.0
** Ferncliff 20% Dairy Feed	20.0	28.6	2.5	3.1	11.0	8.1**
1.15% excess non-protein nitrogen from urea						
Cracker Jack Horse & Mule Feed	9.0	10.3	3.0	3.9	6.0	5.0
Cracker Jack Pig & Sow Feed	18.0	22.1	3.0	3.5	6.0	5.4

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HENRY FISCHER PACKING COMPANY, LOUISVILLE, KENTUCKY						
Mellwood Brand 60% Protein Digester Tankage	60.0	63.3	5.0	8.9	2.5	2.1
FLAMBEAU MILLING COMPANY, PHILLIPS, WISCONSIN						
** Pulverized Mixed Feed Oats	11.0	10.9	4.5	4.4	14.7	15.3**
HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY						
"Producer" 20% Egg Mash	20.0	27.2	3.0	3.8	7.0	6.2
"Producer" 20% Egg Mash	20.0	22.4	3.0	3.7	7.0	6.2
** "Blue Grass" 33% Dairy Concentrate (with urea)	33.0	35.6	2.0	3.5	8.0	7.8**
1.45% excess non-protein nitrogen from urea						
"Blue Grass" 24% Dairy Feed	24.0	28.3	3.0	3.7	9.0	5.9
"Blue Grass" 24% Dairy Feed (with urea)	24.0	27.5	3.0	3.3	9.0	6.2
"Producer" 24% Protein Dairy	24.0	27.8	2.5	2.6	11.0	5.8
"Producer" 16% Dairy Feed	16.0	19.6	2.5	2.9	14.0	11.7
** "Producer" 16% Dairy Feed (with urea)	16.0	18.4	2.5	3.3	14.0	11.8**
0.36% excess non-protein nitrogen from urea						
** "Producer" 16% Dairy Feed (with urea)	16.0	19.8	2.5	2.6	14.0	11.0**
0.36% excess non-protein nitrogen from urea						
** "Blue Grass" Horse & Mule Feed	9.0	9.8	3.5	2.9	6.0	4.8**
"Blue Grass" 40% Pig & Hog Supplement	40.0	41.4	2.5	3.4	8.0	5.1
"Blue Grass" 40% Pig & Hog Supplement	40.0	39.5	2.5	3.5	8.0	7.3
** Wheat Gray Shorts & Screenings Contained mixed screenings	14.0	14.9	3.5	4.0	6.0	6.1**
GARDEN STREET MILL & ELEVATOR COMPANY, LOUISVILLE, KENTUCKY						
** Garden 16% Protein Dairy Feed	16.0	18.3	3.0	2.4	15.0	13.1**
GARRARD MILLS, LANCASTER, KENTUCKY						
"Glen Lily" Mixed Feed	12.0	12.6	3.5	4.4	6.0	5.3
GENERAL FOODS, CORPORATION, BOSTON, MASSACHUSETTS						
Jack & Jill Cat Food	17.0	17.7	.2	.6	.2	.1
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA						
Larro Surechick for Starting & Growing Chicks	20.0	20.8	3.0	4.0	6.0	4.9
Larro Sure Lay H. E. Feed for Laying Hens	20.0	20.8	2.5	3.5	7.0	6.7
Antibiotic Mix in Larro Sure Lift (Crumbled)	20.0	21.9	2.5	2.7	7.0	4.8
Larro Suremilk 32	32.0	35.7	1.5	1.4	11.0	6.2
Larro Suremilk 20	20.0	22.2	2.5	2.8	12.0	8.1
Larro Surecalf	20.0	22.4	2.5	4.2	9.0	6.7

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA (Con't)</b>						
Larro Diethylstilbestrol Mix in Surecattle 24	24.0	24.7	1.5	2.4	10.0	6.9
<b>GENERAL PACKING CO., CINCINNATI, OHIO</b>						
Vigor Dog Food	10.0	10.8	2.0	2.6	1.5	.8
<b>GERMANTOWN MILLING CO., GERMANTOWN, KENTUCKY</b>						
Mixed Feed	14.0	14.7	3.0	4.0	8.0	5.5
<b>EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA</b>						
"Big Gee Brand" 20% Protein Egg Mash	20.0	22.0	3.0	3.3	5.0	5.1
** Gay Key 18% Protein Poultry Mash	18.0	18.4	3.0	2.5	5.0	<u>7.2**</u>
Very much above guarantee in fiber						
<b>GOLDCAMP MILL COMPANY, IRONTON, OHIO</b>						
Egg-O 20% Laying Mash	20.0	21.6	3.5	3.5	7.0	7.4
** Namico Brand Wheat Middlings with Ground Screenings	16.0	<u>15.4</u>	3.5	4.1	7.0	6.9**
<b>GOLDENROD OIL MEAL SALES CO., MEMPHIS, TENNESSEE</b>						
Goldenrod 41% Protein Cottonseed Meal	41.0	41.4	3.0	3.8	14.0	12.3
Goldenrod 41% Protein Cottonseed Meal	41.0	40.9	3.0	3.6	14.0	12.5
<b>GWINN BROS. &amp; COMPANY, HUNTINGTON, WEST VIRGINIA</b>						
Gwinn's Merit Brand 20% Laying Mash	20.0	20.9	3.0	4.3	8.0	4.3
Gwinn's 20% Merit Lay Mash	20.0	20.2	3.0	4.0	8.0	6.0
Sweet Acre 24% Dairy Feed	24.0	25.7	2.5	3.0	15.0	10.8
<b>HALES &amp; HUNTER COMPANY, CHICAGO, ILLINOIS</b>						
Red Comb Turkey Starter	28.0	29.2	3.0	4.7	6.0	5.1
Red Comb Growing Mash	18.0	20.6	3.0	5.5	7.0	6.3
Red Comb Egg Mash	20.0	21.3	3.0	4.0	6.5	6.7
Pioneer 18% Dairy	18.0	18.7	3.0	3.1	9.0	6.6
Lucky Dog Food	25.0	30.2	3.0	3.1	6.0	2.7
Lucky Dog Food	25.0	29.8	6.0	6.5	6.0	2.8
<b>HANCOCK &amp; FRANKLIN MILLS, LOUISVILLE, KENTUCKY</b>						
"Arrow" 24% Protein Dairy Feed	24.0	27.1	2.5	3.3	11.0	6.3
"Arrow" 24% Dairy Feed	24.0	30.2	2.5	3.5	10.0	7.0
"Arrow" Special 24% Dairy Feed	24.0	28.3	3.0	3.1	9.0	6.3
<b>HARDIN MILLING CO., HARDIN, KENTUCKY</b>						
** Marco 40% Protein Hog Supplement	40.0	40.4	4.0	4.3	7.0	<u>8.8**</u>
<b>HARDY BROS. MILLS, BUTLER AND WALTON, KENTUCKY</b>						
** Master 16% Dairy	16.0	18.5	3.0	<u>2.0</u>	10.0	6.3**
<b>R. L. HARRISON &amp; SONS, BAGDAD, KENTUCKY</b>						
Harrison's 95% Grain Horse & Mule Feed	9.0	10.1	3.5	3.0	7.0	4.4

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE P. H. HARSHA MILLING CO., PORTSMOUTH, OHIO						
"Harsa's Dixie Sweet Brand" 24% Dairy Feed	24.0	26.0	3.0	2.9	12.0	10.2
HEAVIN HILL DISTILLERIES, INC., BARDSTOWN, KENTUCKY						
Corn Distillers Dried Grains	26.0	29.0	8.0	8.2	14.0	9.6
HENDERSON FEED & COMMISSION CO., HENERSON, KENTUCKY						
"Jim Dandy" Brand 18% Protein Poultry Ration (All Purpose All-Mash)	18.0	19.9	3.0	3.8	5.5	4.3
DR. HEINZ CO., INC., WASHINGTON C. H., OHIO						
Heinz Nu-Way 20% Laying Mash	20.0	21.1	3.5	4.5	6.0	6.4
Heinz Nu-Way All-Mash Laying Ration	18.0	19.7	3.0	4.3	6.5	6.2
** Heinz Nu-Way All-Mash Laying Ration	18.0	20.1	3.0	3.6	6.5	6.0**
Contained feathers and excess oat hulls						
Heinz Nu-Way 34% Dairy Supplement	34.0	34.7	2.0	2.3	8.0	7.0
Heinz Nu-Way Dog Food Meal	24.0	28.2	4.0	6.7	4.0	2.8
THE HEYMAN CO., INC., MEMPHIS, TENNESSEE						
** "Yellow Hammer Brand" 41% Protein Cottonseed Meal	41.0	40.9	5.0	<u>3.3</u>	13.0	<u>13.8**</u>
HICKMAN COUNTY FEED MILL, CLINTON, KENTUCKY						
"Standard Brand" Mixed Feed	10.0	14.7	4.0	5.3	6.0	3.8
HILL PACKING CO., TOPEKA, KANSAS						
** Hill's Dog Food	12.0	12.6	3.0	7.8	1.0	.6**
Excess fat						
T. G. HILL & COMPANY, ATLANTA, GEORGIA						
T. G. Hill's 41% Protein Cottonseed Meal	41.0	40.7	4.0	4.2	13.0	12.9
HODGENVILLE ROLLER MILL, HODGENVILLE, KENTUCKY						
Lincoln Mixed Feed	14.0	13.8	4.0	3.8	8.0	5.4
HOME MILLING CO., GREENVILLE, KENTUCKY						
Happy Home 18% Layer Mash	18.0	17.7	3.5	4.6	7.5	4.8
IGLEHEART BROS., DIV. GENERAL FOODS CORP., EVANSVILLE 7, INDIANA						
Wheat Gray Shorts with Ground Wheat Screenings	14.0	14.9	3.5	4.5	6.0	5.0
** Wheat Feed with Ground Wheat Screenings	15.5	<u>14.2</u>	4.0	3.8	9.5	7.0**
** Wheat Feed with Ground Wheat Screenings	15.5	<u>14.8</u>	4.0	4.1	9.5	6.3**
INTERSTATE FOODS OF AMERICA, BEDFORD, OHIO						
ABC Diet 1 Dog Food	10.0	10.6	2.0	2.8	1.2	1.1

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>JASPER MILLING CO., SCIENCE HILL, KENTUCKY</b>						
Scratch Feed	8.0	9.1	2.5	2.8	5.0	2.4
<b>T. A. JONES &amp; SONS, PADUCAH, KENTUCKY</b>						
** Jones' 48% Protein Tankage	48.0	<u>36.9</u>	14.0	33.4	5.0	3.1**
Very much below guarantee in protein						
Very high in fat						
Contained excess hair and stomach contents						
Misbranded						
<b>KECO MILLING CO., MCKENZIE, TENNESSEE</b>						
Keco 16% Milking Feed	16.0	17.5	2.5	3.9	11.0	8.1
<b>SPENCER KELLOGG &amp; SONS, INC., DECATUR, ILLINOIS</b>						
Spencer Kellogg's Solvent Extracted Soybean Oil Meal	44.0	47.3	.5	.9	7.0	6.4
<b>KENTUCKY CHEMICAL INDUSTRIES, CINCINNATI, OHIO</b>						
** K-C Special 60% Protein Digester Tankage	60.0	<u>59.0</u>	4.0	7.1	3.0	2.5**
<b>LAKE COUNTY OIL MILL, TIPTONVILLE, TENNESSEE</b>						
** 41% Protein Cottonseed Meal	41.0	41.3	4.0	4.2	10.0	<u>11.6**</u>
** Prime 41% Protein Cottonseed Meal	41.0	42.2	4.0	3.8	10.0	<u>12.1**</u>
** Prime 41% Protein Cottonseed Meal	41.0	41.1	4.0	4.2	10.0	<u>12.1**</u>
** Prime 41% Protein Cottonseed Meal	41.0	42.2	4.0	4.5	10.0	<u>12.0**</u>
<b>LEXINGTON ROLLER MILLS, INC., LEXINGTON, KENTUCKY</b>						
"Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing Mash	20.0	19.7	3.5	5.4	6.0	6.5
** "Thoroughbred Brand" (Kentucky Queen) 20% Protein Starting & Growing All Mash	20.0	21.7	3.5	3.9	6.0	<u>7.1**</u>
"Thoroughbred" 20% Protein Egg Mash	20.0	21.5	4.0	4.2	8.0	<u>5.9</u>
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	24.2	3.0	3.0	8.0	6.7
"Thoroughbred Brand" 20% Protein Sweet Dairy Feed	20.0	22.9	3.0	3.3	9.0	7.6
"Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	18.1	3.0	3.0	10.0	7.4
** "Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	19.4	3.0	<u>1.7</u>	15.0	<u>16.4**</u>
1.59% excess non-protein nitrogen from urea						
** "Sweet Sue" 16% Protein Dairy Feed	16.0	16.8	3.0	<u>1.2</u>	15.0	15.0**
<b>LOFTON'S MILL, PROVIDENCE, KENTUCKY</b>						
"Farmers Sweet Brand" 24% Protein Dairy Feed	24.0	23.6	3.0	3.4	10.0	9.4

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>LOVELACEVILLE FEED MILL, LOVELACEVILLE, KENTUCKY</b>						
Crushed Ear Corn & Shuck	7.0	8.9	3.0	3.0	11.0	7.6
<b>LOWES FEED &amp; HATCHERY, BOWLING GREEN, KENTUCKY</b>						
"Milk Flo" 16% Dairy Feed	16.0	16.6	3.0	3.0	9.0	6.7
<b>McMILLEN FEED MILLS, FORT WAYNE, INDIANA</b>						
Master Mix 16% Dairy Feed	16.0	18.9	2.5	2.3	9.0	6.5
Master Mix Horse Feed	10.0	14.2	3.0	2.9	9.0	6.1
Master Mix Pig Concentrate	38.0	41.2	1.5	2.7	10.0	6.8
<b>MADISONVILLE GRAIN &amp; ELEVATOR CO., MADISONVILLE, KENTUCKY</b>						
Horse & Mule Feed	10.0	9.9	3.2	4.0	10.0	4.8
<b>MARKIN FEED COMPANY, IRONTON, OHIO</b>						
** Markin Special 16% Protein Dairy Feed	16.0	18.7	2.5	2.1	15.0	13.2**
Contained unground weed seeds						
<b>MAYFIELD MILLING CO., INC., MAYFIELD, KENTUCKY</b>						
Double "M" Economy Dairy Feed	16.0	17.2	2.5	2.0	14.0	9.3
<b>MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY</b>						
"State Leader Brand" 18% Protein Pig & Sow Feed	18.0	19.3	3.0	4.1	6.0	5.3
<b>THE MENNEL MILLING CO., TOLEDO, OHIO</b>						
Memo Wheat Gray Middlings with Screenings	15.0	16.2	4.0	5.8	6.0	6.1
<b>MIDDLESBORO MILLING CO., MIDDLESBORO, KENTUCKY</b>						
"Reliable Brand" 24% Protein Dairy Feed	24.0	26.5	4.0	3.7	12.0	9.9
<b>MIDGET MILLS, SOMERSET, KENTUCKY</b>						
13% Protein Stock Feed	13.0	14.3	2.5	3.8	9.0	6.4
<b>S. E. MIGHTON COMPANY, BEDFORD, OHIO</b>						
Pet Dog Food (For Dogs, Puppies, & Cats)	10.0	10.0	2.0	2.9	1.0	1.4
** Doggie Dinner Dog Food	10.0	10.9	2.0	2.8	1.0	<u>1.6**</u>
<b>MOHAWK ROLLER MILLS, MOHAWK, TENNESSEE</b>						
Mohawk Scratch Feed	8.0	9.0	2.0	2.9	4.0	2.1
<b>MOORMAN MANUFACTURING CO., QUINCY, ILLINOIS</b>						
Moorman's Creep Concentrate (for Pigs)	24.0	26.6	3.0	5.1	3.8	3.4
<b>MYERS &amp; CLARK CO., INC., ASHLAND, KENTUCKY</b>						
Ideal Brand 20% Protein Laying Mash	20.0	21.9	3.0	4.6	8.0	6.2
Mj Choice Brand 18% Protein Laying Mash	18.0	21.2	3.0	5.2	8.0	6.7

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>MYERS &amp; CLARK CO., INC., ASHLAND, KENTUCKY, (Con't)</b>						
** 16% Mi Choice Brand Dairy Feed	16.0	18.9	2.5	3.8	15.0	<u>16.2**</u>
'Ideal Brand' 85% Grain Horse & Mule Feed	10.0	10.5	3.0	3.9	12.0	5.8
<b>NASHVILLE COTTON OIL MILL CORP., NASHVILLE, TENNESSEE</b>						
41% Protein Cottonseed Meal	41.0	42.3	3.0	3.3	13.0	13.0
** 41% Protein Cottonseed Meal	41.0	40.8	3.0	2.8	13.0	<u>14.0**</u>
<b>NATIONAL PACKING CO., GREENVILLE, MISSISSIPPI</b>						
Kam Dog Food	13.0	12.8	2.0	5.0	1.0	.2
<b>NATIONAL OATS CO., E. ST. LOUIS, ILLINOIS</b>						
Corno Cattle Supplement "A"	30.0	31.4	1.0	2.0	8.5	6.7
<b>OELWEIN CHEMICAL COMPANY, OELWEIN, IOWA</b>						
** Occo Trate 40 for Hogs	40.0	39.7	2.0	4.5	8.0	<u>8.8**</u>
<b>OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY</b>						
Cardinal 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.6	.5	1.1	7.0	7.1
Cardinal 44% Protein Solvent Extracted Soybean Oil Meal	44.0	46.6	.5	1.2	7.0	6.7
<b>OWENSBORO GRAIN CO., INC., OWENSBORO, KENTUCKY</b>						
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.7	.5	.8	7.0	7.0
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.4	.5	.5	7.0	4.9
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.6	.5	.8	7.0	5.8
<b>OWENSBORO MILLING CO., OWENSBORO, KENTUCKY</b>						
Tru-Test All Purpose Mash	17.5	18.3	3.5	4.6	7.0	5.3
Sugar Lassie Dairy Feed	16.0	20.4	2.5	2.3	15.0	8.0
Tru-Test 32% Beef Cattle Supplement	32.0	31.9	2.0	1.9	8.0	7.4
<b>ORLEANS CANDY CO., CHICAGO 5, ILLINOIS</b>						
Lolli-pups	25.0	26.1	2.5	2.7	1.5	1.3
<b>PERK DOG FOOD COMPANY, CHICAGO, ILLINOIS</b>						
** Peak 100% Horse Meat Dog Food Excess fat	17.0	17.6	3.5	<u>9.7</u>	1.0	.2**
** Peak 100% Horse Meat Dog Food Excess fat	17.0	19.8	3.5	<u>16.8</u>	1.0	.2**
<b>PILLSBURY MILLS, INC., CLINTON, IOWA</b>						
Pillsbury's Best Laying Mash	20.0	20.4	3.0	3.5	8.0	6.2
Pillsbury's Champion Egg Producer	20.0	21.1	3.0	4.3	8.0	6.6
Pillsbury's Best 20% Dairy Feed	20.0	20.5	3.0	2.9	9.0	7.7
Pillsbury's Best 20% Dairy Feed	20.0	20.5	3.0	3.2	9.0	8.1
Pillsbury's Best 16% Dairy Feed	16.0	19.1	3.0	3.2	9.0	7.9
Dutch Maid 16% Dairy Feed	16.0	15.8	2.5	2.4	15.0	11.2

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>PILLSBURY MILLS, INC., CLINTON, IOWA (Con't)</b>						
Dutch Maid 16% Dairy Feed	16.0	17.3	3.0	2.8	14.0	9.4
Pillsbury's Best Horse Feed	9.0	10.8	2.5	2.3	9.0	4.6
Pillsbury's Best Horse Breeders Special	11.0	12.1	2.5	3.3	9.0	5.7
** Maxi-Meal Hog Concentrate	32.0	<u>30.7</u>	2.0	3.7	6.5	4.9**
Pillsbury's Best Sow Ration	18.0	<u>19.9</u>	3.0	4.2	6.0	5.8
Pillsbury's Best Sow Ration	18.0	20.4	3.0	4.0	6.0	6.1
Pillsbury's Best Sow Ration	18.0	19.0	3.0	4.0	6.0	6.0
** Pillsbury's Best Sow Ration	18.0	18.7	3.0	4.5	6.0	<u>7.0**</u>
Pillsbury's Best Sow Ration	18.0	19.5	3.0	3.2	6.0	<u>6.0</u>
Pillsbury's Best Dog Food	24.0	25.9	5.0	6.1	4.5	4.4
Pillsbury's Soft Wheat Mixed Feed with Ground Wheat Screenings	13.5	15.2	3.0	3.8	9.5	7.5
** 41% Protein Cottonseed Meal (Solvent)	41.0	<u>40.4</u>	1.5	2.7	13.0	11.4**
<b>PLANTERS MANUFACTURING COMPANY, CLARKSDALE, MISSISSIPPI</b>						
41% Protein Solvent Extracted Cottonseed Meal	41.0	42.3	.5	1.5	14.0	12.8
41% Protein Solvent Extracted Cottonseed Meal	41.0	42.1	.5	.9	14.0	14.0
<b>PRINCETON MILLS, PRINCETON, KENTUCKY</b>						
** Chowmix 16% Dairy Feed B	16.0	<u>13.7</u>	3.0	1.6	15.0	10.9**
Contained unground weed seeds						
<b>PROVICO FEED &amp; CONCENTRATES, CINCINNATI, OHIO</b>						
Provico Starter & Grower	20.0	20.6	3.0	4.7	7.0	5.1
<b>THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS</b>						
Ful-O-Pep Laying Mash	20.0	20.5	3.0	4.0	8.0	7.9
Ful-O-Pep Egg-Breeder Mash	20.0	20.3	3.5	4.5	8.0	7.1
Quaker 16% Dairy Feed	16.0	17.1	2.5	2.8	15.0	8.5
Quaker 16% Dairy Feed	16.0	17.5	2.5	2.4	15.0	10.1
Ful-O-Pep Milking Feed	16.0	16.5	2.5	2.7	11.0	7.8
Ful-O-Pep Horse Feed	11.0	11.7	3.0	3.2	8.5	6.8
Ful-O-Pep Pig-N-Sow Feed	18.0	19.2	3.0	3.9	8.0	6.2
Ken-L-Ration Dog Food	10.0	9.7	2.5	3.2	1.0	.5
** Ken-L-Ration Dog Food	10.0	9.6	2.5	<u>7.7</u>	1.0	.5**
Excess fat						
Ken-L-Ration Dog Food	10.0	9.8	2.5	5.0	1.0	.4
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI</b>						
Purina Chick Startena	20.0	22.1	3.0	3.9	5.0	4.2
Purina Lay Chow	20.0	22.3	2.5	3.5	6.5	5.9
Purina Lay Chow	20.0	21.7	2.5	3.3	6.5	5.3
Purina Dairy Chow	16.0	17.3	2.5	3.4	15.0	8.7
Purina Milk Chow	16.0	18.7	2.5	2.7	10.0	6.3
Purina Milk Chow	16.0	18.1	2.5	3.1	10.0	7.0
Purina Fat Calf Chow	14.0	18.0	2.5	3.3	8.0	6.5
Purina Diethylstilbesterol Mix in Purina Steer Fatena	32.0	32.9	2.0	1.7	10.0	8.2

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

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Con't)</b>						
Special Steer Fatena	32.0	31.9	2.0	2.5	12.0	7.7
Purina Steer Fatena G (K)	20.0	22.9	2.5	4.0	10.0	5.6
Purina Omolene	10.0	12.1	3.0	3.6	11.0	6.6
Purina Hog Chow	36.0	38.2	2.0	3.7	10.0	7.0
Purina Baby Pig Chow	18.0	19.6	4.0	5.4	3.0	2.4
Purina Pig Wormer	18.0	21.0	3.0	3.7	6.0	5.0
Purina Pig Wormer	18.0	17.7	3.0	3.8	6.0	4.5
Purina Pig Wormer	15.0	16.3	3.0	5.4	6.0	5.6
Purina Pig Wormer	15.0	17.6	3.0	4.7	6.0	5.5
<b>RENFRO SUPPLY COMPANY, WILLIAMSBURG, KENTUCKY</b>						
** Renfro 24% Dairy Feed	24.0	<u>23.3</u>	2.5	2.7	10.0	5.6**
<b>ROBINSON MILLING CO., INC., SOMERSET, KENTUCKY</b>						
Green Valley 24% Dairy Feed	24.0	23.5	3.0	2.6	14.0	10.3
** Happy Home 16% Sweet Dairy Feed	16.0	<u>12.0</u>	3.0	<u>2.1</u>	15.0	14.8**
Very much below guarantee in protein						
** Happy Home 16% Sweet Dairy Feed	16.0	<u>12.7</u>	3.0	<u>1.7</u>	15.0	15.3**
Very much below guarantee in protein						
Jersey Mixed Feed	13.0	13.1	4.5	5.1	9.0	6.3
<b>ROSS FEED COMPANY, MURRAY, KENTUCKY</b>						
"Standard Brand" 20% Laying Mash	20.0	22.8	3.5	3.4	8.0	5.8
"Standard Brand" 17% Pig & Hog Feed	17.0	19.3	3.5	3.4	6.0	5.8
<b>RUSSELL GRAIN CO., HILLIARDS, OHIO</b>						
** Russell's 24% Dairy Feed 262	24.0	25.7	3.5	<u>2.1</u>	11.0	11.4**
1.63% excess non-protein nitrogen from urea						
** Russell's 24% Dairy Feed 262	24.0	28.1	2.5	7.8	15.0	10.0**
Contained mixed screenings						
<b>RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINNESOTA</b>						
** Occident Hard Wheat Bran	14.5	16.2	4.0	<u>3.4</u>	10.0	9.0**
<b>SACRAMENTO FEED MILL, SACRAMENTO, KENTUCKY</b>						
Pannell's 16% Protein All Mash						
Laying Mash	16.0	17.9	3.0	3.8	5.0	3.8
<b>SALYERSVILLE WHOLESALE, INC., SALYERSVILLE, KENTUCKY</b>						
Quick Brand Laying Mash	20.0	21.6	3.5	4.6	8.0	6.6
<b>SCIENTIFIC MILLING CO., EAST ST. LOUIS, ILLINOIS</b>						
Scientific 16% Dairy Feed	16.0	16.9	2.5	3.0	14.0	13.3

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



MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
J. F. SCHNEIDER & SON, INC., MIDDLESBORO, KENTUCKY						
** "Cudjo Brand" 50% Protein Tankage Very much below guarantee in protein	50.0	<u>46.9</u>	10.5	10.3	2.5	1.5**
** "Cudjo Brand" 50% Protein Tankage	50.0	<u>49.0</u>	10.5	11.4	2.5	1.8**
THE SCOTT COUNTY MILLING CO., SIKESTON, MISSOURI						
Gristo Pure Wheat Bran	14.5	14.4	3.5	3.6	11.0	9.2
SOUTHERN CANNING SALES, INC., HOUSTON, TEXAS						
** Sweetreat Horse Meat Dog Food Very much below guarantee in protein	16.0	<u>13.2</u>	4.0	4.9	1.5	.9**
** Top Kick Dog & Cat Food	8.0	7.6	2.0	<u>.3</u>	1.5	1.5**
Pet-Agree Dog Food	8.0	7.6	2.0	<u>1.9</u>	1.5	1.5
THE SOUTHERN COTTON OIL CO., CULLMAN, ALABAMA						
** Sco-Co 41% Protein Cottonseed Meal	41.0	<u>38.8</u>	3.0	5.3	14.0	13.7**
Sco-Co 41% Protein Cottonseed Meal	41.0	<u>41.7</u>	5.0	5.6	13.0	12.2
STALEY MILLING COMPANY, KANSAS CITY 16, MISSOURI						
20% Hatching Egg Atoms	20.0	21.7	2.5	3.0	8.0	6.8
Four Bells Solo Egg Atoms (Egg All Mash)	15.0	15.6	2.5	2.9	7.0	5.1
Staley's Diethylstilbestrol Mix in Staley						
Karmels-S 22% Cattle Concentrate	22.0	22.8	2.5	3.4	12.0	10.0
A. E. STALEY MFG. CO., DECATUR, ILLINOIS						
Staley's Egg Mash	20.0	22.5	2.5	4.1	8.0	6.7
Staley's 21% Corn Gluten Feed	21.0	24.4	1.5	2.5	8.0	7.0
STURGIS MILLING CO., STURGIS, KENTUCKY						
Neva-Fail 16% Sweet Dairy	16.0	18.3	2.5	3.1	15.0	10.0
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY						
Sun-Ray 20% Starting & Growing All Mash	20.0	22.6	3.5	3.5	7.0	5.2
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY						
Sun-Ray 20% Starting & Growing All Mash	20.0	22.4	3.5	3.9	7.0	6.1
** "Sun-Ray" 16% Protein Dairy Feed 0.30% excess non-protein nitrogen from urea	16.0	17.9	3.5	5.0	10.0	7.0
Green Valley 16% Dairy Feed	16.0	16.3	3.0	3.6	15.0	8.8
** "Booster Brand" 16% Stock Feed	16.0	<u>15.4</u>	3.5	4.8	9.0	6.3**
SUNSHINE BISCUITS, INC., GRAFTON, OHIO						
U.M.C. Wheat Middlings with Screenings	14.0	16.1	3.5	4.5	9.5	6.8

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>SUNSHINE STORES, INC., FORT WAYNE, INDIANA</b>						
Red Feather Pig & Sow Meal	16.0	16.5	4.5	6.4	6.0	4.6
<b>SUPREME FEED MILLS, GLASGOW, KENTUCKY</b>						
Supreme 16% Dairy Feed	16.0	18.2	2.5	3.7	10.0	9.5
"Feeders Pride" 16% Protein Dairy Feed	16.0	18.3	2.5	2.3	15.0	13.4
"Feeders Pride" 16% Protein Dairy Feed	16.0	16.4	2.5	2.9	15.0	15.1
<b>D. B. SUTHERLAND &amp; SONS, BLOOMFIELD, KENTUCKY</b>						
** Kentucky Star 24% Dairy Feed	24.0	<u>21.5</u>	3.0	3.6	10.0	7.5**
Very much below guarantee in protein						
** Kentucky Star 20% Dairy Feed	20.0	<u>19.1</u>	3.0	3.9	15.0	9.3**
<b>SWIFT &amp; COMPANY, CHICAGO, ILLINOIS</b>						
Swift's 42% Protein Soybean Oil Meal	42.0	45.5	3.5	4.6	7.0	5.9
<b>TARTER'S FEED MILL, LIBERTY, KENTUCKY</b>						
"Sur-Good Brand" 16% Sweet Dairy Feed	16.0	18.0	2.5	2.6	10.0	7.0
<b>TAYLOR COUNTY IMPLEMENT &amp; FEED CO., CAMPBELLSVILLE, KENTUCKY</b>						
Economy Brand 18% Egg Mash	18.0	20.3	2.5	6.2	7.0	5.8
<b>TELL CITY FLOURING MILLS, TELL CITY, INDIANA</b>						
"Kentuck" 20% Laying Mash	20.0	20.5	3.5	4.5	8.0	5.9
<b>TILFORD &amp; WALTERS MILL, METROPOLIS, ILLINOIS</b>						
Masco 42% Dairy Mixing Supplement	42.0	45.3	1.0	1.8	7.0	6.5
Masco Pig Pre-Starter	18.0	21.8	3.0	2.8	3.0	3.0
Wheat Gray Shorts with Screenings	16.0	16.8	4.0	4.5	6.0	6.1
<b>THE UBIKO MILLING CO., CINCINNATI, OHIO</b>						
Life Guard 22% Layer	22.0	22.9	3.5	3.1	8.0	7.0
Life Guard All-Mash Laying Ration	16.0	18.5	3.5	4.4	7.0	6.9
32% Union Grains Life Guard Supple- ment (For Dairy and Beef Cattle)	32.0	36.2	1.5	3.0	8.5	7.9
16% Union Grains Life Guard Dairy Feed	16.0	18.6	2.5	3.1	12.0	7.3
Life Guard Pork Maker	14.0	14.7	4.0	6.3	8.0	6.3
<b>VITALITY MILLS, INC., CHICAGO, ILLINOIS</b>						
** Vitality Speedy 22% Beef Maker	22.0	<u>19.4</u>	1.0	1.5	11.0	8.3**
Very much below guarantee in protein						
Contained mixed screenings						
<b>WATKINS WHOLESALE GROCERY, EAST BERNSTADT, KENTUCKY</b>						
** Butterfat 24% Dairy Feed	24.0	<u>22.7</u>	2.5	2.2	12.0	9.6**
Contained mixed screenings						

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
<b>WEST NINTH STREET MILL, OWENSBORO, KENTUCKY</b>						
Ravar 20% Egg Mash	20.0	21.8	2.5	3.2	7.0	5.7
"Ravar Brand" 16% Protein Dairy Feed	16.0	22.0	3.0	3.5	9.5	5.0
Ravar Calf Feed	15.0	14.8	2.5	3.7	8.5	5.2
<b>WEST TENNESSEE SOYA MILL, TIPTONVILLE, TENNESSEE</b>						
44% Protein Solvent Extracted Soybean Oil Meal	44.0	49.2	.5	.8	7.0	4.8
<b>WISCONSIN MILLING CO., MENOMONIE, WISCONSIN</b>						
** Pulverized Mixed Feed Oats	10.5	11.6	3.0	3.2	14.5	<u>15.5**</u>

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