

KANSAS STATE AGRICULTURAL COLLEGE.

# Agricultural Experiment Station.

**Bulletin No. 195.**

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## **THE ANALYSIS AND REGISTRATION OF COMMERCIAL FEEDSTUFFS.**

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MANHATTAN, KANSAS.

DECEMBER, 1913.

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KANSAS STATE PRINTING OFFICE.

W. C. AUSTIN, State Printer.

TOPEKA, 1914.

5-1451.

## *Analysis and Registration of Commercial Feedstuffs.*

BY L. A. FITZ, in Charge Feed Control Section.

The Kansas feeding-stuffs law applies to manufacturers of and dealers in all commercial feeds, except those exempt by the law, sold, offered or exposed for sale in the state of Kansas.

### THE KANSAS FEEDING-STUFFS LAW.

The state law governing the sale of commercial feeding-stuffs requires that such feeds must be properly registered in the office of the director of the State Agricultural Experiment Station, and must be properly labeled, before they can be legally offered or exposed for sale within the state.

All registrations expire June 30 of each year, and must be renewed before the feed can be sold.

*Definition of Commercial Feeding-Stuff.*—The state law defines commercial feeding-stuffs as “all the feeding-stuffs used for feeding live stock and poultry.”

*Feeds Exempt from Registration.*—Cottonseed meal, cottonseed cake, cottonseed hulls, or other cottonseed products, whole seeds or grains, whole hays, straws and corn stover, when unmixed with other materials, and all other materials containing 60 per cent or more of water.

Manufacturers or dealers who desire to register cottonseed products may do so without expense, providing they file a reasonable guarantee.

*Feeds Requiring Registration.*—All feeds except those exempt by the law require registration and label. Some of the common feeds requiring registration are: Corn chop, wheat chop, kafir chop, oats chop; ground, cut or chopped alfalfa; bran, shorts, mill run, red dog, corn bran, corn chop and bran mixed, corn and cob meal, bran and screenings, ground screenings, oil meal, meat meal, bone meal, blood meal, tankage, all poultry feeds, all mixed feeds, etc.

*Feeds Requiring Tonnage Tax.*—Tax tag, or label, purchased from the feed-control section, must be attached to each pack-

age, lot or parcel of the following feeds: All poultry foods, linseed oil meal, linseed oil cake, or the feeding-stuff by-products of starch factories, glucose factories, cereal breakfast-food factories, breweries and distilleries, meat-packing establishments, or slaughtering houses. *No registration fee* is required on these products.

*What the Label Must Show:*

1. The name and address of the manufacturer or person responsible for placing the commodity on the market.
2. The *minimum net* weight of the contents of the package, lot or parcel.
3. The *name, brand* or *trade-mark* of the feeding-stuff contained therein.
4. The *minimum* per centum of crude protein.
5. The *minimum* per centum of crude fat.
6. The *maximum* per centum of crude fiber contained in the feeding-stuff; and
7. The *specific name* of each ingredient used in its manufacture. (Where a cheap "filler" or adulterant, such as mentioned in section 12 of the law, is used, the maximum per cent as well as the name must be plainly stated on the label.)

The following illustrates a good form of label:

99 lbs. Net Weight.

**I. X. L. FEED.**

Composed of

Alfalfa, Corn Chop, Kafir Chop, Wheat Bran, and not  
over 5% of Corn Bran.

**GUARANTY.**

Protein, not less than .....	14.5%
Fat, not less than .....	3.7%
Crude fiber, not more than .....	20.3%

Manufactured by

**JOHN DOE MILLING COMPANY,**  
Doeville, Kan.

The law requires that the minimum percentages of protein and of fat, and also the maximum percentage of crude fiber, be stated. The remainder of the substance consists largely of nitrogen-free extract, with small amounts of water and ash. The constituents of most value to the consumer are the protein, nitrogen-free extract, and fat; hence the guarantee shows the composition of the feed and indicates its feeding value.

Another requirement of the law is that the name or brand under which the feed is sold must not be false or misleading. For example, if the mill screenings are added to the bran, then this feed can not be labeled or sold as bran, but must be registered, labeled and sold as "Bran and Screenings." Furthermore, the label should not be made with the word "BRAN" in large letters and the word "screenings" in small letters. This applies to any feed with which the screenings, scourings or any other foreign materials may be mixed.

This label must be attached in a conspicuous place on the outside of the container, and must be legible. It may be printed upon the sack or other container, or may be placed upon a tag and attached to the container.

Information regarding guaranties and composition of feeds will be cheerfully furnished upon application.

This bulletin gives a list of firms who have to this date—September 30, 1913—registered feeds for the year extending from July 1, 1913, to June 30, 1914, inclusive; the names of these feeds, the guaranties, and the net weights.

This information should be filed away for future reference, as these names will not be reprinted. Supplementary sheets giving later registrations will be issued from time to time.

FEEDS REGISTERED SEPTEMBER 30, 1913.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>ABILENE, KAN.</b>				
The Security Flour Mills Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, bran and screenings.....	14.00	3.50	12.00	99
White shorts.....	15.00	4.00	6.00	99
Brown shorts.....	14.00	3.00	8.00	99
Corn chop and corn bran.....	8.00	3.00	6.00	99
<b>ALTON, KAN.</b>				
Alton Milling Co.:				
Standard shorts.....	21.15	3.00	4.04	100
Bran and wheat screenings.....	20.90	3.50	8.80	100
<b>ANTHONY, KAN.</b>				
Anthony Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, bran and screenings.....	14.00	3.50	12.00	99
Standard shorts and screenings.....	14.00	3.00	8.00	99
White shorts and screenings.....	14.00	3.00	7.00	99
Corn chop.....	9.00	3.00	5.00	99
Corn chop and corn bran.....	7.00	3.00	8.00	99
Rhodes & Reed:				
Corn chop.....	9.20	3.00	3.30	100
<b>ARKANSAS CITY, KAN.</b>				
The Arkansas City Milling Co.:				
Wheat bran, screenings, and kafir.....	16.20	3.80	8.50	99
Mill run, bran, screenings and kafir.....	16.50	3.80	3.40	99
Wheat shorts, screenings and kafir.....	17.10	4.00	4.20	99
Corn chop, corn bran and kafir.....	9.50	3.90	2.50	99
Corn chop.....	9.50	3.90	2.50	99
Kafir corn chop and corn bran.....	10.20	3.00	2.50	99
Missouri Pacific Elevator:				
Corn chop.....	8.00	2.00	5.00	99
The New Era Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, bran and screenings.....	14.00	3.50	12.00	99
Standard shorts and screenings.....	14.00	3.00	8.00	99
White shorts and screenings.....	14.00	3.00	7.00	99
Corn chop.....	9.00	3.00	5.00	99
Corn chop and corn bran.....	7.00	3.00	8.00	99
Post, Raynolds & Raynolds:				
Corn chop.....	8.00	2.80	5.00	99
W. L. Powell:				
Powell's hen feed.....	10.00	2.00	10.00	99
A. F. Raynolds:				
Raynolds' poultry feed.....	12.00	3.50	5.00	Bulk.
A. P. Turner:				
Corn chop.....	8.00	2.00	5.00	99
<b>ASHLAND, KAN.</b>				
Wallingford Bros.:				
Corn chop.....	9.20	3.00	3.00	100
<b>ATCHISON, KAN.</b>				
Armstrong Bros.:				
Arbro chicken feed.....	10.00	3.00	4.00	25, 50, 100
The Blair Milling Co.:				
Blair's corn chop.....	9.00	3.00	3.00	100
Blair's hominy feed.....	9.00	6.50	7.00	100
Blair's shorts.....	14.50	3.50	9.00	100
Blair's bran and screenings.....	14.00	3.50	11.00	100
The Cain Mill Co.:				
Corn bran.....	5.50	2.75	17.00	100
Corn chop.....	8.00	3.00	2.50	99
Cain's wheat bran and screenings.....	13.00	3.00	10.00	100
Cain's wheat shorts.....	16.00	4.00	7.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>ATCHISON, KAN.—CONCLUDED.</b>				
The Dolan Mercantile Co.:				
Sunflower brand chick feed.....	9.50	2.75	3.00	99
Crown brand chick feed.....	9.00	2.50	3.00	99
Kean & Tucker:				
Number 40 chick feed.....	9.00	2.75	3.00	99
Lukens Milling Co.:				
Bran and screenings.....	11.00	3.50	12.00	99½
Shorts.....	13.00	4.00	9.00	99½
Corn chop.....	9.00	3.50	3.50	99½
The Mangelsdorf Bros. Co.:				
Challenge brand chick feed.....	9.00	2.75	3.00	24¾, 49½, 99
Atchison brand chick feed.....	9.50	2.75	3.00	24¾, 49½, 99
Imperial brand chick feed.....	10.00	3.00	3.00	24¾, 49½, 99
Reliable brand poultry feed.....	10.00	3.00	3.00	49½, 99
S. R. Washer Grain Co.:				
Pure corn chops.....	8.00	4.00	5.50	100
<b>ATTICA, KAN.</b>				
The Attica Grain and Elevator Co.:				
Wheat chop.....	11.10	2.10	2.80	99
D. H. Hoyt & Co.:				
Corn chop.....	9.00	3.00	3.60	100
<b>AUGUSTA, KAN.</b>				
R. J. Freeman:				
Corn chop.....	9.40	3.10	3.10	100
Kafir chop.....	9.90	2.80	2.50	100
<b>BEATRICE, NEBRASKA.</b>				
Black Brothers:				
Corn chop.....	9.25	2.50	3.50	99
Wheat bran.....	14.75	3.50	10.00	99
Wheat shorts.....	16.00	4.00	6.50	99
<b>BELOIT, KAN.</b>				
Beloit Milling Co.:				
Corn chop.....	9.20	2.50	3.50	99
Bran and screenings.....	14.50	4.00	12.00	99
Shorts.....	15.00	3.50	6.00	99
<b>BLUE RAPIDS, KAN.</b>				
Blue Rapids Milling & Elevator Co.:				
Wheat bran and corn bran.....	13.00	4.25	12.40	99
Shorts.....	16.00	5.00	5.50	99
Corn chop.....	9.40	3.10	3.10	99
<b>BLUE SPRINGS, NEB.</b>				
Black Brothers:				
Wheat bran and corn bran.....	14.50	4.20	9.69	99
White shorts.....	14.50	4.10	7.99	99
Corn chop.....	9.45	3.40	3.40	99
<b>BONNER SPRINGS, KAN.</b>				
The Bonner Springs Flour Mills:				
Bran.....	15.20	4.00	9.50	100
White shorts.....	17.00	5.00	6.50	100
<b>BRIDGEPORT, KAN.</b>				
Frank B. Peck Milling Co.:				
Bran and screenings.....	19.13	3.30	9.25	100
Shorts.....	22.46	4.12	5.05	100
<b>BUCKLIN, KAN.</b>				
J. F. Dannecker:		97		
Pure corn chop.....	9.73	3.	3.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>BUHLER, KAN.</b>				
The Buhler Mill and Elevator Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Wheat shorts.....	14.00	3.00	3.00	99
<b>BURRTON, KAN.</b>				
The Burrtion Milling Co.:				
Wheat bran and screenings.....	16.20	3.73	8.57	99
Wheat shorts.....	17.14	4.09	4.28	99
Mill run and screenings.....	16.57	3.88	8.42	99
Corn chop.....	9.54	3.99	2.58	99
<b>BUSHTON, KAN.</b>				
Bushton Roller Mills:				
Pure wheat bran.....	14.50	3.04	9.80	99
Pure wheat shorts.....	16.50	4.02	7.04	99
Pure corn chop.....	9.20	3.80	4.04	99
<b>CALDWELL, KAN.</b>				
Border Queen Milling Co.:				
Wheat bran.....	15.00	3.00	13.00	99
Wheat mill run.....	15.00	3.50	12.00	99
Wheat shorts.....	16.00	3.50	6.00	99
Wheat white shorts.....	16.00	3.50	6.00	99
Corn chop.....	9.00	3.00	5.00	99
Caldwell Milling Co.:				
Bran and screenings.....	15.06	3.34	10.00	99
Mill run and screenings.....	15.06	3.34	10.00	99
Standard shorts.....	16.39	3.33	5.80	99
Corn chop and corn bran.....	9.76	3.30	3.50	99
<b>CANTON, KAN.</b>				
Canton Milling Co.:				
Shorts.....	15.00	3.50	5.00	100
Bran and screenings.....	14.50	3.50	10.00	100
Corn chop.....	9.00	4.00	3.00	100
<b>CARTHAGE, MO.</b>				
Cowgill & Hill Milling Co.:				
Peacock mixed feed.....	15.00	3.50	8.50	98
<b>CEDAR, KAN.</b>				
Cedar Milling Co.:				
Pure wheat shorts.....	12.50	2.50	10.25	50
Pure wheat bran.....	11.50	2.70	13.50	50
<b>CEDAR POINT, KAN.</b>				
The Cedar Point Roller Mills:				
Bran and screenings.....	15.00	3.25	10.50	100
Standard shorts.....	15.50	2.80	3.50	100
Corn chop.....	9.40	3.00	3.60	100
<b>CEDAR VALE, KAN.</b>				
The Cedar Vale Alfalfa Milling Co.:				
Pure dustless alfalfa meal.....	14.00	1.75	29.00	100
<b>CHANUTE, KAN.</b>				
Chanute Milling Co.:				
Shorts.....	15.00	3.00	4.81	100
Mill run, bran and screenings.....	16.00	3.50	6.40	100
Wheat bran, corn bran and screenings.....	14.00	5.00	10.14	100
Bran and wheat screenings.....	16.00	4.10	10.20	100
Ditmars & Ditmars:				
Corn chop.....	9.00	2.30	5.00	100
Wickard Grain Co.:				
Corn chop.....	9.00	2.00	5.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913 - CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>CHERRYVALE, KAN.</b>				
The Cherryvale Grain & Lumber Co.:				
Pure corn chop.....	9.10	2.20	4.50	99
W. H. Forsyth:				
Pure corn chop.....	8.00	2.00	5.00	99
N. Sauer Milling Co.:				
Wheat bran and screenings.....	14.00	3.50	10.00	100
Mill run, bran with screenings.....	15.00	3.50	11.65	100
Brown wheat shorts.....	17.00	4.00	5.00	100
White wheat shorts.....	16.50	4.10	4.95	100
Corn chop.....	9.00	3.70	2.80	100
<b>CHICAGO, ILL.</b>				
Armour Fertilizer Works:				
Armour's blood meal.....	80.00	0.00	2.00	25, 50, 100
Armour's meat meal.....	60.00	10.00	2.00	25, 50, 100
Armour's meat meal and cracklings.....	55.00	12.00	2.00	25, 50, 100
Armour's meat scraps.....	60.00	10.00	2.00	25, 50, 100
Armour's granulated bone.....	24.00	0.50	2.00	25, 50, 100.
The Cudahy Packing Co.:				
Cudahy's Blue Ribbon meat meal.....	60.00	10.00	1.75	100
Morris & Company:				
Big Sixty digester tankage.....	60.00	8.00	5.00	100
Big Forty digester tankage.....	40.00	8.00	5.00	100
The Quaker Oats Co.:				
White Diamond feed.....	8.00	3.25	9.00	100
Sulzberger & Sons Company:				
Sulzberger's high protein tankage.....	60.00	8.00	8.00	100
Sulzberger's high protein meat scraps.....	50.00	10.00	3.00	100
Sulzberger's pure sterilized blood meal.....	87.00	0.00	1.00	100
Sulzberger's poultry bone.....	25.00	3.00	1.00	100
<b>CIMARRON, KAN.</b>				
The A. Aitken Grain Co.:				
Corn chop.....	9.00	3.00	3.50	100
C. C. Isely Lumber Co.:				
Corn chop.....	9.00	3.00	3.50	100
<b>CLAFLIN, KAN.</b>				
Clafin Mill & Elevator Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, wheat bran and screenings.....	14.00	3.50	12.00	99
Wheat shorts and screenings.....	14.00	3.00	7.00	99
N. J. Spanier:				
Corn chop.....	9.20	3.00	4.00	Bulk.
Universal Mill Co.:				
Bran and screenings.....	14.00	3.00	14.00	99
Mill run and screenings.....	14.00	3.00	12.00	99
Shorts and screenings.....	14.00	3.00	8.00	99
White shorts and screenings.....	14.00	3.00	8.00	99
<b>CLAY CENTER, KAN.</b>				
The Snell Mill & Grain Co.:				
Wheat bran.....	14.00	3.50	13.00	99
Wheat shorts.....	17.00	3.50	6.50	99
Corn chop.....	8.00	2.50	5.00	99
W. H. Willey:				
Pure corn chop.....	9.00	3.00	4.00	Bulk.
Williamson Milling Co.:				
Pure wheat bran.....	15.50	3.50	12.00	99
Pure wheat shorts.....	17.00	4.00	5.00	99
Corn chop and corn bran.....	9.00	3.50	5.00	99
<b>CLYDE, KANSAS.</b>				
The Clyde Milling and Elevator Co.:				
Shorts.....	13.50	4.00	9.00	99
Bran.....	12.00	3.50	12.50	99
Corn and wheat bran.....	12.00	3.50	12.50	99
Corn chop.....	3.50	3.75	5.00	99



FEEDS REGISTERED SEPTEMBER 30, 1918—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>COATS, KAN.</b>				
Farmers' Elevator Co.:				
Wheat chop .....	16.00	3.50	9.00	100 and bulk.
Corn chop.....	9.20	2.80	4.40	100 and bulk.
Kafir chop.....	9.00	2.00	3.00	100 and bulk.
Kafir and barley chop.....	11.00	2.00	4.00	80 and bulk.
<b>COFFEYVILLE, KAN.</b>				
Kiddoo Milling Co.:				
Mixed feed.....	14.52	3.44	7.90	99
The Rea-Patterson Milling Co.:				
S. & P. shorts with screenings.....	14.22	3.00	6.00	100
S. & P. mixed feed and screenings .....	14.00	3.00	12.00	100
S. & P. bran with screenings.....	14.52	3.50	13.00	100
S. & P. corn bran.....	10.00	4.00	9.00	100
S. & P. corn chop and corn bran.....	8.00	3.00	5.00	100
<b>COLUMBUS, KAN.</b>				
Stauffer, Commack & Co.:				
Hen feed .....	12.00	2.70	3.00	10, 100
<b>CONCORDIA, KAN.</b>				
Bossemeyer Bros.:				
Boss corn chop .....	9.00	3.50	3.00	99
Boss wheat chop.....	11.30	1.00	2.80	99
Boss corn bran.....	5.00	2.85	15.00	99
The Concordia Milling Co.:				
Wheat shorts and screenings.....	15.00	4.00	7.50	99
Wheat bran screenings and corn bran.....	14.00	3.90	12.00	99
Corn chop.....	9.00	3.25	4.75	99
Farmers' Cooperative Mill & Elevator Co.:				
Shorts .....	14.00	4.00	15.00	99
Bran.....	14.30	3.80	12.00	99
Wheat chop .....	15.00	4.00	15.00	99
Corn chop .....	9.00	3.25	4.75	99
<b>CONWAY SPRINGS, KAN.</b>				
B. Strong Grain & Coal Co.:				
Corn chop .....	9.20	2.80	4.40	99
Kafir chop.....	9.90	2.80	2.50	99
<b>COURTLAND, KAN.</b>				
Bossemeyer Brothers:				
Boss corn chop .....	9.00	3.50	3.00	99
Boss wheat chop.....	11.30	1.00	2.80	99
<b>CUNNINGHAM, KAN.</b>				
Ratcliff Grain Co.:				
Ground wheat chop and screenings .....	11.10	2.10	2.80	Bulk.
<b>DELPHOS, KAN.</b>				
Delphos Milling Co.:				
Pure wheat bran .....	14.50	4.00	11.00	100
Pure wheat shorts.....	16.00	4.00	15.00	100
<b>DEERFIELD, KAN.</b>				
The C. C. Isely Lumber Co.:				
Corn chop.....	9.00	3.00	3.50	100
<b>DODGE CITY, KAN.</b>				
The Dodge City Mill and Elevator Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, bran and screenings.....	14.00	3.50	12.00	99
Standard wheat shorts.....	14.00	3.00	7.00	99
Pure corn chop .....	9.00	3.00	5.00	99
Farmers' Elevator and Supply Co.:				
Farmers' mixed feed chop.....	12.00	3.00	5.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
DODGE CITY, KAN.—CONCLUDED.				
H. G. Wing:				
Corn chop.....	9.40	3.10	3.10	100
Ground barley.....	12.40	1.30	2.70	100
Kafir, ground.....	9.90	2.80	2.50	100
DOWNS, KAN.				
A. Jackson & Co.:				
Pure shorts.....	14.00	4.00	10.00	99
Wheat Bran.....	14.00	4.00	8.00	99
EL DORADO, KAN.				
L. H. Powell & Co.:				
Corn chop.....	9.20	2.60	4.40	100
Minos West:				
Corn chop.....	9.20	2.30	4.50	99
ELLINWOOD, KAN.				
Ellinwood Mill and Elevator:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Wheat shorts and screenings.....	14.00	3.00	7.00	99
Corn chop and corn bran.....	7.00	3.00	8.00	99
Mill run, wheat bran and screenings.....	14.00	3.50	12.00	99
Wolf Milling Co.:				
Wheat bran and screenings.....	15.50	3.25	10.00	100
Mill run and screenings.....	17.00	3.25	8.00	100
Wheat shorts.....	17.50	4.00	6.00	100
Corn chop.....	9.50	3.25	2.20	100
ELLSWORTH, KAN.				
The Ellsworth Mill and Elevator Co.:				
Mixed feed.....	14.50	3.50	10.00	99
Wheat shorts.....	16.20	4.00	6.00	99
EMPORIA, KAN.				
The City Mill and Elevator Co.:				
Bran and screenings.....	14.00	3.25	10.50	99
Shorts.....	16.00	4.25	6.25	99
Corn chop.....	8.65	3.00	3.50	99
Corn bran.....	10.00	6.00	10.00	99
J. R. Soden (Emporia Water Mills):				
Wheat bran and screenings.....	14.00	3.00	10.00	99
Standard wheat shorts.....	14.00	3.50	8.00	99
H. C. Thompkins:				
Mixed feed.....	14.00	5.50	8.00	100
ENTERPRISE, KAN.				
The Hoffman Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Mill run, bran and screenings.....	14.00	3.50	12.00	99
Standard shorts and screenings.....	14.00	3.00	8.00	99
White shorts and screenings.....	14.00	3.00	7.00	99
Corn chop.....	9.00	3.00	5.00	99
Corn chop and corn bran.....	7.00	3.00	8.00	99
EUDORA, KAN.				
A. R. Anderson:				
White shorts.....	12.55	2.50	3.20	100
Pure wheat bran.....	13.34	2.90	9.20	100
Corn bran.....	9.00	5.80	12.70	100
FLORENCE, KAN.				
Florence City Mills:				
Bran and screenings.....	14.90	4.10	10.40	100
Standard shorts.....	16.80	4.00	4.40	100
Corn chop.....	9.40	3.10	3.10	100

FEEDS REGISTERED SEPTEMBER 30, 1913 - CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>FORD, KAN.</b>				
Pinney & Emrie:				
Corn chop .....	9.20	2.30	4.10	98
<b>FORT SCOTT, KAN.</b>				
The Goodlander Milling Co.:				
Mixed feed .....	15.00	4.00	12.00	99
White shorts .....	16.00	5.00	5.00	99
Pure corn chop .....	8.50	3.50	4.50	99
Mixed corn chop and corn bran .....	8.00	3.00	6.00	99
<b>FREDONIA, KAN.</b>				
Fredonia Linseed Oil Werks:				
Tiger brand linseed oil meal .....	31.93	8.00	8.00	100
Hampton Bros. Milling Co.:				
Corn bran .....	10.00	7.00	12.00	100
Corn chop .....	9.00	3.00	4.00	100
Wheat chop .....	10.00	1.00	6.00	100
Oswego Seed and Grain Co.:				
Pure corn chop .....	9.20	2.30	4.40	99
<b>GARDEN CITY, KAN.</b>				
Dockum & Whitaker Mill Co.:				
Corn chop .....	8.00	3.00	4.00	99
3-1 feed .....	8.00	3.00	5.00	99
2-1 feed .....	8.00	3.00	5.00	99
C. S. K. feed .....	7.00	3.00	4.00	99
C. S. C. feed .....	14.00	3.00	7.00	99
C. S. B. feed .....	14.00	3.00	7.00	99
O. M. C. feed .....	14.00	3.00	7.00	99
The Garden City Grain and Produce Co.:				
Barley and corn chop .....	10.30	2.40	4.40	99
Milo maize and corn chop .....	9.50	2.90	4.60	99
Milo maize chop .....	9.70	2.10	3.40	99
Corn chop .....	9.30	4.00	4.20	99
<b>GARNETT, KAN.</b>				
Garnett Milling Co.:				
Corn chop .....	9.20	2.30	5.00	99
Corn bran .....	7.30	5.20	10.04	Bulk.
<b>GIRARD, KAN.</b>				
W. M. Reckewey:				
Corn chop .....	9.50	3.50	2.53	99
<b>GREAT BEND, KAN.</b>				
The Barton County Flour Mills Co.:				
Wheat shorts .....	16.00	3.50	5.00	99
Wheat bran .....	15.50	3.50	10.00	99
White shorts .....	18.00	3.50	5.00	99
Mill run .....	15.00	3.25	9.00	99
Corn chop .....	9.00	3.50	3.50	99
Great Bend Seed and Produce Co.:				
Excelsior chicken feed .....	9.50	3.50	5.00	Miscellaneous.
Excelsior chick feed .....	10.00	3.00	4.00	Miscellaneous.
Corn chop .....	9.00	3.00	5.00	Miscellaneous.
Moses Brothers Mill (Kansas Flour Mills Co.):				
Wheat bran and screenings .....	14.00	3.00	14.00	99
Mill run, bran and screenings .....	14.00	3.50	12.00	99
Standard shorts and screenings .....	14.00	3.00	8.00	99
White shorts and screenings .....	14.00	3.00	7.00	99
Corn chop .....	9.00	3.00	5.00	99
Corn chop and corn bran .....	7.00	3.00	8.00	99
The Walnut Creek Milling Co.:				
Wheat bran and screenings .....	13.00	3.00	10.00	99
Mill run bran, shorts and screenings .....	13.00	3.00	10.00	99
Shorts .....	14.00	3.00	7.00	99
Corn chop .....	3.00	3.00	10.00	99
Corn chop and corn bran .....	3.00	3.00	15.00	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>GRENOLA, KAN.</b>				
The Grenola Mill and Elevator Co.:				
Pure corn chop.....	9.00	2.70	3.50	99
Pure kafir chop.....	9.50	2.40	2.90	99
<b>GYPSUM, KAN.</b>				
Wm. Teichgraber:				
Wheat bran and screenings.....	14.50	4.38	10.00	99½
Pure wheat shorts.....	15.79	4.38	7.50	99½
Wheat mill run bran and screenings.....	14.50	4.38	10.00	99½
Wheat bran, corn bran, wheat screenings..	15.00	4.25	10.00	99½
Pure corn chop.....	9.95	4.70	15.00	99½
<b>HALSTEAD, KAN.</b>				
The Halstead Milling and Elevator Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Wheat shorts.....	14.00	3.00	6.00	99
Corn chop.....	9.00	3.00	5.00	99
Corn chop and corn bran.....	7.00	3.00	8.00	99
<b>HANOVER, KAN.</b>				
Fred A. Meyn:				
Shorts.....	14.71	4.36	6.00	100
Wheat bran and screenings.....	13.20	4.07	7.00	100
<b>HARPER, KAN.</b>				
J. R. Williamson & Co.:				
Pure corn chop.....	9.10	3.00	2.50	100
Pure kafir corn chop.....	9.00	2.50	3.00	100
<b>HAYS, KAN.</b>				
Hays City Milling & Elevator Co.:				
Standard shorts.....	15.00	4.00	7.00	99
Bran and screenings.....	15.00	3.00	8.14	99
Ground wheat screenings.....	17.63	2.24	3.26	99
<b>HEBRON, NEB.</b>				
Bozarth Bros. & Carter:				
Wheat bran.....	14.75	3.50	10.00	99
Wheat shorts.....	16.00	4.00	6.50	99
<b>HIAWATHA, KAN.</b>				
C. B. McCormick:				
Corn chop.....	8.50	2.30	4.00	Bulk.
<b>HILLSBORO, KAN.</b>				
Hillsboro Roller Mills:				
Mixed brans and screenings.....	15.66	3.70	10.87	98
Brown shorts.....	16.50	3.50	5.00	98
Compound white shorts.....	17.54	3.50	4.91	98
Wheat chop.....	14.00	3.50	10.00	98
Mill run bran.....	15.00	3.50	9.00	98
<b>HOISINGTON, KAN.</b>				
Ochs Grain Co.:				
Hoisington laying food.....	14.00	2.85	3.75	25, 50, 100
Hoisington hen mash.....	26.00	3.25	2.90	25, 50, 100
<b>HOWARD, KAN.</b>				
McKinney & Barkley:				
Corn chop.....	9.20	2.30	4.40	99
<b>HUDSON, KAN.</b>				
Stafford County Flour Mills Co.:				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Standard shorts.....	14.00	3.00	8.00	99
Mill run wheat bran and screenings.....	14.00	3.50	12.00	99
Corn chop, pure.....	9.00	3.00	5.00	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>HUMBOLDT, KAN.</b>				
The Dickinson Bros. Grain and Hay Co.:				
Corn chop .....	9.40	2.80	4.40	99
<b>HUTCHINSON, KAN.</b>				
C. F. Bunte Coal Co.				
Bunte chick feed .....	12.00	2.00	4.00	25, 50, 100
Bunte hen feed .....	10.00	2.00	5.00	25, 50, 100
John Hess:				
Hess poultry feed .....	12.80	2.95	2.90	50, 100
Hess poultry mash .....	20.00	4.10	8.25	50, 100
Hess horse fattener .....	16.00	4.00	8.25	100
Corn chop .....	8.00	3.00	4.00	100
The Hutchinson Flour Mills Co.:				
Wheat bran and screenings .....	14.00	3.00	12.00	99
Wheat mill run bran and screenings .....	14.50	3.50	10.00	99
Shorts .....	15.00	3.50	8.00	99
Fancy white shorts .....	15.00	3.50	8.00	99
Corn chop and corn bran .....	9.00	3.00	5.00	99
The Wm. Kelly Milling Co.:				
Wheat bran and screenings .....	15.00	3.00	11.00	99
Wheat shorts .....	18.00	5.00	5.00	99
Mill run and screenings .....	16.00	3.50	9.00	99
The Larabee Flour Mills Co.:				
Wheat bran, screenings and corn bran .....	12.00	2.50	14.00	98, 100
Mill run bran, corn bran and screenings .....	12.00	2.50	14.00	98, 100
Wheat shorts and screenings .....	12.00	2.50	8.00	98, 100
Red dog .....	12.00	2.50	8.00	98, 100
Corn chop and corn bran .....	7.00	2.50	10.00	98, 100
Germil-O .....	8.00	2.50	10.00	98, 100
The Monarch Milling Co.:				
Pure wheat bran .....	14.50	3.50	10.00	99
Pure wheat shorts .....	16.48	4.07	8.00	99
Wheat bran and corn bran .....	14.50	3.50	11.00	99
Pure corn chop .....	9.00	3.00	5.00	99
Randle Coal Co.:				
Randle chick feed .....	10.00	2.00	4.00	Bulk.
Corn chop .....	8.00	2.00	5.00	100
Young & Sons:				
Young's chicken feed .....	8.00	3.00	6.00	25, 50, 100
Young's chick food .....	8.50	3.00	4.00	25, 50, 100
Corn chop .....	9.00	3.00	4.50	100
<b>INDEPENDENCE, KAN.</b>				
Geo. M. Bowen:				
Mixed feed .....	12.72	3.86	7.00	Bulk.
<b>INDEPENDENCE, MO.</b>				
Waggoner-Gates Milling Co.:				
Mill run bran mixed feed, .....	15.00	3.00	9.00	98, 100
<b>INMAN, KAN.</b>				
Enns Milling Co.:				
Bran and screenings .....	14.00	3.50	9.50	99
Shorts .....	15.00	4.00	5.00	99
Mill run bran and screenings .....	16.00	3.50	9.00	99
<b>IOLA, KAN.</b>				
R. R. Claiborne Feed Mill:				
Mixed feed .....	10.00	4.00	7.00	Bulk.
Corn chop .....	9.20	2.80	4.40	99
R. C. McKinney:				
Max mix .....	14.16	4.11	7.39	99
Frank White:				
Corn chop .....	9.00	2.00	5.00	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>JAMESTOWN, KAN.</b>				
Gifford Bros.:				
Hard wheat bran.....	15.00	3.25	7.00	100
Hard wheat shorts.....	16.41	3.43	5.66	100
Corn chop.....	9.20	2.30	4.40	100
<b>JOPLIN, MO.</b>				
Brand-Dunwoody Milling Co.:				
Dunwoody's Best.....	14.00	3.80	12.00	98
<b>JUNCTION CITY, KAN.</b>				
C. E. Stevens:				
Corn chop.....	10.00	2.00	4.00	99
Tyler & Co.:				
Tyco wheat bran.....	15.22	2.53	10.00	99
Tyco wheat mill run.....	16.40	2.21	8.00	99
Tyco wheat shorts.....	17.58	1.90	6.00	99
Tyco corn chop.....	10.58	1.50	3.24	99
<b>KACKLEY, KAN.</b>				
Bossemeyer Bros.:				
Boss corn chop.....	9.00	3.50	3.00	99
Boss wheat chop.....	11.30	1.00	2.80	99
<b>KANSAS CITY, KAN.</b>				
Bulte and White Swan Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Standard shorts and screenings.....	14.00	3.00	8.00	99
White shorts and screenings.....	14.00	3.00	7.00	99
Schilling Grain Co.:				
Schilling's hen scratch.....	10.30	2.90	2.30	10, 25, 50, 100
Schilling's chick scratch.....	10.30	2.90	2.30	10, 25, 50, 100
Pure corn chop.....	9.00	3.00	3.00	97, 100
Corn bran.....	8.00	3.50	12.50	70, 99
Solomon Valley Milling Co.:				
O. K. hen feed.....	12.30	3.60	4.40	10, 25, 50, 100
O. K. chick feed.....	11.00	2.50	3.50	10, 25, 50, 100
Swift & Co.:				
Swift's digester tankage.....	60.00	8.00	3.00	25, 50, 100
Swift's meat meal.....	46.00	6.00	3.00	25, 50, 100
Swift's meat scraps.....	50.00	8.00	3.00	5, 10, 25, 50, 100
Swift's ideal poultry food.....	50.00	0.00	3.00	25, 50, 100
Swift's poultry bone.....	25.00	5.00	0.00	25, 50, 100
Swift's blood meal.....	37.00	0.00	3.00	25, 50, 100
Swift's soluble blood flour.....	37.00	0.00	3.00	25, 50, 100
L. C. Worth Commission Co.:				
Pure corn chop.....	9.00	3.00	3.00	97, 99
<b>KANSAS CITY, MO.</b>				
American Linseed Co.:				
Linseed oil meal.....	36.00	2.00	9.00	100
Atlas Oats Co.:				
Hominy feed.....	9.00	7.00	4.00	99
Corn bran.....	7.00	2.30	20.00	99
"Atlas" mixed feed.....	8.00	3.50	13.50	99
Duncan-Brown:				
Prize winner hen food.....	8.50	3.00	7.00	8½, 25
Prize winner chick food.....	9.00	3.50	8.00	8½, 25
Feeders' Supply Co.:				
"Equity Brand" molasses fattener.....	3.00	0.75	23.00	99
R. J. House & Co.:				
Corn chop.....	9.40	3.10	3.10	100
The Ismert-Hincke Milling Co.:				
Pure wheat bran.....	14.00	5.00	19.00	100
Pure white middlings.....	16.00	2.15	5.00	100
Pure coarse germ middlings.....	15.50	4.00	6.50	100
Kansas City Lead and Oil Works, of American Linseed Co.:				
Old Process ground oil cake.....	34.00	6.00	9.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>KANSAS CITY, MO.—CONCLUDED.</b>				
<b>The Kansas City Seed and Grain Co.:</b>				
Corn chop .....	9 00	2.50	3.50	97½
<b>R. E. Kidder Flour Mills:</b>				
Wheat bran .....	14.50	3.50	10.00	98
Wheat shorts (red) .....	15.00	4.00	6.00	98
Wheat shorts (white) .....	15.00	4.00	6.00	98
<b>Kimball-Sawyer Milling Co.:</b>				
Corn bran .....	8.00	3.50	12.50	99
Pure corn chop .....	9.00	3.50	3.50	99
Hen feed .....	18.00	2.50	4.00	8½, 25, 50, 100
Chick feed .....	18.00	2.50	4.00	8½, 25, 50, 100
Pure wheat bran .....	15.00	3.00	10.00	99
Pure wheat shorts .....	16.00	4.00	5.00	99
<b>Kornfalfa Feed Milling Co.:</b>				
Kornfalfa Kandy feed .....	9.00	2.50	12.00	100
Alfalfa molasses feed .....	9.00	1.00	25.00	100
Kow Kow dairy feed .....	16.50	3.00	12.50	100
Kluk poultry feed .....	10.00	3.25	4.50	8½, 25, 50, 100
<b>Henry Lichtig &amp; Co.:</b>				
Corn chop .....	9.25	3.20	3.20	99
<b>Midland Poultry Food Co.:</b>				
Midland XXX chick food .....	7.20	1.75	6.65	100
Pickwick chick food .....	7.20	1.75	6.65	100, 50, 25
Punch chick food .....	7.20	1.75	6.65	100, 50, 25
Defiance chick food .....	7.20	1.75	6.65	100, 50, 25
Pickwick scratch .....	7.20	1.75	6.65	100, 50,
Punch scratch .....	7.20	1.75	6.65	100, 50, 25
<b>Nelson Grain Co.:</b>				
Pure corn chop .....	9.00	3.00	3.00	98, 100
<b>J. G. Peppard Seed Co.:</b>				
Triple "P" hen food .....	10.00	3.00	4.00	99½
Triple "P" chick food .....	10.00	3.00	4.00	99½
"Havabag" brand hen food .....	8.50	3.00	4.00	99½
"Havabag" chick food .....	8.00	4.00	4.00	99½
<b>Rudy-Patrick Seed Co.:</b>				
Royal Quality scratch feed .....	11.00	3.00	3.00	100
Royal Quality chick feed .....	10.50	2.50	2.00	100
R. P. brand scratch feed .....	10.50	2.50	2.00	100
R. P. brand chick feed .....	10.50	2.50	3.50	100
Every-day scratch feed .....	8.50	3.00	7.00	100
Every-day chick feed .....	9.00	3.50	8.00	100
<b>Russell Grain Co.:</b>				
Corn chop .....	7.40	3.40	3.25	100
<b>Southwestern Milling Co.:</b>				
Fancy white middlings .....	16.88	3.75	4.40	99
Brown shorts and screenings .....	17.58	4.67	7.54	99
Bran and screenings .....	16.69	4.13	9.21	99
Gray shorts and screenings .....	17.31	4.48	7.37	99
<b>The United States Stock Food Co.:</b>				
Eagle brand alfalfa molasses feed .....	10.00	1.40	48.50	100
Eagle brand horse and mule feed .....	10.00	3.00	58.00	100
<b>Western Grain Co.:</b>				
Corn chop .....	9.60	3.30	3.30	99
Wheat bran .....	14.50	4.00	9.50	160
Brown shorts .....	15.00	4.00	6.50	100
<b>KENSINGTON, KAN.</b>				
<b>The Kensington Mill Co.:</b>				
Bran .....	15.00	3.00	12.00	100
Shorts .....	16.00	3.00	6.00	100
<b>KINGMAN, KAN.</b>				
<b>W. M. Benefiel:</b>				
Corn chop .....	9.00	2.50	5.00	99
Mixed feed .....	11.00	3.83	10.00	100
<b>Kingman Ice and Creamery Co.:</b>				
Crescent mixed feed .....	12.25	3.75	6.50	100
Corn chop .....	9.00	2.00	5.00	100

FEEDS REGISTERED SEPTEMBER 30, 1913.—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>KINGMAN, KAN.—CONCLUDED.</b>				
The Kingman Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings.....	14.00	3.00	14.00	99
Millrun bran and screenings.....	14.00	3.50	12.00	99
Standard shorts and screenings.....	14.00	3.00	3.00	99
White shorts and screenings.....	14.00	3.00	7.00	99
Corn chop.....	9.00	3.00	5.00	99
Corn chop and corn bran.....	7.00	3.00	3.00	99
<b>KINSLEY, KAN.</b>				
Fravel & Lewis:				
Corn chop.....	9.00	3.00	3.50	99
Barley chop.....	12.00	1.50	2.30	99
<b>KIOWA, KAN.</b>				
J. H. Nichols Grain, Coal and Feed Co.:				
Corn chop.....	9.40	3.10	3.10	100
<b>KIRWIN, KAN.</b>				
J. W. & C. R. Jackson:				
Bran.....	14.00	3.25	12.00	50, 100
Shorts.....	14.00	3.50	10.00	100
Corn chop.....	9.00	3.75	10.00	100
<b>LAFONTAINE, KAN.</b>				
Hampton Bros. Milling Co.:				
Corn chop.....	9.00	3.00	4.00	100
<b>LA HARPE, KAN.</b>				
Baskett & Henderson:				
Corn chop.....	9.00	2.30	4.50	99
One Price Feed Store:				
Corn chop.....	9.20	2.30	4.50	99
<b>LAMAR, COLO.</b>				
Lamar Milling and Elevator Co.:				
Mill run wheat bran and screenings.....	14.00	3.50	12.00	99
<b>LAWRENCE, KAN.</b>				
The Barteldes Seed Co.:				
Barteldes sunflower hen feed.....	10.75	2.85	2.75	10, 25, 50, 100
Barteldes sunflower chick feed.....	10.50	2.25	2.75	10, 25, 50, 100
Bowersock Mills and Power Co.:				
Pure wheat bran.....	14.50	3.75	12.00	100
Pure wheat shorts.....	15.38	3.87	6.00	100
Mill run bran.....	14.50	3.75	12.00	100
W. J. Busch:				
Corn chop.....	9.20	2.30	4.40	99
A. C. Gibson:				
Pure corn chop.....	9.20	2.30	4.40	99
E. B. Gorsuch:				
Corn chop.....	9.00	2.00	5.00	99
W. D. Gwin Grain and Coal Co.:				
Corn chop.....	9.40	3.10	4.50	100
Jones & Mercer:				
Corn chop.....	9.20	2.10	4.40	99
<b>LEAVENWORTH, KAN.</b>				
Ashby & Sons:				
Corn bran.....	6.00	3.00	16.00	80, 90, 100
Corn chop.....	9.00	3.50	3.50	50, 80, 90, 95, 100
M. A. Kelley:				
Corn bran.....	8.00	4.80	18.70	Bulk.



FEEDS REGISTERED SEPTEMBER 30, 1913 - CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>LEAVENWORTH, KAN.—CONCLUDED.</b>				
The Leavenworth Milling Co.:				
Wheat bran and screenings.....	14.00	3.60	10.00	99
Wheat shorts and screenings.....	16.00	4.00	8.00	99
The J. C. Lysie Milling Co.:				
Wheat shorts.....	14.50	4.50	8.00	100
Wheat bran and screenings.....	15.00	4.00	10.00	100
Mill run, bran and screenings.....	15.00	4.00	10.00	100
Welch & Sons:				
Corn chop.....	9.00	2.90	3.50	95
The Wilson-Legler Hay and Grain Co.:				
Concord pure corn chop.....	9.00	3.10	3.70	95, 100 and bulk.
<b>LEBANON, KAN.</b>				
Lebanon Alfalfa Milling Co.:				
Corn chop.....	14.10	3.40	6.60	100
Alfalfa meal.....	14.00	1.20	33.00	100
Lebanon Mill and Elevator Co.:				
Bran and wheat scorings.....	15.25	3.83	12.00	100
Shorts.....	17.55	4.07	6.00	100
Wheat chop.....	17.00	4.00	5.00	100
Corn chop.....	8.99	3.53	3.00	100
<b>LEHIGH, KAN.</b>				
Groening Brothers:				
Wheat shorts.....	17.00	4.00	8.00	100
Bran and screenings.....	15.00	3.25	9.00	100
Mill run and screenings.....	16.00	3.50	9.00	100
<b>LIBERAL, KAN.</b>				
J. G. Ault:				
Corn chop.....	8.00	2.50	6.00	99 and bulk.
Milo maize chop.....	9.00	2.00	5.00	99 and bulk.
Gardner & Vickers:				
Corn chop.....	8.00	2.50	6.00	99
Milo maize chop.....	9.00	2.00	5.00	99
Kafir chop.....	8.50	2.00	5.00	99
<b>LINDSBORG, KAN.</b>				
Lindsborg Mill and Elevator Co.:				
Wheat bran and screenings.....	13.00	4.00	10.00	99
Standard wheat shorts.....	15.50	4.00	6.00	99
Golden Eagle shorts.....	15.50	4.00	6.00	99
Mill run and screenings.....	15.00	3.50	8.00	99
Wheat shorts and screenings.....	16.00	3.00	8.00	99
Smoky Valley Roller Mills:				
Bran.....	13.00	3.50	8.50	99
Shorts.....	15.00	3.00	6.00	99
White shorts.....	16.00	3.50	5.00	99
Mill run.....	15.50	4.00	8.00	99
Shorts and ground screenings.....	17.50	3.00	6.50	99
<b>LITTLE ROCK, ARK.</b>				
Nelson-Shearhod Co.:				
Crown brand cotton seed meal and cracked screened cake.....	38.00	5.00	10.00	99
W. C. Nothern & Co.:				
Bee brand cottonseed meal.....	41.00	6.00	10.00	99
Bee brand cottonseed cake.....	41.00	6.00	10.00	99
Butterfly cottonseed cake.....	39.00	6.00	12.00	99
Butterfly brand cottonseed meal.....	39.00	6.00	12.00	99
<b>LOOMIS, NEB.</b>				
The Loomis Grain and Milling Co.:				
Wheat bran.....	14.75	3.50	10.00	99
Brown wheat shorts.....	16.00	4.00	6.50	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>LYONS, KAN.</b>				
The Central Kansas Milling Co.:				
Wheat bran .....	14.50	3.50	9.00	99
Mill run .....	14.50	3.50	9.50	99
Wheat shorts .....	16.00	3.75	6.00	99
Corn chop .....	8.50	3.50	3.50	99
The Lyons Milling Co.:				
Wheat bran and scourings .....	16.00	3.50	8.50	99
Wheat shorts .....	17.00	4.00	4.00	99
Mill run and scourings .....	17.00	4.00	8.50	99
Pure corn chop .....	9.40	3.00	3.00	99
<b>MANHATTAN, KAN.</b>				
M. L. Douglas:				
Corn chop .....	8.50	3.00	5.00	99
Geo. T. Fielding & Sons:				
Corn chop .....	8.80	3.00	5.00	99
Fielding's chick food .....	11.20	2.40	3.30	8 $\frac{1}{2}$ , 20, 50, 100
Manhattan Milling Co.:				
Bran .....	14.16	3.45	9.70	99
Shorts .....	17.50	5.00	5.75	99
The Purity Milling Co.:				
Purity hog feed .....	12.00	1.00	20.00	99
Alfalfa molasses feed .....	11.00	0.50	24.00	99
Alfalfa meal .....	14.00	1.25	30.00	99
Corn chop .....	9.00	2.00	4.40	99
Purity horse feed .....	9.00	2.00	15.00	99
Wheat chop and screenings .....	11.50	2.00	4.00	99
Purity mill mixed feed .....	12.00	2.00	12.00	99
<b>MARION, KAN.</b>				
The Cottonwood Valley Milling Co.:				
Bran screenings and corn bran .....	16.50	3.90	15.50	99
Shorts .....	15.50	3.00	4.25	99
<b>MARQUETTE, KAN.</b>				
K. E. R. Milling Co.:				
Bran and wheat screenings .....	14.50	4.00	8.50	99
Mill run and wheat screenings .....	16.00	4.25	8.00	99
Wheat shorts .....	17.00	4.50	7.50	99
<b>MARYSVILLE, KAN.</b>				
Perry Hutchinson:				
Bran and screenings .....	14.20	4.50	12.00	99 $\frac{1}{4}$
Standard shorts .....	15.00	4.00	7.00	99 $\frac{1}{4}$
<b>MCPHERSON, KAN.</b>				
Colburn Bros.:				
Wheat bran and screenings .....	14.00	3.50	9.00	100
Mill run and screenings .....	16.00	4.00	7.50	100
Gray shorts .....	17.00	4.50	6.50	100
Corn chop .....	9.20	2.50	3.00	100
McPherson Mill and Elevator:				
Wheat bran and screenings .....	14.00	3.00	14.00	99
Wheat shorts .....	14.00	3.00	8.00	99
Mill run and screenings .....	14.00	3.50	12.00	99
Corn chop .....	9.00	3.00	5.00	99
Wall-Rogalsky Milling Co.:				
Wheat bran and screenings .....	14.50	3.50	12.00	99
Mill run bran and screenings .....	16.50	4.00	10.00	99
Wheat shorts .....	17.00	4.50	8.00	99
Corn chop .....	9.25	3.00	4.50	99
<b>MEADE, KAN.</b>				
Wilson Feed Barn:				
Corn chop .....	9.00	2.30	4.30	Bulk.

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of package.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>MEDICINE LODGE, KAN.</b>				
The Medicine Lodge Feed Mill:				
Corn chop .....	9.20	3.00	3.40	99
Kafir chop .....	9.80	2.70	2.70	99
<b>MINNEAPOLIS, KAN.</b>				
The Jackman Roller Mills:				
Standard shorts .....	17.50	3.50	6.00	99
Bran and screenings .....	16.50	3.00	9.00	99
<b>MINNEAPOLIS, MIN.</b>				
Archer-Daniels Linseed Co.:				
Old Process ground linseed cake .....	32.00	6.00	10.00	100
International Sugar Feed Co.:				
International special dairy feed .....	15.00	4.50	12.00	100
International climax feed .....	12.50	4.00	12.00	100
International hog feed .....	22.50	5.00	12.00	100
Midland Linseed Products Co.:				
Midland Old Process ground linseed cake .....	32.00	5.00	9.50	100
Washburn-Crosby Co.:				
Rye middlings .....	14.00	3.00	6.00	100
E. S. Woodworth & Co.:				
Flour middlings .....	15.50	4.50	8.00	100
Red dog flour .....	16.00	4.50	4.00	100 or 140
<b>MOLINE, KAN.</b>				
Webb & Walker:				
Pure corn chop .....	8.50	2.30	5.00	100
<b>MORGANVILLE, KAN.</b>				
The Federated Mills Co.:				
Shorts .....	16.00	4.00	5.00	100
Bran .....	14.50	3.75	11.50	100
Corn chop .....	9.40	3.10	3.10	100
<b>MOUNDRIDGE, KAN.</b>				
The Alta Milling Co.:				
Wheat bran .....	16.00	3.00	9.00	98
Wheat shorts .....	16.00	3.00	4.00	98
The Moundridge Milling Co.:				
Wheat shorts .....	14.00	3.00	7.00	99
Wheat mill run and screenings .....	14.00	3.00	12.00	99
Wheat bran and screenings .....	14.00	3.00	14.00	99
<b>MULBERRY, KAN.</b>				
Jones & Spencer:				
Pure corn chop .....	9.30	2.90	3.30	98
<b>NEODESHA, KAN.</b>				
Bauman Grain Co.:				
Bauman's pure corn chop .....	9.40	3.10	3.10	100
Land Milling Co.:				
Wheat bran .....	15.00	3.53	9.17	100
Shorts .....	15.20	3.92	5.00	100
Corn chop .....	7.55	3.89	2.18	100
<b>NEWTON, KAN.</b>				
Consolidated Alfalfa Milling Co.:				
Alfalfa meal .....	14.00	1.20	33.00	100
Claassen's Roller Mills:				
Shorts .....	16.00	4.00	5.00	100
Bran .....	16.00	3.00	9.00	100
The Empire Milling Co.:				
Wheat bran and screenings .....	14.00	3.00	14.00	98
Mill run wheat bran and screenings .....	14.00	3.00	12.00	98
Wheat shorts .....	15.00	3.00	10.00	98

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>NEWTON, KAN.,—CONCLUDED.</b>				
The Newton Milling and Elevator Co.:				
Wheat bran and screenings.....	15.00	3.50	9.50	99
Mill run wheat bran and screenings.....	15.50	3.75	9.50	99
Wheat shorts.....	16.00	4.00	6.00	99
Fancy white shorts.....	16.00	4.00	6.00	99
Pure corn chop.....	9.00	3.00	5.00	99
Corn bran.....	7.00	3.00	16.00	Miscellaneous.
Nurse & Lawry:				
Corn and oats chop.....	9.50	4.51	5.95	100
Corn chop.....	9.10	4.10	4.10	100
E. R. Sanner:				
Sanner's chick feed.....	9.00	2.00	5.00	50, 100
Sanner's scratch feed.....	10.00	3.00	5.00	50, 100
Corn chop.....	9.00	3.00	4.00	100
<b>NICKERSON, KAN.</b>				
W. H. Dean:				
Pure corn chop.....	9.00	3.00	4.00	99
The Farmers' Cooperative Elevator Co.:				
Corn chop.....	9.00	3.00	4.00	99
<b>OKETO, KAN.</b>				
Oketo Milling and Elevator Co.:				
Bran.....	14.37	4.81	11.00	99
Shorts.....	14.45	4.16	10.00	99
Corn chop.....	9.20	2.50	4.40	99
<b>OLATHE, KAN.</b>				
Hadley Milling Co.:				
Pure corn chop.....	8.00	3.00	5.00	99
Wheat bran and wheat screenings.....	15.80	4.40	10.50	99
Standard shorts.....	17.10	4.90	5.65	99
Corn bran.....	11.25	5.50	18.00	99
Weber Milling Co.:				
Corn chop.....	9.40	3.10	4.10	99
Corn chop and corn bran.....	9.50	5.60	12.00	99
Wheat shorts.....	17.10	4.90	5.65	99
Wheat bran and wheat screenings.....	15.80	4.40	10.50	96
<b>OMAHA, NEB.</b>				
Cavers Elevator Co.:				
Corn chop.....	10.00	3.75	3.00	98, 100
M. C. Peters Mill Co.:				
Peters' Arab horse feed.....	9.00	2.00	15.00	100
<b>ORLEANS, NEB.</b>				
Orleans Milling and Elevator Co.:				
Wheat bran.....	14.75	3.50	10.00	100
Wheat shorts.....	16.00	4.00	6.50	100
<b>OSBORNE, KAN.</b>				
Solomon Valley Milling Co.:				
Shorts.....	17.00	3.90	7.50	99
Mixed bran and screenings.....	15.75	3.80	12.00	99
<b>OSWEGO, KAN.</b>				
Oswego Milling Co.:				
Mixed feed.....	14.50	3.50	10.00	100
Shorts.....	14.50	4.00	10.00	100
The Pearl Roller Mill Co.:				
Wheat bran and screenings and corn bran.....	12.50	3.00	10.00	98
Wheat bran and screenings.....	13.00	3.00	10.00	98
Wheat shorts.....	14.00	2.00	5.00	98
Corn chop.....	8.00	2.50	5.00	98

FEEDS REGISTERED SEPTEMBER 30, 1913.—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>OTTAWA, KAN.</b>				
Oakes & Co.:				
Pure corn chop .....	9.00	2.10	5.00	99
Shubert & Wingert:				
Pure corn chop .....	9.20	2.30	4.40	100
Williams-Wilson Grain Co.:				
Corn bran .....	5.90	1.70	20.70	Bulk.
Corn chop .....	9.20	2.30	4.20	99
<b>PAOLA, KAN.</b>				
Fowler Commission Co.:				
Pure corn chop .....	9.20	2.10	4.20	98, 100
Paola Mill and Elevator Co.:				
Corn chop .....	9.00	3.00	7.00	100
Wheat chop .....	9.00	3.00	7.00	100
Bran and corn bran .....	14.00	4.00	9.00	100
Shorts .....	15.03	4.06	5.65	100
Protzman & Protzman:				
Corn chop .....	9.00	3.00	7.00	100
<b>PARSONS, KAN.</b>				
J. J. Pierson:				
Blue Ribbon brand chick feed .....	8.50	2.50	3.50	99
<b>PAWNEE ROCK, KAN.</b>				
The Farmers' Grain, Fuel, and L. S. Co.:				
Corn chop .....	9.20	2.30	4.40	Bulk.
<b>PAXICO, KAN.</b>				
Paxico Elevator:				
Corn and cob meal .....	6.00	3.00	10.00	Bulk.
<b>PEABODY, KAN.</b>				
Moffett & Co.:				
Wheat bran and screenings .....	14.50	4.00	10.00	99
Wheat shorts .....	16.00	4.00	6.00	99
Corn chop .....	7.00	3.00	8.00	99
<b>PITTSBURG, KAN.</b>				
Pittsburg Corn Mills:				
Corn chop .....	9.40	3.10	3.10	98
Pittsburg Modern Milling Co.:				
Bran, screenings and corn bran .....	11.00	3.00	9.00	98
Suregood mixed feed .....	5.00	3.00	10.00	98
Wheat shorts .....	15.00	3.00	9.00	98
Indian corn chop .....	9.00	3.00	3.00	98
<b>PLAINVILLE, KAN.</b>				
Plainville Mill and Elevator Co.:				
Shorts .....	17.00	4.00	8.50	99½
Mixed feed .....	16.50	4.00	10.00	99½
<b>PLEASANTON, KAN.</b>				
The Blaker Milling Co.:				
Wheat bran and screenings .....	14.50	3.60	10.50	99
Wheat bran and corn bran .....	14.00	3.75	11.50	99
Standard wheat shorts and screenings .....	17.00	4.50	7.00	99
Mill run and screenings .....	15.00	4.00	9.00	99
Corn chops .....	3.00	3.50	5.50	99
<b>PRATT, KAN.</b>				
Pratt Mills (Kansas Flour Mills Co.):				
Wheat bran and screenings .....	14.00	3.00	14.00	99
Mill run bran, and screenings .....	14.00	3.50	12.00	99
Standard shorts and screenings .....	14.00	3.00	8.00	99
White shorts and screenings .....	14.00	3.00	7.00	99
Corn chop .....	9.00	3.00	5.00	99
Corn chop and corn bran .....	7.00	3.00	3.00	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>ROSEDALE, KAN.</b>				
Engler's Chop Mill:				
Corn chop.....	8.00	3.40	3.50	97
Corn bran—screenings.....	7.00	2.80	14.00	97
<b>RUSSELL, KAN.</b>				
The Russell Milling Co.:				
Bran and screenings.....	15.75	4.15	9.00	99
Brown shorts.....	13.25	4.05	7.40	99
<b>ST. JOHN, KAN.</b>				
A. Aitken:				
Corn chop.....	8.80	2.90	3.80	100
St. John Mill and Power Co.:				
Climax bran.....	15.50	3.50	8.50	99
Climax shorts.....	16.50	4.00	6.50	99
Climax mill run.....	16.00	4.00	7.00	99
Pure corn chop.....	9.00	3.00	4.00	99
<b>ST. JOSEPH, MO.</b>				
The Davis Milling Co.:				
Wheat bran and wheat screenings.....	14.50	3.50	10.00	100
Wheat shorts and wheat screenings.....	17.00	4.00	5.00	100
Corn chop.....	9.00	3.25	8.50	100
Excello Feed Milling Co.:				
Excello horse and mule feed.....	11.51	4.10	15.00	100
Excello molasses feed.....	10.00	1.00	25.00	100
Excello cattle fattener.....	13.00	3.50	10.12	100
Excello dairy feed.....	14.33	3.50	15.00	100
Excello chick feed.....	10.00	3.00	6.00	100
Reliable hen feed.....	10.00	3.00	6.00	100
Alfalfa meal.....	14.00	1.50	25.00	100
The Freund Packing and Manufacturing Co.:				
Freund's pure feeding tankage.....	50.00	8.00	4.00	100
<b>ST. LOUIS, MO.</b>				
Ralston Purina Co.:				
Purina poultry feed (scratch size).....	11.00	3.00	4.00	100
Purina poultry feed (chick size).....	11.00	3.00	4.00	100
<b>ST. MARYS, KAN.</b>				
Byrnes & Co.:				
Corn chop.....	9.20	2.30	4.40	99
<b>SALINA, KAN.</b>				
The Lee-Warren Milling Co.:				
Wheat bran.....	14.00	3.50	10.00	99.3
Wheat shorts.....	16.00	4.00	7.00	99.3
Fancy white wheat middlings.....	18.00	2.50	1.50	99.3
The Western Seed House (Edw. Lotz):				
Salina chick food.....	10.00	3.00	6.00	50, 100
Salina laying food.....	11.00	2.00	6.00	50, 100
Salina forcing food.....	12.00	3.00	7.00	50, 100
Mixed feed.....	14.00	4.00	7.00	100
Corn chop.....	9.20	3.00	4.00	100
Kafir chop.....	9.00	2.00	3.00	100
The Salina Alfalfa Meal Co.:				
Samco alfalfa meal.....	12.00	1.50	30.00	99
Pure corn chop.....	9.50	2.50	4.50	99
Fancy horse feed.....	12.00	3.00	18.00	99
Our Samco feed.....	14.00	3.00	12.00	99
Salina horse and mule feed.....	12.00	3.00	10.00	99
Pure oats chop.....	10.00	5.00	12.00	99
The Shellabarger Mill and Elevator Co.:				
Bran and screenings.....	16.00	3.00	11.00	99
Wheat middlings.....	16.50	3.00	7.00	99
Mill run and screenings.....	16.00	3.50	10.00	99
Mixed feed.....	13.00	4.10	5.00	99
Corn chop.....	8.40	2.30	4.90	99

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>SALINA, KAN.—CONCLUDED.</b>				
Stevenson Transfer Co.:				
Stevenson's corn chop .....	9.20	2.30	4.40	100
Stevenson's mixed feed .....	12.00	3.50	6.00	100
The Western Star Mill Co.:				
Star winter wheat bran .....	15.00	3.00	10.00	99
Star winter wheat middlings .....	17.00	4.00	5.50	99
Winter wheat bran and middlings mixed .....	17.00	3.00	7.00	99
Corn chop .....	9.00	3.00	4.40	99
Corn and oats chop .....	8.00	4.00	9.00	99
<b>SEVERANCE, KAN.</b>				
John F. Ebeling:				
Corn chop .....	9.00	2.00	4.00	20, 40, 99
<b>SEVERY, KAN.</b>				
A. M. Brandt:				
Pure corn chop .....	9.00	2.00	5.00	99
Pure wheat chop .....	10.00	2.00	2.50	99
<b>SEDGWICK, KAN.</b>				
Sedgwick Alfalfa Mills:				
Alfalfa meal .....	14.00	1.20	33.00	99
Corn chop .....	9.00	3.00	3.00	99
<b>SHADY BEND, KAN.</b>				
Shady Bend Milling and Power Co.:				
Shorts .....	16.00	4.50	5.00	100
Bran .....	15.00	3.50	10.00	100
<b>SIMPSON, KAN.</b>				
Simpson Milling Co.:				
Wheat bran .....	16.00	3.00	11.00	99
Wheat shorts .....	15.00	3.00	4.00	99
<b>SIOUX CITY, IOWA.</b>				
Sioux City Linseed Oil Works of American Linseed Co.:				
Old Process ground oil cake .....	34.00	6.00	9.00	100
<b>SMITH CENTER, KAN.</b>				
Smith Center Mill, Elevator and Light Co.:				
Bran .....	18.70	3.50	9.81	99
Shorts .....	17.54	3.00	5.83	99
Mill run .....	17.80	3.00	7.10	99
<b>SOUTH HUTCHINSON, KAN.</b>				
J. R. Perry:				
Corn chop .....	9.00	3.00	3.50	100
<b>SPEARVILLE, KAN.</b>				
The Farmers' Grain and Supply Co.:				
Corn chop .....	9.40	3.10	3.10	100
<b>STAFFORD, KAN.</b>				
S. T. Bonner:				
Corn chop .....	9.00	2.50	4.50	100
The Larabee Flour Mills Co.:				
Wheat bran, screenings and corn bran .....	12.00	2.50	14.00	98, 100
Mill run bran, corn bran and screenings .....	12.00	2.40	14.00	98, 100
Wheat shorts and screenings .....	12.00	2.50	3.00	98, 100
Red dog .....	12.00	2.50	3.00	98, 100
Corn chop and corn bran .....	7.00	2.50	10.00	98, 100
Germil-O .....	8.00	2.50	10.00	98, 100

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>STERLING, KAN.</b>				
Farmers' Cooperative Shipping Association:				
Corn chop .....	9.00	2.80	3.90	100 and bulk.
The International Mills (Henry J. Arnold):				
Pure white shorts .....	18.50	3.00	3.00	99
Pure wheat shorts .....	16.50	4.00	6.00	99
Wheat bran and scourings .....	13.00	3.00	10.00	99
Mill run and scourings .....	14.00	3.50	8.50	99
Pure corn chop .....	9.00	3.00	4.00	99
<b>SUPERIOR, NEB.</b>				
Superior Alfalfa Products Co.:				
Superior alfalfa meal .....	13.00	1.50	28.40	100
Superior alfalfa molasses feed .....	12.50	2.00	18.00	100
Superior dairy feed .....	13.50	6.00	14.00	100
Superior horse and mule feed .....	11.25	3.00	13.00	100
Superior Milling Co.:				
Bran .....	14.48	3.05	12.10	100
Shorts .....	16.01	5.50	6.45	100
<b>SYLVIA, KAN.</b>				
The Sylvia Milling Co.:				
Wheat bran .....	15.00	3.00	11.00	99
Mill run .....	15.00	3.50	10.00	99
Standard shorts .....	16.00	3.50	7.00	99
Corn chop .....	9.00	3.00	5.00	99
<b>SYRACUSE, KAN.</b>				
The C. C. Isely Lumber Co.:				
Corn chop .....	9.00	3.00	3.50	100
The Syracuse Mill and Elevator Co.:				
Corn chop .....	10.00	4.00	3.00	Bulk.
<b>TARKIO, MO.</b>				
Champion Feed Co.:				
Champion molasses feed .....	9.00	3.00	7.00	99
<b>TONGANOXIE, KAN.</b>				
Kemper Mill and Elevator Co.:				
Anchor bran .....	14.50	4.00	9.50	99
Wheat shorts .....	16.00	4.25	8.00	99
Corn bran .....	6.00	3.50	16.00	99
Milk meal .....	12.30	8.50	6.16	99
<b>TOPEKA, KAN.</b>				
T. A. Beck:				
Beck's chick food .....	10.00	3.00	5.00	25, 50, 100
Beck's chicken feed .....	11.00	2.75	3.50	25, 50, 100
Corn chop .....	8.50	4.00	6.00	100
Corn and oats chop .....	9.00	4.00	8.00	100
Bran and chop .....	13.00	4.00	6.50	100
Ground oats .....	11.00	5.00	10.00	100
J. B. Billard (North Topeka):				
Mixed chop .....	9.00	4.00	5.00	100
Mixed bran and chop .....	12.00	4.00	7.00	100
Corn bran .....	6.85	5.50	8.50	100
Corn chop .....	9.25	4.50	5.00	100
Chase Wholesale Co.:				
Success chicken feed .....	10.50	3.25	3.50	24, 50, 100
Special hen feed .....	9.50	2.90	3.50	10, 24, 50, 100
No. 2 chicken feed .....	8.00	2.00	4.00	100
D. O. Coe:				
Poultry mash .....	18.00	4.00	9.00	100
Chop .....	9.00	3.00	5.00	100
Mixed feed .....	11.00	3.50	7.00	100
Oat chop .....	11.00	5.00	10.00	100
Superior scratch .....	9.50	3.00	6.00	100
Chick-O .....	11.00	3.50	6.00	100



FEEDS REGISTERED SEPTEMBER 30, 1918—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>TOPEKA, KAN.—CONCLUDED.</b>				
E. C. Fasnacht:				
Mixed feed .....	11.60	3.90	5.90	99
Corn chop .....	8.50	4.00	6.00	99
Forbes Bros.:				
Corn chop .....	9.00	3.00	5.00	100
Mixed feed .....	11.63	3.90	5.90	100
Corn and oats chop .....	9.01	4.19	6.60	100
Cluck Cluck (chick feed) .....	9.97	2.50	3.39	8½, 17
Mixed chicken feed .....	9.50	2.50	8.00	100
Wheat chop .....	14.00	3.50	10.00	100
G. P. Gill:				
Bran and corn chop .....	13.00	4.00	6.50	100
Corn chop .....	8.50	4.00	6.00	100
The Kaw Milling Co.:				
Bran .....	17.00	4.00	9.60	99
Mill run and screenings .....	18.00	4.00	7.60	99
White middlings and screenings .....	18.00	4.40	6.00	99
Shawnee Milling Co.:				
Wheat bran .....	14.00	4.00	9.00	99
Wheat shorts .....	16.00	4.00	7.00	99
Mill run bran .....	16.00	4.00	9.00	98
Willis Norton & Co.:				
Bran and screenings .....	13.25	3.40	9.62	99
Shorts and screenings .....	17.50	4.50	6.30	99
Chas. Wolf Packing Co.:				
Meat meal .....	60.00	12.00	1.00	100
<b>TROY, KAN.</b>				
Clark Bros.:				
Mixed wheat bran and corn bran .....	10.00	3.50	14.00	100
Pure wheat shorts .....	12.00	3.75	8.00	100
Pure corn chop .....	9.00	2.75	5.00	100
<b>TURON, KAN.</b>				
Turon Feed Mill:				
Corn chop .....	9.00	3.00	3.60	100
The Turon Mill and Elevator Co.:				
Bran, corn bran and screenings .....	14.00	4.00	9.00	99
Corn chop .....	9.40	4.00	3.00	99
Bran and screenings .....	16.00	4.00	10.00	99
Brown shorts .....	18.00	4.50	6.00	99
White shorts .....	17.00	4.00	5.00	99
<b>VALLEY CENTER, KAN.</b>				
Smith Bros. Hay & Grain Co.:				
Alfalfa meal .....	14.39	1.97	32.90	100
<b>VALLEY FALLS, KAN.</b>				
Thos. Hatfield:				
Stewart's feed .....	8.00	4.00	5.00	Bulk.
Corn chop .....	8.00	3.00	5.00	100
<b>WAMEGO, KAN.</b>				
Lord Milling Co.:				
Wheat bran, screenings and corn bran .....	14.50	3.50	11.00	99
Brown shorts .....	18.00	4.00	8.00	99
Fancy white shorts .....	18.00	4.00	4.00	99
Corn chop .....	9.00	3.00	4.00	99
<b>WATHENA, KAN.</b>				
J. R. McPherson:				
Corn chop .....	7.30	2.70	3.80	Bulk.
The Nuggett Feed Mill:				
Corn chop .....	7.30	3.10	3.10	100
<b>WAUKEGAN, ILL.</b>				
J. W. Barwell:				
Blatchford's calf meal .....	24.00	5.00	6.00	100, 50, 25.

FEEDS REGISTERED SEPTEMBER 30, 1913—CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>WEBBER, KAN.</b>				
Bossemeyer Bros.:				
Boss corn chop .....	9.00	3.50	3.00	99
Boss wheat chop .....	11.30	1.00	2.80	99
<b>WEIR, KAN.</b>				
James Bates:				
Corn chop .....	8.21	4.15	5-50	98
<b>WELLINGTON, KAN.</b>				
The Aetna Mills Co.:				
Corn chop and corn bran .....	9.00	3.00	5.00	99
Bran and screenings .....	14.00	3.50	10.00	99
Mill run and screenings .....	16.00	4.00	9.50	99
Shorts .....	15.00	4.40	5.06	99
White shorts .....	15.00	3.60	4.50	99
The Hunter Milling Co.:				
Wheat bran .....	15.00	3.00	10.00	99
Wheat shorts .....	16.00	4.00	9.00	99
Mill run .....	16.00	3.00	9.00	99
Corn chop .....	9.00	3.00	3.00	99
Corn bran .....	10.00	6.00	10.00	99
J. D. Infield:				
Corn chop .....	9.10	2.90	3.60	100
Kafir chop .....	9.70	2.60	2.90	100
L. A. Rogers:				
Corn chop .....	13.00	4.00	9.00	100
The Wellington Milling and Elevator Co.:				
Bran and screenings .....	14.00	3.00	14.00	99
Mixed feed .....	14.00	3.00	12.00	99
Shorts and screenings .....	14.00	3.00	8.00	99
White shorts and screenings .....	14.00	3.00	7.00	99
Corn chop and corn bran .....	7.00	3.00	8.00	99
Kafir chop .....	8.00	2.50	8.00	99
<b>WHITE CLOUD, KAN.</b>				
John H. Lynds Mill and Elevator Co.:				
Bran and screenings .....	9.00	3.00	15.00	98
Shorts .....	9.00	2.00	9.00	98
Corn chop and corn bran .....	6.00	2.00	15.00	98
<b>WICHITA, KAN.</b>				
W. S. Cummins:				
Corn chop .....	9.00	3.00	3.50	99
Jacob Dold Packing Co.:				
Dold's poultry bone .....	25.00	2.00	1.50	5, 10, 100, 200
East End Feed Co.:				
Corn chop .....	9.20	2.30	2.10	99
Gorvin Flour and Grain Co.:				
Pure corn chop .....	9.00	3.00	8.50	99
Wheat bran and screenings .....	14.00	3.00	10.00	99
Standard shorts and screenings .....	14.50	3.50	6.00	99
C. R. Hildebrand:				
Corn chop .....	9.15	3.80	3.50	99
Star alfalfa stock feed .....	14.45	4.00	20.00	99
The Imboden Milling Co.:				
Wheat bran, screenings and corn bran .....	14.50	3.50	10.00	100
Mill run bran and shorts .....	14.50	3.50	10.00	100
Standard shorts .....	16.00	4.00	6.00	100
White ship .....	16.00	4.00	5.00	100
Pure corn chop .....	8.50	3.75	2.52	100
Wheat chop .....	14.00	2.00	3.50	100
Jones Milling Co.:				
Corn chop .....	9.20	2.60	4.40	100
Kafir chop .....	9.70	2.60	2.60	100
Barley chop .....	12.00	1.80	3.50	100
Jones's corn and oats chop .....	10.00	3.20	6.00	100
Jones's mixed feed .....	10.50	3.50	7.50	100
Jones's hen feed .....	9.50	2.30	3.80	25, 50, 100
Jones's chick feed .....	9.50	2.50	3.80	25, 50, 100

FEEDS REGISTERED SEPTEMBER 30, 1918 - CONTINUED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>WICHITA, KAN.—CONTINUED.</b>				
<b>Kansas Milling Co.:</b>				
Climax bran.....	15.50	3.50	8.50	99
Climax mill run.....	16.00	4.00	7.00	99
Climax brown shorts.....	16.50	4.00	5.00	99
Climax white shorts.....	17.00	4.00	3.00	99
Pure corn chop.....	9.00	2.00	3.00	99
<b>J. L. Knight:</b>				
Kafir corn chop.....	10.00	3.00	3.00	100
Corn chop.....	10.00	3.00	3.00	100
<b>Marlow Seed Co.:</b>				
I. X. L. brand poultry food.....	11.00	3.21	3.68	10, 50, 100
<b>Peerless Mills:</b>				
Corn chop.....	9.40	3.10	3.40	100
Kafir chop.....	9.80	2.70	2.70	100
Mixed feed.....	9.80	3.70	7.20	100
Corn bran.....	8.70	5.60	12.40	Bulk.
<b>Banner Mills (O. C. Poenisch):</b>				
Corn chop.....	9.40	3.10	3.10	100
<b>Pond Creek Mill and Elevator Co.:</b>				
Corn chop.....	9.00	3.00	5.00	99
Bran mixture.....	14.00	3.00	14.00	99
Wheat shorts and ground screenings.....	15.00	3.00	8.00	99
Mixed feed.....	14.00	3.00	12.00	99
<b>The Red Star Mill and Elevator Co.:</b>				
Wheat bran and screenings.....	14.00	3.00	14.00	98, 99
Mill run wheat bran and screenings.....	14.00	3.50	12.00	98, 99
Wheat shorts.....	15.00	3.00	6.00	98, 99
Corn chop.....	9.00	3.00	5.00	98, 99
<b>Charles Siever:</b>				
Corn chop.....	7.62	4.13	3.10	99½
<b>The Stevens-Scott Grain Co.:</b>				
Pure corn chop.....	9.54	3.99	2.58	99
Pure kafir corn chop.....	10.26	3.02	2.58	99
<b>F. Tanner:</b>				
Corn chop.....	9.40	3.10	3.10	100
<b>Vertical Mills:</b>				
Corn chop.....	9.40	3.10	3.10	100
Kafir chop.....	9.90	2.30	2.50	100
<b>Wallingford Bros.:</b>				
Corn chop.....	9.20	3.00	3.30	99
<b>Watson Mill Company:</b>				
Wheat bran and screenings.....	14.00	3.75	10.00	99
Mill run bran and screenings.....	14.00	3.75	10.00	99
Wheat middlings.....	15.10	2.85	5.06	99
Wheat shorts and screenings.....	15.10	2.85	5.06	99
Corn chop.....	8.00	3.50	4.00	99
<b>The Otto Weiss Alfalfa Stock Food Co.:</b>				
Otto Weiss "Keepemfat" feed.....	10.00	3.50	5.00	100
Pure dustless alfalfa meal.....	14.00	1.50	30.00	100
Otto Weiss fancy driving-horse feed.....	12.00	3.50	15.00	100
Otto Weiss stock feed.....	11.00	3.50	14.00	100
Otto Weiss alfalfa and corn chop.....	11.00	3.00	14.00	100
Otto Weiss Sweet Feed No. 1.....	10.00	2.00	20.00	100
Otto Weiss Sweet Feed No. 2.....	10.00	2.00	14.00	100
Otto Weiss Sweet Feed No. 3.....	10.00	2.00	15.00	100
Otto Weiss Sweet Feed No. 4.....	10.00	2.00	15.00	100
Otto Weiss Sweet Feed No. 5.....	8.00	0.75	25.00	100
Otto Weiss oats and corn chop.....	11.00	4.50	9.00	100
Corn chop.....	9.00	3.50	3.50	100
Otto Weiss kafir corn chop.....	10.00	3.00	3.00	100
Otto Weiss hen feed.....	10.00	3.00	3.00	10, 25, 50, 100
Otto Weiss chick feed.....	10.00	2.00	3.00	10, 25, 50, 100
Otto Weiss poultry mash.....	14.00	3.00	8.00	10, 25, 50, 100
<b>West Side Mill:</b>				
Corn chop.....	9.00	3.00	3.50	100
Mixed hen feed.....	9.00	3.00	4.00	25, 50, 100
<b>Wichita Central Seed Co.:</b>				
Border's hen feed.....	9.00	2.50	5.00	25, 50, 100
Border's chick feed.....	8.00	2.00	10.00	25, 50, 100

FEEDS REGISTERED SEPTEMBER 30, 1913.—CONCLUDED.

NAMES OF FIRMS AND FEEDS REGISTERED.	Guaranteed analysis.			Net weight of packages.
	Per cent protein not less than—	Per cent fat not less than—	Per cent crude fiber not more than—	
<b>WICHITA, KAN.—CONCLUDED.</b>				
Wichita Grain, Feed and Seed Co.:				
Corn chop .....	9.20	2.80	3.90	99
Kafir chop .....	9.60	2.60	2.80	99
Wheat chop .....	10.70	1.80	3.00	99
<b>WILSON, KAN.</b>				
Yost Milling Co.:				
Bran and wheat screenings.....	16.50	3.50	11.50	99
Mill run and wheat screenings.....	16.00	4.00	9.80	99
Pure wheat shorts.....	18.00	3.40	6.50	99
<b>WINFIELD, KAN.</b>				
The Alexander Milling Co.:				
O. B. shorts and screenings.....	18.40	4.50	6.90	99
O. B. mill run and screenings.....	17.60	4.20	8.60	99
O. B. bran and screenings.....	16.40	4.10	10.20	99
O. B. corn chop and corn bran.....	9.40	3.10	3.10	99
O. B. kafir corn chop.....	9.50	3.00	2.25	99
The Baden-Vilm Milling Co.:				
Wheat shorts.....	14.05	4.00	3.92	99
Wheat bran.....	14.05	3.50	10.00	99
Mill run wheat bran.....	16.36	3.32	9.85	99
Wheat bran, screenings and corn bran.....	14.75	3.75	9.50	99
Kafir chop.....	10.26	3.02	2.53	99
Corn chop.....	9.00	3.00	3.10	99

TABLE GIVING RESULTS OF ANALYSES OF MILL-PRODUCT SAMPLES.

FEED-CONTROL SECTION.

1912-1913.

COMMODITY.	Protein.			Fat.			Crude fiber.			Number of samples.
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	
Wheat bran.....	21.6	13.0	16.6	4.6	3.3	4.0	12.7	6.6	9.9	74
Bran and screenings.....	19.8	12.9	16.7	5.0	3.3	4.1	12.5	7.2	10.2	63
Corn and wheat bran.....	16.7	11.2	14.4	6.4	4.0	5.2	12.9	10.1	11.1	6
Shorts.....	21.4	14.4	18.0	5.7	3.2	4.2	9.5	2.5	5.4	94
White shorts.....	19.5	12.9	17.0	4.9	2.0	3.5	5.9	1.5	3.7	23
Brown shorts.....	20.6	17.2	18.7	5.0	4.5	4.8	7.5	5.2	6.7	4
Shorts and screenings.....	19.2	17.6	18.3	4.9	3.8	4.5	10.8	4.1	6.9	12
White shorts and screenings.....			19.2			3.7			5.4	1
Red dog.....			16.5			2.3			1.6	1
Mill run.....	19.8	16.2	17.9	4.7	3.7	4.2	10.3	6.5	8.5	17
Mill run and screenings.....	19.0	14.8	17.8	4.8	3.4	4.3	11.2	7.2	9.0	20
Corn chop.....	13.4	8.3	10.0	5.2	2.2	3.6	5.0	1.6	3.7	23
Corn chop and corn bran.....	12.6	9.3	10.7	4.8	3.5	4.0	6.0	1.9	3.0	15
Corn bran.....	12.8	6.4	9.8	9.8	2.5	6.1	15.7	3.5	10.0	27
Corn and cob meal.....	9.7	7.0	8.5	3.7	3.0	3.4	9.6	6.8	7.8	4
Cob meal.....	4.7	2.1	3.4	1.0	.5	.7	36.6	27.6	32.1	2
Corn and oats chop.....	11.6	11.0	11.3	4.7	4.1	4.4	7.7	5.8	6.7	2
Wheat scourings.....	12.0	9.4	10.7	2.6	1.8	2.2	24.9	20.6	22.8	2
Wheat chop.....	18.4	11.8	18.6	1.9	1.5	1.7	4.0	2.3	2.7	8
Kafir*.....			9.9			2.8			2.5	19

\*Quoted from U. S. Department of Agriculture, Bureau of Plant Industry, Bulletin No. 203.