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UNITED STATES DEPARTMENT OF AGRICULTURE

BULLETIN No. 948

Joint Contribution from the Bureau of Markets, GEORGE LIVINGSTON, Chief,
and the Bureau of Chemistry, CARL L. ALSBERG, Chief

Washington, D. C.

September 10, 1921

COMPOSITION OF COTTON SEED

By

CHARLES F. CRESWELL, formerly Specialist in Marketing Vegetable
Oils, Bureau of Markets,

and

GEORGE L. BIDWELL, Chemist in Charge, Cattle Food Laboratory,
Miscellaneous Division, Bureau of Chemistry

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For crushing purposes cotton seed consists of oil, meal, hulls, linters, and waste matter, the proportion of each varying widely in different sections of production and under different conditions. The composition of seed is influenced by climate, soil, season, fertilizer, and variety, as well as by methods of treatment of the seed before and after the cotton is picked. All of these factors vary so much that seed is of different value not only in widely separated sections and in different years but often in a particular community and at the same time.

This bulletin is issued for the guidance of producers, dealers, and crushers in order that they may know more nearly the content of the product in which they are dealing and be better able to judge the value and consequently the price that can be paid for seed. It sets

¹ Acknowledgment is made of the assistance rendered and the courtesies extended by chemists and oil millers in making available their original records, on which this report is based and which made this investigation possible.

forth data showing as nearly as possible approximate oil and meal yields in each county of the cotton belt. These data are not necessarily conclusive, as the volume of information available for many counties is comparatively small. Moreover, even if complete information as to yields were available, figures could not be laid down which would be absolutely accurate as to subsequent yields. It is believed, however, that the information given herein will be of material assistance to those who apply it with an understanding of general and local market conditions.

SOURCES OF INFORMATION.

Records of analyses of cotton seed made by company and commercial chemists during the five seasons 1914-15 to 1918-19, inclusive, were collected from the original analytical sheets by representatives of the Department of Agriculture. Data regarding 59,964 analyses were thus secured, but records of only 46,029 samples were used in this study, as in order to cover only prime seed records of samples showing marked damage or of samples collected prior to September 1 and subsequent to January 31 are not included. The States of Georgia, South Carolina, and Alabama were the largest contributors of records of analyses, while some other States furnished comparatively few records.

As chemists make and report analyses of clean seed, an arbitrary allowance of 100 pounds of foreign matter and manufacturing loss per ton of seed has been made in presenting these data in order to approach as nearly as possible actual commercial conditions. This is the customary allowance made by chemists and is in line with losses reported by the Bureau of the Census, as shown in Table III, page 6.

SEED PRODUCED AND CRUSHED, BY STATES.

The quantity of seed produced differs materially from the quantity crushed in each State, because a considerable volume is retained on the farms and a considerable movement of seed for crushing from one State to another takes place each year. The quantity of seed crushed in each State during each year and the average for the five years, as compiled from records of the Bureau of the Census, are shown in Table I, page 5. Similar data showing the quantity of seed for crushing produced in each State are shown in Table II, page 5. As an illustration of the difference between the quantity of seed produced and the quantity crushed in a specific State, it is noted that in Tennessee an average of 123,000 tons was produced and an average of 264,000 tons was crushed. In Table III, page 6, are given the average total quantity of products and the average manufacturing loss per ton of seed, and in Table IV, page 6, the

average yields of oil and meal, as compiled from records of the Bureau of the Census.

YIELDS OF OIL AND MEAL, BY STATES AND COUNTIES.

The yields of oil and meal in each State and in the United States during each year, also the five-year average yields, as compiled from the records of analyses, are shown in Table V, page 7. Yields by States shown by these analyses are very close to actual yields, as reported by oil millers to the Bureau of the Census. It should be remembered that information based on analyses applies to seed produced within each State, whereas the information based on actual yields applies to seed crushed within each State, which amounts have been shown to vary considerably. Also, information given in Table V is based on meal with a theoretical ammonia content of 8 per cent in Texas and Oklahoma and 7 per cent in all other States, whereas that reported in Table IV is based on the actual meal produced at the mills, regardless of composition. This close agreement between the data from the two different sources is interesting in that it indicates the reliability of the analyses and the data presented in Tables V, page 7, to VIII, page 209, inclusive. However, as previously pointed out, the yields for individual counties as presented in Table VI, page 8, in some instances probably are not representative, on account of the small number of records, or other conditions beyond control of the investigation. The maps of the different States on pages 211 to 221 show the average yields of oil per ton of seed by counties in ranges of 15 pounds.

YIELDS OF OIL AND MEAL, BY MONTHS.

Qualities of seed vary as the season advances. Early seed usually has a greater moisture and smaller oil content, and late seed is usually affected adversely by weather conditions. Table VII, page 202, shows the monthly variation of oil and meal yields for each of the five years and an average for the period for the United States and for individual States. As only the five months, September to January, inclusive, are shown, the variations do not appear so great as they would were the entire season represented.

VARIATION OF YIELDS OF OIL AND MEAL ON SAME MARKET.

In Table VIII, page 209, data are presented which show a few selected examples of variations in oil and meal yields in the same market on the same day. It will be noted that with seed grown under conditions which may appear similar to the seller and buyer, a considerable difference in intrinsic value sometimes exists. A determination of such differences is, of course, impossible in most instances without a chemical analysis of the seed at the time of sale. Under

present conditions such a course would not be practical, but analyses of carloads of uniform lots of seed would be of material assistance.

FOREIGN MATTER.

Large quantities of useless foreign matter which cost many thousands of dollars and require the use of many freight cars are sold and transported with cotton seed annually. A high content of foreign matter generally causes damage to seed, resulting in a poorer quality and smaller quantity of products. Oil-mill men claim that if the cost for the purchase, handling, and transportation of foreign matter were eliminated money thus saved would go to the producers, as the oil mills could pay higher prices for clean seed without increasing the prices of the manufactured products.

In Plate I is shown a pile of foreign matter removed from one carload of unusually dirty seed. The figures regarding this car of seed were as follows:

Weight of seed and foreign matter.....	pounds..	31,200
Weight of foreign matter.....	do....	3,500
Net weight of seed.....	do....	27,700
Value net weight of seed at \$55 per ton.....		\$761.75
Foreign matter at \$55 per ton.....		96.25
Freight on shipment at \$1.50 per ton.....		23.40
Freight paid on foreign matter.....		2.62

The oil mill that bought this car of seed cleaned out the foreign matter and paid the shipper only for the net weight of the clean seed. The freight on the trash, however, as well as the expense and trouble of cleaning the seed, was incurred by the mill. A large portion of foreign matter could be eliminated easily if all gins were properly equipped and operated and if cotton seed were sold with reference to cleanness in such a way that clean seed would bring proportionately more than dirty seed.

IMPORTANCE OF ANALYZING COTTON SEED.

A careful study of the figures here presented, together with a study of present-day conditions, will show that if the composition of commercial lots of cotton seed as shown by analyses were known to a greater extent, it would be better for both buyer and seller, and probably the quality of seed would improve greatly. During the five years covered by these records approximately 60,000 analyses were made to determine the quality of seed for purchase or to determine the quality of seed in a particular section or community. In addition to analyses for these purposes, many analyses were made to check the yields at the oil mills. It doubtless will be a distinct forward step when all mills have their seed analyzed and keep close watch of actual yields so that any mechanical or other defect that

FOREIGN MATTER CLEANED FROM ONE CAR OF COTTON SEED.

reduces yields can be immediately discovered and remedied. Analyses also could be of more use to all concerned in determining the value of seed for selling and purchasing, and it is believed that all producers would be well paid for having a sample of each car of uniform seed analyzed so that it might be sold on a basis of actual value.

DAMAGED SEED.

In the collection of these data it was apparent that many lots of seed came to market in a badly damaged condition. This source of loss, which is largely preventable by proper care before and after ginning, is an economic loss for three reasons: First, the oil from damaged seed is of lower value, having a higher refining loss and producing a lower grade of refined oil; second, the meal from damaged seed often is not fit for feeding purposes and can be used only for fertilizer; third, damaged seed in the warehouses in many instances causes seed to heat which otherwise would remain sound. All possible efforts should be taken to prevent damage of seed.

TABLE I.—*Cotton seed crushed in different States, by years.*¹

State.	5-year average.	1918-19.	1917-18.	1916-17.	1915-16.	1914-15.
United States.....	<i>Tons.</i> 4, 638, 000	<i>Tons.</i> 4, 479, 000	<i>Tons.</i> 4, 252, 000	<i>Tons.</i> 4, 479, 000	<i>Tons.</i> 4, 202, 000	<i>Tons.</i> 5, 780, 000
Alabama.....	291, 000	249, 000	180, 000	198, 000	328, 000	502, 000
Arkansas.....	309, 000	294, 000	300, 000	368, 000	269, 000	314, 000
Georgia.....	843, 000	841, 000	764, 000	767, 000	791, 000	1, 054, 000
Louisiana.....	177, 000	195, 000	201, 000	174, 000	138, 000	176, 000
Mississippi.....	438, 000	471, 000	426, 000	388, 000	376, 000	528, 000
North Carolina.....	320, 000	389, 000	262, 000	264, 000	298, 000	388, 000
Oklahoma.....	295, 000	221, 000	305, 000	307, 000	229, 000	411, 000
South Carolina.....	362, 000	421, 000	338, 000	261, 000	328, 000	461, 000
Tennessee.....	264, 000	292, 000	235, 000	291, 000	226, 000	278, 000
Texas.....	1, 213, 000	955, 000	1, 121, 000	1, 350, 000	1, 123, 000	1, 515, 000
All others.....	126, 000	150, 000	119, 000	112, 000	95, 000	154, 000

¹ Compiled from Bureau of the Census Bulletin 140.

TABLE II.—*Quantity of crushing seed produced.*¹

State.	5-year average.	1918-19.	1917-18.	1916-17.	1915-16.	1914-15.
United States.....	<i>Tons.</i> 4, 638, 000	<i>Tons.</i> 4, 479, 000	<i>Tons.</i> 4, 252, 000	<i>Tons.</i> 4, 479, 000	<i>Tons.</i> 4, 202, 000	<i>Tons.</i> 5, 780, 000
Alabama.....	342, 000	296, 000	196, 000	211, 000	382, 000	624, 000
Arizona.....	13, 000	22, 000	4, 000	.....	.....	.....
Arkansas.....	368, 000	367, 000	366, 000	443, 000	307, 000	364, 000
California.....	18, 000	27, 000	21, 000	18, 000	8, 000	17, 000
Florida.....	17, 000	9, 000	13, 000	18, 000	17, 000	29, 000
Georgia.....	779, 000	788, 000	710, 000	712, 000	719, 000	971, 000
Louisiana.....	186, 000	219, 000	242, 000	175, 000	130, 000	162, 000
Mississippi.....	382, 000	457, 000	340, 000	318, 000	357, 000	445, 000
Missouri.....	22, 000	22, 000	21, 000	22, 000	17, 000	29, 000
North Carolina.....	284, 000	336, 000	234, 000	255, 000	265, 000	335, 000
Oklahoma.....	317, 000	215, 000	361, 000	323, 000	240, 000	451, 000
South Carolina.....	476, 000	582, 000	463, 000	363, 000	424, 000	549, 000
Tennessee.....	123, 000	121, 000	89, 000	152, 000	113, 000	139, 000
Texas.....	1, 298, 000	1, 003, 000	1, 178, 000	1, 456, 000	1, 210, 000	1, 647, 000
Virginia.....	9, 000	9, 000	9, 000	9, 000	8, 000	12, 000
All others.....	4, 000	4, 000	4, 000	4, 000	4, 000	6, 000

¹ Compiled from data published in Bureau of the Census Bulletin 140.

TABLE III.—*Total products yielded and manufacturing loss per ton of seed.*¹

State.	3-year average.		1918-19.		1917-18.		1916-17.	
	Yield.	Loss.	Yield.	Loss.	Yield.	Loss.	Yield.	Loss.
United States..	<i>Pounds.</i> 1,882	<i>Pounds.</i> 118	<i>Pounds.</i> 1,877	<i>Pounds.</i> 123	<i>Pounds.</i> 1,881	<i>Pounds.</i> 119	<i>Pounds.</i> 1,889	<i>Pounds.</i> 111
Alabama.....	1,876	124	1,882	118	1,865	135	1,879	121
Arkansas.....	1,871	129	1,859	141	1,878	122	1,874	126
Georgia.....	1,881	119	1,886	114	1,874	126	1,883	117
Louisiana.....	1,866	134	1,857	143	1,854	146	1,889	111
Mississippi.....	1,890	110	1,884	116	1,892	108	1,896	104
North Carolina.....	1,860	140	1,870	130	1,845	155	1,861	139
Oklahoma.....	1,886	114	1,867	133	1,883	117	1,902	98
South Carolina.....	1,861	139	1,860	140	1,853	147	1,872	128
Tennessee.....	1,879	120	1,855	145	1,910	90	1,882	118
Texas.....	1,895	105	1,885	115	1,896	104	1,901	99
All others.....	1,913	87	1,917	83	1,920	80	1,901	99

¹ Compiled from Bureau of the Census Bulletin 140.TABLE IV.—*Oil and meal yields per ton of seed.*¹

State.	3-year average.		1918-19.		1917-18.		1916-17.	
	Oil.	Meal.	Oil.	Meal.	Oil.	Meal.	Oil.	Meal.
United States..	<i>Pounds.</i> 306	<i>Pounds.</i> 978	<i>Pounds.</i> 296	<i>Pounds.</i> 969	<i>Pounds.</i> 309	<i>Pounds.</i> 972	<i>Pounds.</i> 314	<i>Pounds.</i> 993
Alabama.....	313	971	300	972	313	933	329	1,004
Arkansas.....	306	982	289	947	320	976	309	1,014
Georgia.....	321	963	310	947	320	958	335	984
Louisiana.....	307	1,047	295	1,024	311	1,043	316	1,079
Mississippi.....	322	1,012	305	1,003	330	1,007	333	1,028
North Carolina.....	321	956	319	958	312	943	332	966
Oklahoma.....	284	1,001	267	982	289	997	292	1,020
South Carolina.....	321	959	312	959	319	954	337	967
Tennessee.....	312	956	292	957	326	930	320	975
Texas.....	284	975	272	974	285	971	292	979
All others.....	305	995	298	983	308	1,011	312	995

¹ Compiled from Bureau of the Census Bulletin 140.

NOTE.—Linters and hulls are not accounted for in this table.

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses.*

ALABAMA.

BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—		Crop season.															
				1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.
		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
State.....	5,259	321	968	1,465	306	1,019	328	553	342	944	335	898	317	974	321	1,503	317	964	967
Autauga.....	123	325	956	31	319	1,012	342	2	342	944	3	346	898	303	964	51	317	964	964
Baldwin.....	2	314	1,066	2	314	1,066	347	1	347	925	9	346	908	312	964	47	322	915	915
Barbour.....	161	328	946	20	311	1,018	314	2	314	944	1	334	975	311	958	4	344	940	940
Bibb.....	11	326	954	6	292	1,004	377	3	377	938	1	354	887	320	962	4	322	939	939
Blount.....	18	325	946																
Bullock.....	296	320	959	30	307	1,006	334	14	334	929	11	325	919	316	985	155	316	956	956
Butler.....	77	314	975	22	296	1,051	320	9	320	929	4	331	928	316	994	18	307	972	972
Burnham.....	54	324	963	21	310	999	336	2	336	1,008	21	333	899	326	952	8	317	958	958
Chambers.....	84	315	930	18	293	954	317	8	317	904	32	327	885	323	940	13	316	967	967
Cherokee.....	46	318	960	35	312	1,014	333	3	333	952	1	329	890	314	946	3	304	999	999
Chilton.....	97	320	942	21	309	1,011	336	3	336	911	2	325	884	312	964	45	320	939	939
Choctaw.....	1	352	988					1	352	988									
Clarke.....	20	322	990	11	313	1,015	309	1	309	979	3	339	999	327	1,027	1	323	928	928
Clay.....	9	305	973	1	311	1,064	306	3	306	956	2	314	906	327	1,027	3	304	968	968
Cleburne.....	3	319	972					1	306	956									
Coffee.....	116	318	971	16	300	1,035	319	13	319	961	2	346	923	310	991	59	314	945	945
Colbert.....	71	327	947	43	300	1,015	336	8	336	895	6	351	884	331	949	4	316	993	993
Conner.....	69	328	980	34	308	1,035	340	3	340	992	7	340	904	331	1,018	14	320	953	953
Coosa.....	18	331	967	8	325	1,002	333	2	328	947	5	330	947	330	972	3	341	947	947
Covington.....	51	316	994	28	297	1,039	333	5	333	962				310	968	12	324	1,007	1,007
Crenshaw.....	117	323	975	33	308	1,041	326	8	326	966	6	335	921	324	962	34	321	984	984
Cullman.....	75	324	985	35	305	1,035	323	5	323	864	5	331	899	323	941	31	338	934	934
Dale.....	34	321	969	4	326	991	311	2	311	988	4	342	881	312	987	10	324	997	997
Dallas.....	317	326	973	19	309	1,001	323	39	323	968	74	342	930	320	980	59	336	984	984
DeKalb.....	32	327	984	8	309	1,051	332	1	332	969	6	352	925	317	992	12	326	985	985

COMPOSITION OF COTTON SEED.

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Elmore.....	172	319	957	31	307	1,022	17	320	948	3	349	885	55	311	962	66	310	968
Esambia.....	138	317	1,007	45	304	1,045	55	316	999	3	335	1,003	23	309	1,020	12	323	972
Flowah.....	18	316	948	6	312	1,034	.....	.....	.....	2	338	877	7	324	969	3	321	912
Rayede.....	8	311	956	2	295	1,007	.....	.....	.....	1	328	922	.....	.....	.....	5	310	940
Franklin.....	62	323	965	32	302	1,045	3	335	948	5	353	917	10	326	964	12	319	953
Geneva.....	73	309	1,000	28	297	1,054	7	296	957	2	332	953	16	307	1,033	20	313	1,004
Greene.....	8	335	969	.....	.....	.....	.....	.....	.....	2	328	938	2	337	975	4	341	995
Hale.....	45	326	977	5	317	1,043	7	327	959	3	329	942	19	315	986	11	345	957
Henry.....	47	321	1,008	14	309	1,018	5	325	985	7	333	947	14	315	1,056	7	324	1,022
Houston.....	124	308	1,007	35	295	1,069	9	314	1,007	18	321	931	42	308	1,046	20	301	982
Jackson.....	24	320	955	13	310	998	1	336	884	1	300	956	5	308	945	4	345	992
Jefferson.....	17	321	982	6	299	1,026	.....	.....	.....	1	342	928	5	311	974	5	333	998
Lamar.....	11	318	974	3	321	978	.....	.....	.....	1	319	941	2	311	996	5	320	982
Lauderdale.....	40	309	956	25	296	1,025	4	329	903	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence.....	86	310	972	56	305	1,004	.....	.....	.....	.....	.....	.....	24	315	931	6	310	981
Lee.....	101	328	954	30	320	980	5	330	961	8	344	915	20	327	943	38	317	970
Limestone.....	138	317	958	59	302	1,021	13	312	877	2	334	930	55	320	966	9	319	994
Lowndes.....	187	317	972	21	317	1,021	10	313	953	2	329	926	51	317	980	103	307	975
Macon.....	140	324	957	28	308	1,021	15	319	925	2	359	868	62	320	957	33	315	984
Madison.....	67	320	967	34	301	1,025	15	334	917	.....	.....	.....	18	326	960	.....	.....	.....
Marango.....	172	321	993	70	303	1,041	55	323	974	3	347	972	27	307	1,004	17	323	973
Marion.....	17	329	965	1	297	1,054	2	331	902	1	356	928	4	342	962	9	321	977
Marshall.....	34	318	945	11	298	1,025	1	325	852	11	320	931	3	316	972	8	329	943
Mobile.....	9	307	961	2	292	1,015	1	311	940	.....	.....	.....	4	310	968	2	315	921
Monroe.....	131	320	968	25	300	1,016	82	322	992	1	339	921	8	317	957	15	321	955
Montgomery.....	485	319	968	98	304	1,006	55	322	966	3	339	890	110	315	1,006	219	315	971
Morgan.....	252	328	962	182	298	1,007	2	354	975	7	347	920	35	318	949	26	322	958
Perry.....	23	317	962	2	309	982	5	335	988	1	316	934	6	306	959	9	321	947
Pickens.....	3	317	1,009	2	310	1,023	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	324	994
Pike.....	149	321	946	14	311	1,026	3	328	941	6	337	880	69	314	932	57	315	952
Randolph.....	9	329	951	2	323	988	.....	.....	.....	4	348	880	3	306	984	.....	.....	.....
Russell.....	206	321	956	40	304	1,007	11	335	924	11	341	883	52	313	1,000	92	313	965
Saint Clare.....	26	318	964	2	281	1,051	5	339	910	3	322	912	5	323	977	11	327	968
Shelby.....	40	323	957	3	309	989	3	336	922	1	336	947	9	312	975	24	322	953
Sumter.....	14	325	961	1	314	.....	.....	.....	.....	3	333	952	8	321	954	2	331	977
Tallahassee.....	82	318	954	28	305	1,008	10	321	944	13	329	876	15	310	954	16	325	987
Tallahassee.....	83	326	935	31	313	945	1	336	937	10	345	906	22	321	950	19	315	989
Tuscaloosa.....	12	324	954	.....	.....	.....	3	332	963	1	319	899	5	310	991	3	336	962
Walker.....	27	317	961	4	296	1,076	2	317	878	4	350	942	4	325	951	13	315	975
Washington.....	2	325	1,009	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	335	1,009	.....	.....	.....
Wilcox.....	62	320	992	23	306	1,039	11	322	993	2	350	950	13	333	965	13	328	1,013
Winston.....	13	322	953	5	291	975	2	353	964	1	322	921	1	334	940	4	212	965

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

ALABAMA—Continued.

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Autauga:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
September.....		325	956	31	319	1,012	2	342	944	3	346	898	36	303	964	51	317	964	
October.....																			
November.....				1	309	1,089													
December.....				1	319	1,042													
Average.....	2	314	1,006	2	314	1,006													
Barbour:																			
September.....				15	311	979	1	347	925	1	353	899	22	315	956	10	330	944	
October.....				2	305	1,035	3			3	341	925	40	309	921	13	315	906	
November.....				2	315	998	5			5	341	899	8	316	982	4	311	903	
December.....				1	314	1,058							14	309	908	17	323	915	
January.....																3	332	909	
Average.....	161	328	946	20	311	1,018	1	347	925	9	346	908	84	312	964	47	322	915	
Bibb:																			
September.....																			
October.....										1	334	975	1	316	963				
November.....																2	321	906	
December.....													2	312	937	1	355	918	
January.....													1	304	985	1	355	997	
Average.....	11	326	954				2	314	944	1	334	975	4	311	958	4	344	940	

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

ALABAMA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
Crenshaw:																			
September.....		15	299	1,036	4	331	975	3	351	956	15	314	940	5	318	988	1,004		
October.....		4	310	1,070	2	323	944	1	332	909	9	318	947	4	321	991	1,001		
November.....		6	295	1,048	2	325	979	2	321	899	5	329	975	6	325	991	1,013		
December.....		7	306	1,039							7	333	985	10	320	978	959		
January.....		1	332	1,013										9	319	959			
Average.....	117	3.3	308	1,041	8	326	966	6	335	921	36	324	962	34	321	984			
Cullman:																			
September.....		12	282	988	1	325	903	2	348	874				1	353	941			
October.....		13	302	1,016	2	323	906	2	333	899	1	335	959	10	330	925			
November.....		3	314	1,055	1	330	858	1	313	925	8	310	922	4	339	940			
December.....		5	313	1,045	1	312	789							2	338	937			
January.....		2	314	1,073										4	332	928			
Average.....	75	3.24	305	1,035	5	323	864	5	331	899	9	323	941	21	338	934			
Dale:																			
September.....		3	328	978				4	330	912	4	326	1,007	1	289	1,007			
October.....		1	323	1,004							3	312	960	2	310	1,001			
November.....					2	331	988	1	296	849	1	315	988	3	346	1,013			
December.....											3	308	987	1	360	953			
January.....											2	298	982	3	315	1,013			
Average.....	31	3.21	326	991	2	331	988	5	313	881	13	312	987	10	324	997			
Dallas:																			
September.....		9	307	975	9	325	1,004	28	352	941	39	320	960	22	342	963			
October.....		4	311	1,010	21	323	950	20	348	921	28	320	960	16	343	963			
November.....		3	315	975	9	320	941	20	334	925	28	323	960	12	333	979			
December.....		3	303	1,045				6	333	931	23	323	960	4	330	1,001			
January.....											8	312	998	5	332	1,016			
Average.....	317	3.26	309	1,001	39	323	968	74	342	930	126	320	980	59	336	984			

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Madison:	7	285	1,010	4	337	912	3	347	972	9	316	991	5	321	969	
	9	301	1,013	8	315	979	3	347	972	1	298	982	13	330	950	
	1	314	1,007	14	325	972	.....	.....	.....	5	315	1,007	.....	.....	.....	.....
	14	306	1,054	.....	330	922	.....	.....	.....	11	302	1,016	.....	.....	.....	.....
	3	298	1,042	11	330	922	.....	.....	.....	1	304	1,023	.....	.....	.....	.....
Average.....	34	301	1,025	15	334	917	.....	.....	.....	18	326	960	.....	.....	.....	.....
Marango:	35	310	1,023	8	315	979	3	347	972	9	316	991	.....	.....	.....	972
	15	303	1,055	14	325	972	.....	.....	.....	1	298	982	.....	.....	.....	900
	9	303	1,032	24	327	966	.....	.....	.....	5	315	1,007	.....	.....	.....	982
	7	289	1,039	4	333	963	.....	.....	.....	11	302	1,016	.....	.....	.....	900
	4	310	1,054	5	314	991	.....	.....	.....	1	304	1,023	.....	.....	.....	982
Average.....	70	303	1,041	55	323	974	3	347	972	27	307	1,004	.....	.....	.....	973
Marion:	.....	.....	.....	2	331	902	1	356	928	1	332	934	.....	.....	.....	997
	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	348	969	.....	.....	.....	988
	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	345	982	.....	.....	.....	934
	1	297	1,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	947
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	977
Average.....	17	297	1,054	2	331	902	1	356	928	4	342	962	.....	.....	.....	.....
Marshall:	2	282	1,045	.....	.....	.....	3	350	915	.....	.....	.....	.....	.....	.....	934
	2	296	1,061	.....	.....	.....	.....	.....	.....	1	330	982	.....	.....	.....	950
	1	306	956	1	325	852	3	317	937	.....	.....	.....	.....	.....	.....	944
	5	302	1,032	.....	.....	.....	2	303	890	1	307	979	.....	.....	.....	.....
	1	302	1,032	.....	.....	.....	5	308	893	1	310	956	.....	.....	.....	.....
Average.....	11	298	1,025	1	325	852	11	320	931	3	316	972	.....	.....	.....	943
Mobile:	.....	.....	.....	1	311	940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1	288	991	.....	.....	.....	.....	.....	.....	1	314	985	.....	.....	.....	.....
	.....	.....	.....	1	311	940	.....	.....	.....	1	316	969	.....	.....	.....	.....
	1	295	1,039	.....	.....	.....	.....	.....	.....	2	299	950	.....	.....	.....	883
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	959
Average.....	9	292	1,015	1	311	940	.....	.....	.....	4	310	968	.....	.....	.....	921
Monroe:	11	320	1,020	38	325	982	.....	.....	.....	.....	.....	.....	.....	.....	.....	922
	5	298	1,029	20	315	978	.....	.....	.....	2	310	966	.....	.....	.....	944
	1	293	940	18	322	997	1	339	921	2	319	921	.....	.....	.....	906
	3	304	1,061	6	325	1,010	.....	.....	.....	4	323	985	.....	.....	.....	963
	3	285	1,032	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	979
Average.....	25	300	1,016	82	322	992	1	339	921	8	317	957	.....	.....	.....	955

[illegible]

ARIZONA.
BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—	Crop season.														
			1918-19.			1917-18.			1916-17.			1915-16.			1914-15.		
			Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
State.....	5	Pounds. 315	Pounds. 1,065		Pounds. 315	Pounds. 1,065		Pounds. 315	Pounds. 1,065		Pounds. 315	Pounds. 1,065		Pounds. 315	Pounds. 1,065		
Maricopa.....	4	310	1,031					310	1,031								
Yuma.....	1	319	1,099					319	1,099								

TABLE VI.—Yields of oil and meal, by countries, as compiled from analyses—Continued.

ARIZONA—Continued.

BY COUNTIES AND MONTHS.

[illegible]

ARKANSAS.

BY COUNTIES.

[illegible]

Bradley.....	6	312	978	3	274	1,088	1	329	877	1	311	1,007	2	332	968	374	1,216
Calhoun.....	18	304	1,002	8	278	1,064	7	313	961	2	334	1,047	1	334	1,032	320	1,034
Carron.....	4	350	1,098				2	342	1,018		334	1,036	4	324	1,055	8	
Chicot.....	81	320	1,031	40	295	1,036	24	325	1,018	5	319	1,102	1	331	912		
Clark.....	50	310	1,015	15	281	1,046	32	308	969	2							
Clay.....	116	303	967	23	283	1,017	29	316	882	13	302	999	51	311	971		
Cleburne.....	10	323	985	6	300	1,002	3	339	958	1	329	994					
Cleveland.....	31	299	1,049	18	283	1,111	11	303	1,010				2	310	1,026		
Columbia.....	34	306	974	12	284	1,041	3	321	953	2	303	972	15	318	958	2	947
Conway.....	37	306	997	14	285	1,028	11	323	920	1	302	1,093	7	316	925	4	1,017
Craighead.....	78	303	998	50	289	1,023	17	321	940	4	295	1,003	5	308	1,024	2	*998
Crawford.....	32	303	1,047	5	293	1,096	20	309	997	7	306						
Crittenden.....	208	319	972	140	301	1,026	37	335	935	15	325	987	14	316	1,030	2	883
Cross.....	61	298	1,018	37	292	1,030	16	295	922	2	306		3	290	1,019	3	365
Dallas.....	23	312	1,032	10	284	1,036	4	320	977	1	317	1,099	4	308	1,022	4	1,026
Desha.....	84	317	1,010	37	280	1,027	35	327	997	6	325	1,036	5	329	947	1	302
Drew.....	24	307	1,030	6	292	1,059	15	316	984	1	307	1,080	1	343	883	1	1,045
Faulkner.....	52	309	1,014	10	298	1,071	26	325	946	6	308	1,073	8	329	980	2	1,143
Franklin.....	24	293	1,041	4	297	1,062	17	315	1,020	2	293					1	998
Fulton.....	9	299	983	4	273	1,112	1	321	874					302	964		
Garland.....	7	304	1,055	3	287	1,088	4	320	1,021								
Grant.....	10	298	1,022	6	305	1,058	3	318	985							1	270
Greene.....	105	300	980	17	276		23	316	901	4	300	1,054	61	309	986		
Hempstead.....	104	314	1,003	47	291	1,060	29	318	993	22	308	985	3	330	926	3	1,050
Hot Springs.....	8	279	1,073	8	279	1,073											
Howard.....	12	300	1,037	6	290	1,053	4	310	997	2	300	1,061					
Independence.....	62	302	1,023	27	284	1,049	26	301	966	3	299	1,077	3	307	955	3	1,069
Izard.....	3	318	1,036				2	309			309					1	1,036
Jackson.....	172	300	1,012	45	286	993	47	322	979	18	307	1,089	53	301	972	9	1,045
Jefferson.....	299	315	1,013	114	286	1,030	72	320	1,001	76	328	998	20	310	1,063	17	1,032
Johnson.....	34	313	991	3	280	1,093	17	322	951	8	304	934	2	320	991	4	988
Lafayette.....	34	301	1,025	20	285	1,070	3	320	985	2	302	1,064	8	323	943	1	1,061
Lawrence.....	141	296	991	54	283	1,035	52	306	932	9	288	989	21	331	946	5	1,055
Lee.....	90	312	1,001	61	299	1,017	19	315	988	3	333	937	5	301	1,001	2	1,064
Lincoln.....	58	313	1,015	13	306	1,044	32	323	994	4	309	1,050	6	316	1,009	3	979
Little River.....	10	305	1,050	8	293	1,072	1	316	1,054					306	1,023		
Logan.....	39	297	1,025	13	290	1,068	17	309	1,012	8	287	985	1	303	1,045		
Lonoke.....	122	309	1,018	22	300	1,063	37	322	976	30	305	1,043	8	319	1,031	25	985
Madison.....	5	308	1,139	1	291	1,194	4	324	1,084								
Marion.....	15	314	977	5	298	1,019	10	329	935								
Miller.....	32	318	1,061	14	299	1,080	14	332	1,059	2	314	1,055					
Mississippi.....	377	314	977	213	302	1,023	92	326	963	15	318	953	50	315	1,001	7	1,050
Monroe.....	85	309	1,000	25	290	1,019	12	319	979	16	315	996	27	306	973	5	974
Montgomery.....	7	311	991	2	270	1,118	3	329	979	1	325	953		320	915		1,001
Nevada.....	9	284	1,077	6	280	1,085							2	312	1,001	1	1,146

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.		Sam- ples.	Oil.	Meal.		Sam- ples.	Oil.	Meal.		Sam- ples.	Oil.	Meal.
		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.	
Arkansas:																			
October.....		2	259	1,108	2	315	1,055												
November.....		1	272	1,007	1	324	1,026												
December.....		2	269	1,074				2	284	1,058									
Average.....	15	293	1,021	5	267	1,063	3	320	1,041	2	284	1,058	5	304	920				
Ashley:																			
September.....																			
October.....		9	293	1,080	4	302	998	3	336	1,017									
November.....		4	279	1,089	5	313	1,029												
December.....		1	275	1,162	7	320	1,029												
January.....		1	277	1,042	7	315	1,067												
Average.....	49	300	1,056	16	281	1,099	29	311	1,031	3	336	1,017							
Baxter:																			
November.....		3	312	1,051	1	298	925												
Average.....	4	315	988	3	312	1,051	1	298	925										
Benton:																			
September.....																			
October.....		1	285	1,045															
November.....		1	311	1,070															
December.....		3	291		1	266	950												
Average.....	8	292	991	6	296	1,058	1	266	950				1	315	966				
Boone:																			
December.....																			
Average.....	1	336	963		1	336	963												
Bradley:																			
September.....																			
October.....		1	294	1,146	1	329	877												
November.....		1	273	1,064															
January.....		1	256	1,051															
Average.....	6	312	978	3	274	1,088	1	329	877				2	332	968				

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

ARKANSAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—			Crop season.														
					1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Calhoun:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
September.....			263	3	1,070														
October.....			255	3	1,105	6	333	969	1	311	1,007								
November.....				1		1	313	953											
January.....			317	2	1,016														
Average.....	18	304	1,002	8	278	1,064	7	313	961	1	311	1,007	2	315	975				
Carroll:																			
September.....							1	341	985								1	374	
October.....							1	342	1,108									1,216	
Average.....	4	350	1,098				2	342	1,047								1	374	
Chicot:																			
September.....			305	9	1,013		5	309	1,039	4	334	1,023	4	324	1,055		3	307	
October.....			311	16	1,032		14	324	1,051								1	1,054	
November.....			295	8	1,054		1	338	997								330	1,067	
December.....			303	4	1,016		3	324	1,055	1	334	1,018					3	328	
January.....			282	3	1,064		1	329	917									998	
Average.....	81	320	1,031	40	295	1,036	24	325	1,018	5	334	1,036	4	324	1,055		1	313	
Clark:																	8	320	
September.....				7	994					2	319	1,102							
October.....			285	5	1,070		11	316	997								1	331	
November.....			297				11	313	1,023									912	
December.....							5	303	1,029										
January.....			274	1	1,023		5	299	947										
Average.....	50	310	1,015	15	281	1,046	32	308	999	2	319	1,102	1	331	912				

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

ARKANSAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total samples.	Crop season.											
		5-year average yield of—			1918-19.			1917-18.			1916-17.		
		Oil.	Meal.	Pounds.	Samples.	Oil.	Meal.	Samples.	Oil.	Meal.	Samples.	Oil.	Meal.
Grant:				Pounds.									
September.....				312	1		1,026						
October.....				2	2		295						
November.....				311	2		1,051						
December.....				300	1		1,092						
January.....												270	
Average.....	10	298	1,022		6	305	1,058	3	318	985		270	
Greene:													
September.....					1	249				1,004			
October.....					8	265		3	339	934	17	325	1,013
November.....					1	303		8	317	931	28	313	991
December.....					7	287		9	309	861	4	300	979
January.....								3	297	877		296	959
Average.....	105	300	980		17	276		23	316	901	61	309	986
Hempstead:													
September.....					7	280	1,051			985	2	331	953
October.....					11	289	1,073	10	325	991	1	330	899
November.....					24	281	1,058	9	314	988			
December.....					3	308	1,077	3	316	988			
January.....					2	295	1,039	7	315	1,004			
Average.....	104	314	1,003		47	291	1,060	29	318	993	22	330	926
Hot Spring:													
September.....					1	287	1,054						
October.....					4	275	1,080						
November.....					2	281	1,130						
December.....					1	274	1,026						
Average.....	8	279	1,073		8	279	1,073						

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Little River:	September	6	295	1,051	1	316	1,054	1	306	1,023	24	305	985
	October	2	291	1,092	1	316	1,054	1	306	1,023	1	288	985
	November	8	293	1,072	1	316	1,054	1	306	1,023			
	December	8	292	1,058	2	314	1,067	5	290	985			
	January	4	290	1,093	2	317	1,067	1	284				
Logan:	September	1	289	1,054	2	317	956	2	288	1,045	1	303	985
	October	1	289	1,054	2	317	956	2	288	1,045	1	303	985
	November	13	290	1,068	17	309	1,012	8	287	985	1	303	985
	December	8	296	1,036	3	325	1,007	17	308	1,054			
	January	6	303	1,045	10	333	979	7	302	1,036	6	310	985
Lonoke:	September	2	316	1,048	13	317	994	2	296	1,034	2	327	985
	October	2	296	1,074	7	314	972	4	312	1,026			
	November	4	298	1,061	4	323	928						
	December	22	300	1,053	37	322	976	30	305	1,043	8	319	985
	January	1	291	1,194	3	333	1,017						
Madison:	September	1	291	1,194	4	324	1,084						
	October	1	291	1,194	4	324	1,084						
	November	2	274	1,039									
	December	1	311	944	1	348	912						
	January	1	312	1,048	6	327	903						
Marion:	September	5	298	1,019	10	329	935						
	October	15	314	977									
	November	1	292	1,073				2	314	1,055			
	December	7	298	1,092							1	314	1,026
	January	6	306	1,074	1	352	1,207				1	341	1,073
Miller:	September												
	October												
	November												
	December												
	January												
Average:	September	32	299	1,080	14	332	1,039	2	314	1,055			
	October	32	299	1,080	14	332	1,039	2	314	1,055			
	November	32	299	1,080	14	332	1,039	2	314	1,055			
	December	32	299	1,080	14	332	1,039	2	314	1,055			
	January	32	299	1,080	14	332	1,039	2	314	1,055			

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

ARKANSAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.														
		1918-19			1917-18			1916-17			1915-16			1914-15		
		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
Mississippi:																
September.....		42	294	1,016	8	318	934	5	332	988	8	337	991	5	323	940
October.....		51	296	1,026	28	327	963				12	329	1,007	1	313	969
November.....		68	306	1,023	26	332	915	4	332	991	19	317	997			
December.....		34	307	1,051	24	330	906	2	313	941	10	303	1,004			
January.....		18	308	998	6	322	947	4	295	890	1	291	1,007	1	296	1,013
Average.....	377	213	302	1,023	92	326	933	15	318	953	50	315	1,001	7	311	974
Monroe:																
September.....		10	287	1,112	1	319	1,029	7	297	1,032	2	318	966	5	314	1,001
October.....		6	289	1,007	6	316	1,016	1	323	1,036	10	314	1,010			
November.....		4	292	998	4	322	979				12	308	975			
December.....		4	289	1,009				8	326	921	3	283	941			
January.....		1	295	1,029	1	317	890									
Average.....	85	25	290	1,049	12	319	979	16	315	996	27	306	973	5	314	1,001
Montgomery:																
September.....					1	319	1,055									
October.....		2	270	1,118	1	330	903									
December.....					1	338	979				1	320	915			
January.....								1	325	952						
Average.....	7	2	270	1,118	3	329	979	1	325	953	1	320	915			
Nevada:																
September.....		5	276	1,032							2	312	1,001	1	261	1,146
October.....		1	284	1,137												
Average.....	9	6	280	1,065							2	312	1,001	1	251	1,146

Randolph: September. October. November. December. January.	3	276	1,039	333	861	2	266	1,001	325	959		
	13	288	1,096	6	333				5	325		
	3	303	1,073	10	334	877			4	335	972	
	4	312	1,054	3	322	871			3	314	994	
	8	295	947						1	288	978	
Average.....	31	295	1,042	19	330	870	6	293	13	316	976	
St. Francis: September. October. November. December. January.	25	295	1,039	4	306	969	7	288	1,074	1,023	2	320
	24	303	1,031	14	315	969			2	294	997	314
	12	300	1,064	316	922				1	314	944	1,055
	6	303	1,036	4	311	906						
	3	304	1,004						304	982		
Average.....	70	301	1,039	34	312	942	14	298	1,015	302	1,055	
Soline: September. October. November. December. January.												
	4	302	969	2	314		1	330	1	340	960	
	2	291	1,010	2	321	928	1	319		322	975	
	6	309	1,073									
	2	318	1,086									
Average.....	17	305	1,035	4	318	928	2	325	2	331	968	
Scott: October. January.												
	2	282	1,150									
	1	284	1,153									
Average.....	3	283	1,152									
Searcy: November. January.												
Average.....	3	335	927									
Sebastine: September. October. November. December. January.	5	277	1,061	5	312	1,083	4	288	1,070	959	3	291
	4	299	1,064	17	323	1,016	3	303	1,055		4	312
				8	312	1,086						
				4	325	1,020						
	1	276	1,083	3	311	988						
Average.....	10	284	1,069	37	317	1,029	7	296	1,063	321	7	302
Sevier: September. November. January.												
	1	330	1,092				2	317	1,001			
	1	274	1,055	2	338	934						
Average.....	6	319	1,003	2	338	934	2	317	1,001			

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

ARKANSAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
Sharp:				2	298	1,039												
October.....																		
November.....							2	321	918	1	294	1,115						
December.....							3	327	903	1	311	1,121	1	318	1,026			
Average.....	10	311	1,024	2	298	1,039	5	324	911	2	303	1,118	1	318	1,026			
Stone:				1	253	1,112												
October.....																		
November.....																		
January.....																		
Average.....	5	289	1,019	1	253	1,112	4	325	926									
Union:				1	274		2	324	941	3	316	922						
September.....																		
October.....				2	263		2	316	909									
December.....																		
January.....				1	313	1,051												
Average.....	18	305	958	7	282	1,051	4	320	925	3	316	922	4	302	934			
Van Buren:				1	274	1,130												
October.....																		
Average.....	1	274	1,130	1	274 ^a	1,130												
Washington:				3	295	966	1	293	1,102									
September.....																		
October.....				1	306	1,112												
Average.....	5	297	1,071	4	301	1,039	1	293	1,102									

[illegible]

CALIFORNIA.
BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
State.....	16	<i>Pounds.</i> 329	<i>Pounds.</i> 1, 164	13	<i>Pounds.</i> 324	<i>Pounds.</i> 1, 180	1	<i>Pounds.</i> 346	<i>Pounds.</i> 1, 140	2	<i>Pounds.</i> 316	<i>Pounds.</i> 1, 151		<i>Pounds.</i>			<i>Pounds.</i>	
Imperial.....	14	317	1, 110	12	318	1, 065												
Riverside.....	2	338	1, 218	1	330	1, 295	1	346	1, 140		316	1, 154						

[illegible]

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled by analyses—Continued.*

FLORIDA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		1918-19			1917-18			1916-17			1915-16		
		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
			<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>
Jackson:													
September.....		9	299	1,016	4	303	1,039	2	340	884	16	296	1,010
October.....		5	289	1,020	1	288	1,008	3	338	934	11	306	1,020
November.....					1	324	1,029				9	299	1,001
December.....								1	321	903	6	275	1,010
Average.....	85	14	294	1,018	6	305	1,022	6	353	907	42	294	1,010
Jefferson:													
September.....													
October.....											1	320	1,007
Average.....	3		324	1,050							2	228	1,032
Lafayette:													
September.....													
October.....		1	314	1,178							3	324	1,050
November.....					1	331	1,007						
December.....													
Average.....	4	1	314	1,178	1	331	1,007						
Lake:													
October.....		2	345	1,096									
December.....		1	295	1,111				2	336	899			
Average.....	5	3	320	1,104				2	336	899			
Leon:													
September.....													
Average.....	1		323	1,001							1	323	1,001
											1	323	1,001

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

FLORIDA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Seminole:		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.		Pounds.
September.....			1	316	1,051	1	336	1,089										
November.....			1	322	1,099													
December.....						1	306	1,070										
Average.....	4	320	1,078	2	319	1,075	2	321	1,080									
Sumter:																		
October.....			2	322	1,096													
November.....			2	344	1,042													
Average.....	4	333	1,039	4	333	1,039												
Suwannee:																		
September.....							5	328	1,108									
October.....							1	327	1,064									
November.....							4	341	1,074									
December.....							1	347	1,115							2	349	941
Average.....	23	339	1,041	10	333	1,091	11	336	1,090							2	349	941
Taylor:																		
October.....			1	307	1,013													
Average.....	1	307	1,013	1	307	1,013												
Volusia:																		
November.....			1	340	1,064													
Average.....	1	240	1,064	1	340	1,064												
Wakulla:																		
September.....																		
Average.....	1	313	972				1	313	972									

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES—Continued.

County.	Total sam- ples.	Crop season.											
		1918-19			1917-18			1916-17			1915-16		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
Candler.....	54	327	975	18	325	980	15	329	915	6	332	1,013	6
Carroll.....	50	331	913	13	326	851	9	337	901	10	331	922	10
Catoosa.....	10	313	935	.....	1	295	1	314	906	3	320	1,005	5
Charlton.....	18	333	1,015	.....	16	309	1,033	.....	.....	2	357	996	.....
Chatham.....	114	319	940	48	315	954	1	309	925	43	363	938	1
Chattahoochee.....	23	318	929	3	308	884	5	340	911	2	321	947	9
Chattooga.....	14	306	908	4	281	842	1	307	899	4	328	930	4
Cherokee.....	19	328	900	6	340	943	4	341	903	5	325	909	.....
Clarke.....	124	321	944	71	307	951	19	340	904	6	323	971	3
Clay.....	40	324	924	4	293	925	14	318	921	2	324	971	9
Clayton.....	110	330	918	37	316	946	11	327	942	32	332	939	8
Clinch.....	9	309	987	2	294	932	2	291	955	.....	318	1,028	1
Cobb.....	106	331	919	35	318	890	17	334	895	28	328	941	15
Colfax.....	114	318	987	23	315	1,051	16	334	921	18	320	974	19
Colquitt.....	53	318	969	18	307	1,012	2	339	896	17	316	993	6
Columbia.....	158	328	958	35	312	983	7	330	968	35	333	982	56
Coweta.....	228	320	909	113	302	926	24	328	884	25	327	918	24
Cook.....	1	302	1,055	1	302	1,055	.....	.....	.....	.....	.....	.....	.....
Crawford.....	71	316	955	25	307	986	6	337	897	10	320	965	20
Crisp.....	162	319	930	16	304	988	26	329	823	15	313	984	79
Dade.....	3	317	991	1	316	1,115	1	319	950	.....	.....	.....	.....
Decatur.....	35	307	1,001	12	290	1,066	8	329	980	5	304	1,060	1
Dekalb.....	100	319	929	54	313	951	17	328	868	18	332	952	3
Dodge.....	234	315	946	53	304	966	21	338	877	36	310	975	61
Dooley.....	128	316	930	14	297	974	27	325	887	20	322	950	25

Dougherty.....	96	332	960	43	312	949	4	333	979	16	346	933	24	321	983	9	348	958
Douglas.....	36	332	906	6	299	906	4	327	969	15	335	808	3	333	915	8	351	930
Early.....	128	315	987	17	312	935	11	325	967	11	325	910	54	333	1,036	28	331	969
Echols.....	2	319	949	17	298	1,004	33	313	976	.....	.....	.....	1	337	988	.....	.....	.....
Edgingham.....	51	316	989	17	298	1,004	33	313	976	.....	.....	.....	1	337	988	.....	.....	.....
Elbert.....	248	318	926	56	308	956	47	319	880	50	328	882	42	318	968	53	316	944
Emanuel.....	390	321	941	107	301	960	76	315	969	57	325	918	59	325	959	91	338	889
Evans.....	43	329	986	31	296	984	9	340	1,008	1	332	915	2	348	1,036	.....	.....	.....
Fannin.....	7	323	939	.....	.....	.....	3	324	950	4	322	927	.....	.....	.....	.....	.....	.....
Fayette.....	54	318	911	15	308	937	8	306	899	17	326	862	8	324	938	6	327	917
Floyd.....	52	318	926	35	299	987	8	311	876	3	341	868	2	325	930	4	313	971
Franklin.....	164	311	906	95	303	933	21	308	854	29	321	874	17	321	949	2	301	922
Fulton.....	84	322	914	19	313	971	4	334	901	6	318	877	3	313	903	2	334	917
Gilmer.....	325	985	1	322	985	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glascok.....	16	320	969	8	305	936	4	326	979	.....	.....	.....	4	328	991	.....	.....	.....
Glynn.....	1	262	1,073	.....	.....	.....	1	262	1,073	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gordon.....	62	322	928	21	314	988	6	312	893	21	338	886	10	321	946	4	325	969
Grady.....	11	314	1,002	6	297	1,080	.....	.....	.....	.....	.....	.....	2	298	1,045	1	322	963
Greene.....	161	321	928	55	316	951	14	324	933	29	326	871	37	317	951	26	323	964
Gwinnett.....	163	327	910	74	318	956	32	325	880	38	335	868	11	331	938	8	325	909
Habersham.....	10	332	923	8	315	946	1	360	921	1	322	903	.....	.....	.....	.....	.....	.....
Hall.....	120	324	928	45	318	944	25	314	899	29	332	875	15	325	969	6	332	951
Hancock.....	443	320	918	80	308	913	4	311	922	90	331	886	108	323	972	161	326	897
Haralson.....	12	325	919	6	326	986	.....	.....	.....	4	331	889	.....	.....	.....	2	318	883
Harris.....	110	321	925	27	307	968	11	328	898	34	331	895	23	322	932	15	317	930
Hart.....	93	318	919	17	305	980	16	319	880	18	325	881	18	328	919	24	313	933
Heard.....	2	320	1,015	.....	.....	.....	.....	.....	.....	1	342	875	1	297	1,055	.....	.....	.....
Henry.....	158	324	911	70	305	932	26	312	897	19	331	857	22	335	917	21	335	950
Houston.....	135	327	955	42	302	991	7	327	968	23	329	904	11	341	994	52	319	919
Irwin.....	17	311	938	4	316	1,000	7	302	972	1	325	906	2	293	931	3	317	882
Jackson.....	132	316	918	50	306	911	32	311	917	11	327	895	25	305	952	13	330	914
Jasper.....	190	324	932	72	321	969	20	324	929	30	330	881	48	311	963	20	332	916
Jeff Davis.....	55	310	951	43	300	991	4	291	972	8	320	912	.....	.....	.....	1	310	921
Jefferson.....	106	324	957	48	312	988	45	315	989	14	332	918	21	331	975	38	330	916
Jenkins.....	247	325	946	57	300	984	24	313	979	48	337	909	26	333	936	92	341	922
Johnson.....	54	325	927	19	319	957	15	313	954	6	330	886	6	329	941	8	333	888
Jones.....	82	330	928	14	328	946	8	332	911	25	342	877	21	319	985	14	329	919
Laurens.....	315	325	948	98	310	975	18	315	949	26	330	907	40	327	981	33	342	926
Lee.....	120	328	962	19	306	963	18	330	964	25	342	921	23	323	1,007	35	338	955
Liberty.....	18	305	949	6	291	999	10	314	973	2	310	874	.....	.....	.....	.....	.....	.....
Lincoln.....	19	311	977	11	290	992	.....	.....	.....	.....	.....	.....	7	345	1,036	1	298	902
Lowndes.....	63	343	983	12	306	946	11	334	1,011	4	371	938	9	353	1,040	27	350	930
Lumpkin.....	2	324	901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	324	901
McDuffie.....	138	317	932	36	309	973	16	316	954	11	325	880	36	314	954	39	323	889
McIntosh.....	11	309	950	.....	.....	.....	5	308	935	.....	.....	.....	2	294	1,036	4	326	908

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES—Continued.

County.	Total sam- ples.	5-year average yield of—			Crop season.														
					1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	
Macon.....	70	321	943	26	306	974	16	312	942	7	328	904	8	321	991	13	338	904	
Madison.....	53	316	919	13	297	949	12	319	896	19	334	902	7	316	896	2	313	953	
Marion.....	68	322	934	10	301	954	24	322	933	7	338	898	13	321	966	14	327	920	
Meriwether.....	175	322	904	38	312	929	23	320	873	31	330	854	48	325	938	35	325	925	
Miller.....	14	304	1,000	3	300	1,042	1	280	991	2	333	906	7	286	1,065	1	322	994	
Milton.....	1	307	1,007	1	307	1,007	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Mitchell.....	42	314	996	16	289	1,021	13	302	1,006	4	341	919	7	307	1,012	2	333	994	
Monroe.....	116	320	943	39	302	961	16	323	916	24	328	879	17	321	986	20	328	974	
Montgomery.....	162	318	949	70	305	972	38	307	953	9	331	922	19	321	961	26	326	938	
Morgan.....	300	318	909	94	312	927	49	320	897	65	325	880	47	315	939	45	320	903	
Murray.....	25	321	904	13	313	955	1	320	864	7	328	903	.....	.....	.....	4	322	895	
Muscogee.....	264	315	946	77	296	979	78	319	936	55	332	899	41	320	955	13	309	961	
Newton.....	220	318	910	70	318	938	45	318	911	43	324	858	37	312	927	25	319	921	
Oconee.....	78	324	931	25	310	956	15	322	911	16	332	884	11	334	971	11	324	931	
Oglethorpe.....	100	323	911	51	313	922	19	317	918	10	340	879	9	324	941	11	321	896	
Panhandling.....	25	325	907	15	314	933	4	314	917	3	342	846	.....	.....	.....	3	328	933	
Pickens.....	8	350	967	2	327	1,031	2	339	960	3	333	941	.....	.....	.....	1	320	934	
Pierce.....	35	333	1,013	9	309	1,068	22	336	1,045	3	339	1,064	2	317	906	1	346	982	
Pike.....	241	316	925	75	296	946	39	317	913	51	326	881	35	320	938	41	319	945	
Polk.....	77	316	915	36	292	968	9	303	868	16	329	882	4	337	941	12	321	915	
Pulaski.....	105	323	932	12	299	957	13	337	937	15	328	881	24	317	978	41	332	905	
Putnam.....	136	324	922	54	324	935	33	319	905	16	330	893	21	316	953	12	330	925	
Quitman.....	5	341	943	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rabun.....	8	325	957	1	307	915	8	321	944	.....	.....	.....	.....	.....	.....	2	347	1,012	
Randolph.....	102	326	971	19	297	978	18	324	979	23	339	909	19	339	1,019	23	330	968	

Richmond.....	269	317	979	85	301	1,022	27	311	986	43	319	956	65	325	965	49	329	935
Rockdale.....	262	333	921	10	326	960	6	315	893	4	336	892	1	333	931	1	356	928
Rocky.....	15	328	941	5	313	983	1	348	934	8	332	906	1	317	940	.....	.....	.....
Serven.....	247	328	936	88	303	983	113	315	951	19	340	913	5	333	937	22	340	898
Spalding.....	64	314	963	35	299	992	3	309	1,002	14	325	882	6	305	969	6	330	970
Stephens.....	54	312	929	13	311	911	22	304	920	9	326	865	9	323	928	1	296	1,020
Stewart.....	93	328	958	11	322	985	5	333	949	37	335	912	16	324	994	24	326	949
Sumter.....	163	329	953	14	326	956	26	319	937	28	340	932	32	323	1,005	63	338	936
Talbot.....	83	316	939	14	294	981	15	317	921	24	327	893	14	320	968	16	322	934
Tallaterra.....	148	321	912	30	303	945	11	323	913	27	329	865	48	322	934	32	326	905
Tatnall.....	120	331	969	55	310	1,037	44	320	979	5	334	902	5	337	971	11	354	956
Taylor.....	100	319	950	24	300	1,002	19	317	927	20	330	899	11	319	1,009	26	328	939
Telfair.....	222	315	963	62	298	994	22	306	978	17	328	911	25	316	1,000	96	325	930
Terrell.....	233	327	969	31	317	980	25	326	969	119	339	937	24	324	1,023	34	330	938
Thomas.....	39	321	974	11	298	1,018	4	317	969	4	330	920	15	317	1,014	5	342	947
Tift.....	87	320	984	19	300	1,002	18	313	995	16	326	956	28	311	1,009	6	348	956
Tombs.....	56	327	973	10	307	983	38	311	966	.....	.....	.....	5	330	957	3	361	984
Troup.....	132	318	916	29	313	942	33	313	899	29	320	888	23	317	912	18	324	937
Turner.....	175	314	948	21	297	978	34	323	963	36	320	911	40	305	980	44	325	910
Twiggs.....	136	326	935	58	306	960	3	335	934	33	328	900	20	325	985	22	334	898
Upson.....	56	317	939	5	302	987	13	326	939	20	324	868	9	315	953	9	320	947
Walker.....	13	313	973	6	309	1,021	2	302	1,069	1	315	880	2	318	1,001	2	323	895
Watson.....	138	318	903	35	304	955	51	320	900	24	329	893	16	319	913	12	318	883
Ware.....	45	319	968	24	302	986	15	312	1,015	1	319	825	2	313	974	3	351	941
Warren.....	172	325	894	13	308	903	.....	.....	.....	51	329	862	41	326	954	67	352	875
Washington.....	80	332	950	33	321	940	18	318	969	12	343	899	12	337	981	5	343	963
Wayne.....	50	323	980	21	292	1,026	9	342	1,040	3	326	901	9	330	1,009	8	327	922
Webster.....	25	327	950	3	316	979	3	323	919	12	339	922	3	329	1,016	4	337	915
Wheeler.....	99	323	938	28	308	984	8	327	945	9	329	893	25	319	936	29	332	934
White.....	2	335	939	.....	.....	.....	.....	.....	.....	1	329	887	1	340	991	.....	.....	.....
Whitfield.....	12	328	961	7	324	1,054	1	293	931	1	358	883	3	338	975	.....	.....	.....
Wilcox.....	240	314	959	44	298	987	46	314	942	58	326	927	30	330	1,009	62	329	929
Wilkes.....	63	319	923	21	313	937	6	312	925	11	331	873	15	315	935	10	322	946
Wilkinson.....	46	323	935	21	301	964	2	312	916	9	337	903	7	322	966	7	343	928
Worth.....	136	315	944	27	302	965	24	300	968	25	327	903	20	319	969	40	328	913

Bulloch:	September.....	27	296	944	8	322	1,016	3	340	887	3	330	1,007	5	341	861
	October.....	14	296	1,016	18	308	972	2	322	931	1	334	960	3	345	868
	November.....	27	302	1,029	17	301	979	.....	.....	.....	.....	.....	.....	4	343	902
	December.....	12	292	1,039	11	318	1,007	3	315	947	1	300	941	3	328	903
	January.....	13	313	1,055	18	322	1,010	.....	.....	.....	.....	.....	.....	6	330	918
Average.....		93	300	1,017	72	314	997	8	326	922	5	321	969	21	335	890
Burke:	September.....	60	317	928	12	333	978	.....	.....	.....	.....	.....	.....	41	348	922
	October.....	23	315	953	8	321	969	14	356	899	26	336	922	41	348	922
	November.....	30	309	960	6	321	979	17	335	884	22	338	927	37	345	912
	December.....	16	304	894	7	315	960	7	328	947	1	322	896	26	339	918
	January.....	7	308	975	2	301	921	19	335	906	.....	.....	.....	12	341	928
Average.....		136	311	936	35	318	961	66	335	911	49	332	918	124	343	921
Butts:	September.....	3	305	950	13	310	966	6	322	846	9	329	947	5	324	937
	October.....	13	305	918	7	313	962	4	334	883	4	318	941	1	317	931
	November.....	13	312	934	4	316	903	22	330	883	3	329	991	1	313	947
	December.....	23	297	944	1	323	978	30	324	874	.....	.....	.....	3	306	896
	January.....	11	300	925	.....	.....	.....	2	340	852	.....	.....	.....	1	336	997
Average.....		63	304	934	25	316	922	64	330	868	16	325	960	11	319	942
Calhoun:	September.....	8	306	1,001	3	318	1,004	6	345	931	11	318	1,029	3	323	1,017
	October.....	7	298	1,010	.....	.....	.....	.....	.....	.....	6	314	1,020	3	340	874
	November.....	7	312	1,020	1	324	962	.....	.....	.....	1	309	1,064	.....	.....	.....
	December.....	.....	.....	.....	.....	.....	.....	1	355	1,007	1	327	997	.....	.....	.....
Average.....		22	305	1,010	4	321	953	7	340	969	19	317	1,028	6	332	946
Camden:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	.....	.....	.....	.....	.....	.....	1	346	833	1	342	947	1	315	982
	November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	313	1,001	1	323	1,045
Average.....		13	329	956	8	322	1,001	1	346	833	2	328	974	2	318	1,014
Campbell:	September.....	3	299	988	2	335	921	6	344	836	9	329	902	4	323	915
	October.....	8	320	972	11	323	969	10	334	852	7	332	927	1	313	912
	November.....	8	314	966	9	327	880	4	321	906	6	326	956	1	336	953
	December.....	310	4	931	.....	.....	.....	.....	.....	.....	1	323	1,051	.....	.....	.....
	January.....	5	303	950	3	299	868	1	353	903	.....	.....	.....	2	347	915
Average.....		109	324	921	25	321	895	25	334	876	23	328	949	8	330	924

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of		Crop season.											
				1918-19			- 1917-18			1916-17			1915-16		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.												
Candler:															
September				5	302	940	3	309	972	4	344	922	3	314	988
October				2	303	1,017	1	333	944	2	343	903	2	323	998
November				7	303	1,064				5	333	931	2	344	1,004
December				3	295	985	2	334	1,023	3	309	956	1	331	1,073
January				1	305	1,067				1	315	865	1	348	1,001
Average	54	327	975	18	302	1,015	6	325	980	15	329	915	9	332	1,013
Carroll:															
September				6	314	991				2	344	903	3	323	903
October				2	329	963	6	334	884	2	335	909	3	334	903
November				4	321	941	1	343	880	2	343	887	4	336	940
December							1	302	788	3	324	906			
January				1	319	944									
Average	50	331	913	13	321	900	8	326	851	9	337	901	10	331	922
Caloosa:															
September													1	288	1,006
October													1	344	982
November													1	328	1,026
December															
January							1	295	902	1	314	906			
Average	10	313	935				1	295	902	1	314	906	3	320	1,005
Charlton:															
September															
October							2	304	1,042				1	357	959
November				7	302	1,001	6	308	982						
December													1	357	1,032
January							1	323	1,108						
Average	18	333	1,015				16	309	1,033				2	357	996

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Colquitt:	September.....	6	297	1,001	9	305	991	2	339	896	10	311	1,045	1	327	899
	October.....	3	312	1,036	2	301	1,010				5	323	978	1	333	931
	November.....	5	287	1,004	1	315	1,036	.....	.....	.....	1	304	988	.....	.....	.....
	December.....	4	304	1,010	.....	.....	.....	.....	.....	.....	1	326	960	1	322	972
	January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	338	928
Average.....	55	318	969	.....	18	300	1,013	.....	2	339	896	17	993	6	330	933
Columbia:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	14	316	1,001	4	323	975	13	350	884	15	342	934	16	345	944
	November.....	11	309	978	1	315	979	9	348	906	8	334	947	14	339	928
	December.....	3	302	1,001	.....	.....	.....	8	339	931	1	322	1,029	12	338	937
	January.....	4	315	1,010	2	321	950	1	318	915	1	332	1,017	5	352	925
Average.....	158	328	958	.....	35	312	993	35	334	912	25	333	982	56	343	937
Cook:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November.....	1	302	1,055	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coweta:	September.....	23	293	931	4	344	953	10	340	845	17	327	890	5	329	921
	October.....	36	313	915	15	316	922	2	332	868	6	331	884	4	318	893
	November.....	16	309	928	5	314	903	15	331	890	1	318	975	6	330	884
	December.....	23	299	931	.....	.....	.....	14	318	890	1	331	922	4	328	912
	January.....	15	296	925	.....	.....	.....	1	321	928	.....	.....	.....	5	281	849
Average.....	228	320	909	.....	113	302	926	42	328	884	25	327	918	24	317	892
Crawford:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	10	312	975	.....	.....	.....	4	347	903	4	329	953	6	332	928
	November.....	8	314	982	1	303	915	3	337	880	3	313	925	5	323	941
	December.....	3	310	1,013	1	307	959	.....	.....	.....	.....	.....	.....	2	319	921
	January.....	2	295	1,010	2	293	1,007	3	327	909	2	317	1,017	2	319	950
Average.....	71	316	955	.....	25	305	998	10	337	897	9	320	965	20	321	931
Crisp:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	4	300	985	13	318	953	6	332	909	12	312	969	15	333	915
	November.....	6	298	998	5	313	956	4	332	880	.....	.....	.....	9	335	915
	December.....	.....	.....	.....	6	332	890	7	326	915	.....	.....	.....	18	322	921
	January.....	.....	.....	.....	2	329	941	8	324	896	2	318	978	33	328	925
Average.....	162	319	930	.....	16	304	988	26	329	823	15	313	984	79	327	919
Dade:	September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....	3	317	991	.....	1	316	1,115	.....	.....	.....	.....	.....	.....	1	317	909
Average.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.			Pounds.			Pounds.			Pounds.			Pounds.			Pounds.	
Decatur:																		
September.....			3		293	1,058	1	316	934	2	333	947	1	302	1,115	1	289	972
October.....			6		296	1,054	3	312	861	6	325	1,013	4	306	1,004	2	314	966
November.....			2		295	1,099	2	320	934									
December.....			1		276	1,054	1	286	997									
Average.....	35	307	12		290	1,066	7	309	932	8	329	980	5	304	1,060	3	302	969
Dekalb:																		
September.....			5		297	997							3	339	966			
October.....			24		308	966	4	313	915	3	339	830	8	332	925			
November.....			10		319	944	8	333	896	3	328	899	7	326	966			
December.....			5		323	902	2	315	1,004	2	327	880						
January.....			10		319	947	3	298	849	2	318	861				1	308	956
Average.....	100	319	54		313	951	17	315	916	10	328	868	18	332	952	1	308	956
Dodge:																		
September.....			21		307	940	12	318	944	10	338	871	19	321	979	10	328	956
October.....			15		300	960				8	330	871	6	316	953	9	323	928
November.....			6		305	963	1	317	1,026	7	319	877	1	307	1,026	5	332	909
December.....			9		309	969	3	296	1,007	7	330	865	35	308	956	14	320	921
January.....			2		301	997	5	306	963	4	321	899	2	296	959	23	326	922
Average.....	234	315	53		304	966	21	309	985	36	328	877	63	310	975	61	326	927
Doody:																		
September.....			8		292	937	16	307	890	9	331	861	32	317	950	8	336	918
October.....			2		281	941	7	292	893	7	338	880	7	321	959	9	327	909
November.....			2		295	1,039	4	312	941				3	328	940	1	336	937
December.....										2	307	902				4	323	928
January.....			2		318	978				2	322	906				3	341	966
Average.....	128	316	14		297	974	27	304	908	20	325	887	42	322	950	25	333	932

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Emanuel:		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>	
September.....			52	303	918	14	323	850	32	335	883	32	329	831	24	340	884		
October.....			6	311	947	20	313	963	7	318	890	24	322	857	29	343	893		
November.....			27	302	972	18	314	985	11	317	921	2	324	991	9	342	909		
December.....			14	291	982	15	316	966	5	325	922	1	324	978	12	334	915		
January.....			8	296	982	9	309	982	2	331	972				17	333	893		
Average.....	390	321	941	107	301	960	76	315	969	57	325	918	59	325	959	91	338	899	
Evans:																			
September.....					291	925				1	332	915							
October.....			15	302	979														
November.....			4	313	1,029	4	337	1,026					2	348	1,036				
December.....			2	288	988	4	342	991											
January.....			1	287	998	1	312	1,007											
Average.....	43	329	986	31	296	984	9	340	1,008	1	332	915	2	348	1,036				
Fannin:																			
September.....										1	330	931							
November.....							3	324	950										
December.....										3	314	922							
Average.....	7	323	939				3	324	950	4	322	927							
Fayette:																			
September.....			4	285	940	1	281	934		5	340	839	3	349	963	3	344	956	
October.....			6	303	950	1	317	871		4	326	846	3	320	871				
November.....			2	304	890	5	323	915		2	330	858	1	308	912				
December.....			1	313	934					1	314	883				3	309	877	
January.....			2	333	972	1	303	877		5	318	884	1	320	1,007				
Average.....	54	318	911	15	308	937	8	306	899	17	326	862	8	324	938	6	327	917	

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																					
		5-year average yield of—						1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.		
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		
Grady:				2	296	1,105							2	327	931		1	298	1,039		1	332	953
September.....																							
October.....				2	294	1,038											1	297	1,051				
November.....				2	301	1,077																	
December.....																							
January.....																							
Average.....	11	314	1,002	6	297	1,080							2	327	931		2	298	1,045		1	332	953
Greene:																							
September.....				11	311	934			925	18	330	842		14	324	928							
October.....				15	312	941			953	6	325	852		17	327	982							
November.....				20	314	940			909	1	317	801		4	316	963							
December.....				4	329	978			934	2	329	896		2	307	979							
January.....				5	314	953			944	2	330	915				7	325						
Average.....	161	321	928	55	316	951			933	29	326	873		37	317	951	26	323					
Gwinnett:																							
September.....				1	316	1,029				3	349	836		2	339	979							
October.....				30	331	934			887	11	342	846		2	320	912							
November.....				24	322	934			884	8	331	887		5	331	941							
December.....				11	309	937			880	10	329	877		2	333	918							
January.....				8	309	947			868	6	324	896											
Average.....	163	327	910	74	318	956			880	38	335	868		11	331	938	8	325					
Habersham:																							
October.....				1	307	1,001																	
November.....				4	318	912			921														
December.....																							
January.....				3	319	925				1	322	903											
Average.....	10	332	923	8	315	946			921	1	322	903											

TABLE VI.—Yields of oil and meal, by countries, as compiled by analyses—Continued.

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		1918-19				1917-18				1916-17				1915-16				1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.		
Houston:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		
September.....				10	302	937	2	359	966	8	341	906	5	330	1,013	9	336	906					
October.....				11	300	985	3	308	880	2	342	871	4	328	1,010	16	339	931					
November.....				8	305	997	.....	.....	.....	5	328	874	1	350	988	15	335	903					
December.....				5	309	1,036	1	316	1,010	7	326	902	1	357	966	7	336	928					
January.....				8	294	1,001	1	326	1,016	7	309	966	.....	.....	.....	5	328	928					
Average.....	135	327	955	42	302	991	7	327	968	23	329	904	11	341	994	52	335	919					
Irwin:																							
September.....				3	324	1,017	6	315	950	1	325	906	2	293	931	2	318	915					
October.....				1	307	.....	1	289	994	.....	.....	.....	.....	.....	.....	1	315	849					
Average.....	17	311	938	4	316	1,000	7	302	972	1	325	906	2	293	931	3	317	882					
Jackson:																							
September.....				11	295	903	3	319	909	2	334	890	6	312	937	3	340	871					
October.....				10	308	903	13	315	921	2	351	883	11	314	931	6	327	950					
November.....				17	323	912	10	322	890	2	315	909	6	302	978	3	320	934					
December.....				7	298	918	4	315	925	5	307	909	1	288	966	.....	.....	.....					
January.....				5	304	918	2	283	941	.....	.....	.....	2	307	950	1	331	902					
Average.....	122	316	918	50	306	911	32	311	917	11	327	895	26	305	932	13	330	914					
Jasper:																							
September.....				1	303	1,026	15	335	906	16	336	852	24	320	941	5	332	925					
October.....				27	333	941	3	327	918	7	345	865	18	315	960	7	331	947					
November.....				26	327	959	1	304	994	4	327	896	6	298	958	.....	.....	.....					
December.....				10	324	959	1	329	896	2	321	874	.....	.....	.....	4	333	909					
January.....				8	320	960	.....	.....	.....	1	319	918	.....	.....	.....	4	330	884					
Average.....	190	324	932	72	321	969	20	321	929	30	330	881	48	311	963	20	332	916					

Jeff Davis:	September.....	38	309	940	3	293	1,029	1	326	902	4	327	960	1	310	921
	October.....	3	299	998	1	288	915	2	313	921						
	November.....	1	283	1,017												
	December.....		308	1,010												
	January.....															
Average.....		43	300	991	4	291	972	3	320	912	4	327	960	1	310	921
Jefferson:	September.....	15	311	1,051	3	314	1,001	2	338	903	14	329	975	7	349	912
	October.....	7	317	960	9	314	966	1	342		3	339	966	9	330	906
	November.....	9	309	966	7	313	1,016	6	331	953	1	353	975	11	325	922
	December.....	5	314	979	24	319	982	4	322	918	2	324	1,004	6	318	909
	January.....	12	310	985	2	317	978	4	325	899	1	309	956	5	326	931
Average.....		48	312	988	45	315	989	14	332	918	21	331	975	38	330	916
Jenkins:	September.....	18	310	944	6	308	979	6	351	883	10	335	931	18	347	922
	October.....	4	305	972	2	333	953	10	341	864	16	330	940	15	343	918
	November.....	16	300	982	12	307	994	12	341	928				14	340	912
	December.....	14	296	985	4	302	988	19	333	944				19	336	928
	January.....	5	291	1,036				1	318	928				26	339	931
Average.....		57	300	984	24	313	979	48	337	909	26	333	936	92	341	922
Johnson:	September.....	11	313	896	4	314	893				4	323	941	4	335	902
	October.....	1	325	927	6	314	959	3	331	884				3	334	890
	November.....	2	322	908	2	320	941	3	328	887	1	345	909	1	329	903
	December.....	1	312	982	1	318	947									
	January.....	4	312	972	2	301	1,029				1	318	972			
Average.....		19	319	937	15	313	954	6	330	886	6	329	941	8	333	898
Jones:	September.....	3	310	937	2	329	890	10	348	842	9	330	988	3	333	915
	October.....	3	344	966	5	334	941	10	344	864	11	324	960	4	333	890
	November.....	4	333	931				2	341	893	1	303	1,007	3	333	906
	December.....	2	317	963				3	333	909				3	333	915
	January.....	2	336	931	1	333	902							1	314	969
Average.....		14	328	946	8	332	911	25	342	877	21	319	985	14	329	919
Laurens:	September.....	39	310	960	9	314	941	7	338	909	28	321	988	11	347	944
	October.....	20	319	972	1	307	921	3	327	906	7	329	982	8	351	925
	November.....	21	304	969	4	311	972	2	335	912	3	336	956	5	339	931
	December.....	9	314	994	2	315	953	14	318	899	2	323	998	2	345	915
	January.....	9	305	979	2	329	959							7	330	915
Average.....		98	310	975	18	315	949	26	330	907	40	327	981	33	342	926

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		1918-19			1917-18			1916-17			1915-16		
		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
5-year average yield of—	Oil.	Meal.	Pounds.	Pounds.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Oconee:	Pounds.	Pounds.	Pounds.	Pounds.		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.		Pounds.	Pounds.
September.....	5	311	940	328	2	330	849	6	330	849	4	323	928
October.....	4	315	966	332	4	342	858	5	342	858	4	347	941
November.....	9	308	934	314	6	324	825	2	328	1,010	2	328	928
December.....	6	303	1,023	318	1	331	903	3	337	1,004	1	337	934
January.....	1	312	915	316	1	331	896	3	331	903	1	337	934
Average.....	78	324	931	322	15	332	884	16	334	971	11	324	931
Oglethorpe:													
September.....	2	298	928	322	7	339	845	2	328	925	3	328	864
October.....	8	325	877	331	4	344	868	5	331	925	4	314	903
November.....	28	316	912	318	4	342	941	1	312	972	2	318	903
December.....	5	308	947	311	3	335	861	2	335	861	1	307	890
January.....	8	318	947	318	5	335	861	2	335	861	2	331	918
Average.....	100	323	911	317	19	340	879	10	324	941	11	321	896
Paulding:													
September.....	7	319	941	325	2	338	884	1	338	884	1	331	906
October.....	3	311	890	325	2	338	884	1	338	884	2	325	959
November.....	2	325	940	303	2	338	884	1	338	884	2	325	959
December.....	3	301	960	314	4	342	846	3	342	846	3	328	933
January.....	15	314	933	314	4	342	846	3	342	846	3	328	933
Average.....	25	325	907	314	4	342	846	3	342	846	3	328	933
Pickens:													
October.....	1	337	1,150	336	1	333	960	2	333	960	1	320	934
November.....	1	337	1,150	336	1	333	960	2	333	960	1	320	934
December.....	1	317	912	342	1	332	922	1	332	922	1	320	934
January.....	1	317	912	342	1	332	922	1	332	922	1	320	934
Average.....	8	350	967	339	2	333	941	3	333	941	1	320	934

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

GEORGIA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
																			Pounds.
Rabun:																			
September.....																			
October.....																			
November.....			1	307	915	4	332	950								1	342	1,073	
December.....						1	310	937								1	352	950	
Average.....	8	325	957	1	307	915	5	321	944							2	347	1,012	
Randolph:																			
September.....																			
October.....				6	309	978	5	321	982	6	340	887	6	334	988	8	346	959	
November.....				4	301	985	8	326	941	17	338	931	10	324	991	10	332	912	
December.....				6	308	985	2	324	991				2	332	1,064	2	328	953	
January.....				2	290	997	2	336	975				1	367	1,036	1	337	1,004	
Average.....	102	326	971	19	297	978	18	324	979	23	339	909	19	339	1,019	23	330	968	
Richmond:																			
September.....																			
October.....				27	294	997	6	311	988	14	340	902	33	334	982	21	344	944	
November.....				23	304	1,029	6	319	963	13	327	959	20	323	972	12	327	937	
December.....				19	307	1,029	10	316	994	9	316	985	8	314	1,010	11	331	941	
January.....				9	299	1,039	4	310	1,013	6	306	960	4	329	1,016	2	324	912	
Average.....	269	317	979	85	301	1,022	27	311	986	43	319	956	65	325	995	3	321	940	
Rockdale:																			
October.....																			
November.....				5	321	953													
December.....				1	326	928	2	334	902	2	340	874	1	333	931				
January.....				2	328	969	1	297	868										
Average.....	22	333	921	10	326	960	6	315	893	4	336	892	1	333	931	1	356	928	

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Telfair:	September.....	23	300	953	12	297	988	4	321	874	21	317	956	30	328	928
	October.....	14	296	978	1	313	966	8	336	902	3	301	978	24	325	921
	November.....	19	304	1,010	9	309	979	4	319	925	1	331	1,067	19	323	934
	December.....	5	295	1,004	.....	.....	.....	.....	.....	941	.....	.....	.....	23	323	937
	January.....	1	293	1,026	.....	.....	.....	1	337	.....	.....	.....	.....	.....	.....	.....
Average.....		62	298	994	22	306	978	17	328	911	25	316	1,000	96	325	930
Terrell:	September.....	4	311	956	19	333	963	41	345	896	18	327	1,007	15	338	934
	October.....	5	315	988	2	330	1,016	46	343	944	5	326	1,013	14	323	921
	November.....	16	325	988	1	327	968	29	337	940	1	318	1,048	3	328	941
	December.....	4	308	997	2	319	963	2	327	934	.....	.....	.....	.....	.....	.....
	January.....	2	327	972	1	323	944	1	341	972	.....	.....	.....	2	330	956
Average.....		31	317	980	25	326	969	119	339	937	24	324	1,023	34	330	938
Thomas:	September.....	5	307	997	4	317	969	3	347	893	10	318	1,029	3	345	975
	October.....	2	311	1,032	.....	.....	.....	1	313	947	5	315	998	1	326	922
	November.....	1	291	1,001	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December.....	1	300	1,013	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January.....	2	280	1,045	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		11	298	1,018	4	317	969	4	330	920	15	317	1,014	5	342	947
Tift:	September.....	16	302	1,010	13	303	1,004	6	325	953	22	312	997	2	325	953
	October.....	1	295	972	4	302	969	4	327	934	6	309	1,020	.....	.....	.....
	November.....	2	302	1,023	1	334	1,016	1	323	982	.....	.....	.....	1	367	950
	December.....	.....	.....	.....	.....	.....	.....	5	329	953	.....	.....	.....	3	352	966
	January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		19	300	1,002	18	313	995	16	326	956	28	311	1,009	6	348	956
Toombs:	September.....	2	297	937	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October.....	1	316	1,023	5	319	966	.....	.....	.....	1	326	944	1	364	982
	November.....	4	303	975	22	311	963	.....	.....	.....	2	331	941	1	353	1,017
	December.....	.....	.....	.....	4	298	988	.....	.....	.....	1	332	978	.....	.....	.....
	January.....	3	311	998	7	315	947	.....	.....	.....	1	310	966	1	365	953
Average.....		10	307	983	38	311	966	.....	.....	.....	5	330	957	3	361	984
Troup:	September.....	11	292	918	1	303	865	4	320	826	17	312	902	5	321	922
	October.....	3	314	963	14	321	877	4	323	868	4	323	931	6	324	947
	November.....	7	317	950	10	323	934	3	322	912	1	319	940	3	315	912
	December.....	5	322	928	6	298	959	12	324	899	1	314	874	1	346	960
	January.....	3	323	950	2	298	858	6	313	934				3	312	944
Average.....		29	313	942	33	313	899	29	320	888	23	317	912	18	324	937

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	63	319	923		3	313	925	2	313	925	5	341	864	11	319	947	3	334	937
Wilkes:																			
September.....					3	313	925	2	313	925	5	341	864	11	319	947	3	334	937
October.....					5	314	931	3	308	883	2	334	842	2	315	884	2	316	947
November.....					9	313	931	1	315	966	.....	.....	.....	2	312	975	3	318	953
December.....					2	309	972	.....	.....	.....	4	319	912	.....	.....	.....	.....	.....	.....
January.....					2	314	956	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	319	947
Average.....					21	313	937	6	312	925	11	331	873	15	315	935	10	322	946
Wilkinson:																			
September.....					2	304	997	1	285	941	2	335	887	2	319	941	1	372	988
October.....					6	293	928	.....	.....	.....	1	344	874	5	325	991	3	316	903
November.....					7	307	940	.....	.....	.....	1	344	931	.....	.....	.....	3	342	893
December.....					2	304	985	.....	.....	.....	4	325	887	.....	.....	.....	.....	.....	.....
January.....					4	295	972	1	329	890	1	329	934	.....	.....	.....	.....	.....	.....
Average.....					21	301	964	2	312	916	9	337	903	7	322	966	7	343	928
Worth:																			
September.....					14	304	940	15	310	966	8	328	871	19	304	1,004	22	332	925
October.....					8	303	969	5	299	928	4	333	877	1	333	934	5	324	899
November.....					3	304	1,010	2	304	975	6	333	899	.....	.....	.....	.....	.....	.....
December.....					2	295	940	1	277	1,023	6	313	919	6	319	11	321	915	912
January.....					.....	.....	.....	1	.....	947	1	330	960	.....	.....	.....	.....	.....	.....
Average.....					27	302	965	24	300	968	25	327	903	20	319	969	40	328	913

KENTUCKY.

BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—	Crop season.														
			1918-19			1917-18			1916-17			1915-16			1914-15		
			Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
State.....	27	Pounds. 303	Pounds. 1,069	8	Pounds. 298	Pounds. 1,094	10	Pounds. 917	Pounds. 336	Pounds. 917	Pounds. 324	Pounds. 1,047	1	Pounds. 303	Pounds. 978		
Chester.....	1	312	1,035	1	312	1,035											
Davies.....	1	269	1,058	1	269	1,058											
Fulton.....	24	314	1,014	5	293	1,112	10	336	917		324	1,047	1	303	978		
Southampton.....	1	317	1,169	1	317	1,169					8						

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

LOUISIANA.

BY PARISHES.

Parish.	Total sam- ples.	Crop season.																			
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15				
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	
State.....	2, 104	302	1, 098	18	271	1, 202	54	312	1, 095	53	309	1, 067	7	307	1, 084	5	310	1, 042	5	310	1, 042
Acadia.....	137	307	1, 041	2	323	1, 077	10	310	1, 046	6	303	1, 038	2	287	1, 036	8	313	1, 010	8	313	1, 010
Ascension.....	28	318	1, 022	83	308	1, 108	132	318	1, 069	131	322	996	37	321	966	18	321	1, 021	18	321	1, 021
Avoynes.....	401	309	1, 049	4	290	1, 099										2	327	998	2	327	998
Beauregard.....	6	308	996	4	311	1, 059	2	313	982	1	322	1, 007	4	297	1, 029	2	299	903	2	299	903
Bienville.....	13																				
Bossier.....	84	305	1, 114	4	292	1, 093	28	310	1, 065	17	311	1, 035	35	306	961						
Caddo.....	198	307	1, 045	43	292	1, 102	39	309	1, 057	64	305	1, 040	30	314	1, 001	22	317	1, 027	22	317	1, 027
Calcasieu.....	8	313	1, 035	3	312	1, 061	1	296	1, 048	3	327	993				1	315	1, 036	1	315	1, 036
Caldwell.....	14	309	1, 045	9	294	1, 130	2	291	1, 108	1	323	978	2	326	965						
Cameron.....	2	293	1, 020										1	323	966						
Catahoula.....	3	303	1, 024	2	308	1, 081										1	262	1, 074	1	262	1, 074
Chalbourne.....	36	305	998	3	284	1, 069	16	317	957	5	296	1, 034	11	306	955						
Concordia.....	7	325	1, 052	3	326	1, 000	1	344	1, 073	2		1, 067				1	320	975	1	320	975
De Soto.....	53	294	1, 038	4	282	1, 118	14	293	1, 029	20	293	1, 029	14	293	958	1	304	1, 067	1	304	1, 067
East Baton Rouge.....	25	294	1, 044				11	307	1, 090	1	303	922	1	277	1, 108	12	290	1, 054	12	290	1, 054
East Carroll.....	3	345	1, 003	2	338	960	1	332	1, 045												
East Feliciana.....	22	299	1, 043	15	309	1, 060	5	306	1, 039				2	282	995						
Evangeline.....	42	309	1, 074	9	305	1, 124	7	304	1, 067	18	319	1, 034	8	309	1, 071						
Franklin.....	26	301	1, 077	9	300	1, 148	3	257	1, 130	8	312	1, 020	5	314	1, 004	1	314	1, 083	1	314	1, 083
Grant.....	38	317	1, 043	17	298	1, 085	14	320	1, 095	3	318	1, 018	4	331	972						
Iberia.....	1	299	1, 083										1	299	1, 083						
Iberville.....	13	321	1, 008	2	330	1, 064	7	301	1, 067	4	331	893									
Jackson.....	3	289	1, 088	1	289	1, 082				1	287	1, 073				1	291	1, 108		291	1, 108
Jefferson.....	4	306	1, 031	2	291	1, 099							2	320	962						
Jefferson Davis.....	3	275	1, 115				3	275	1, 115												

TABLE VI.—*Yields of oil and meal, by counties, as compiled by analyses—Continued.*

LOUISIANA—Continued.
BY PARISHES—Continued.

Parish.	Total sam- ples.	Crop season.																		
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Pounds.
La Salle.....	3	302	1,084	1	295	1,102	301	1,082	8	314	1,067	2	308	1,066	1	301	1,089	3	327	985
Lafayette.....	29	308	1,084	10	298	1,187	7	1,082	2	323	1,006	1	301	1,089	3	327	985			
Lafourche.....	3	323	1,006	1	302	1,035	1	1,085	2	292	928	2	300	987	5	292	1,028			
Lincoln.....	4	304	1,016	14	306	1,114	11	1,129	5	307	977	2	303	1,023	5	303	994			
Livingston.....	37	303	1,047	3	316	1,061	2	1,033	68	313	1,011	36	318	971	4	303	922			
Madison.....	7	318	1,040	9	287	1,070	8	1,053	316	335	971	6	326	1,048	6	324	988			
Morehouse.....	22	297	1,041	29	294	1,099	60	1,060	316	326	997	7	325	976	4	316	1,039			
Natchitoches.....	197	309	1,011	9	316	1,072	10	1,029	23	317	1,017	10	328	1,024	7	321	1,038			
Oracaba.....	33	318	1,025	5	320	1,067	21	1,082	35	305	1,038	14	311	1,029	4	303	922			
Poite Coupee.....	32	325	1,023	1	308	1,134	19	1,058	319	1,040	26	331	1,022	4	324	1,012				
Plaquemines.....	1	320	1,067	106	303	1,095	5	1,092	26	325	997	3	297	1,010						
Rapides.....	167	319	1,059	4	313	1,120	3	1,085	1	325	997									
Red River.....	72	305	1,069	10	303	1,095	5	1,092	23	317	1,017	10	328	1,024	7	321	1,038			
Richmond.....	49	318	1,031	10	303	1,095	5	1,092	26	331	1,022	4	303	1,029	4	324	1,012			
Sabine.....	18	306	1,055	11	313	1,120	3	1,092	1	325	997	3	297	1,010						
St. Bernard.....	1	359	871				1	871												
St. Charles.....	3	322	1,039				1	1,038	2	302	970									
St. Landry.....	92	313	1,047	25	301	1,147	27	1,071	21	311	988	2	314	1,036	17	315	993			
St. Martin.....	6	318	1,192	2	333	1,203	4	1,181												
St. Tammany.....	8	307	1,080	6	311	1,050	2	1,110												
St. Mary.....	1	285	1,035				1	1,035												
Tangipahoa.....	3	280	1,021	2	308	1,086		1,035	1	251	956									
Tensas.....	29	331	1,007	2	332	1,001	26	1,028	1	327	991									
Union.....	18	311	1,018	1	297	1,074	2	1,021				15	314	958						

	7	318	1,038						1	339	1,080				6	287	985
Vermilion.....	2	324	969						1	312	985				1	336	953
Vernon.....	11	309	1,068						1								
Washington.....	5	315	1,031	4	313	1,127	7	305	1,009						4	319	944
Webster.....				1	311	1,118											
West Baton Rouge.....	3	341	956												3	341	956
West Carroll.....	42	314	1,040	14	291	1,110	17	318	1,067						3	321	1,036
West Feliciana.....	22	303	1,036	4	289	1,070	9	313	1,062	2	328	1,016			7	321	1,039
Winn.....	5	305	1,050				2	295	1,155	1	324	991			2	296	1,005

BY PARISHES AND MONTHS.

Parish and month.	Total sam- ples.	5-year average yield of—		Crop season.												
		1918-19			1917-18			1916-17			1915-16			1914-15		
		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Acadia:		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
September		9	281	1,197	7	307	1,080	7	319	1,112	4	289	1,067	2	303	1,121
October					24	297	1,089	7	286	1,070	2	352	1,036	1	305	1,096
November		3	278	1,203		307	1,111	17	305	1,085	1	279	1,150	1	314	1,063
December		1	257	1,181	3	319	1,093	17	314	1,058						
January		5	266	1,226	2	330	1,102	5	320	1,058				1	317	858
Average	137	18	271	1,202	54	312	1,095	53	309	1,067	7	307	1,084	5	310	1,012
Ascension:																
September		1	312	1,013	4	304	1,055	1	267	1,085				3	304	1,010
October					2	295	1,055	4	318	1,013				2	313	1,035
November		1	334	1,140								2	287	1,036	2	316
December					4	310	1,016	1	324	1,067				1	921	
January		4	330	1,058										2	318	1,074
Average	28	2	323	1,077	10	310	1,046	6	303	1,038	2	287	1,036	8	313	1,010
Avoylees:																
September		16	319	1,112	31	314	1,058	37	333	979	16	328	982	11	327	991
October		23	313	1,093	44	310	1,073	14	307	1,017	8	327	972	4	307	1,012
November		16	315	1,055	37	321	1,096	54	312	985	8	309	988	3	330	1,029
December		16	301	1,101	15	311	1,026	21	330	975	3	322	903			
January		12	293	1,130	5	333	1,092	5	326	1,013	2	317	985			
Average	401	83	308	1,108	132	318	1,069	131	322	994	37	321	966	18	321	1,021

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

LOUISIANA—Continued.

BY PARISHES AND MONTHS—Continued.

Parish and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
East Baton Rouge:																			
September.....		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
October.....							4	300	1,102							3	296	1,086	
November.....																5	265	1,073	
December.....																1	290	1,077	
January.....																2	301	953	
Average.....	25	294	1,044				11	307	1,090	1	303	922	1	277	1,108	12	300	1,080	
East Carroll:																			
September.....				1	346	941													
October.....				1	330	979													
December.....																			
Average.....	3	345	1,003	2	338	960	1	352	1,045										
East Feliciana:																			
September.....																			
October.....				10	310	1,096	2	312	1,048							1	280	991	
November.....				3	303	1,102	3	299	1,029							1	283	998	
Average.....	22	299	1,043	15	309	1,096	5	306	1,039							2	282	995	
Evangeline:																			
September.....				5	297	1,178													
October.....				1	323	1,058	1	336	1,042							4	314	1,092	
November.....				1	305	1,131	2	295	1,086							3	308	1,058	
December.....																1	304	1,064	
January.....				2	293	1,130	2	323	1,026										
Average.....	42	309	1,074	9	305	1,124	7	304	1,067	18	319	1,034	8	309	1,071				

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

LOUISIANA—Continued.

BY PARISHES AND MONTHS—Continued.

Parish and month.	Total sam- ples.	5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Oil.	Meal.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
La Salle:																		
October.....				1	295	1,102							1	308	1,051			
November.....													1	307	1,080			
Average.....	3	302	1,084	1	295	1,102				2	308	1,066	2	308	1,066			
Lafayette:																		
September.....				6	302	1,200	3	321	1,112	2	319	1,124				2	315	1,035
October.....				2	299	1,172	1	275					1	301	1,099	1	338	934
November.....				1	302	1,188	3	307	1,051	5	314	1,080						
December.....				1	287					1	309	998						
January.....																		
Average.....	29	308	1,084	10	298	1,187	7	301	1,082	8	314	1,067	1	301	1,099	3	327	985
Lafourche:																		
September.....										1	326	1,055						
October.....										1	320	956						
November.....																		
Average.....	2	323	1,006							2	323	1,006						
Lincoln:																		
September.....																		
October.....										1	276	865						
November.....				1	305	1,035	1	315	1,086	1	307	991						
Average.....	4	304	1,016	1	305	1,035	1	315	1,086	2	292	928						
Livingston:																		
September.....				1	333	1,058	1	301	1,134	1	295	959						
October.....				7	311	1,067	5	288	1,121	1	314	985				3	292	1,083
November.....				1	293	1,124	4	324	1,127	2	293	985						
December.....				1	295	1,169	1	324	1,134				1	293	982	1	293	1,051
January.....				4	296	1,150				1	326	979				1	291	950
Average.....	37	303	1,047	14	306	1,114	11	309	1,129	5	307	977	2	300	987	5	292	1,028

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West Carroll:	4	302	1,146	2	331	1,001	2	328	1,016	3	324	1,045	3	311	972
	7	289	1,086	10	323	1,045	10	323	1,080	3	318	1,026			
															
	3	283	1,099	4	293	1,143	.....	.....	.....	.....	.....	.....	.....	.....	.....
															
Average.....															
West Feliciana:	42	314	1,040	17	318	1,067	.....	.....	.....	6	321	1,036	3	311	972
															
															
	1	271	1,086	2	297	1,054	.....	.....	.....	.....	.....	.....	.....	.....	.....
	3	307	1,054	5	312	1,074	.....	.....	.....	1	278	1,039	.....	.....	.....
West Feliciana:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
															
															
															
															
Average.....															
Winn:	22	303	1,036	9	313	1,062	.....	.....	.....	1	278	1,038	7	302	1,039
															
															
															
															
Average.....															
Winn:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
															
															
															
															
Average.....															
Winn:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
															
															
															
															
Average.....															
Winn:	.....	.....	.....	.....											

MISSISSIPPI.
BY COUNTIES.

County.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
State.....	2,351	Pounds, 311	Pounds, 1,013	1,439	Pounds, 302	Pounds, 1,045	370	Pounds, 317	Pounds, 982	185	Pounds, 321	Pounds, 958	188	Pounds, 312	Pounds, 990	169	Pounds, 316	Pounds, 995	
Adams.....	6	318	960	3	306	1,014	1	323	842	2	326	1,024							
Alcorn.....	11	309	985	6	295	1,053	3	313	985	1	298	950							
Amite.....	19	314	1,088	16	302	1,096	2	332	1,079	1	308	1,089	1	328	956				
Attala.....	11	306	1,018	6	311	1,074							1	300	985	4	307	995	
Benjamin.....	6	310	1,000	2	300	1,025	2	314	960							2	315	1,014	

Jefferson Davis.....	2	303	1,045	2	303	1,045	2	312	1,029	1	307	998	17	318	998
Jones.....	4	320	1,055	1	340	1,137	1	340	1,137	1	307	998	17	318	998
Kemper.....	4	314	999	3	314	999	3	314	999	3	304	944	7	315	1,007
Lafayette.....	7	313	958	3	290	1,030	3	361	975	1	295	883	3	304	944
Lamar.....	5	314	1,031	3	309	1,112	2	318	949	1	295	883	3	304	944
Lauderdale.....	44	317	981	19	304	1,085	3	318	982	3	328	958	21	302	985
Lawrence.....	20	321	1,010	1	338	934	1	338	934	1	338	934	2	313	1,055
Leake.....	1	254	1,077	254	254	1,077	4	307	965	1	344	1,017	3	320	944
Lee.....	35	315	963	20	289	1,031	4	307	965	3	348	909	2	336	1,020
Lectore.....	78	346	979	71	327	1,028	2	372	960	3	348	909	2	336	1,020
Lincoln.....	4	323	1,002	36	296	1,051	6	355	1,024	1	333	985	1	313	1,055
Lowndes.....	46	326	992	13	294	1,062	2	333	990	1	337	887	2	319	1,026
Madison.....	16	321	980	10	298	1,100	4	317	957	3	309	959	3	305	972
Marion.....	10	298	1,100	12	279	1,007	4	317	957	3	309	959	3	305	972
Marshall.....	23	304	974	12	279	1,007	4	317	957	3	309	959	3	305	972
Monroe.....	21	308	991	1	274	1,016	1	324	1,197	4	328	958	7	318	999
Montgomery.....	6	309	1,095	3	306	1,112	1	324	1,197	4	328	958	7	318	999
Neshoba.....	1	296	1,067	1	296	1,067	1	324	1,197	4	328	958	7	318	999
Newton.....	12	315	1,006	9	300	1,043	3	329	969	2	296	977	2	296	977
Noxubee.....	1	276	1,051	1	276	1,051	3	329	969	2	296	977	2	296	977
Panola.....	138	301	982	68	279	1,018	36	302	951	19	314	947	13	303	991
Perry.....	5	324	1,034	2	297	1,074	1	308	994	1	352	1,016	1	319	1,036
Pike.....	17	289	1,042	11	294	1,089	3	317	1,059	2	303	993	1	281	1,016
Pontotoc.....	5	317	1,029	3	290	1,013	5	316	921	2	299	883	8	306	1,062
Prentiss.....	10	302	939	3	290	1,013	5	316	921	2	299	883	8	306	1,062
Quitman.....	72	317	1,051	38	307	1,052	18	320	967	7	314	1,074	8	306	1,062
Rankin.....	1	308	994	11	301	1,077	1	308	994	1	306	991	3	321	943
Scott.....	11	301	1,077	11	301	1,077	6	339	966	1	306	991	3	321	943
Sharkey.....	12	327	968	14	309	1,063	6	339	966	1	306	991	3	321	943
Simpson.....	14	309	1,063	14	309	1,063	6	339	966	1	306	991	3	321	943
Smith.....	10	308	1,060	10	308	1,060	27	329	973	8	309	1,028	2	327	1,043
Sunflower.....	259	323	997	223	315	1,046	17	313	973	10	310	944	2	327	1,043
Tallahatchie.....	130	316	1,012	94	304	1,043	5	302	931	4	299	959	2	281	979
Tate.....	48	293	972	37	288	1,020	4	326	967	1	330	928	4	327	950
Tippah.....	6	299	1,006	2	272	1,044	4	326	967	1	330	928	4	327	950
Tishomingo.....	4	322	921	45	310	996	16	336	925	12	339	961	7	321	1,001
Tunica.....	81	325	979	2	287	998	4	314	960	5	325	929	1	310	1,001
Union.....	15	309	974	2	287	998	6	310	1,033	7	313	1,007	3	310	1,001
Walshall.....	13	312	1,020	6	306	970	6	327	1,035	1	330	928	3	331	917
Warren.....	13	321	978	6	306	970	6	327	1,035	1	330	928	3	331	917
Washington.....	113	328	956	61	320	1,000	27	330	966	18	333	945	4	327	950
Webster.....	5	308	1,060	5	308	1,060	27	330	966	18	333	945	4	327	950
Wilkinson.....	5	311	1,122	4	311	1,122	2	336	925	12	339	961	7	321	1,001
Winston.....	2	305	1,044	1	300	1,007	4	314	960	5	325	929	1	310	1,001
Yaobusha.....	4	290	1,065	4	290	1,065	6	327	1,035	1	330	928	3	331	917
Yazoo.....	8	328	955	5	305	1,038	2	343	981	1	336	845	1	309	1,121

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

MISSISSIPPI—Continued.

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Adams:		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>
September				2	327	1,036												
October																		
November				1	284	991	1	323	842	1	321	997						
January																		
Average	6	318	960	3	306	1,014	1	323	842	2	326	1,024						
Alcorn:																		
September				2	295	1,051	2	331	966	1	298	950						
October				2	287	1,092												
November				2	302	1,016	1	295	1,004									
December																		
Average	11	309	986	6	295	1,053	3	313	985	1	298	950	1	328	956			
Amite:																		
September				8	298	1,108												
October				3	305	1,140	1	321	1,115	1	308	1,089						
November				3	293	1,086												
December				2	312	1,048	1	342	1,042									
January																		
Average	19	314	1,088	16	302	1,096	2	332	1,079	1	308	1,089						
Attala:																		
September				5	288	1,070												
October																		
November				1	333	1,077												
Average	11	306	1,018	6	311	1,074												

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

MISSISSIPPI—Continued.
BY COUNTIES AND MONTHS—Continued.

County and month.		5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Total sam- ples.	Oil.	Meal.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.		
Harrison:																		
September.....				2	292	1,036												
October.....				1	287	1,032												
November.....				3	295	1,055												
Average.....	6	291	1,041	6	291	1,041												
Hinds:																		
September.....				19	304	1,055				7	321	963	4	312	950	6	328	
October.....				13	298	1,073				1	329	1,020	5	318	1,004	4	317	
November.....				10	306	1,096							3	305	1,004	6	316	
December.....				2	312	1,042										9	316	
January.....				1	311	1,039				1	314	966	1	313	1,017	3	319	
Average.....	105	315	1,015	45	306	1,061				9	321	983	13	312	994	28	319	
Holmes:																		
September.....				12	306	1,035												
October.....				5	308	1,061												
November.....				8	321	1,032												
December.....				2	318	1,105												
Average.....	31	322	1,014	27	313	1,058	4	330	970									
Issaquena:																		
September.....				1	327	988												
October.....				1	340	988												
November.....				1	313	975							1	300	902			
December.....																		
Average.....	2	314	943	3	327	984							1	300	902			

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled by analyses—Continued.

MISSISSIPPI—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19		1917-18		1916-17		1915-16		1914-15						
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.			
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.			
Lauderdale:																		
September.....																		
October.....																		
November.....																		
December.....																		
January.....																		
Average.....	44	317	981				3	318	982	3	328	958	21	302	985	17	318	998
Lawrence:																		
September.....				9	304	1,083												
October.....				7	303	1,083												
November.....				2	314	1,090	1	338	934									
December.....					283	1,067												
Average.....	20	321	1,010	19	304	1,085	1	338	934									
Leake:																		
September.....				1	254	1,077												
Average.....	1	254	1,077	1	254	1,077												
Lee:																		
September.....				9	282	1,026												
October.....				11	295	1,035	1	316	1,029									
November.....							2	307	940									
December.....																		
Average.....	35	315	993	20	289	1,031	4	307	965	1	344	1,017	3	320	944	7	315	1,007

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

MISSISSIPPI—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Monroe:				Pounds.									
September.....				308	1	274	1,016						
October.....													
November.....													
December.....													
January.....													
Average.....	21		991		1	274	1,016				4	328	958
Montgomery:													
October.....					2	293	1,099						
November.....													
December.....													
January.....					1	318	1,124						
Average.....	6	309	1,035		3	306	1,112	1	324	1,137		296	977
Neshoba:													
Sept.....					1	296	1,067						
Average.....	1	295	1,067		1	296	1,067						
Newton:													
September.....					4	300	1,029	1	314	899			
November.....					4	305	1,064	1	342	944			
December.....					1	235	1,035	1	332	1,064			
Average.....	12	315	1,006		9	300	1,043	3	329	969			
Noxubee:													
October.....					1	276							
Average.....	1	276			1	276							

[illegible]

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

MISSOURI—Continued.

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—			1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>	
Butler:				1	317	1,105													
October.....																			
November.....				2	263	982													
January.....																			
Average.....	8	308	1,008	3	290	1,044													
Clay:																			
October.....																			
November.....																			
December.....																			
Average.....	6	309	983																
Callaway:																			
October.....				1	267	1,042													
December.....				2	287														
Average.....	3	277	1,042	3	277	1,042													
Dunklin:																			
September.....				9	251	1,080				1	308	1,013	9	318	1,004				
October.....				14	258	1,058				4	323	997	40	316	982	2	305	1,004	
November.....				5	288	1,093				1	302		42	317	998				
December.....				23	285					2	315	918	18	299	1,007				
January.....				2	295	928							2	290	947				
Average.....	180	306	946	53	275	832	6	332	931	8	312	976	111	308	988	2	305	1,004	
Mississippi:																			
October.....				1	352	944													
November.....													1	309	1,054				
December.....													1	313	985				
Average.....	3	322	982	1	352	944							2	311	1,020				

[illegible]

NORTH CAROLINA.

BY COUNTIES.

County.	Total sam- ples.	Crop season.											
		1918-19			1917-18			1916-17			1915-16		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	Pounds.
State.....	4, 065	328	932										
Alamance.....	7	332	942	5	323	957	1	323	865		350	1, 004	681
Alexander.....	6	324	963	1	292	1, 023	1	355	883		335	982	
Anson.....	250	333	934	86	303	1, 002	20	318	881	73	340	990	51
Ashe.....	8	330	938	2	315	1, 007	2	323	891	1	339	918	3
Beaufort.....	4	325	915					304	911		346	918	
Bertie.....	6	312	937	1	303	959	3	308	912				2
Bladen.....	69	321	958	23	313	999	11	297	912	6	334	948	15
Brunswick.....	3	320	933				2	307	858		333	1, 007	1
Burke.....	3	340	950								332	953	2
Cabarrus.....	169	327	941	22	306	960	6	321	925	4	347	933	93
Camden.....	1	296	1, 039	1									
Caldwell.....	1	342	918										1
Carters.....	3	306	927				2	298	922				1
Catawba.....	14	340	922	2	340	912		335	885	2	352	915	8
Chatham.....	29	328	932	10	317	1, 007	8	319	880	5	336	947	3
Cherokee.....	338		939				1	318	864		358	1, 013	
Chowan.....	3	310	961								2	335	924
Cleveland.....	129	331	900	33	313	945	9	318	841	38	331	903	37
Columbus.....	16	321	989	13	315	1, 044	1	316	906		341	953	1
Craven.....	2	361	876							2	361	876	
Cumberland.....	144	317	948	78	303	965	44	306	914	7	334	923	14
Currituck.....	5	319	907							2	319	909	
Davidson.....	18	312	956	4	303	973	3	318	904	2	324	880	4
Davie.....	35	325	905	16	312	954	7	307	885	9	335	858	3
Duplin.....	31	323	968	20	322	990	11	324	945				
Durham.....	2	315	893										
Edgecombe.....	48	335	913	19	319	921	1	300	883				1
Franklin.....	3	348	936	1	358	985	2	358	886	8	347	985	14
Gaston.....	87	329	936	41	309	967	9	319	913	10	340	963	11
Gates.....	3	329	958					339	878		335	1, 042	1

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

NORTH CAROLINA—Continued.

BY COUNTIES—Continued.

County.	Total sam- ples.	5-year average yield of...		Crop season.											
				1918-19		1917-18		1916-17		1915-16		1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>		<i>Pounds.</i>	<i>Pounds.</i>
Graham.....	2	336	1,012	2	336	1,012							2	334	920
Granville.....	2	334	920												
Greene.....	7	337	923	1	339	950	2	303	852	2	352	933	2	354	957
Halifax.....	25	337	921	9	330	896	9	333	903	2	348	861	4	331	991
Harnett.....	89	322	929	49	311	959	18	302	901	11	338	900	4	337	906
Haywood.....	2	321	866												
Hertford.....	2	327	977	1	318	1,032	1	298	842						
Hoke.....	127	326	952	47	306	986	27	335	922	15	326	884	22	351	1,005
Iredell.....	23	339	943	1	325	978	1	332	855	18	339	907	1	369	969
Johnston.....	140	325	921	95	313	936	19	312	912	16	339	882	5	333	915
Jones.....	1	337	903										1	337	903
Lee.....	29	330	928	11	325	987	9	323	868	4	341	902	2	336	931
Lenoir.....	31	323	943	4	323	970	5	304	951	14	334	916	4	331	959
Lincoln.....	47	333	928	14	324	963	10	330	922	6	328	874	1	347	902
McDowell.....	4	328	994	1	301	1,042	2	329	921				1	327	1,020
Macon.....	1	319	982												
Madison.....	10	322	955	4	301	1,034	4	320	906	2	345	925			
Martin.....	6	325	896												
Mecklenburg.....	403	330	922	259	311	939	53	332	896	45	340	878	21	335	934
Montgomery.....	17	326	944	2	306	1,009	4	334	861	2	324	944	5	338	969
Moore.....	12	317	1,007	3	310	1,095	5	338	985	1	314	959	1	316	1,026
Nash.....	18	328	930	5	336	936	7	299	907	1	360	903	3	305	986
New Hanover.....	1	342	846										4	331	878
Northampton.....	20	336	936	8	342	973	3	313	874	3	339	983	3	341	1,021
Onslow.....	3	350	886										3	341	1,021
Orange.....	22	322	938	10	311	963	8	318	888	1	318	903	1	332	1,004
Pamlico.....	1	311	706										1	311	706
Pasquotank.....	6	338	871												
Pender.....	10	305	1,017	10	305	1,017	5	314	865	1	361	877			
Perquimans.....	3	330	936				1	309	* 944	1	349	937	1	333	928

[illegible]

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
		Oil.	Meal.	1918-19			1917-18			1916-17			1915-16			1914-15		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Alamance:			<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>		<i>Pounds.</i>	
September.....				1	333	925												
October.....				3	313	991												
November.....							1	323	865									
December.....																		
January.....				1	322	956												
Average.....	7	332	942	5	323	957	1	323	865			1	350	1,004				

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[illegible]

TABLE VI.— *Yields of oil and meal, by counties, as compiled from analyses—Continued.*

NORTH CAROLINA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.											
				1918-19			1917-18			1916-17			1915-16		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Duplin:					Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
September.....				1	319	1,026									
October.....				10	313	982	4	317	890						
November.....				7	323	975	1	349	982						
December.....							3	318	937						
January.....				2	334	978	3	311	972						
Average.....	31	323	968	20	322	990	11	324	945						
Durham:															
October.....							1	300	883				1	330	903
November.....															
Average.....	2	315	893				1	300	883				1	330	903
Edgecombe:															
September.....				7	325	941	1	340	963				11	332	909
October.....				7	324	933	3	320	909	6	334	918	2	340	865
November.....				3	323	925	1	319	941	2	360	1,051	1	348	868
December.....				1	305	864									
Average.....	48	335	913	19	319	921	5	326	938	2	341	839	8	340	881
Franklin:															
October.....				1	358	985									
December.....							1	343	884						
January.....							1	332	887						
Average.....	3	348	936	1	358	985	2	338	886						
Gaston:															
September.....				1	304	1,017							1	316	925
October.....				18	324	963	2	301	925	7	352	953	6	331	940
November.....				30	301	944	2	306	896	6	331	940	3	355	904
December.....				15	299	972	2	308	944	3	336	997	4	337	896
January.....				5	316	940	3	328	887	2	324	884	3	334	953
Average.....	87	329	936	41	309	967	9	319	913	10	339	878	16	340	903
Average.....													11	336	957

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

NORTH CAROLINA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Hoke:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
September.....		12	297	978	1	339	858	1	342	871	4	347	1,032	1	321	1,017			
October.....		11	314	988	8	317	874	5	341	861	18	354	978	1	359	1,026			
November.....		17	319	975	10	319	918							6	327	997			
December.....		6	297	972	3	308	928	5	308	906				3	318	947			
January.....		1	302	1,017	5	315	931	4	314	899				5	322	937			
Average.....	127	326	952		47	306	986	27	320	902	15	326	884	22	351	1,005	16	329	985
Iredell:																			
October.....				978															
November.....		1	325					2	352	884	1	369	969		1	321	1,013		
December.....							1	332	855	9	329	982							
January.....											6	335	874		1	335	1,001		
Average.....	23	339	943		1	325	978	1	332	855	18	339	907	1	369	969	2	328	1,007
Johnston:																			
September.....				953				8	343	887	1	346	899		5	330	959		
October.....		15	309								2	350	906						
November.....		21	321	953	10	321	925	6	329	855	2	330	906						
December.....		44	321	928	4	329	884	2	345	903									
January.....		8	306	906	4	306	918				2	324	941						
Average.....	140	325	921		95	313	936	19	312	912	16	339	882	5	333	915	5	330	959
Jones:																			
September.....											1	337	903						
Average.....	1	337	933								1	337	903						

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

NORTH CAROLINA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Pitt:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
September.....		1	295	1	267	884	1	372	944	1	345	1,035	1	321	925	1	321	925	
October.....		3	333	1	310	925	2	340	941					6	332	940			
November.....		3	328	2	324	877	2												
January.....		1	324	2	305														
Average.....	23	333	961	8	320	907	6	372	944	1	345	1,035	7	327	933				
Randolph:																			
December.....							1	340	880										
January.....							1	287	912										
Average.....	2	313	896				1	340	880										
Richmond:																			
September.....		8	308	2	342	906	3	346	893	6	334	997	2	347	941				
October.....		5	314	9	333	899				14	345	975							
November.....		9	311	8	325	899							2	344	950				
December.....		2	298	9	337	934	2	340	918				7	329	893				
January.....		2	295	6	323	909	4	335	915				6	330	925				
Average.....	106	331	945	26	305	909	9	340	909	20	340	986	17	338	927				
Robeson:																			
September.....		22	298	2	329	937	17	344	909	33	351	953	13	338	956				
October.....		17	301	32	319	903	20	341	902	54	345	950		23	339	956			
November.....		20	311	37	320	922	3	348	931					9	333	1,007			
December.....		6	297	16	314	940	34	330	921					13	333	972			
January.....		13	294	11	308	925	7	312	922					23	325	956			
Average.....	425	327	952	78	300	999	98	335	917	87	348	952	81	334	969				

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

OKLAHOMA.

BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—						Crop season.											
		1918-19			1917-18			1916-17			1915-16			1914-15					
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
State.....	906	286	979	190	258	1,020	207	289	1,001	190	282	985	136	309	939	183	299	991	
Atoka.....	5	297	937	1	276	988	1	298	988	2	281	964	3	316	886				
Beckham.....	14	302	976	9	285	988	2	301	988	2	275	987	5	340	903				
Blaine.....	22	294	997	1	277	1,040	16	275	951	2	273	987	8	304	951	16	302	1,001	
Bryan.....	24	280	932	2	271	974	17	280	1,014	20	275	987	8	317	912	2	263	846	
Caddo.....	75	283	1,008	23	257	1,038	17	280	1,014	20	273	987	8	303	976	7	300	1,027	
Canadian.....	1	276	988	1	276	988	1	298	988	2	281	964	3	316	886				
Cartier.....	31	284	980	3	260	1,034	20	290	1,036	7	275	1,020	1	310	831				
Cherokee.....	8	290	945	2	241	1,023	1	307	1,000	5	322	812	5	322	812				
Choctaw.....	7	287	920	4	286	931	1	284	986	2	261	896	1	314	943				
Cleveland.....	8	300	963	5	263	931	1	284	986	1	321	967	1	330	967				
Coal.....	8	279	995	2	265	905	2	281	1,005	3	278	1,053	1	290	1,015				
Comanche.....	46	275	1,031	5	240	1,065	8	281	1,046	2	263	1,034	10	299	977	21	291	1,033	
Cotton.....	14	274	1,057	4	242	1,078	4	266	1,121	2	309	979	2	292	1,005	4	297	1,024	
Creek.....	5	291	957	1	244	983	1	285	1,059	1	321	909	2	321	909				
Custer.....	20	286	1,061	1	235	1,133	1	285	1,059	4	315	1,015	4	304	1,037	14	304	1,037	
Garvin.....	36	265	991	6	239	1,021	4	243	996	20	256	968	5	298	977	1	290		
Grady.....	35	281	1,004	9	251	1,040	5	268	983	11	272	989	3	318	1,000	7	294	1,006	
Greer.....	43	290	1,017	12	268	1,046	10	291	992	5	315	1,022	5	305	1,022	11	305	1,020	
Harmon.....	29	302	1,030	11	268	1,067	2	317	1,036	4	330	995	3	299	1,009	9	296	1,042	
Has-kell.....	7	276	927	2	259	941	2	269	983	4	309	979	3	299	858				
Hughes.....	9	259	931	2	251	920	1	264	955	6	261	918							
Jackson.....	50	298	1,011	9	283	1,007	9	283	1,007	8	298	1,019	12	311	985	21	299	1,031	
Jefferson.....	25	279	1,021	2	237	1,050	7	265	1,005	11	287	1,034	3	309	995	2	299	1,020	
Johnston.....	10	292	1,004	5	300	1,062	2	300	1,062	2	261	1,015	3	316	935				
Kingfisher.....	3	331	947	2	326	998	2	326	998				1	336	896				

Kiowa.....	79	288	1,028	6	250	1,039	14	292	1,026	23	289	1,010	1	309	1,021	35	298	1,043
Le Flore.....	12	290	947	3	263	937	3	325	965	1	264	998	5	308	886			
Lincoln.....	22	307	973	13	271	1,011	3	304	1,010	5	310	935	1	343	934			
Logan.....	12	286	999	3	265	1,007	2	290	1,017	5	300	980	2	287	963			
Love.....	8	295	946				4	296	979	1	288	955	3	300	904			
McClain.....	22	281	979	9	251	1,016	9	288	1,004	1	274	922	3	309	973			
McCurain.....	6	287	930	2	268	926	4	275	934									
McIntosh.....	10	286	936	4	253	979	2	285	953	2	288	983	1	301	882	1	305	884
Marshall.....	6	280	922	1	260	939	3	268	872	1	308	939	1	282	939			
Mayes.....	2	247	1,074	2	247	1,074												
Murray.....	6	271	983	1	233	1,050	1	253	974	1	287		3	309	924			
Muskogee.....	13	302	942	6	256	1,086	3	308	973	1	296	998	4	305	828	1	345	874
Noble.....	1	237	983							1	257	983						
Okluskee.....	13	280	970	7	276	1,010	3	300	1,018	2	265	888	1	320	962			
Oklahoma.....	9	298	960	4	265		1	314	986	2	308		2	304	933			
Okmulgee.....	5	284	947	2	243	910	1	313	1,045	1	276		1	302	886			
Pawnee.....	2	268	926	1	257	891				1	278	960						
Payne.....	2	256	992	3	260	1,007	1	239	1,034	2	249	934						
Pittsburg.....	8	292	927	1	268	934							7	316	920			
Pontotoc.....	10	292	944				1	269	939	5	298	965	4	310	928			
Pottawatomie.....	4	317	945				1	352	1,034	2	290	967		1	309	983		
Pushmataha.....	1	305	839										1	305	839			
Seminole.....	2	258								1	234					1	281	
Sequoyah.....	7	308	937				3	309	969	2	275	989	1	327	867	1	322	922
Stephens.....	50	284	1,016	9	245	1,061	10	284	1,021	15	302	995	4	299	983	12	289	1,022
Texas.....	1	285	998															
Tillman.....	30	282	1,049	1	231	1,057	4	291	1,101	4	279	1,036	1	285	998	15	297	1,035
Tulsa.....	2	269	1,059	2	269	1,059							6	312	1,018			
Wagoner.....	7	291	1,043				6	284	1,055	1	298	1,031						
Woods.....	1	289	939				1	289	939									
Washita.....	12	282	1,052	2	260	1,067	8	306	1,053	1	270	1,078				1	291	981

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

OKLAHOMA—Continued.

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.												
		1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
Atoka:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
October.....																
November.....																
December.....																
January.....		1	276	1	298	988	1				1	307	1	328	896	1
Average.....	5	297	937	1	298	988	1			3	316					
Beckham:																
September.....				4	275	1,112				1	258					
October.....				1	284	1,045										
November.....				3	288	1,017	1	328	1,036							
December.....					283	1,026		274	939	1	303	964				
January.....				1												
Average.....	14	302	976	9	285	1,050	2	301	988	2	281	964	1	340	903	
Blaine:																
September.....													1	303	955	3
October.....													1	294	884	5
November.....													2	301	964	6
December.....				1	277	1,040							1	319	1,000	2
January.....																
Average.....	22	294	997	1	277	1,040							5	304	951	16
Bryan:																
September.....				1	266	974				2	275	977				2
October.....							4	240	960							
November.....							1	262	1,000							
December.....							8	299	941							
January.....				1	275		1	281	922				2	317	912	
Average.....	24	280	932	2	271	974	16	275	951	2	275	977	2	317	912	2
																</

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Garvin:	September	4	239	1,055	2	221	953	10	248	991	2	301	977		
	October				2	265	1,038					3	294	977	
	November							7	265	955				1	200
	December	2	239	986				3	254	955					
	January									955					
Average.....															
Grady:	September	6	239	1,021	4	243	996	20	256	968	5	298	977	1	290
	October														
	November	4	245	1,064				3	276	1,000	2	301	983	2	286
	December	1	251	1,036	4	283	1,064	2	276	1,005				3	293
	January	4	256	1,019	1	252	901	6	264	962	1	335	1,017	1	303
Average.....															
Greer:	September	35	281	1,004	9	251	1,040	11	272	989	3	318	1,000	7	294
	October														
	November	3	256	1,083				2	277	986	1	335	1,062	1	311
	December	5	259	1,112	1	299	1,088	2	314	1,069	2	282	1,015	4	304
	January	1	276	1,074	6	276	962	2	281	922	2	329	988	2	306
Harmon:	September	12	268	1,066	10	272	981	5	291	992	5	315	1,022	11	305
	October														
	November	1	256	1,150				1	337	1,007	1	302	1,086	1	304
	December	4	260	1,116	1	324	1,034	2	317	953				4	301
	January	4	290	1,067	1	309	1,038	1	337	1,026				3	301
Average.....															
Haskell:	September	11	268	1,067	2	317	1,036	4	330	995	3	299	1,009	9	296
	October														
	November	2	259	941	2	269	983				3	299	858		
	December														
	January	2	259	941	2	269	983				3	299	858		
Average.....															
Hughes:	September	1	263					5	251	888					
	October	1	238	920	1	264	955	1	270	948					
	November														
	December														
	January														
Average.....															

Klowa:	September.....	3	244	1,043	2	290	1,040	1	309	1,021	4	298	1,031
	October.....	2	258	1,088	6	316	1,064				11	303	1,057
	November.....	1	252	955	4	282	993				5	303	1,081
	December.....				2	280	1,007				8	292	1,029
	January.....				2	280	1,007				7	292	1,019
Average.....		6	250	1,039	14	292	1,026	23	309	1,021	35	298	1,043
Le Flore:	September.....	2	262	931	2	315	977		5	308			
	October.....	1	263	943	1	335	953						
	November.....												
	December.....												
Average.....		3	263	937	3	325	965	1	308	886			
Lincoln:	September.....	7	259	1,024	3	304	1,010	3	343	934			
	October.....	4	270	998	1	299	983						
	November.....	2	283	998	1	310	935	1	343	934			
	December.....												
Average.....		13	271	1,011	3	304	1,010	5	343	934			
Logan:	September.....	1	240					4	290	1,002			
	October.....	1	289						284	983			
	November.....				2	290	1,017						
	December.....	1	1,007					1	295	1,015			
Average.....		3	265	1,007	2	290	1,017	5	300	980	2	287	993
Loye:	September.....				2	310	1,050	1	288	953			
	October.....				1	307	1,086						
	November.....								308	899			
	December.....				1	271	891		292	939			
Average.....		4	296	979	1	288	953	3	300	904			
McClain:	September.....	2	250	988									
	October.....				2	301	1,069						
	November.....				2	309	1,007		301	974			
	December.....	7	252	1,043	3	288	1,002	1	316	972			
Average.....		9	251	1,016	9	288	1,004	1	309	973			

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

OKLAHOMA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																				
		5-year average yield of—						1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
McCurtain:																						
September.....		Pounds.	Pounds.	1																		
November.....				1	306	926	2	239														
December.....							2	310	934													
Average.....	6	287	930	2	298	926	4	275	934													
McIntosh:																						
September.....				1	256	960																
October.....				3	250	998	1	261	860	1	278	1,040	1	301	882							
November.....							1	308	1,045	1	297	926								1	305	884
Average.....	10	286	936	4	253	979	2	285	953	2	288	983	1	301	882	1	305					884
Marshall:																						
September.....																						
October.....											1	308	939									
November.....																						
December.....							1	259	872													
January.....				1	260	939																
Average.....	6	280	922	1	260	939	3	268	872	1	308	939	1	282	939							
Mayes:																						
October.....				2	247	1,074																
Average.....	2	247	1,074	2	247	1,074																
Murray:																						
September.....				1	233	1,050																
November.....							1	253	974		1	287										
December.....																						
Average.....	6	271	983	1	233	1,050	1	253	974	1	287											

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TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

SOUTH CAROLINA.

BY COUNTIES.

County.	Total sam- ples.	5-year average, yield of—		1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
State.....	9,277	Pounds 327	Pounds 941	Pounds 306	Pounds 979	Pounds 1,762	Pounds 938	Pounds 324	Pounds 938	Pounds 1,029	Pounds 333	Pounds 911	Pounds 336	Pounds 901	Pounds 2,955	Pounds 922		
Abbeville.....	162	318	933	297	939	61	928	317	928	35	332	878	22	323	962	32	322	959
Aiken.....	324	329	961	298	1,002	89	970	328	970	64	333	928	50	345	976	103	339	931
Anderson.....	141	327	914	311	914	34	894	330	894	17	331	885	22	335	951	41	330	918
Bamberg.....	155	319	953	303	994	39	954	305	954	15	326	938	24	323	979	46	346	902
Barnwell.....	713	324	941	303	967	32	975	321	975	131	330	915	97	323	954	292	345	895
Beaufort.....	80	322	955	307	1,035	24	963	317	963	3	325	915	3	317	961	15	346	900
Berkeley.....	196	328	951	39	979	73	952	319	952	5	348	933	23	332	998	56	340	899
Calhoun.....	119	333	943	303	953	42	911	324	911	8	333	926	8	353	987	33	355	903
Charleston.....	171	329	941	309	1,010	65	957	315	957	4	341	871	15	342	965	48	338	901
Cherokee.....	11	332	923	328	950	2				6	331	921	3	337	899			
Chester.....	212	332	950	315	981	15	950	324	950	25	340	903	69	344	982	91	339	935
Chesterfield.....	148	326	912	29	296	1,027	910	319	910	10	347	928	43	330	976	51	340	871
Clarendon.....	309	328	939	48	311	973	953	320	953	53	337	923	37	334	962	96	338	906
Colleton.....	259	324	952	32	296	1,000	965	313	965	5	322	920	25	333	954	58	339	919
Darlington.....	130	313	938	91	299	972	938	310	938	63	317	906	57	345	941	59	323	935
Dillon.....	321	325	946	31	294	1,003	925	320	925	13	327	868	110	348	957	123	335	978
Dorchester.....	218	325	956	35	300	1,008	969	317	969	9	334	953	27	331	956	67	344	895
Edgefield.....	100	325	955	31	305	991	951	329	951	25	333	915	14	328	969	18	332	951
Fairfield.....	106	338	924	29	315	930	908	310	908	22	345	920	28	349	973	14	342	886
Florence.....	333	320	928	37	302	977	903	310	903	50	322	909	38	333	919	109	331	930
Georgetown.....	55	322	957	7	287	977	938	315	938	3	329	963	9	343	1,005	24	338	903
Greenville.....	90	333	944	24	315	951	913	339	913	17	336	883	26	345	942	11	330	949
Hampton.....	271	325	944	48	309	951	931	322	931	23	332	903	71	335	978	116	329	956
Horry.....	258	325	951	77	301	1,012	965	314	965	25	331	915	22	341	960	41	349	903
.....	31	326	932	306	1,013	15	929	315	929	2	332	898	3	341	925	8	334	927

Jasper.....	28	320	954	16	296	1,008	1	297	915	1	336	956	4	337	1,006	6	336	883
Kershaw.....	112	334	955	15	308	1,011	9	327	958	10	351	896	35	314	995	43	333	913
Lancaster.....	51	330	921	4	307	967	1	312	906	3	314	878	16	311	955	27	314	897
Laurens.....	281	332	930	49	318	959	16	324	917	25	341	887	69	338	920	122	338	938
Lee.....	176	321	938	17	304	975	50	315	932	16	321	904	34	331	966	59	332	914
Lexington.....	176	327	949	52	302	1,018	29	328	966	8	332	890	37	337	957	50	338	915
McCormick.....	181	331	941	.....	.....	.....	4	332	963	47	335	887	67	331	972	63	326	943
Marion.....	106	326	959	24	293	995	23	319	920	2	332	906	26	346	963	31	340	1,011
Marlboro.....	587	330	965	65	303	1,009	79	328	918	24	335	925	181	316	987	238	338	958
Newberry.....	193	329	930	36	310	954	10	338	946	4	320	889	24	340	945	119	335	917
Oconee.....	7	332	953	1	305	950	1	359	963	3	335	913	1	346	1,001	1	315	937
Orangeburg.....	491	325	953	113	293	978	135	312	914	36	331	914	73	343	995	131	318	903
Pickens.....	20	337	899	13	335	914	3	347	909	3	329	841	1	336	936	.....	.....	.....
Richland.....	264	328	942	52	304	973	44	323	958	37	332	930	51	339	956	80	341	894
Saluda.....	62	321	970	10	297	1,035	10	310	965	4	337	938	10	325	960	28	336	953
Spartanburg.....	104	331	927	16	318	947	7	317	917	23	341	903	19	340	925	39	337	943
Sumter.....	536	327	949	56	319	991	134	316	918	104	331	924	78	336	972	164	333	912
Union.....	124	333	917	25	318	936	32	326	901	16	347	901	26	342	927	25	334	918
Williamsburg.....	330	311	918	55	294	954	94	296	911	7	310	884	73	317	939	101	340	903
York.....	202	331	921	22	320	970	21	315	865	26	337	898	66	346	946	67	337	926

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.					
				1918-19		1917-18		1916-17	
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Abbeville:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
September.....		.....	.....	10	295	922	3	342	852
October.....		.....	.....	7	295	972	7	338	855
November.....		.....	.....	18	299	915	3	339	909
December.....		.....	.....	12	295	928	4	313	874
January.....		.....	.....	14	299	956	1	330	902
Average.....	162	318	933	61	297	939	35	332	878
							22	323	962
							32	322	959

Pounds.
333 979
320 937
315 940
324 975
319 963

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

County and month.	Total sam- ples.	Crop season.																				
		5-year average yield of—				1918-19			1917-18			1916-17			1915-16			1914-15				
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.			
		Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.			
Greenville:																						
September.....				7	296	979	1	333	903							10	348	928	3	331	937	
October.....				7	328	934	1	340	925			17	336	883	13	338	915	3	341	940		
November.....							3	360	896							1	344	922	4	333	972	
December.....				2	321	950	3	327	1,004							2	351	1,001	2	324	940	
January.....				8	316	940	1	335	988										2	323	956	
Average.....	90	333	934	24	315	951	9	339	943			17	336	883	26	345	942			14	330	949
Greenwood:																						
September.....				14	307	975	2	323	944			10	345	865	45	347	978			14	340	947
October.....				6	312	940	4	323	937						17	333	960	39	324	960		
November.....				12	310	950	4	320	921			2	334	950	5	339	972	47	333	963		
December.....				7	310	925						5	320	896	5	333	1,001	12	327	959		
January.....				9	307	963						6	329	902	2	325	978	4	323	950		
Average.....	271	325	944	48	309	951	10	322	934			23	332	903	74	345	978			116	329	956
Hampton:																						
September.....				12	296	978	16	324	940			10	350	912	14	337	959			11	358	883
October.....				8	301	1,035	18	320	944			4	337	918	7	339	941			3	359	909
November.....				28	317	997	24	319	982			3	331	906	1	318	979	7	341	906		
December.....				15	295	1,029	20	301	982			5	314	912						9	343	909
January.....				14	298	1,023	15	306	979			3	323	925						11	343	909
Average.....	258	325	951	77	301	1,012	93	314	965			25	331	915	22	331	960			41	349	903
Horry:																						
September.....							1	334	959											2	364	842
October.....				2	303	1,032	2	316	893											3	321	912
November.....				2	308	1,032	7	316	915			1	330	871						1	323	1,010
December.....							2	298	922			1	333	865								
January.....				2	308	975	3	312	956											2	326	944
Average.....	34	325	932	6	306	1,013	15	315	929			2	332	868	3	341	925			8	334	927

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

SOUTH CAROLINA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
McCormick:																			
September.....																9	343	940	
October.....																13	325	940	
November.....																27	329	940	
December.....																12	320	956	
January.....																2	314	941	
Average.....	181	331	911				4	332	963	47	335	887	67	331	972	63	326	943	
Marion:																			
September.....				6	292	994	5	324	883	1	329	890	5	352	950	5	352	1,004	
October.....				4	283	1,016	6	313	890	1	334	921	20	342	960	8	336	1,000	
November.....				5	292	991	6	324	956							7	314	1,020	
December.....				6	293	991	2	314	922				1	344	978	8	333	1,017	
January.....				3	303	985	4	318	940							3	336	1,013	
Average.....	106	326	959	24	293	995	23	319	920	2	332	906	26	346	963	31	340	1,011	
Marlboro:																			
September.....				35	298	1,020	15	328	912	14	335	883	96	344	975	41	343	959	
October.....				3	295	1,010	26	325	944	4	338	915	77	349	978	92	340	963	
November.....				19	306	997	23	331	940	2	341	975	5	349	994	63	335	953	
December.....				11	310	1,001	9	328	966	3	314	928	3	340	1,001	23	337	963	
January.....				6	307	1,017	6	330	979	1	328	922				19	333	953	
Average.....	587	330	965	65	303	1,009	79	328	948	24	335	925	181	346	987	238	338	958	
Newberry:																			
September.....				8	301	966	5	329	997	1	321	855	14	338	941	14	340	940	
October.....				5	320	950	2	338	915				9	341	931	36	327	925	
November.....				9	320	950	3	346	925	1	321	877	1	342	963	33	341	925	
December.....				6	298	969				2	318	934				28	335	903	
January.....				8	310	937										8	330	890	
Average.....	193	329	930	36	310	954	10	338	946	4	320	889	24	340	945	119	335	917	

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

SOUTH CAROLINA—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		1918-19			1917-18			1916-17			1915-16		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.	
Sumpter:													
September.....		28	345	38	324	928	14	338	915	31	331	883	
October.....		9	1,001	36	318	941	29	340	915	39	337	956	
November.....		8	323	28	315	966	28	333	925	39	334	956	
December.....		2	340	20	307	933	22	321	944	19	331	918	
January.....		9	308	15	314	953	11	323	921	22	327	921	
Average.....	536	327	949	56	319	991	134	331	924	78	336	972	164
Union:													
September.....													
October.....		8	318	2	325	963	3	352	906	4	353	963	9
November.....		7	315	13	328	890	6	345	912	21	346	934	10
December.....		2	315	9	327	912	7	345	884	1	327	883	3
January.....		1	329	1	343	918	.....	.....	.....	.....	.....	.....	.....
Average.....	124	333	917	25	326	901	16	347	901	26	342	927	25
Williamsburg:													
September.....		4	280	8	308	902	2	326	899	30	315	937	20
October.....		15	297	33	295	883	.....	.....	.....	43	318	940	45
November.....		12	300	20	293	908	.....	.....	.....	14	334	909	14
December.....		7	298	13	294	922	5	295	868	.....	.....	.....	.....
January.....		17	287	13	290	921	.....	.....	.....	.....	.....	.....	.....
Average.....	330	311	918	55	294	911	7	310	884	73	317	939	101
York:													
September.....		7	313	.....	.....	.....	4	345	950	21	351	969	11
October.....		2	340	7	334	883	.....	.....	.....	44	353	934	29
November.....		6	319	12	332	893	7	347	890	.....	.....	.....	13
December.....		3	314	1	297	811	8	334	871	1	333	934	3
January.....		4	312	1	297	871	4	317	893	.....	.....	.....	11
Average.....	202	331	921	22	315	895	26	337	898	66	346	946	67

TENNESSEE.
BY COUNTIES.

County.	Total sam- ples.	5-year average yield of—				Crop season.														
						1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	
State.....	1,323	Pounds.	Pounds.	623	Pounds.	Pounds.	255	Pounds.	Pounds.	192	Pounds.	Pounds.	185	Pounds.	Pounds.	68	Pounds.	Pounds.		
Bedford.....	6	321	1,015	4	307	1,073	1	336	966	1	319	1,007								
Benton.....	10	298	975	4	278	1,052	4	304	866				2	311	1,007					
Bledsoe.....	1	321	883				1	321	883											
Bradley.....	1	302	925							1	302	925								
Carroll.....	59	316	971	35	282	1,018	18	317	886	1	346	994	5	319	987					
Carter.....	1	312	1,032	1	312	1,032														
Chester.....	9	309	977	6	278	1,016	3	339	937											
Coffee.....	1	269	1,070	1	269	1,070														
Crockett.....	53	290	971	11	280	1,014	9	290	891	20	306	980	12	299	1,000	1	275			
Davidson.....	27	308	974							1	335	940	12	295	961	14	294	1,015		
Decatur.....	4	322	1,075	3	293	1,082							1	350	1,067					
Dickson.....	1	336	966													1	336	966		
Dyer.....	85	301	1,004	8	294	1,035	14	324	919	41	312	951	21	302	979	1	271	1,134		
Fayette.....	72	304	993	60	288	1,029	5	304	1,000	3	322	921	2	298	959	2	310	1,058		
Franklin.....	1	320	937							1	320	937								
Gibson.....	89	298	984	19	290	1,067	35	327	889	7	312	991	16	287	977	12	274	997		
Giles.....	98	319	993	86	237	1,054							10	341	956	2	320	974		
Hamilton.....	1	308	1,121	1	308	1,121							2	314	1,023					
Hardeman.....	59	314	965	35	294	1,041	18	322	899	4	327	896								
Hardin.....	35	295	1,027	1	285	1,067							34	305	987					
Hanks.....	1	241														1	241			
Haywood.....	39	301	998	26	292	1,031	6	310	887	5	304	1,006				2	298	1,070		
Henderson.....	20	298	964	15	301	1,024	1	276	890	1	288	959	3	327	982					
Knox.....	1	326	975										1	326	975					
Henry.....	16	306	936	12	296	1,010	4	315	861											
Houston.....	1	338	997																	
Houston.....	1	329	963																	
Jefferson.....	1	329	963																	
Lake.....	29	309	976	11	313	1,006	11	315	922				7	301	1,001					
Landerdale.....	111	304	975	23	285	1,028	19	325	909	45	314	969	22	301	988	2	293	979		
Lawrence.....	16	329	951	12	311	1,005	2	336	910	2	340	937								

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

TENNESSEE—Continued.

BY COUNTIES—Continued.

County.	Total sam- ples.	5-year average yield of—						Crop season.											
		1918-19			1917-18			1916-17			1915-16			1914-15					
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Pounds.
Lincoln.....	6	301	1,066	6	301	1,066		315	956										
McMinn.....	4	301	938	2	298	985	1	315	956										
McNairy.....	10	317	983	8	335	926	2	335	926										
Madison.....	66	301	976	24	286	1,017	8	320	931	5	309	962	15	297	978	14	291	994	
Mauv.....	2	312	1,041	2	312	1,041													
Monroe.....	1	319	883				1	319	883										
Obion.....	31	313	1,010	7	280	1,060	10	338	1,010	9	323	955	5	310	1,014				
Overton.....	2	306	1,055	2	306	1,055													
Polk.....	13	318	954	2	314	993	4	306	925	7	333	944	9	325	1,028	2	319	1,073	
Rutherford.....	40	322	1,023	25	309	1,043				4	334	948							
Shelby.....	183	306	972	126	284	1,008	33	309	878	13	309	974	3	323	971	8	304	1,028	
Stewart.....	3	336								1	336								
Sumner.....	3	321	920				3	321	920										
Tipson.....	81	304	975	31	290	1,010	29	319	897	14	315	930	2	317	1,023	5	278	1,013	
Washington.....	1	283	1,137	1	283	1,137													
Weakly.....	29	305	965	12	277	1,022	15	324	877	2	311	1,004				1	268		
White.....	1	268																	
Wayne.....	1	303	978										1	303	978				

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TENNESSEE—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.													
				1918-19			1917-18			1916-17			1915-16			1914-15	
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	
Chester:		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		
September.....			256	3	969												
October.....			274	1	1,035												
November.....			300	1	1,051	3	339	937									
December.....			282	1	1,007												
Average.....	9	309	977	6	278	1,016	3	339	937								
Crockett:																	
September.....			251	2	1,051	1	255	883	2	329	985						
October.....			297	3	1,035	4	300	921	5	316	1,015						
November.....			297	1	1,035	4	306	858	8	301	997				1	275	
December.....			285	3	960				4	290	931						
January.....			262	2	991				1	296	969						
Average.....	53	290	971	11	280	1,014	9	290	891	20	305	989	12	299	1,000	1	275
Coffee:																	
December.....				1	209	1,070											
Average.....	1	269	1,070	1	209	1,070											
Davidson:																	
October.....																	
November.....													3	320	966	3	300
December.....													5	296	969	3	301
January.....													3	292	966	5	292
Average.....	27	308	974							1	335	940	1	271	941	3	282
Decatur:																	
November.....																	
December.....				2	280	1,080							1	350	1,067		
Average.....	4	322	1,075	3	293	1,082							1	350	1,067		

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TEXAS.
BY COUNTIES.

County.	5-year average yield of—			Crop season.														
	Total sam- ples.			1918-19			1917-18			1916-17			1915-16			1914-15		
	Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
State.....	1,984	279	982	456	273	983	482	277	996	481	289	991	335	282	989	230	273	936
Anderson.....	25	266	958	3	293	979	5	289	979	8	293	985	3	280	956	6	275	936
Angelina.....	3	254	955	2	245	979	.....	.....	.....	.....	.....	.....	1	262	931	.....	.....	.....
Archer.....	2	265	1,057	1	262	1,057	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	267	936
Austin.....	12	284	1,023	1	281	1,057	4	275	1,012	4	302	1,034	.....	.....	.....	3	276	936
Bastrop.....	6	263	1,010	.....	.....	.....	1	257	.....	2	276	.....	3	255	1,010	.....	.....	.....
Bay.....	11	278	998	.....	.....	.....	1	257	974	1	281	1,021	5	304	999	4	270	936
Bee.....	2	285	1,062	.....	.....	.....	1	285	893	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bel.....	2	295	1,062	.....	.....	.....	1	279	1,062	1	311	.....	.....	.....	.....	.....	.....	.....
Bexar.....	1	287	1,015	.....	287	1,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bosque.....	12	275	1,023	4	264	.....	4	285	1,022	1	298	1,002	2	280	1,045	1	246	936

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

TEXAS—Continued.

BY COUNTIES—Continued.

County.	Total sam- ples.	5-year average yield of—			Crop season.														
					1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.				Pounds.			Pounds.			Pounds.			Pounds.			Pounds.	
Bowie.....	17	296	969	298	8	298	935				7	290	980	2	299	812			
Brazoria.....	2	290		290	1	289													
Brazos.....	6	267	1,009	1,015	4	251								2	282	1,002			
Brown.....	4	272	972	265	3	265	1,010							1	279	934			
Burleson.....	6	271	1,023	275	1	275	1,062	2	278	1,017				3	260	991			
Burnet.....	2	269	940								1	273	931	1	265	948			
Caldwell.....	1	276	939								1	238		1	276	939			
Callahan.....	2	255			1	272					1	311							
Callahan.....	4	266	1,006	244	1	244	955				1	238	1,057		271				
Cameron.....	1	276		276	1														
Camp.....	3	284	1,056																
Cherokee.....	7	289	981	298	2	298	1,021	1	288	1,116				2	279	996			
Childress.....	31	277	1,009	280	10	280	985	8	277	1,049	4	274	940	6	287	993	1	295	
Clay.....	2	266	1,045					2	266	1,045							1	261	
Coleman.....	3	289	965	298	1	298	912				2	279	1,018						
Collins.....	54	269	964	297	12	297	955	20	257	958	15	272	977	6	263	965	1	258	
Collingsworth.....	14	301	1,014	281	6	281	1,051	4	300	1,018				3	311	987			
Colorado.....	2	272	983											2	272	983			
Comal.....	5	282	1,020	2	2	285	988	1	275	1,083				2	285	990			
Comanche.....	4	273	991	280	3	280					1	266	991						
Concho.....	2	288																	
Cooke.....	12	276	1,013					1	281		1	295							
Correll.....	30	283	1,086	265	4	265		3	272	1,024	9	280	1,001						
Cottle.....	31	299	1,031	278	11	278	966	5	275	1,086	13	301		1	306		7	269	
Crosby.....	27	306	981	299	8	299	1,005	4	298	956	9	320	952	2	305	1,018			
Dallas.....	28	272	956	263	15	263	928	6	259	975	1	296		4	302	1,009	2	311	
Dawson.....	7	297	1,012	281	3	281	968				4	312	1,056	4	260	964	2	282	
De Witt.....	17	292	963	277	3	277	1,007	1	278	991	7	313		6	298	881			
De Witt.....	16	273	1,015	260	3	260	1,050	6	265	996	6	283	1,034		284	979			
De Witt.....	12	268	966	257	5	257	986							7	278	945			

Motley.....	27	294	1,008	14	283	974	4	278	1,018	5	302	1,001	4	313	1,038	.....	.....
Nacogdoches.....	8	279	963	4	274	952	.....	.....	.....	1	295	.....	3	268	974	.....	.....
Navarro.....	37	266	997	8	273	993	13	261	990	5	291	1,037	7	255	966	4	250
Nolan.....	6	292	966	.....	.....	.....	.....	.....	.....	3	304	995	3	279	936	.....	.....
Nueces.....	10	256	996	2	248	977	.....	.....	.....	.....	.....	.....	2	262	1,015	6	258
Palo Pinto.....	1	284	1,093	.....	.....	.....	1	284	1,083	.....	.....	.....	.....	.....	.....	.....	.....
Panola.....	4	291	910	1	282	.....	.....	.....	.....	.....	.....	.....	3	299	910	.....	.....
Parier.....	6	270	1,006	3	240	1,000	1	288	1,026	.....	.....	.....	.....	.....	.....	2	282
Polk.....	14	293	976	3	291	1,038	3	284	969	3	321	.....	5	275	981	.....	991
Pecos.....	1	282	.....	1	282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rains.....	6	270	978	5	264	977	1	276	979	.....	.....	.....	.....	.....	.....	.....	.....
Red River.....	17	288	931	4	285	1,000	9	315	911	2	267	950	2	276	863	.....	.....
Refugio.....	8	274	1,024	2	262	967	.....	.....	.....	.....	.....	.....	3	289	1,081	3	270
Robertson.....	14	278	984	7	264	961	2	277	1,055	.....	.....	.....	1	274	1,012	4	298
Rockwall.....	13	259	951	2	251	969	9	260	950	1	.....	934	1	267	.....	.....	929
Runnels.....	13	283	971	2	302	958	.....	.....	.....	3	283	960	3	273	996	5	275
Rusk.....	16	278	937	11	277	932	.....	.....	.....	.....	.....	.....	4	279	941	1	279
Sabine.....	3	262	936	3	262	936	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Augustine.....	11	284	949	10	282	926	1	307	1,019	3	318	.....	1	285	972	.....	.....
San Jacinto.....	6	307	1,017	1	306	.....	.....	.....	.....	.....	.....	.....	1	296	1,015	.....	.....
San Patricio.....	2	251	983	2	251	983	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Saba.....	2	286	1,105	1	290	.....	1	282	1,105	.....	.....	.....	.....	.....	.....	.....	.....
Schleicher.....	5	290	998	5	290	998	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scurry.....	2	288	939	.....	.....	.....	.....	.....	.....	2	288	939	.....	.....	.....	.....	.....
Shelby.....	15	277	953	5	277	968	4	262	926	1	272	962	5	295	956	.....	.....
Smith.....	9	277	947	4	292	.....	2	258	962	.....	.....	.....	3	281	932	.....	.....
Somervell.....	1	280	.....	1	280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stephens.....	2	291	1,072	.....	.....	.....	1	303	1,129	1	273	1,015	.....	.....	.....	.....	.....
Stonewall.....	3	287	952	1	247	1,040	.....	.....	.....	1	301	991	1	314	825	.....	.....
Tarrant.....	27	276	998	5	267	.....	7	269	948	7	295	1,055	2	274	992	6	273
Taylor.....	7	275	1,055	1	252	1,124	.....	.....	.....	3	287	1,057	3	285	984	.....	.....
Terry.....	7	282	911	7	282	911	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Titus.....	5	204	1,011	.....	.....	.....	3	312	1,010	2	295	1,011	.....	.....	.....	1	281
Tom Green.....	1	281	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Travis.....	16	281	977	5	257	967	4	271	949	1	314	.....	4	283	1,015	2	282
Trinity.....	4	265	961	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tyler.....	4	265	961	3	257	961	.....	.....	.....	1	273	.....	.....	.....	.....	.....	.....
Upshur.....	1	258	886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Upton.....	6	277	933	1	273	926	3	287	913	2	272	1,021	.....	.....	.....	.....	.....
Van Zandt.....	1	254	1,050	.....	.....	.....	.....	.....	.....	1	254	1,050	.....	.....	.....	.....	.....
Van Zandt.....	4	271	1,001	1	269	1,017	2	267	1,006	.....	276	979	.....	.....	.....	.....	.....
Victoria.....	6	270	947	2	251	947	.....	.....	.....	2	265	.....	1	294	.....	1	269
Waller.....	14	284	1,001	8	276	1,001	1	290	.....	3	298	.....	.....	.....	.....	2	272
Waller.....	12	280	960	.....	.....	.....	3	276	.....	4	295	.....	1	277	960	4	270
Ward.....	3	294	941	.....	.....	.....	2	295	941	.....	.....	.....	.....	.....	.....	1	292
Washington.....	2	288	973	.....	.....	.....	1	275	977	.....	.....	.....	1	301	969	.....	.....

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Besque:		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
September.....		2	258		3	246	986						
October.....		2	270		1	324	1,057		1	298	1	292	1,045
November.....												267	
Average.....	12	275	1,023		4	284		4	285	1,022	2	280	1,045
Bowie:													
September.....													
October.....		1	302	1,005					3	326	2	299	812
November.....									1	275			
December.....		5	295	891					1	282			
January.....		2	297	910					2	276			
Average.....	17	296	909	935	8	298	935		7	290	2	299	812
Brazoria:													
October.....					1	290							
December.....								1	289				
Average.....	2	290			1	290		1	289				
Brazos:													
September.....													
October.....		1	238	998									
November.....		1	259	993									
December.....		1	252	1,045									
Average.....	6	267	1,009		4	256	1,024				2	282	1,002
Brown:													
October.....													
December.....					2	284	1,010				1	279	934
Average.....	4	272	972		3	265	1,010				1	279	934

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.	Pounds.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Clay:				Pounds.									
September.....				Pounds.	2								
Average.....	2	266	1,045	266	2	266	1,045						
Coleman:													
October.....					1	298	912						
November.....													
January.....													
Average.....	3	289	965	298	1	298	912						
Collin:													
September.....					5	355	989	6	235	953	9	295	1,029
October.....								3	271	960	2	294	1,002
November.....					3	270	945	3	264	974			
December.....								8	256	943	3	222	881
January.....					4	266	950				1	276	986
Average.....	54	269	964	297	12	297	955	20	257	958	15	272	977
Collingsworth:													
October.....					1	276	1,131						
November.....					2	280	1,057	1	330	1,062			
December.....					2	298	1,026	3	270	974	1	315	1,030
January.....					2	261	991				1	280	967
Average.....	14	301	1,014	281	6	281	1,051	4	300	1,018	1	311	998
Colorado:													
September.....													
October.....													
Average.....	2	272	983								2	272	983

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Dallas:													
September.....		Pounds, 272	Pounds, 956		2	242	1,007						
October.....					1	259	888						
November.....					1	273	1,010						
December.....					3	266	865						
January.....					8	273	950						
Average.....	28				15	263	928						
Dawson:													
September.....													
October.....					1	279	1,002						
November.....					1	294	943						
December.....													
January.....					1	270	958						
Average.....	7				3	281	968						
Delta:													
September.....													
October.....					3	277	1,007						
December.....													
Average.....	17				3	277	1,007						
Denton:													
September.....													
October.....					2	258	1,050						
November.....					1	261							
January.....													
Average.....	16				3	260	1,050						

[illegible]

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—(continued).

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Crop season.									
	5-year average yield of—		1918-19		1917-18		1916-17		1915-16	
	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.
Erath:	Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.
	September	263	2	245	1,081	1	299	931	1	275
	October			292			299	931	2	259
	November					1			1	276
	December									
Average.....	9	275 1,006	2	263	1,081	2	269	931	4	270
Falls:	September		2	247	969	1	254	981		
	October					1	272	974		
	November					1	280	1,024		
	December					5	277	1,043	2	248
	January		1	271				1,043	3	267
Average.....	43	267 1,005	3	259	969	2	263	1,042	5	258
Fannin:	September		1	263	1,002	7	268	931		
	October				1,003	1	306	941	4	294
	November				1,029	6	295	922	1	254
	December				1,017	3	299	877	2	263
	January		1	284	967	9	273	910	1	301
Average.....	44	281 954	2	274	964	26	288	909	7	271
Fayette:	September									
	October								1	290
	November									
	December					1	274		3	278
Average.....	8	286 831				1	274		1	299
						1	274		4	289

Fisher: September. October. November. December.					1	243	1,069	1	260	1,081	4	276	1,034	2	309	1,002	1	289
					1	289		1	273	1,081	2	284	1,012					
	Average.....	13	282	1,044	2	266	1,069	2	267	1,081	6	280	1,023	2	309	1,002	1	289
Floyd: September. October. November. December.					1	313	991											
					2	324	977	1	303	936	1	312	955	1	321	1,055		
					2	265	825	2	304	977	11	304	977	1	309	1,064	1	296
	Average.....	25	309	985	5	301	981				17	325	963	2	315	1,060	1	296
Foard: September. October. November. December. January.								1	291	1,116	1	293	974					
					1			1	320	1,121	2	308	1,010	1	297	1,029		
											1	295	1,029	1	284	1,081		
	Average.....	15	298	1,048					2	306	1,119	7	294	1,004	3	298	1,020	3	284
Fort Bend: September. October. November. December. January.					1	271		4	270	1,002	4	298		2	268	974	3	271
					4	291		1	260		2	300		2	267	931	2	261
					2	288	877	1	287					1	250	1,017	1	280
	Average.....				1	314		1	266		3	293						
Franklin: September. October. November. December.					8	284	877	7	276	1,002	9	297		5	262	974	6	271
								1	279								1	271
	Average.....	2	275					1	279								1	271
Freestone: September. October.								1	265					5	270	948		
					1			1	248	939				1	270	993		
	Average.....	8	264	955				2	257	939				6	270	971		
Frio: September. October.					1	243	960											
								1	243	1,081								
	Average.....	2	243	1,021	1	243	960	1	243	1,081								

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—(Continued.)

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																	
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15			
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	
Gaines:																			
September.....			Pounds.																
Average.....	1	280														1	280		
Garza:																			
September.....																			
November.....							2	324	945		1	311							
December.....							1	264	903										
Average.....	4	303	923				3	295	924	1	311	922							
Goliad:																			
September.....							1	276	1,015										
October.....											2	265	983						
Average.....	3	271	999				1	276	1,015										
Gonzales:																			
September.....																			
October.....							2	291	1,055		2	281	953	1	277				
Average.....	9	982	1,019				2	291	1,055	6	281	983	1	277					
Grayson:																			
September.....																			
October.....				1	267	1,034	4	285	988	1	279	998	2	285					
November.....				1	308		1	284	953				1	258					
December.....							3	277	953					312				844	
Average.....	29	282	967	2	288	1,034	16	273	986	6	285	971	1	279	998	4	285	844	

[illegible]

TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.					
				1918-19		1917-18		1916-17	
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Jackson:									
September.....		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
October.....				1	284	958			
November.....				1	274				
December.....				1	305				
Average.....	4	296	958				3	303	
Jasper:									
October.....				3					
November.....				1	256	869			
Average.....	4	249	992		242	915			
Jefferson:									
November.....				4	249	992			
Average.....	1	313	877						
Jim Wells:									
October.....				1					
Average.....	2	288	1,018		326	1,002	1	249	1,034
Johnson:									
September.....									
October.....									
January.....									
Average.....	6	269	963				2	296	1,024
							3	266	901
							1	263	901
							2	269	901
							2	296	1,024
							1	244	244
							1	244	244

Jones:	September	1	295	1,034	5	257	1,036	2	293	1,053	2	293	1,012	.....
	October	.....	.....	.....	.....	.....	.....	4	303	1,021	2	255	971	.....
	November	1	292	1,029	.....	.....	.....	6	302	1,031	2	224	988	.....
	December	.....	.....	.....	.....	.....	.....	9	291	1,055	1	251	847	.....
	January	.....	.....	.....	.....	.....	.....	.....	285	1,045	2	247	907	.....
Average.....		39	275	1,013	5	257	1,036	23	295	1,041	9	254	942	.....
Kaufman:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		32	268	1,021	16	264	996	4	279	1,055	2	260	1,034	.....
Kendall:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		1	265	1,002	1	265	1,012	.....	.....	.....	.....	.....	.....	.....
Kent:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		2	266	1,030	1	255	1,039	.....	.....	.....	1	276	991	.....
Knox:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		3	271	1,024	1	237	1,033	.....	.....	.....	.....	.....	.....	.....
Lamar:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		26	268	951	8	254	942	3	277	984	8	292	883	983
Lampas:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		1	256	952	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lavaca:	September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average.....		6	277	915	1	252	901	2	280	882	3	294	961	.....

TABLE VI.—Yields of oil and meal, by counties, as compiled from analyses—Continued.

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
Lee:													
September.....	1	273	1,017					1					
Average.....													
Leon:													
September.....					2	254	1,000	1	253	977	1	267	963
October.....													
Average.....	11	273	965		2	254	1,000	1	253	977	2	287	993
Liberty:													
September.....													
October.....													
November.....					1	285	981				1	240	1,015
December.....					1	279	917						
Average.....	4	268	982		2	282	949				1	240	1,015
Limestone:													
September.....					1	268	960	1	266	1,034	1	291	1,002
October.....					2	254	945	1	280	1,002	2	256	986
November.....					1	255	981				1	290	936
December.....													
Average.....	15	273	990		4	259	962	2	273	1,018	4	288	994
Live Oak:													
September.....													
January.....								1	275	1,005	1	306	879
Average.....	2	291	942					1	275	1,005	1	306	879

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total samples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Runnels:		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
October.....		283	971										
November.....					1	333	958				1	265	979
December.....											1	281	1,038
January.....					1	271					1	273	972
Average.....	13				2	302	958				3	273	996
Rusk:													
September.....					5	277	998						
October.....					1	284	910						
November.....					1	288	941				4	279	941
December.....					1	254	915						
January.....					3	281	905						
Average.....	16	278	937		11	277	932				4	279	941
Sabine:													
October.....					2	259	929						
November.....					1	265	943						
Average.....	3	362	936		3	262	936						
San Augustine:													
October.....					3	272	931						
November.....					5	281	924				1	285	972
December.....					2	294	924						
Average.....	11	284	949		10	282	926				1	285	972
San Jacinto:													
September.....													
October.....					1	306					1	286	1,015
November.....													
December.....													
Average.....	6	307	1,017		1	306					1	296	1,015

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TABLE VI.—*Yields of oil and meal, by counties, as compiled from analyses—Continued.*

TEXAS—Continued.

BY COUNTIES AND MONTHS—Continued.

County and month.	Total sam- ples.	Crop season.																
		5-year average yield of—		1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
Young:																		
September.....																		
October.....				5		Pounds. 258		1	263		1	265		310	1,040			
November.....				1		266		1	295		1	979						
December.....				1		245		1	318		1							
January.....				1		1,015		3	1,001		1					1	266	
Average.....	13	278	1,032	7		256	1,040	3	292	1,070	1	265	979	1	310	1 040	1	266

VIRGINIA.

BY COUNTIES.

County.	Total sam- ples.	Crop season.																
		5-year average yield of—		1913-19			1917-18			1916-17			1915-16			1914-15		
				Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.			
		Oil.	Meal.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Oil.	Meal.
State.....	32	327	927	2	341	898	21	320	914	3	332	916	1	338	944	5	330	956
Brunswick.....	7	334	920	1	333	852	4	349	850	1	321	1,016				1	333	900
Essex.....	1	363	956	1	363	936												
Isle of Wight.....	2	274	916				2	274	916									
Nansemond.....	4	312	934				2	304	921							2	320	946
Southampton.....	16	325	931	1	348	944	12	310	929	1	314	871	1	338	944	1	328	969
Sussex.....	2	349	906							1	360	861				1	338	950

BY COUNTIES AND MONTHS.

County and month.	Total sam- ples.	5-year average yield of—		Crop season.														
				1918-19			1917-18			1916-17			1915-16			1914-15		
		Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
Brunswick:																		
September																		
October				1	333	852											1	333
December																		
January							3	339	807									
Average	7	334	920	1	333	852	4	349	850	1	321	1,016				1	333	960
Essex:																		
November							1	363	956									
Average	1	363	956				1	363	956									
Isle of Wight:																		
November							1	277	941									
December							1	270	890									
Average	2	274	916				2	274	916									
Nansmond:																		
September																		
October							1	335	940							1	311	884
November							1	272	902							1	329	1,007
Average	4	312	934				2	304	921							2	320	946
Southampton:																		
September																		
October							3	321	950	1	314	871				1	328	969
November							2	321	918									
December				1	348	944	4	305	921									
January							3	293	925									
Average	16	328	944	1	348	944	12	310	929	1	314	871				1	328	969
Sussex:																		
November																		
December																1	338	950
Average	2	349	906													1	338	950

ARKANSAS.

State.....	3,987	306	1,010	1,668	290	1,055	1,214	318	971	417	308	1,025	500	311	981	188	307	1,018
September.....	962	307	1,016	430	283	1,057	103	313	982	221	310	1,027	74	317	982	134	311	1,030
October.....	1,123	310	1,023	497	388	1,067	396	322	985	45	303	1,050	159	318	979	26	317	1,032
November.....	1,972	309	1,015	364	296	1,059	345	320	970	59	306	1,078	188	316	985	16	307	995
December.....	602	309	995	226	295	1,051	240	318	963	72	308	994	63	301	979	1	323	988
January.....	328	297	999	151	291	1,042	130	316	956	20	312	976	16	291	978	11	275	1,043

CALIFORNIA.

State.....	16	323	1,133	13	322	1,142	1	346	1,140	2	316	1,154	.....	.....	.....	.....	.....	.....
November.....	2	326	1,218	1	330	1,295	.....	.....	.....	1	321	1,140	.....	.....	.....	.....	.....	.....
December.....	5	325	1,128	3	319	1,077	.....	346	1,140	1	311	1,168	.....	.....	.....	.....	.....	.....
January.....	9	317	1,054	9	317	1,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FLORIDA.

State.....	352	325	1,021	80	315	1,090	145	334	1,029	14	336	938	72	319	1,021	41	326	979
September.....	120	326	996	18	311	1,044	62	324	1,017	5	350	934	25	324	994	10	319	991
October.....	401	324	1,021	32	316	1,080	29	334	1,011	6	330	980	26	312	1,022	8	330	1,012
November.....	66	331	1,035	26	334	1,085	26	347	1,026	.....	.....	.....	13	319	1,063	1	335	969
December.....	55	324	1,003	1	295	1,111	25	335	1,059	3	329	901	8	320	1,004	18	340	941
January.....	10	322	1,048	3	329	1,128	3	330	1,034	.....	.....	.....	.....	.....	.....	4	308	981

GEORGIA.

State.....	14,083	323	943	4,194	307	973	2,359	317	943	2,572	330	897	2,343	323	972	2,615	327	929
September.....	4,474	330	940	1,128	302	961	678	320	952	783	338	880	1,215	324	964	670	329	941
October.....	3,589	323	933	1,008	310	973	561	318	937	624	336	881	788	324	956	608	328	920
November.....	2,737	322	947	1,062	308	980	582	320	943	453	329	909	180	323	978	460	330	926
December.....	1,988	320	950	521	307	982	309	316	949	555	325	908	124	322	979	479	330	931
January.....	1,295	318	944	475	307	970	229	310	935	157	324	905	36	321	982	398	320	925

TABLE VII.—*Yields of oil and meal, by months, as compiled from analyses—Continued.*
KENTUCKY.

State.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
State.....	27	318	1,022		8	299	917						
September.....	6	323	1,029		3	279	975						
October.....	8	311	1,086		4	307	915						
November.....	10	333	1,018		1	312	861						
December.....	1	326	861										
January.....	2	296	1,002										

LOUISIANA.

State.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
State.....	2,104	309	1,038		515	300	1,061						
September.....	598	312	1,033		145	309	1,057						
October.....	512	303	1,032		164	309	1,046						
November.....	455	308	1,018		73	303	1,081						
December.....	330	308	1,033		70	291	1,052						
January.....	209	312	1,046		63	290	1,070						

MISSISSIPPI.

State.	Total sam- ples.	Crop season.											
		5-year average yield of—			1918-19			1917-18			1916-17		
		Oil.	Meal.		Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.
		Pounds.	Pounds.			Pounds.	Pounds.		Pounds.	Pounds.		Pounds.	Pounds.
State.....	2,351	313	994		1,439	303	1,012						
September.....	777	315	980		449	300	1,040						
October.....	554	314	1,009		367	299	1,043						
November.....	551	316	994		319	306	1,056						
December.....	261	312	1,007		160	304	1,040						
January.....	208	310	978		144	306	1,029						

MISSOURI.

State.....	338	306	983	151	287	1,031	19	338	940	15	309	958	146	310	986	7	304	994
September.....	43	292	1,041	32	264	1,072	7	324	996	2	298	1,048	9	318	1,004	4	322	994
October.....	124	310	1,000	51	288	1,034	6	324	996	5	291	994	57	324	1,004	3	322	1,008
November.....	79	315	987	13	285	1,055	6	360	996	3	318	953	54	314	1,006	3	286	979
December.....	77	312	964	44	302	1,056	6	331	882	3	313	912	24	302	1,004	3	286	979
January.....	15	299	923	11	285	938				2	323	883	2	290	947			

NEW MEXICO.

State.....	2	353	1,045	1	362					1	344	1,045						
September.....																		
October.....	1	362		1	362					1	344	1,045						
November.....	1	344	1,045															

NORTH CAROLINA.

State.....	4,065	327	937	1,454	312	975	777	318	905	578	338	896	575	339	963	681	331	947
September.....																		
October.....	766	330	939	311	309	984	46	323	911	119	344	882	190	342	964	100	334	955
November.....	1,266	331	935	398	313	979	250	222	903	138	347	898	358	340	947	122	331	951
December.....	912	331	946	417	319	965	278	322	903	88	343	907	14	341	981	115	331	973
January.....	593	322	936	172	308	975	113	311	906	154	330	905	9	329	946	145	330	947
	528	323	930	156	312	974	90	311	901	79	324	886	4	341	979	199	329	909

OKLAHOMA.

State.....	906	290	995	190	263	1,018	207	286	1,005	190	287	991	136	308	946	183	304	1,019
September.....																		
October.....	246	282	993	81	254	1,025	35	276	1,031	82	272	988	24	309	901	21	297	1,017
November.....	220	288	1,012	42	256	1,037	58	291	1,038	28	291	990	22	303	971	60	298	1,023
December.....	149	269	1,003	11	270	998	92	283	969	14	294	1,004	26	309	978	36	329	1,040
January.....	179	282	984	45	267	1,029	28	291	989	38	290	977	32	315	927	36	298	998
	112	288	984	8	270	1,002	24	277	966	28	286	988	22	306	953	30	299	1,019

SOUTH CAROLINA.

State.....	9,277	325	940	1,762	305	981	1,794	326	940	1,029	333	911	1,737	333	963	2,955	337	922
September.....																		
October.....	2,223	330	934	485	300	967	258	325	934	252	340	901	660	340	956	559	343	911
November.....	2,975	328	938	314	306	985	312	320	930	278	339	905	976	337	954	895	338	914
December.....	1,863	327	950	440	307	982	400	323	940	210	335	915	58	333	980	685	337	934
January.....	1,138	322	947	197	305	992	316	313	945	185	325	913	21	333	958	409	333	928
	1,078	320	949	326	305	979	248	317	951	94	324	922	13	321	969	397	333	923

TABLE VII.—Yields of oil and meal, by months, as compiled from analyses—Continued.

TENNESSEE.

State.	Total sam- ples.	5-year average yield of—	Crop season.															
			1918-19			1917-18			1916-17			1915-16			1914-15			
			Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.	Sam- ples.	Oil.	Meal.		
State.....	1,323	Pounds. 305	Pounds. 981	623	Pounds. 293	Pounds. 1,032	255	Pounds. 317	Pounds. 917	192	Pounds. 317	Pounds. 964	185	Pounds. 308	Pounds. 973	68	Pounds. 292	Pounds. 1,019
September.....	183	308	989	121	279	1,048	18	313	955	32	314	978	1	334	937	11	302	1,027
October.....	273	309	996	143	294	1,052	38	327	942	35	331	987	46	313	989	11	289	1,015
November.....	432	312	981	109	304	1,041	166	322	894	52	321	963	52	312	998	17	303	1,008
December.....	249	297	961	98	297	1,012	24	311	882	61	307	926	45	292	982	21	278	999
January.....	186	299	977	152	291	1,006	9	313	911	12	313	967	5	290	956	8	288	1,044

TEXAS.

State.....	1,984	280 971	456	276 968	482 278 979	481	290 989	282 991	230	274 948
September.....	697	280 992	162	265 1,005	214 274 1,008	158	288 977	953	53	276 953
October.....	441	282 982	88	274 978	72 280 986	101	301 986	979	58	280 979
November.....	317	284 968	72	283 967	102 284 987	49	293 986	982	42	275 982
December.....	333	278 969	66	273 960	66 278 963	144	287 939	996	48	267 948
January.....	186	275 944	68	252 937	28 263 908	29	281 992	944	29	270 940

VIRGINIA.

State.....	32	326 906	2	341 898	21 316 910	3	339 903	338 944	5	326 938
September.....	3	315 914	1	333 852	4 328 945	2	318 944	944	1	311 884
October.....	9	332 930	1	348 944	5 308 929	1	360 901	944	3	330 979
November.....	7	331 941	1	348 944	6 311 901	1	360 861	944	1	338 950
December.....	7	336 881	6	348 881	6 316 866	6	348 866	944	6	348 866
January.....	6	316 866	6	316 866	6 316 866	6	316 866	944	6	316 866

TABLE VIII.—Variation of yields of oil and meal on same market.

Origin.	Date sold.	Oil.	Meal.	Origin.	Date sold.	Oil.	Meal.
Jefferson County, Ark.:	1918	<i>Pounds.</i>	<i>Pounds.</i>	Washington County, Miss.:	1918	<i>Pounds.</i>	<i>Pounds.</i>
Althemier.....	Dec. 13	256	947	Greenville.....	Sept. 1	284	937
Do.....	do.	273	1,032	Do.....	do.	297	950
Do.....	do.	283	1,105	Do.....	do.	305	1,026
Do.....	do.	295	1,169	Do.....	do.	313	994
Ouachita County, Ark.:				Do.....	do.	317	928
Camden.....	Nov. 7	255	1,055	Do.....	do.	323	922
Do.....	do.	262	1,092	Do.....	do.	323	947
Do.....	do.	263	988	Sunflower County, Miss.:			
Do.....	do.	276	1,036	Drew.....	Nov. 18	287	997
Do.....	do.	286	1,045	Do.....	do.	293	1,054
Do.....	do.	302	1,073	Do.....	do.	298	975
Mississippi County, Ark.:				Do.....	do.	305	978
Osceola.....	Nov. 18	314	1,042	Do.....	Nov. 21	290	1,089
Do.....	do.	318	1,029	Do.....	do.	295	1,093
Do.....	do.	329	1,032	Do.....	do.	304	1,115
Do.....	Nov. 21	334	1,080	Do.....	Nov. 23	322	1,051
Do.....	do.	338	1,118	Do.....	do.	325	1,054
Do.....	Nov. 24	297	921	Tallahatchie County, Miss.:			
Pulaski County, Ark.:				Charleston.....	Nov. 24	298	1,064
Scott.....	Nov. 17	287	988	Do.....	do.	318	1,039
Do.....	do.	290	893	Do.....	Nov. 25	276	1,048
Do.....	Nov. 18	281	998	Do.....	do.	294	953
Do.....	do.	321	937	Do.....	do.	307	1,007
Do.....	Nov. 20	264	1,051	Do.....	Nov. 26	302	1,111
Do.....	do.	303	985	Do.....	Nov. 27	283	1,020
Burke County, Ga.:				Do.....	Nov. 30	314	1,004
Waynesboro.....	Dec. 11	278	903	Mecklenburg County, N. C.:			
Do.....	do.	301	966	Charlotte.....	Sept. 21	284	988
Do.....	do.	305	959	Do.....	do.	289	985
Do.....	do.	315	890	Do.....	do.	295	960
Do.....	do.	333	925	Do.....	do.	295	978
Clark County, Ga.:				Do.....	do.	302	896
Athens.....	Oct. 24	297	921	Do.....	do.	314	998
Do.....	do.	307	845	Do.....	do.	327	966
Do.....	do.	328	912	Do.....	do.	329	947
Franklin County, Ga.:				Do.....	do.	333	921
Lavonia.....	Jan. 29	291	909	Do.....	do.	342	937
Do.....	do.	312	909	Do.....	do.	350	934
Do.....	do.	312	915	Scotland County, N. C.:			
Burke County, Ga.:				Gibson.....	Nov. 26	283	1,039
Waynesboro.....	Sept. 5	300	804	Do.....	do.	289	1,105
Do.....	Sept. 6	319	814	Do.....	do.	293	1,070
Do.....	do.	324	864	Do.....	do.	296	1,096
Do.....	Sept. 7	327	1,007	Cumberland County, N. C.:			
Do.....	Sept. 9	309	903	Fayetteville.....	Nov. 9	309	950
Do.....	Sept. 10	324	966	Do.....	do.	330	956
Do.....	Sept. 11	291	991	Do.....	Nov. 11	276	959
Do.....	do.	301	890	Do.....	do.	294	941
Do.....	do.	314	865	Do.....	Nov. 12	296	931
Do.....	do.	333	896	Do.....	Nov. 13	281	925
Dougherty County, Ga.:				Do.....	do.	288	925
Albany.....	Sept. 7	260	944	Do.....	Nov. 14	316	959
Do.....	do.	282	1,032	Do.....	Nov. 15	295	902
Do.....	do.	302	1,010	Union County, N. C.:			
Do.....	do.	304	934	Union.....	Oct. 5	305	918
Do.....	Sept. 10	307	959	Do.....	Oct. 9	295	950
Do.....	Sept. 11	308	985	Do.....	do.	316	890
Do.....	Sept. 12	313	982	Do.....	do.	325	979
Do.....	Sept. 13	294	931	Do.....	do.	334	950
Do.....	do.	303	963	Do.....	Oct. 10	311	931
Do.....	do.	304	966	Do.....	do.	313	940
Do.....	do.	319	925	Do.....	do.	320	921
Lee County, Miss.:				Do.....	do.	325	874
Tupela.....	Oct. 2	280	1,026	Do.....	Oct. 11	309	940
Do.....	do.	292	1,042	Do.....	do.	313	1,048
Do.....	do.	295	1,020	Do.....	do.	325	1,010
Do.....	do.	298	1,118	Barnwell County, S. C.:			
Do.....	do.	336	1,055	Allendale.....	Sept. 26	276	978
Sunflower County, Miss.:				Do.....	do.	302	903
Drew.....	Nov. 3	321	1,064	Do.....	do.	314	922
Do.....	do.	323	1,067	Do.....	do.	318	921
Do.....	do.	323	1,089	Do.....	do.	323	1,029
Do.....	do.	324	1,080	Do.....	do.	329	909
Do.....	do.	324	1,089				

TABLE VIII.—*Variation of yields of oil and meal on same market—Continued.*

Origin.	Date sold.	Oil.	Meal.	Origin.	Date sold.	Oil.	Meal.
Berkeley County, S. C.:	1918	<i>Pounds.</i>	<i>Pounds.</i>	Hempstead County, Ark.:	1916	<i>Pounds.</i>	<i>Pounds.</i>
Monk's Corner.....	Nov. 16	313	896	Hope.....	Sept. 10	280	1,035
Do.....	do.	316	1,093	Do.....	do.	287	985
Do.....	do.	318	966	Do.....	do.	296	1,020
Calhoun County, S. C.:				Do.....	do.	297	1,016
St. Matthews.....	Oct. 16	285	966	Do.....	do.	298	1,004
Do.....	do.	301	827	Do.....	do.	301	909
Do.....	do.	327	1,004	Do.....	do.	304	903
Charleston County, S. C.:				Do.....	do.	308	1,007
Charleston.....	Oct. 29	301	947	Do.....	do.	310	950
Do.....	do.	305	874	Do.....	do.	315	960
Do.....	do.	324	1,013	Do.....	do.	315	1,036
Do.....	do.	340	960	Do.....	do.	321	991
Lexington County, S. C.:				Do.....	do.	321	998
Batesburg.....	Oct. 21	281	1,048	Do.....	do.	321	1,007
Do.....	do.	284	979	Do.....	do.	322	1,001
Do.....	do.	287	1,055	Do.....	do.	327	928
Do.....	do.	301	1,074	Do.....	do.	331	985
Do.....	do.	302	1,045	Do.....	do.	332	1,035
Do.....	do.	325	1,016	Do.....	do.	333	966
Darlington County, S. C.:				Do.....	do.	334	988
Darlington.....	Sept. 13	288	1,029	Do.....	do.	337	975
Do.....	Sept. 14	280	975	Bartow County, Ga.:			
Do.....	Sept. 16	279	906	Cartersville.....	Oct. 4	333	921
Do.....	do.	297	950	Do.....	do.	344	874
Do.....	Sept. 18	302	1,051	Do.....	do.	348	839
Dillon County, S. C.:				Do.....	do.	350	855
Latta.....	Sept. 10	289	1,036	Do.....	Nov. 19	323	947
Do.....	do.	295	1,001	Do.....	do.	329	827
Do.....	do.	295	1,042	Do.....	do.	332	887
Do.....	Sept. 11	280	1,017	Do.....	do.	338	928
Do.....	do.	298	1,001	Do.....	do.	338	953
Do.....	Sept. 12	283	1,064	Do.....	Nov. 26	307	874
Do.....	Sept. 13	280	1,013	Do.....	do.	311	883
Do.....	do.	282	994	Do.....	do.	318	877
Orangeburg County, S. C.:				Do.....	do.	322	890
Springfield.....	Nov. 14	276	1,004	Do.....	do.	326	931
Do.....	do.	279	979	Do.....	Sept. 17	350	884
Do.....	Nov. 15	274	1,010	Do.....	do.	366	855
Do.....	Nov. 16	283	979	Do.....	Sept. 18	355	833
Do.....	Nov. 18	296	982	Do.....	Sept. 19	330	858
Do.....	do.	322	1,004	Do.....	Sept. 20	341	925
Do.....	Nov. 19	290	944	Do.....	Sept. 21	353	861
Do.....	Nov. 20	278	978	Do.....	Sept. 23	355	880
Do.....	do.	291	931	Do.....	do.	360	855
Do.....	do.	310	997	Hancock County, Ga.:			
Lincoln County, N. C.:	1917.			Deveraux.....	Sept. 22	335	887
Lincolnton.....	Nov. 30	286	915	Do.....	Sept. 23	348	845
Do.....	do.	299	940	Do.....	do.	349	858
Do.....	do.	300	890	Do.....	Sept. 24	336	852
Do.....	do.	303	979	Do.....	Sept. 25	327	849
Do.....	do.	312	921	Do.....	Sept. 28	338	864
Scotland County, N. C.:				Terrell County, Ga.:			
Elmore.....	Oct. 14	308	865	Dawson.....	Sept. 25	333	969
Do.....	do.	311	890	Do.....	Sept. 27	338	906
Do.....	do.	314	865	Do.....	do.	341	909
Do.....	do.	314	918	Do.....	do.	352	953
Union County, N. C.:				Do.....	do.	370	915
Monroe.....	Oct. 17	306	817	Do.....	Sept. 28	344	855
Do.....	do.	314	918	Do.....	do.	344	807
Do.....	do.	308	836	Do.....	do.	352	858
Do.....	do.	326	906	Do.....	do.	352	953
Do.....	do.	336	909	Do.....	Sept. 30	321	880
Cumberland County, N. C.:				Bartow County, Ga.:	1915.		
Fayetteville.....	Oct. 10	288	899	Cartersville.....	Oct. 18	322	940
Do.....	Oct. 11	285	842	Do.....	do.	324	903
Do.....	do.	291	921	Do.....	do.	337	918
Do.....	Oct. 13	311	890	Do.....	do.	348	944
Do.....	do.	316	975	Do.....	do.	356	922
Do.....	Oct. 15	314	918	Taliaferro County, Ga.:			
Do.....	Oct. 16	297	887	Crawfordsville.....	Oct. 22	311	915
				Do.....	do.	322	918
				Do.....	do.	326	899
				Do.....	do.	327	893
				Do.....	do.	327	928
				Do.....	do.	330	909
				Do.....	do.	330	921
				Do.....	do.	331	921
				Do.....	do.	343	922

TABLE VIII.—Variation of yields of oil and meal on same market—Continued.

Origin.	Date sold.	Oil.	Meal.	Origin.	Date sold.	Oil.	Meal.
Terrell County, Ga.:	1915	<i>Pounds.</i>	<i>Pounds.</i>	Greenwood County, S. C.—Continued.	1915	<i>Pounds.</i>	<i>Pounds.</i>
Dawson.....	Aug. 14	302	1,007	Greenwood.....	Sept. 19	335	931
Do.....	do.	303	1,061	Do.....	do.	341	1,010
Do.....	do.	309	988	Do.....	do.	353	1,016
Do.....	do.	309	1,001	Monroe County, Ark.: 1914.			
Do.....	do.	314	1,058	Holly Grove.....	Sept. 4	314	997
Do.....	do.	314	1,064	Do.....	do.	314	1,001
Do.....	do.	317	963	Pope County, Ark.: Atkins.....	do.	290	1,036
Do.....	Aug. 15	327	982	Do.....	do.	315	1,016
Do.....	Aug. 16	348	915	Pitt County, N. C.: Coupers.....	Jan. 4	319	925
Do.....	Aug. 18	299	988	Do.....	do.	327	978
Do.....	do.	303	1,004	Do.....	do.	329	931
Do.....	do.	306	877	Do.....	do.	331	933
Do.....	do.	309	1,105	Do.....	do.	336	925
Do.....	do.	320	991	Do.....	do.	346	928
Do.....	do.	338	1,010	Cabarrus County, N. C.: Concord.....	Oct. 18	317	972
Chesterfield County, S. C.:				Do.....	do.	319	959
Ruby.....	Sept. 27	325	969	Do.....	Oct. 19	327	956
Do.....	do.	332	956	Do.....	Oct. 20	331	972
Do.....	do.	337	978	Do.....	Oct. 21	321	937
Do.....	do.	338	966	Do.....	Oct. 22	315	963
Dillon County, S. C.:				Do.....	do.	329	956
Little Rock.....	Sept. 24	361	966	Do.....	Oct. 24	319	1,013
Do.....	do.	367	956	Union County, N. C.:			
Do.....	do.	374	944	Monroe.....	Sept. 26	309	899
Greenwood County, S. C.:				Do.....	do.	354	861
Greenwood.....	Sept. 27	334	1,039	Do.....	Sept. 27	327	896
Do.....	do.	344	1,055	Do.....	do.	337	963
Do.....	do.	351	915	Do.....	Sept. 28	323	884
Do.....	do.	358	982	Do.....	Sept. 30	309	852
Do.....	do.	363	956	Do.....	do.	347	1,007
Do.....	do.	366	959	Do.....	Nov. 12	349	915
Do.....	do.	384	978	Do.....	Nov. 14	329	909
Marlboro County, S. C.:				Do.....	do.	351	912
Clio.....	Oct. 16	339	940	Do.....	Nov. 15	324	963
Do.....	do.	340	975	Do.....	do.	347	947
Do.....	do.	343	959	Do.....	Nov. 16	328	940
Do.....	do.	344	979	Do.....	Nov. 17	354	931
Do.....	do.	347	956	Do.....	do.	359	896
Do.....	do.	349	940	Do.....	Nov. 18	332	893
Do.....	do.	349	959	Do.....	Dec. 13	321	883
Do.....	do.	350	1,029	Do.....	do.	331	883
Do.....	do.	351	1,016	Do.....	do.	331	934
Do.....	do.	356	978	Do.....	do.	360	865
Do.....	do.	359	994	Bamberg County, S. C.:			
Do.....	do.	361	1,029	Bamberg.....	Oct. 3	340	845
Darlington County, S. C.:				Do.....	do.	352	874
Darlington.....	Oct. 25	353	960	Do.....	do.	357	823
Do.....	Oct. 26	311	953	Do.....	do.	361	861
Do.....	Oct. 27	305	941	Barnwell County, S. C.:			
Do.....	do.	312	979	Allendale.....	Sept. 18	347	934
Do.....	do.	314	937	Do.....	do.	348	871
Do.....	do.	329	979	Do.....	do.	359	918
Do.....	Oct. 30	311	991	Do.....	do.	371	893
Do.....	do.	320	991	Greenwood County, S. C.:			
Do.....	do.	322	960	Greenwood.....	Nov. 5	300	1,036
Do.....	do.	336	969	Do.....	do.	310	1,001
Do.....	do.	340	979	Do.....	do.	316	906
Do.....	do.	327	1,058	Do.....	do.	334	922
Greenwood County, S. C.:				Do.....	do.	336	972
Greenwood.....	Sept. 13	344	1,004	Do.....	do.	342	1,051
Do.....	do.	347	1,004	Do.....	do.	363	941
Do.....	Sept. 15	331	906	Williamsburg County, S. C.:			
Do.....	Sept. 16	337	985	Gordons.....	Sept. 26	336	827
Do.....	do.	344	972	Do.....	do.	355	868
Do.....	do.	367	1,013	Do.....	do.	364	807
Do.....	Sept. 18	350	931	Do.....	do.	371	899
Do.....	do.	352	985				
Do.....	do.	359	1,026				
Do.....	do.	371	972				
Do.....	Sept. 19	333	922				

TABLE VIII.—*Variation of yields of oil and meal on same market—Continued.*

Origin.	Date sold.	Oil.	Meal.	Origin.	Date sold.	Oil.	Meal.
Barnwell County, S. C.:	1915	<i>Pounds.</i>	<i>Pounds.</i>	Greenwood County,	1915	<i>Pounds.</i>	<i>Pounds.</i>
Dunbarton.....	Jan. 16	322	922	S. C.:	Nov. 11	326	959
Do.....	do.....	343	928	Greenwood.....	do.....	333	1,032
Do.....	do.....	346	922	Do.....	do.....	344	1,007
Do.....	do.....	322	928	Do.....	do.....	350	975
Do.....	do.....	334	953	Do.....	Nov. 12	326	928
Do.....	do.....	323	887	Do.....	do.....	337	902
Do.....	do.....	357	963	Do.....	Nov. 15	295	1,042
Florence County, S. C.:				Do.....	do.....	313	1,070
Olanda.....	Dec. 5	348	918	Do.....	do.....	331	1,086
Do.....	Dec. 6	311	972	Do.....	Nov. 16	315	921
Do.....	do.....	315	944	Do.....	do.....	317	982
Do.....	do.....	335	956	Do.....	do.....	317	980
Do.....	do.....	337	979	Do.....	do.....	342	1,048
Do.....	Dec. 9	324	918	Do.....	do.....	354	947
Do.....	Dec. 10	340	921				

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MAP I.

[See table on p. 8.]

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MAP II.

[See table on p. 24.]

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MAP III.

[See table on p. 42.]

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MAP IV.

[See table on p. 49.]

For meaning of shading, see legend on Map I.

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MAP V.

[See table on p. 85.]

For meaning of shading see legend on Map I.

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[See table on p. 97.]

MAP VI.

For meaning of shading, see legend on Map I.

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MAP VII.

[See table on p. 117.]

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MAP VIII.

[See table on p. 134.]

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MAP IX.

[See table on p. 146.]

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MAP X.

[See table on p. 157.]

For meaning of shading, see legend on Map I.

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MAP XI.

[See table on p. 167.]

For meaning of shading, see legend on Map I.

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