USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
United States, total	2,294,961	26.0	100.0	100.0	100.0	307	1,024,105,436	8.81	2.87	450,850	2.2	100.0	100.0	100.0	3,328	65,021,932	6.65
Owners, part owners, and managers	1,585,383	25.1	69.1	74.0	72.1	314	755,140,673	9.01	2.87	371,155	2.4	82.3	78.6	80.7	3,241	52,447,574	6.64
Cash tenants	62,292	30.4	2.7	2.7	2.5	336	28,916,096	9.97	2.97	8,549	1.8	1.9	1.7	1.8	3,109	1,136,154	6.52
All share tenants	390,485	25.4	17.0	16.2	20.0	249	175,288,592	7.55	3.03	59,623	1.6	13.2	18.1	15.4	3,895	10,210,458	6.76
Croppers (South only)	214,190	68.8	9.3	5.6	3.9	435	49,883,114	10.94	2.52	5,889	1.2	1.3	0.5	0.8	1,936	412,638	5.38
Other tenants	42,611	31.0	1.9	1.5	1.5	315	14,876,961	8.69	2.76	5,634	2.3	1.2	1.2	1.3	3,173	815,108	6.54
Alabama, total	89,346	62.1	100.0	100.0	100.0	409	35,036,378	8.55	2.09	5,209	3.0	100.0	100.0	100.0	1,807	1,001,520	5.12
Owners, part owners, and managers	50,551	57.1	56.6	69.1	66.9	422	24,191,193	8.82	2.09	4,298	3.5	82.5	86.3	86.2	1,809	850,000	5.04
Cash tenants	7,413	64.8	8.3	5.0	5.4	375	1,773,342	8.00	2.13	140	1.9	2.7	3.4	3.4	1,792	34,999	5.28
All share tenants	14,611	76.3	16.4	13.8	15.0	375	4,887,978	7.94	2.12	466	1.6	8.9	7.0	6.5	1,924	69,398	5.43
Croppers	12,764	85.6	14.3	9.3	9.8	389	3,183,979	7.95	2.04	213	0.8	4.1	1.9	1.9	1,759	22,380	5.94
Other tenants	4,007	63.7	4.5	2.8	2.9	393	999,886	8.36	2.13	92	2.0	1.8	1.5	2.0	1,401	24,743	6.47
Area 1	13,284	64.5	100.0	100.0	100.0	367	4,618,765	7.20	1.96	920	3.2	100.0	100.0	100.0	2,356	146,531	4.64
Owners, part owners, and managers	6,613	59.0	49.8	59.2	58.7	370	2,776,344	7.37	1.99	733	4.1	79.7	83.5	83.3	2,361	121,844	4.63
Cash tenants	120	56.7	0.9	1.4	1.3	395	68,630	8.16	2.06	2	0.4	0.2	0.2	0.2	2,833	425	7.08
All share tenants	2,829	69.3	21.3	21.8	22.7	353	979,761	6.73	1.91	144	2.2	15.7	14.8	14.8	2,365	21,112	4.53
Croppers	3,235	91.1	24.4	14.2	13.8	375	629,440	7.08	1.89	36	0.5	3.9	1.4	1.7	2,000	3,050	5.81
Other tenants	487	67.2	3.7	3.5	3.5	366	164,590	7.39	2.02	5	0.1	0.5	0.1	0.1	2,000	100	4.00
Area 2	15,880	76.8	100.0	100.0	100.0	447	5,781,491	10.46	2.34	550	2.0	100.0	100.0	100.0	1,954	66,113	4.58
Owners, part owners, and managers	10,149	74.1	63.9	64.9	63.3	458	3,776,467	10.79	2.36	445	2.6	80.9	81.5	84.6	1,884	50,043	4.10
Cash tenants	195	78.0	1.2	1.0	0.9	477	52,695	10.31	2.16	...	...	...	...	...	...	...	...
All share tenants	3,571	81.2	22.5	23.3	24.8	419	1,356,485	9.88	2.36	40	0.6	7.3	8.0	6.5	2,392	7,040	7.45
Croppers	1,506	85.5	9.5	8.2	8.1	450	445,735	9.94	2.21	40	0.9	7.3	4.0	3.4	2,283	3,210	6.48
Other tenants	459	80.9	2.9	2.6	2.8	418	150,109	9.66	2.31	25	4.1	4.5	6.4	5.4	2,318	5,820	7.41
Areas 3 and A	6,536	57.6	100.0	100.0	100.0	420	2,450,514	9.02	2.15	461	4.0	100.0	100.0	100.0	1,824	83,231	4.40
Owners, part owners, and managers	4,187	52.7	64.1	69.8	68.5	428	1,700,007	9.14	2.13	436	5.1	94.6	91.7	94.9	1,762	75,413	4.21
Cash tenants	222	46.8	3.4	2.6	3.0	365	63,440	7.74	2.12	1	0.4	0.2	0.7	0.3	3,846	475	7.31
All share tenants	1,080	75.8	16.5	14.1	15.5	380	353,574	8.37	2.20	18	1.2	3.9	5.6	3.5	2,890	5,143	7.68
Croppers	812	84.1	12.4	10.2	10.0	426	250,825	9.22	2.16	1	0.1	0.2	0.1	0.2	1,333	140	4.67
Other tenants	235	60.6	3.6	3.3	3.0	467	82,668	10.26	2.20	5	1.5	1.1	1.9	1.1	3,250	2,060	10.30
Areas 4 and B	5,780	48.1	100.0	100.0	100.0	394	1,773,715	8.59	2.1°	443	3.8	100.0	100.0	100.0	1,738	99,806	6.06
Owners, part owners, and managers	3,334	43.3	57.7	70.3	68.4	405	1,238,094	8.77	2.17	402	4.6	90.7	89.9	90.9	1,719	90,311	6.03
Cash tenants	608	62.3	10.5	6.6	7.4	349	118,515	7.72	2.22	25	1.1	5.6	1.6	1.7	1,607	1,460	5.21
All share tenants	555	57.0	9.6	6.9	7.4	367	125,390	8.22	2.24	5	3.7	1.1	7.0	6.1	2,000	7,000	7.00
Croppers	789	72.6	13.7	10.9	11.1	387	194,311	8.49	2.19	11	0.7	2.5	1.5	1.3	2,000	1,035	4.70
Other tenants	494	58.9	8.5	5.4	5.7	372	97,405	8.23	2.21	...	...	...	...	...	...	...	...
Area 5	11,740	59.4	100.0	100.0	100.0	397	4,047,817	8.48	2.14	518	3.2	100.0	100.0	100.0	1,902	139,079	5.33
Owners, part owners, and managers	7,337	55.5	62.5	73.1	71.1	409	2,948,362	8.70	2.13	435	3.5	84.0	84.6	81.5	1,974	118,161	5.55
Cash tenants	880	58.7	7.5	5.1	5.5	365	208,586	7.92	2.17	26	7.0	5.0	12.7	12.1	2,000	15,430	4.89
All share tenants	1,569	75.6	13.4	10.0	11.4	350	418,578	7.72	2.20	16	0.2	3.1	0.6	0.6	1,775	1,608	9.51
Croppers	1,418	86.9	12.1	7.9	8.6	366	320,725	7.84	2.14	20	0.4	3.9	0.6	0.8	1,512	1,075	5.24
Other tenants	536	58.0	4.6	3.9	3.5	448	151,566	9.15	2.04	21	4.5	4.1	1.5	4.9	560	2,805	2.18
Areas 6 and C	12,889	41.9	100.0	100.0	100.0	396	4,403,855	7.77	1.96	434	2.3	100.0	100.0	100.0	1,802	160,980	5.29
Owners, part owners, and managers	4,944	37.7	38.4	74.6	73.3	403	3,186,243	7.68	1.90	404	2.6	93.1	94.8	93.7	1,823	151,127	5.31
Cash tenants	3,161	56.1	24.5	10.7	11.4	371	509,427	7.88	2.13	18	1.4	4.1	4.6	5.2	1,602	7,799	4.98
All share tenants	1,759	64.5	13.6	5.4	5.7	374	258,767	7.96	2.13	3	0.2	0.7	0.3	0.3	2,000	580	6.59
Croppers	1,842	70.5	14.3	6.0	5.8	409	279,632	8.55	2.09	3	0.5	0.7	0.3	0.8	575	1,423	5.93
Other tenants	1,183	55.3	9.2	3.3	3.8	347	169,786	7.88	2.27	6	0.1	1.4	0.1	0.1	1,576	51	1.55
Area 7a	18,541	76.6	100.0	100.0	100.0	380	8,634,116	7.80	2.05	1,513	3.2	100.0	100.0	100.0	1,366	232,070	5.07
Owners, part owners, and managers	10,009	72.1	54.0	63.0	61.7	388	5,490,954	8.04	2.07	1,102	3.8	72.8	79.0	79.2	1,363	175,495	4.84
Cash tenants	1,925	80.5	10.4	7.0	7.4	363	628,259	7.69	2.12	57	1.1	3.8	2.6	2.4	1,474	7,185	6.58
All share tenants	3,062	85.0	16.5	15.8	16.4	365	1,331,790	7.32	2.00	229	2.4	15.1	10.0	11.0	1,231	24,640	4.87
Croppers	3,036	90.2	16.4	12.3	12.6	373	1,027,158	7.37	1.98	101	1.3	6.7	5.5	4.4	1,711	12,125	6.05
Other tenants	509	71.8	2.7	1.9	1.9	372	155,955	7.43	1.99	24	4.7	1.6	2.9	3.0	1,332	12,625	9.18
Area 7b	1,872	53.6	100.0	100.0	100.0	344	488,156	7.57	2.20	57	1.5	100.0	100.0	100.0	1,662	11,607	6.40
Owners, part owners, and managers	1,434	51.4	76.6	86.8	85.3	350	423,719	7.70	2.20	57	1.7	100.0	100.0	100.0	1,662	11,607	6.40
Cash tenants	176	62.5	9.4	6.1	6.7	315	30,795	7.14	2.26	...	...	...	...	...	...	...	...
All share tenants	130	88.2	6.9	3.1	3.8	280	16,645	6.74	2.41	...	...	...	...	...	...	...	...
Croppers	85	99.1	4.5	2.3	2.6	312	10,020	6.02	1.93	...	...	...	...	...	...	...	...
Other tenants	47	51.3	2.5	1.6	1.6	342	6,977	6.86	2.00	...	...	...	...	...	...	...	...
Areas 8 and D	2,824	78.4	100.0	100.0	100.0	662	2,837,949	13.41	2.03	313	3.8	100.0	100.0	100.0	1,755	62,103	6.10
Owners, part owners, and managers	2,544	79.6	90.1	93.5	92.7	667	2,651,003	13.51	2.02	284	3.8	90.7	91.2	92.4	1,731	55,999	5.96
Cash tenants	126	75.3	4.5	3.2	3.6	593	92,995	12.37	2.09	11	4.2	3.5	3.3	4.1	1,422	2,225	5.36
All share tenants	56	64.8	2.0	1.6	1.9	564	46,988	11.62	2.06	11	3.0	3.5	3.7	1.8	3,589	2,275	12.30
Croppers	41	49.6	1.5	0.9	1.0	607	26,133	12.67	2.09	1	1.2	0.3	0.5	0.5	1,840	322	6.44
Other tenants	57	57.5	2.0	0.8	0.9	622	20,830	11.41	1.83	6	3.8	1.9	1.3	1.2	1,917	1,282	10.60
Arizona, total	3,074	52.0	100.0	100.0	100.0	312	12,266,614	15.65	5.02	13	(Z)	100.0	100.0	100.0	1,721	3,875	5.75
Owners, part owners, and managers	2,467	50.8	80.3	84.7	83.7	316	10,320,450	15.73	4.98	8	(Z)	61.5	56.9	62.9	1,557	2,875	6.78
Cash tenants	242	59.7	7.9	6.0	5.4	350	742,099	17.58	5.02	...	...	...	...	...	...	...	...
All share tenants	303	59.6	9.9	7.9	9.4	262	1,036,867	14.01	5.34	5	0.2	38.5	43.1	37.1	2,000	1,000	4.00
Other tenants	62	57.7	2.0	1.3	1.4	278	167,198	14.79	5.31	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arizona—Continued																	
Area 1	154	5.4	100.0	100.0	100.0	197	64,928	8.08	4.10	...	...	...	...	...	...	...	...
Owners, part owners, and managers	144	3.4	93.5	59.6	61.5	191	43,653	8.84	4.62	...	...	...	...	...	...	...	...
Cash tenants	1	52.1	0.6	6.3	6.8	182	3,750	6.82	3.75	...	...	...	...	...	...	...	...
All share tenants	2	62.3	1.3	15.8	20.0	155	8,325	5.17	3.33	...	...	...	...	...	...	...	...
Other tenants	7	46.3	4.5	18.3	11.6	310	9,200	9.84	3.17	...	...	...	...	...	...	...	...
Area A	1,429	62.2	100.0	100.0	100.0	314	5,569,904	15.80	5.03	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Owners, part owners, and managers	1,169	61.4	81.8	89.1	88.1	318	4,966,923	15.99	5.04	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Cash tenants	138	68.8	9.7	5.5	5.5	312	302,149	15.48	4.97	...	...	...	...	...	...	...	...
All share tenants	102	66.7	7.1	4.6	5.4	266	246,999	12.90	4.86	...	...	...	...	...	...	...	...
Other tenants	20	81.3	1.4	0.8	1.0	262	53,833	15.86	6.06	...	...	...	...	...	...	...	...
Area 2a	1,006	60.5	100.0	100.0	100.0	328	5,712,119	16.51	5.03	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Owners, part owners, and managers	785	60.6	78.0	81.3	80.8	330	4,583,818	16.41	4.97	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Cash tenants	69	56.3	6.9	6.9	5.2	436	380,620	21.21	4.87	...	...	...	...	...	...	...	...
All share tenants	121	61.7	12.0	10.1	12.1	275	644,840	15.43	5.62	...	...	...	...	...	...	...	...
Other tenants	31	63.4	3.1	1.7	2.0	286	102,841	15.12	5.29	...	...	...	...	...	...	...	...
Area 2b	485	35.3	100.0	100.0	100.0	242	919,663	11.91	4.93	5	0.1	100.0	100.0	100.0	2,000	1,000	4.00
Owners, part owners, and managers	369	33.9	76.1	81.8	79.5	249	726,056	11.83	4.76	...	...	...	...	...	...	...	...
Cash tenants	34	44.9	7.0	4.2	5.4	186	55,580	13.23	7.13	...	...	...	...	...	...	...	...
All share tenants	78	45.6	16.1	13.9	14.8	227	136,703	11.94	5.27	5	1.0	100.0	100.0	100.0	2,000	1,000	4.00
Other tenants	4	6.4	0.8	0.1	0.2	139	1,324	7.65	5.52	...	...	...	...	...	...	...	...
Arkansas, total	67,174	35.6	100.0	100.0	100.0	235	20,790,428	7.57	3.23	2,878	0.9	100.0	100.0	100.0	2,986	419,415	6.10
Owners, part owners, and managers	33,827	30.9	50.4	61.5	60.6	238	12,544,341	7.54	3.16	2,548	1.1	88.5	87.6	88.0	2,971	373,474	6.17
Cash tenants	1,372	38.4	2.0	2.8	2.8	232	616,901	7.96	3.42	10	0.2	0.3	0.9	0.6	4,574	4,484	10.55
All share tenants	13,476	43.1	20.1	22.0	22.8	227	4,638,439	7.42	3.28	191	0.4	6.6	9.4	9.4	2,991	32,507	5.03
Croppers	17,287	63.1	25.7	11.9	11.9	235	2,620,096	8.03	3.41	101	0.1	3.5	0.7	0.9	2,346	3,460	5.54
Other tenants	1,212	36.8	1.8	1.8	1.9	219	370,651	7.07	3.22	28	0.5	1.0	1.3	1.0	3,800	5,490	7.62
Area 1a	2,763	27.0	100.0	100.0	100.0	233	505,126	6.33	2.72	336	2.2	100.0	100.0	100.0	3,473	34,960	5.42
Owners, part owners, and managers	2,582	27.0	93.4	93.5	92.9	234	471,375	6.37	2.72	316	2.2	94.0	91.9	94.0	3,413	32,365	5.34
Cash tenants	75	29.2	2.7	2.5	3.0	192	14,865	6.22	3.23	5	2.3	1.5	4.1	2.9	4,842	1,385	7.29
All share tenants	51	31.3	1.8	2.6	2.5	233	12,221	6.02	2.58	15	3.1	4.5	3.6	3.1	4,000	1,210	6.05
Croppers	10	20.9	0.4	0.2	0.2	184	1,075	5.81	3.16	...	...	...	...	...	...	...	...
Other tenants	45	20.6	1.6	1.3	1.4	226	5,590	5.13	2.27	...	...	...	...	...	...	...	...
Area 1b	4,308	14.4	100.0	100.0	100.0	262	548,702	6.52	2.48	521	0.9	100.0	100.0	100.0	3,346	39,095	7.23
Owners, part owners, and managers	4,044	14.0	93.9	92.4	92.6	262	505,572	6.49	2.48	495	0.9	95.0	94.9	94.7	3,354	37,564	7.34
Cash tenants	17	4.7	0.4	0.2	0.3	199	975	4.41	2.22	...	...	...	...	...	...	...	...
All share tenants	116	22.5	2.7	2.2	2.6	224	12,100	5.54	2.47	10	0.5	1.9	1.0	0.8	4,000	180	4.00
Croppers	61	22.3	1.4	1.5	1.6	252	10,360	7.76	3.08	10	1.7	1.9	2.3	1.9	4,100	695	6.95
Other tenants	70	27.6	1.6	3.6	3.0	319	19,695	7.86	2.47	6	1.5	1.2	1.8	2.6	2,314	656	4.69
Area 2	3,010	22.4	100.0	100.0	100.0	247	691,418	7.01	2.84	260	1.3	100.0	100.0	100.0	2,725	27,004	4.88
Owners, part owners, and managers	2,699	22.5	89.7	90.6	90.4	248	625,533	7.02	2.83	248	1.3	95.4	93.0	95.3	2,658	25,212	4.78
Cash tenants	60	17.2	2.0	1.3	1.1	293	9,115	8.25	2.81	...	...	...	...	...	...	...	...
All share tenants	185	25.0	6.1	6.9	7.0	243	46,720	6.80	2.80	1	0.1	0.4	(Z)	0.4	100	12	0.60
Croppers	30	14.0	1.0	0.4	0.4	230	3,235	7.44	3.24	5	1.9	1.9	0.3	1.1	667	150	2.50
Other tenants	36	13.8	1.2	0.8	1.0	203	6,815	6.71	3.31	6	2.5	2.3	6.8	3.3	5,667	1,630	9.06
Areas 3 and 4	5,482	24.5	100.0	100.0	100.0	261	1,370,490	7.35	2.81	329	0.7	100.0	100.0	100.0	3,683	35,409	7.15
Owners, part owners, and managers	4,126	23.3	75.3	78.1	76.9	265	1,080,408	7.53	2.84	319	0.8	97.0	98.5	97.9	3,707	34,619	7.14
Cash tenants	96	25.8	1.8	1.5	1.7	233	20,282	6.36	2.73	...	...	...	...	...	...	...	...
All share tenants	869	30.4	15.9	15.9	16.9	246	213,080	6.76	2.74	10	0.1	3.0	1.5	2.1	2,571	790	7.52
Croppers	290	36.1	5.3	3.1	3.0	269	38,235	6.82	2.54	...	...	...	...	...	...	...	...
Other tenants	101	21.7	1.8	1.4	1.5	241	18,485	6.60	2.73	...	...	...	...	...	...	...	...
Area 4	1,523	15.8	100.0	100.0	100.0	236	248,721	6.22	2.63	223	1.8	100.0	100.0	100.0	2,551	23,793	5.08
Owners, part owners, and managers	1,452	16.2	95.3	96.7	96.9	236	241,601	6.24	2.65	218	1.9	97.8	98.5	98.7	2,545	23,428	5.07
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	40	10.5	2.6	1.6	1.5	249	3,410	5.59	2.24	...	...	...	...	...	...	...	...
Croppers	16	20.4	1.1	1.4	1.2	262	3,415	6.89	2.63	...	...	...	...	...	...	...	...
Other tenants	15	5.4	1.0	0.4	0.4	234	295	2.03	0.87	5	2.2	2.2	1.5	1.3	3,000	365	6.08
Area 5	3,129	31.5	100.0	100.0	100.0	233	787,476	6.18	2.65	129	1.1	100.0	100.0	100.0	1,645	15,885	3.46
Owners, part owners, and managers	2,164	28.7	69.2	70.9	71.5	231	559,300	6.14	2.66	112	1.4	86.8	93.4	96.3	1,595	14,645	3.31
Cash tenants	50	12.1	1.6	1.4	1.3	250	10,500	6.42	2.57	2	0.5	1.6	2.9	1.5	3,143	720	10.29
All share tenants	420	43.7	13.4	17.3	17.8	227	138,716	6.11	2.69	10	0.1	7.8	1.6	1.3	2,000	320	5.33
Croppers	430	63.9	13.7	9.1	8.1	259	69,135	6.66	2.57	...	...	...	...	...	...	...	...
Other tenants	65	31.2	2.1	1.4	1.3	251	9,825	6.06	2.42	5	0.8	3.9	2.1	0.9	4,000	200	5.00
Area 6	4,461	38.8	100.0	100.0	100.0	272	1,174,387	7.75	2.85	150	1.3	100.0	100.0	100.0	2,495	30,719	6.14
Owners, part owners, and managers	2,663	33.3	59.7	66.2	66.2	272	747,123	7.45	2.74	144	1.6	96.0	93.6	95.5	2,445	29,089	6.09
Cash tenants	91	29.4	2.0	1.8	1.4	348	19,429	8.89	2.56	...	...	...	...	...	...	...	...
All share tenants	972	55.9	21.8	21.8	22.9	259	277,130	8.00	3.09	6	0.4	4.0	6.4	4.5	3,556	1,630	7.24
Croppers	650	77.5	14.6	9.4	8.7	295	120,570	9.17	3.10	...	...	...	...	...	...	...	...
Other tenants	85	41.2	1.9	0.7	0.8	219	10,135	7.98	3.65	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arkansas—Continued																	
Area 7a	15,978	36.8	100.0	100.0	100.0	229	5,048,084	7.44	3.25	564	0.9	100.0	100.0	100.0	3,089	86,982	5.53
Owners, part owners, and managers	6,258	33.0	39.2	49.8	49.9	229	2,549,131	7.53	3.29	401	1.1	71.1	70.2	72.8	2,977	64,768	5.66
Cash tenants	191	44.2	1.2	1.3	1.4	211	74,360	7.97	3.77	...	...	...	...	...	...	...	...
All share tenants	5,304	37.7	33.2	35.0	34.2	234	1,739,373	7.50	3.20	111	0.7	19.7	28.4	25.9	3,390	21,075	5.18
Croppers	3,858	58.5	24.1	11.7	12.5	215	577,960	6.82	3.18	51	0.1	9.0	0.9	0.7	4,152	900	8.57
Other tenants	367	41.0	2.3	2.2	2.1	245	107,260	7.54	3.07	1	0.3	0.2	0.5	0.6	2,520	239	2.39
Area 7b	3,761	44.5	100.0	100.0	100.0	207	2,476,583	7.54	3.65	94	0.5	100.0	100.0	100.0	3,734	38,149	10.44
Owners, part owners, and managers	1,988	39.1	52.9	57.0	56.6	208	1,371,685	7.38	3.54	93	0.8	98.9	98.5	98.6	3,731	37,549	10.42
Cash tenants	26	50.6	0.7	2.7	1.7	327	54,125	9.77	2.99	...	...	...	...	...	...	...	...
All share tenants	807	52.9	21.5	28.2	30.9	188	689,072	6.78	3.60	1	(Z)	1.1	1.5	1.4	3,961	600	11.76
Croppers	877	63.3	23.3	10.9	9.5	236	329,925	10.52	4.46	...	...	...	...	...	...	...	...
Other tenants	63	41.7	1.7	1.2	1.2	207	31,776	7.80	3.77	...	...	...	...	...	...	...	...
Area 8a	15,735	49.1	100.0	100.0	100.0	227	5,464,911	8.12	3.57	156	0.5	100.0	100.0	100.0	3,245	59,866	8.28
Owners, part owners, and managers	3,564	46.1	22.7	54.8	52.7	237	3,031,769	8.55	3.61	128	0.9	82.1	94.3	92.1	3,321	55,358	8.31
Cash tenants	643	44.5	4.1	6.1	6.6	209	331,379	7.45	3.56	2	(Z)	1.3	0.7	0.5	4,571	443	12.66
All share tenants	3,125	47.9	19.9	17.1	18.6	209	908,102	7.25	3.47	6	0.2	3.8	4.3	5.5	2,500	3,400	8.50
Croppers	8,138	66.3	51.7	19.6	19.5	228	1,062,131	8.07	3.53	20	0.1	12.8	0.8	1.9	1,333	665	4.93
Other tenants	265	41.3	1.7	2.4	2.6	208	131,530	7.51	3.61	...	...	...	...	...	...	...	...
Area 8b	7,024	47.7	100.0	100.0	100.0	249	2,474,530	8.33	3.35	116	0.9	100.0	100.0	100.0	2,501	27,553	4.97
Owners, part owners, and managers	2,287	40.4	32.6	55.6	57.4	241	1,360,844	7.98	3.31	74	0.9	63.8	71.0	66.7	2,663	18,877	5.11
Cash tenants	123	52.8	1.8	3.0	2.5	293	81,871	10.93	3.72	1	0.9	0.9	4.6	2.3	4,954	1,936	14.89
All share tenants	1,587	57.6	22.6	23.4	22.1	263	598,515	9.12	3.47	21	1.1	18.1	15.7	23.3	1,682	3,290	2.55
Croppers	2,927	75.0	41.7	16.9	15.9	264	404,055	8.57	3.24	15	0.4	12.9	2.9	4.1	1,778	1,050	4.67
Other tenants	100	63.0	1.4	1.2	2.1	142	29,245	4.72	3.32	5	2.0	4.3	5.8	3.6	4,000	2,400	12.00
California, total	40,956	28.5	100.0	100.0	100.0	421	62,364,157	16.29	3.87	1,770	0.5	100.0	100.0	100.0	3,842	796,647	11.45
Owners, part owners, and managers	35,865	28.2	87.6	83.2	84.6	414	51,574,217	15.93	3.85	1,569	0.5	88.6	90.8	87.2	3,999	735,986	12.13
Cash tenants	1,809	27.7	4.4	6.6	4.4	639	4,463,244	26.68	4.17	57	0.3	3.2	2.4	2.5	3,729	13,363	7.64
All share tenants	2,770	32.6	6.8	8.9	10.0	374	5,563,857	14.50	3.88	113	0.5	6.4	5.8	9.2	2,428	38,783	6.06
Other tenants	512	26.4	1.3	1.3	1.0	516	762,839	19.06	3.69	31	0.5	1.8	1.0	1.1	3,446	8,515	11.51
Area 1	780	10.0	100.0	100.0	100.0	370	294,715	11.46	3.10	93	0.6	100.0	100.0	100.0	2,061	23,629	14.99
Owners, part owners, and managers	650	10.1	83.3	84.6	84.0	372	260,732	12.07	3.24	71	0.4	76.3	65.5	61.3	2,203	15,962	16.52
Cash tenants	27	8.0	3.5	2.3	3.6	235	6,448	6.90	2.93	1	0.1	1.1	0.6	0.6	2,000	100	10.00
All share tenants	62	8.5	7.9	8.5	6.8	464	17,745	10.14	2.19	16	2.6	17.2	30.8	33.3	1,905	6,667	12.70
Other tenants	41	15.8	5.3	4.5	5.6	302	9,790	6.85	2.27	5	0.8	5.4	3.1	4.8	1,333	900	12.00
Area 2	1,000	11.6	100.0	100.0	100.0	332	374,135	10.84	3.26	38	0.3	100.0	100.0	100.0	1,995	9,279	10.48
Owners, part owners, and managers	932	12.7	93.2	92.7	92.6	332	342,931	10.73	3.23	38	0.4	100.0	100.0	100.0	1,995	9,279	10.48
Cash tenants	30	4.3	3.0	4.2	4.3	327	16,865	11.33	3.47	...	...	...	...	...	...	...	...
All share tenants	36	12.9	3.6	2.5	1.9	444	11,925	18.63	4.20	...	...	...	...	...	...	...	...
Other tenants	2	5.7	0.2	0.6	1.2	167	2,414	5.61	3.35	...	...	...	...	...	...	...	...
Areas A and B	3,467	17.9	100.0	100.0	100.0	622	3,770,935	24.88	4.00	109	0.8	100.0	100.0	100.0	3,067	51,108	7.33
Owners, part owners, and managers	2,974	18.4	85.8	83.9	82.7	631	3,117,001	24.88	3.94	99	1.0	90.8	99.7	99.0	3,088	50,468	7.31
Cash tenants	201	15.1	5.8	8.1	6.1	826	337,920	36.46	4.42	10	0.1	9.2	0.3	1.0	1,000	640	9.14
All share tenants	275	17.7	7.9	7.7	10.9	441	307,489	18.68	4.24	...	...	...	...	...	...	...	...
Other tenants	17	6.6	0.5	0.3	0.3	535	8,525	15.01	2.80	...	...	...	...	...	...	...	...
Area 3	1,583	17.3	100.0	100.0	100.0	950	6,105,069	33.26	3.50	64	0.2	100.0	100.0	100.0	2,391	18,637	7.78
Owners, part owners, and managers	1,137	15.6	71.8	68.9	70.0	935	4,139,579	32.19	3.44	46	0.3	71.9	70.0	90.8	1,842	14,797	6.80
Cash tenants	199	33.1	12.6	19.6	16.0	1,164	1,283,890	43.62	3.75	12	0.1	18.8	14.3	4.0	8,632	1,240	13.05
All share tenants	222	16.4	14.0	10.8	12.7	808	635,700	27.34	3.38	5	(Z)	7.8	5.2	1.0	12,000	500	20.00
Other tenants	25	25.8	1.6	0.7	1.3	501	45,900	19.90	3.97	1	1.1	1.6	10.5	4.2	6,000	2,100	21.00
Areas 4 and C	4,493	30.2	100.0	100.0	100.0	258	6,697,103	9.50	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Owners, part owners, and managers	3,904	29.6	86.9	85.4	84.3	261	5,585,595	9.40	3.60	124	0.3	91.9	94.4	94.3	4,268	59,552	10.23
Cash tenants	114	16.0	2.5	1.2	1.0	276	87,758	11.57	4.19	5	0.3	3.7	0.3	2.0	560	420	3.36
All share tenants	425	38.9	9.5	13.1	14.2	238	995,474	9.93	4.18	6	0.1	4.4	5.3	3.7	6,096	2,055	8.93
Other tenants	50	12.5	1.1	0.4	0.4	237	28,276	10.15	4.28	...	...	...	...	...	...	...	...
Areas 5 and D	5,333	24.2	100.0	100.0	100.0	385	5,066,137	13.24	3.44	359	1.0	100.0	100.0	100.0	3,668	161,660	9.76
Owners, part owners, and managers	4,548	24.4	85.3	77.6	79.8	374	3,879,293	12.71	3.40	308	0.9	85.8	77.0	67.7	4,176	133,397	11.90
Cash tenants	292	19.2	5.5	6.0	6.5	359	290,597	11.73	3.27	8	0.5	2.2	5.1	3.5	5,355	5,585	9.63
All share tenants	399	28.0	7.5	13.6	12.5	421	751,666	15.77	3.75	28	2.6	7.8	15.9	26.5	2,204	18,738	4.26
Other tenants	94	15.0	1.8	2.8	1.3	871	144,581	30.16	3.46	15	1.2	4.2	1.9	2.3	3,079	3,940	10.37
Areas 6 and E	10,391	36.2	100.0	100.0	100.0	365	19,765,103	14.35	3.93	701	0.8	100.0	100.0	100.0	4,508	393,255	13.17
Owners, part owners, and managers	9,025	35.8	86.9	88.1	87.8	366	17,503,080	14.48	3.96	642	0.8	91.6	95.6	93.3	4,621	377,292	13.54
Cash tenants	305	28.6	2.9	2.4	2.0	438	458,109	16.90	3.86	13	0.8	1.9	1.7	2.4	3,164	4,825	6.64
All share tenants	947	43.0	9.1	8.6	9.2	342	1,650,523	13.02	3.80	36	0.4	5.1	2.1	3.7	2,639	9,563	8.75
Other tenants	114	40.9	1.1	0.9	1.0	331	153,391	10.78	3.26	10	0.5	1.4	0.5	0.6	3,676	1,575	8.51

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
California—Continued																	
Areas 7, F, G, and H	9,580	26.4	100.0	100.0	100.0	665	9,037,759	26.70	4.01	197	0.2	100.0	100.0	100.0	2,264	41,250	14.83
Owners, part owners, and managers	8,775	26.7	91.6	85.4	87.9	646	7,748,977	26.03	4.03	168	0.2	85.3	95.4	91.8	2,353	39,787	15.58
Cash tenants	479	36.0	5.0	8.2	6.1	900	750,751	36.62	4.07	8	0.3	4.1	2.2	5.1	979	553	3.87
All share tenants	212	17.6	2.2	5.0	5.2	634	417,356	23.52	3.71	21	0.1	10.7	2.4	3.1	1,765	910	10.71
Other tenants	114	35.6	1.2	1.4	0.8	1,197	120,675	45.66	3.81	...	...	...	...	...	...	...	...
Area 8	2,770	61.3	100.0	100.0	100.0	458	10,434,401	19.72	4.30	32	0.1	100.0	100.0	100.0	2,220	11,417	10.30
Owners, part owners, and managers	2,441	58.3	88.1	81.2	81.3	458	8,230,433	19.14	4.18	31	0.1	96.9	95.9	96.4	2,210	11,067	10.36
Cash tenants	137	93.4	4.9	9.4	8.5	507	1,219,569	27.21	5.37	...	...	...	...	...	...	...	...
All share tenants	153	69.0	5.5	7.0	8.3	385	737,657	16.81	4.36	1	0.1	3.1	4.1	3.6	2,500	350	8.75
Other tenants	39	75.8	1.4	2.4	2.0	566	246,742	23.58	4.16	...	...	...	...	...	...	...	...
Area 9	1,559	9.3	100.0	100.0	100.0	233	818,800	8.08	3.46	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
Owners, part owners, and managers	1,479	9.2	94.9	93.6	93.2	234	766,596	8.12	3.46	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
Cash tenants	25	4.5	1.6	1.3	1.4	225	11,337	8.28	3.68	...	...	...	...	...	...	...	...
All share tenants	39	18.7	2.5	4.0	5.1	184	38,322	7.38	4.02	...	...	...	...	...	...	...	...
Other tenants	16	5.3	1.0	0.3	0.4	165	2,545	6.79	4.10	...	...	...	...	...	...	...	...
Colorado, total	8,981	3.8	100.0	100.0	100.0	216	3,869,000	9.32	4.31	66	(Z)	100.0	100.0	100.0	1,596	5,655	5.68
Owners, part owners, and managers	5,695	3.0	63.4	60.8	61.7	213	2,316,817	9.05	4.24	61	(Z)	92.4	99.4	95.0	1,670	5,610	5.94
Cash tenants	191	5.4	2.1	1.6	1.2	278	58,317	11.24	4.04	...	...	...	...	...	...	...	...
All share tenants	2,994	6.9	33.3	35.9	35.6	218	1,436,415	9.71	4.45	...	...	...	...	...	...	...	...
Other tenants	101	5.5	1.1	1.7	1.5	250	57,451	9.52	3.80	5	(Z)	7.6	0.6	5.0	200	45	0.90
Area 1	301	1.3	100.0	100.0	100.0	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
Owners, part owners, and managers	267	1.3	88.7	89.8	90.0	169	69,084	7.05	4.17	...	...	...	...	...	...	...	...
Cash tenants	12	1.2	4.0	1.6	2.6	105	1,341	4.71	4.47	...	...	...	...	...	...	...	...
All share tenants	22	1.5	7.3	8.6	7.4	196	7,320	9.08	4.63	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,975	9.2	100.0	100.0	100.0	240	587,550	9.99	4.16	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,705	8.6	86.3	86.5	85.6	243	508,488	10.10	4.16	...	...	...	...	...	...	...	...
Cash tenants	60	22.8	3.0	3.4	2.5	323	19,740	13.29	4.11	...	...	...	...	...	...	...	...
All share tenants	194	13.5	9.8	8.5	10.2	199	51,005	8.52	4.27	...	...	...	...	...	...	...	...
Other tenants	16	18.7	0.8	1.6	1.7	234	8,317	8.48	3.62	...	...	...	...	...	...	...	...
Area 2b	528	6.5	100.0	100.0	100.0	276	410,307	11.27	4.08	21	(Z)	100.0	100.0	100.0	1,766	4,385	6.75
Owners, part owners, and managers	441	6.1	83.5	82.5	82.7	276	339,070	11.26	4.09	21	(Z)	100.0	100.0	100.0	1,766	4,385	6.75
Cash tenants	5	5.7	0.9	0.8	1.1	200	2,800	7.00	3.50	...	...	...	...	...	...	...	...
All share tenants	65	9.1	12.3	13.6	11.8	320	53,665	12.51	3.91	...	...	...	...	...	...	...	...
Other tenants	17	11.7	3.2	3.1	4.4	196	14,772	9.26	4.73	...	...	...	...	...	...	...	...
Area 3	4,199	9.6	100.0	100.0	100.0	209	2,065,111	9.32	4.47	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Owners, part owners, and managers	1,827	6.3	43.5	42.2	45.5	194	866,663	8.61	4.44	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Cash tenants	41	7.8	1.0	0.9	0.7	286	16,305	10.83	3.79	...	...	...	...	...	...	...	...
All share tenants	2,290	17.2	54.5	54.9	52.7	217	1,150,078	9.84	4.53	...	...	...	...	...	...	...	...
Other tenants	41	11.2	1.0	2.0	1.1	359	32,065	12.77	3.55	...	...	...	...	...	...	...	...
Areas 4 and A	1,108	1.1	100.0	100.0	100.0	159	341,408	6.44	4.05	40	(Z)	100.0	100.0	100.0	1,235	1,220	3.59
Owners, part owners, and managers	904	1.1	81.6	82.0	77.7	168	273,595	6.64	3.96	35	(Z)	87.5	97.6	85.3	1,414	1,175	4.05
Cash tenants	56	5.8	5.1	4.2	2.3	288	15,780	12.83	4.46	...	...	...	...	...	...	...	...
All share tenants	121	1.0	10.9	13.0	18.2	113	49,736	5.14	4.55	...	...	...	...	...	...	...	...
Other tenants	27	1.9	2.4	0.8	1.8	69	2,297	2.42	3.48	5	(Z)	12.5	2.4	14.7	200	45	0.90
Area 5	870	2.0	100.0	100.0	100.0	265	386,879	11.19	4.22	...	...	...	...	...	...	...	...
Owners, part owners, and managers	551	1.9	63.3	65.7	69.2	252	259,917	10.86	4.31	...	...	...	...	...	...	...	...
Cash tenants	17	1.5	2.0	0.7	0.8	239	2,351	8.25	3.46	...	...	...	...	...	...	...	...
All share tenants	302	2.5	34.7	33.5	29.9	297	124,611	12.04	4.05	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Connecticut, total	4,545	35.7	100.0	100.0	100.0	897	4,169,205	28.92	3.22	2,406	8.9	100.0	100.0	100.0	2,168	302,613	8.42
Owners, part owners, and managers	4,310	35.6	94.8	92.9	95.2	875	3,846,645	28.02	3.20	2,301	8.9	95.6	96.3	95.7	2,181	290,998	8.47
Cash tenants	150	30.0	3.3	3.7	2.0	1,616	182,360	61.82	3.82	55	7.7	2.3	1.4	2.1	1,447	4,885	6.43
All share tenants	25	52.2	0.6	2.5	1.3	1,764	102,425	56.12	3.18	20	12.7	0.8	0.8	1.2	1,438	2,655	5.97
Other tenants	60	46.9	1.3	0.9	1.5	573	37,775	18.03	3.15	30	7.6	1.2	1.5	0.9	3,471	4,075	11.99
Areas 1 and A	1,010	32.7	100.0	100.0	100.0	437	444,356	11.86	2.71	590	7.3	100.0	100.0	100.0	2,388	64,575	7.73
Owners, part owners, and managers	940	32.6	93.1	94.4	93.8	440	420,756	11.97	2.72	560	7.2	94.9	95.0	92.6	2,448	60,670	7.84
Cash tenants	45	24.2	4.5	2.3	2.6	384	10,325	10.54	2.75	10	5.1	1.7	1.0	2.5	976	740	3.61
All share tenants	10	57.7	1.0	2.3	2.5	413	9,225	10.03	2.43	10	20.4	1.7	2.5	3.9	1,508	1,740	5.35
Other tenants	15	39.3	1.5	1.0	1.1	376	4,050	9.76	2.60	10	8.1	1.7	1.6	1.0	3,647	1,425	16.76

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Connecticut—Continued																	
Areas B and C	2,023	46.9	100.0	100.0	100.0	1,339	2,962,216	46.39	3.46	981	12.0	100.0	100.0	100.0	1,783	120,555	7.39
Owners, part owners, and managers	1,918	46.7	94.8	92.5	95.4	1,299	2,731,781	44.83	3.45	926	11.9	94.4	94.2	95.2	1,765	113,760	7.33
Cash tenants	65	36.1	3.2	3.2	1.6	2,738	109,680	110.23	4.03	30	15.8	3.1	2.3	2.7	1,563	3,280	7.54
All share tenants	15	81.5	0.7	3.3	1.4	3,138	93,200	102.98	3.28	10	10.8	1.0	0.5	0.7	1,250	915	7.63
Other tenants	25	59.0	1.2	1.0	1.6	808	27,555	27.15	3.36	15	13.4	1.5	2.9	1.4	3,696	2,600	11.30
Area 2	1,512	28.0	100.0	100.0	100.0	641	762,633	17.80	2.78	835	7.4	100.0	100.0	100.0	2,563	117,483	10.43
Owners, part owners, and managers	1,452	28.0	96.0	93.1	96.2	620	694,108	16.84	2.72	815	7.5	97.6	99.2	98.7	2,575	116,568	10.49
Cash tenants	40	32.2	2.6	6.1	2.3	1,711	62,355	63.95	3.74	15	4.0	1.8	0.8	1.1	1,833	865	7.21
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	20	39.3	1.3	0.8	1.6	337	6,170	9.28	2.75	5	1.5	0.6	0.1	0.2	800	50	2.00
Delaware, total (Areas 1 and A)	4,063	62.0	100.0	100.0	100.0	479	3,788,406	12.45	2.60	1,345	9.6	100.0	100.0	100.0	1,605	298,547	6.36
Owners, part owners, and managers	3,462	62.8	85.2	86.4	83.7	494	3,287,241	12.90	2.61	1,158	10.5	86.1	89.8	90.8	1,587	268,957	6.31
Cash tenants	85	67.7	2.1	2.8	1.6	834	93,355	19.01	2.28	30	4.1	2.2	0.9	0.6	2,300	2,330	7.77
All share tenants	360	55.4	8.9	7.5	10.7	333	277,815	8.50	2.55	97	4.1	7.2	5.6	5.1	1,763	19,100	7.93
Croppers	25	69.9	0.6	0.5	0.8	295	20,060	8.01	2.71	5	2.4	0.4	0.2	0.2	2,000	680	8.00
Other tenants	131	61.3	3.2	2.9	3.1	445	109,935	11.76	2.64	55	10.1	4.1	3.5	3.3	1,700	7,480	4.87
Florida, total	28,429	53.9	100.0	100.0	100.0	938	49,549,535	23.09	2.46	6,095	10.8	100.0	100.0	100.0	1,598	2,717,065	6.32
Owners, part owners, and managers	26,089	53.6	91.8	94.6	94.6	938	46,980,942	23.14	2.47	5,851	11.0	96.0	96.6	96.6	1,597	2,620,929	6.31
Cash tenants	775	68.6	2.7	2.7	2.1	1,210	1,340,450	29.48	2.44	73	10.5	1.2	1.6	1.6	1,608	46,954	6.75
All share tenants	559	72.4	2.0	1.2	1.5	727	507,604	15.92	2.19	73	7.8	1.2	0.9	0.8	1,734	21,922	6.36
Croppers	543	51.5	1.9	0.6	1.0	569	265,645	12.14	2.13	37	4.7	0.6	0.3	0.5	871	9,413	4.72
Other tenants	463	47.7	1.6	0.9	0.8	1,120	454,894	26.73	2.39	61	5.7	1.0	0.6	0.5	2,179	17,847	8.86
Area 1	2,238	75.1	100.0	100.0	100.0	470	1,555,010	9.20	1.96	402	4.9	100.0	100.0	100.0	1,686	69,034	6.30
Owners, part owners, and managers	1,986	74.1	88.7	90.7	91.1	468	1,419,321	9.22	1.97	376	5.1	93.5	96.5	96.4	1,686	66,072	6.25
Cash tenants	80	76.8	3.6	2.5	2.3	504	37,895	9.64	1.91	10	2.9	2.5	1.6	1.4	2,000	1,150	7.67
All share tenants	117	93.6	5.2	5.3	5.0	494	76,874	9.02	1.83	11	2.4	2.7	1.7	2.0	1,409	1,712	7.78
Croppers	30	81.1	1.3	1.0	1.0	465	11,975	7.24	1.56	5	1.0	1.2	0.2	0.2	2,000	100	5.00
Other tenants	25	92.1	1.1	0.6	0.6	465	8,945	9.04	1.94	...	...	...	...	...	...	...	...
Areas 2 and A	1,342	39.3	100.0	100.0	100.0	945	2,099,462	21.71	2.30	316	9.6	100.0	100.0	100.0	1,754	144,554	6.11
Owners, part owners, and managers	1,306	39.6	97.3	99.2	98.6	951	2,083,787	21.87	2.30	303	9.6	95.9	97.3	97.6	1,748	138,494	6.00
Cash tenants	8	64.0	0.6	0.2	0.5	427	5,550	10.57	2.48	1	6.1	0.3	0.2	0.2	2,000	400	8.00
All share tenants	10	17.4	0.7	0.2	0.1	1,825	3,475	43.44	2.38	...	...	...	...	...	...	...	...
Croppers	10	40.9	0.7	0.1	0.5	178	1,600	3.56	2.00	10	36.4	3.2	1.9	1.7	2,000	4,800	12.00
Other tenants	8	11.7	0.6	0.3	0.3	740	5,050	14.94	2.02	2	4.0	0.6	0.6	0.5	2,087	860	7.48
Area 3	8,534	43.4	100.0	100.0	100.0	454	5,655,994	10.87	2.39	688	2.6	100.0	100.0	100.0	1,341	133,261	4.35
Owners, part owners, and managers	7,109	42.4	83.3	90.4	89.1	461	5,196,910	11.22	2.43	644	2.7	93.6	98.1	98.0	1,342	130,679	4.35
Cash tenants	412	55.5	4.8	2.7	3.4	355	123,665	6.95	1.96	7	0.4	1.0	0.5	0.4	1,833	592	4.93
All share tenants	321	62.1	3.8	2.2	2.8	353	98,330	6.73	1.91	17	0.5	2.5	0.6	0.4	2,114	955	7.76
Croppers	459	49.3	5.4	3.5	3.3	482	178,430	10.33	2.15	15	0.7	2.2	0.7	0.8	1,080	935	3.74
Other tenants	233	47.7	2.7	1.2	1.4	403	58,659	8.14	2.02	5	0.7	0.7	(Z)	0.3	190	100	0.95
Area 4	1,873	63.5	100.0	100.0	100.0	984	4,160,542	24.52	2.49	483	15.4	100.0	100.0	100.0	1,415	243,455	5.93
Owners, part owners, and managers	1,872	63.5	99.9	99.3	99.8	979	4,129,192	24.38	2.49	482	15.3	99.8	98.9	99.2	1,410	240,155	5.89
Cash tenants	1	78.6	0.1	0.7	0.2	3,333	31,350	95.00	2.85	1	78.6	0.2	1.1	0.8	2,000	3,300	10.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croppers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 5 and B	11,937	58.7	100.0	100.0	100.0	1,306	24,971,541	32.24	2.47	3,678	19.4	100.0	100.0	100.0	1,659	1,699,036	6.64
Owners, part owners, and managers	11,624	58.6	97.4	98.7	98.8	1,305	24,666,760	32.24	2.47	3,593	19.4	97.7	99.2	99.1	1,662	1,685,214	6.65
Cash tenants	117	75.4	1.0	0.3	0.3	1,400	75,776	34.06	2.43	22	12.2	0.6	0.1	0.1	1,528	2,580	7.17
All share tenants	49	45.7	0.4	0.2	0.2	1,674	49,100	39.37	2.35	21	13.2	0.6	0.1	0.1	1,250	2,995	8.32
Croppers	37	46.6	0.3	0.2	0.2	1,139	33,140	21.70	1.90	6	23.0	0.2	0.1	0.3	543	2,355	3.12
Other tenants	110	85.5	0.9	0.6	0.6	1,365	146,765	33.74	2.47	36	18.5	1.0	0.4	0.4	1,960	5,892	6.27
Areas 6 and C	2,505	57.6	100.0	100.0	100.0	1,028	11,106,986	26.68	2.60	528	9.4	100.0	100.0	100.0	1,525	427,725	6.31
Owners, part owners, and managers	2,192	56.6	87.5	84.8	92.0	948	9,484,972	24.76	2.61	453	8.5	85.8	83.7	85.1	1,501	360,315	6.25
Cash tenants	157	82.8	6.3	9.9	5.0	2,045	1,066,214	51.57	2.52	32	23.8	6.1	9.0	8.8	1,573	38,932	6.55
All share tenants	62	89.9	2.5	2.7	1.8	1,559	279,825	37.70	2.42	24	33.2	4.5	4.8	4.0	1,807	16,260	5.93
Croppers	7	100.0	0.3	0.4	0.2	1,590	40,500	41.54	2.61	1	58.5	0.2	0.2	0.8	382	1,223	2.15
Other tenants	87	36.4	3.5	2.2	1.0	2,299	235,475	57.02	2.48	18	7.5	3.4	2.2	1.3	2,676	10,995	12.86
Georgia, total	94,536	68.5	100.0	100.0	100.0	402	50,202,328	8.87	2.21	11,750	4.0	100.0	100.0	100.0	1,512	1,473,367	4.51
Owners, part owners, and managers	53,140	64.4	56.2	68.9	68.7	403	34,924,991	8.97	2.23	9,829	4.7	83.7	88.6	86.9	1,541	1,276,021	4.50
Cash tenants	5,408	71.1	5.7	4.5	5.0	363	2,227,498	7.87	2.17	228	1.8	1.9	2.5	2.2	1,782	47,147	6.69
All share tenants	10,471	78.6	11.1	8.8	8.7	404	4,308,145	8.70	2.15	591	2.1	5.0	3.0	4.0	1,158	52,118	4.01
Croppers	22,297	87.1	23.6	15.6	15.2	414	7,666,146	8.93	2.16	853	1.4	7.3	3.7	4.3	1,298	64,821	4.57
Other tenants	3,220	65.9	3.4	2.2	2.4	369	1,075,548	8.06	2.18	249	4.2	2.1	2.1	2.6	1,227	33,260	3.95
Areas 1 and A	5,065	51.8	100.0	100.0	100.0	393	1,623,497	8.09	2.06	909	5.0	100.0	100.0	100.0	2,425	99,540	5.14
Owners, part owners, and managers	3,055	46.5	60.3	65.5	66.9	385	1,071,587	7.98	2.07	817	6.0	89.9	91.0	89.6	2,463	90,440	5.21
Cash tenants	55	74.3	1.1	2.9	2.6	441	39,605	7.52	1.70	10	12.4	1.1	4.0	4.5	2,171	3,125	3.57
All share tenants	790	61.8	15.6	14.8	14.9	389	254,935	8.52	2.19	51	1.3	5.6	2.7	3.2	2,071	3,625	5.82
Croppers	1,020	80.6	20.1	14.8	13.7	424	224,705	8.18	1.93	15	0.9	1.7	1.3	1.7	1,875	1,150	3.59
Other tenants	145	43.1	2.9	2.0	1.9	407	32,665	8.45	2.08	16	2.2	1.8	0.9	1.0	2,222	1,200	6.06

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Georgia—Continued																	
Area 2	2,971	50.9	100.0	100.0	100.0	388	447,428	8.74	2.25	619	8.1	100.0	100.0	100.0	2,183	40,705	4.98
Owners, part owners, and managers	2,609	50.7	87.8	88.8	88.6	389	399,138	8.79	2.26	589	8.7	95.2	96.0	95.7	2,191	39,075	5.00
Cash tenants	30	52.5	1.0	0.8	1.0	315	3,515	6.76	2.14	...	...	...	...	...	...	...	...
All share tenants	171	61.7	5.8	5.7	5.8	381	23,455	7.90	2.08	15	3.4	2.4	1.7	2.0	1,818	575	3.48
Croppers	90	61.5	3.0	2.3	2.3	376	9,850	8.28	2.20	...	...	...	...	...	...	...	...
Other tenants	71	33.8	2.4	2.4	2.3	419	11,470	9.93	2.37	15	5.6	2.4	2.3	2.3	2,158	1,055	5.55
Areas 3 and B	10,598	54.2	100.0	100.0	100.0	401	2,765,704	8.76	2.19	1,174	5.1	100.0	100.0	100.0	1,403	126,637	4.28
Owners, part owners, and managers	7,169	49.8	67.6	68.9	69.8	396	1,922,014	8.73	2.21	1,073	6.4	91.4	96.3	94.9	1,423	121,662	4.33
Cash tenants	250	53.1	2.4	2.0	2.0	395	55,475	8.75	2.22	5	0.1	0.4	(Z)	(Z)	2,000	50	5.00
All share tenants	1,103	64.9	10.4	9.9	10.3	385	286,600	8.83	2.29	50	1.2	4.3	1.3	2.0	940	1,635	2.79
Croppers	1,840	79.2	17.4	17.1	15.8	434	446,105	8.93	2.06	30	0.2	2.6	0.7	0.4	2,077	1,495	11.50
Other tenants	236	44.0	2.2	2.1	2.1	398	55,510	8.26	2.07	16	5.1	1.4	1.7	2.6	903	1,795	2.32
Area 4a	11,008	63.8	100.0	100.0	100.0	420	4,946,216	9.07	2.16	1,440	5.4	100.0	100.0	100.0	1,480	206,375	4.45
Owners, part owners, and managers	5,415	59.4	49.2	68.7	70.1	412	3,411,968	8.92	2.17	1,322	6.5	91.8	94.8	90.0	1,560	193,388	4.63
Cash tenants	478	68.2	4.3	2.8	3.3	359	144,541	8.10	2.26	21	1.7	1.5	1.2	1.0	1,811	2,322	5.22
All share tenants	1,314	78.9	11.9	7.7	7.6	424	384,502	9.23	2.18	17	1.3	1.2	0.7	1.5	647	1,140	1.61
Croppers	3,286	83.1	29.9	17.5	15.7	471	840,220	9.84	2.09	45	1.0	3.1	2.0	2.2	1,317	6,100	5.87
Other tenants	515	61.9	4.7	3.3	3.3	419	164,985	9.18	2.19	35	8.5	2.4	1.4	5.3	382	3,425	1.39
Area 4b	4,864	47.9	100.0	100.0	100.0	348	1,876,889	7.56	2.17	986	6.4	100.0	100.0	100.0	1,300	127,245	3.86
Owners, part owners, and managers	2,640	43.5	54.3	72.7	73.1	347	1,364,781	7.53	2.17	874	7.0	88.6	86.3	88.6	1,266	110,559	3.79
Cash tenants	400	53.7	8.2	4.5	4.5	348	81,518	7.35	2.11	28	2.0	2.8	2.2	1.2	2,346	2,805	6.93
All share tenants	474	70.2	9.7	5.7	6.0	329	110,680	7.45	2.27	11	3.0	1.1	2.5	2.0	1,689	3,370	5.23
Croppers	884	78.9	18.2	12.6	11.5	382	230,425	8.11	2.12	33	4.1	3.3	3.6	4.5	1,056	5,441	3.71
Other tenants	466	53.9	9.6	4.6	5.0	321	89,485	7.16	2.23	40	5.3	4.1	5.3	3.7	1,846	5,070	4.11
Areas 5, C, and D	3,507	62.1	100.0	100.0	100.0	353	2,122,663	7.99	2.26	512	3.1	100.0	100.0	100.0	1,833	68,645	5.13
Owners, part owners, and managers	1,869	58.0	53.3	72.3	71.1	359	1,554,166	8.23	2.29	448	3.6	87.5	88.5	88.0	1,844	61,353	5.22
Cash tenants	420	69.0	12.0	7.2	8.1	313	157,255	7.31	2.33	16	0.8	3.1	1.7	1.9	1,647	1,070	4.20
All share tenants	246	73.4	7.0	5.4	5.4	352	104,840	7.34	2.09	30	5.3	5.9	7.1	7.7	1,689	4,440	4.31
Croppers	879	83.6	25.1	13.7	13.6	354	276,639	7.63	2.16	16	0.6	3.1	2.3	1.9	2,196	1,415	5.55
Other tenants	93	59.9	2.7	1.5	1.8	302	29,763	6.30	2.08	2	0.9	0.4	0.4	0.5	1,486	367	5.24
Area 6	9,899	71.2	100.0	100.0	100.0	335	6,507,873	7.69	2.30	800	2.0	100.0	100.0	100.0	1,305	103,040	4.33
Owners, part owners, and managers	5,215	68.1	52.7	72.5	71.4	340	4,638,199	7.68	2.26	631	2.3	78.9	87.6	84.8	1,348	82,445	4.09
Cash tenants	916	70.7	9.3	6.8	6.8	336	410,679	7.19	2.14	32	1.0	4.0	4.9	3.5	1,855	11,970	14.51
All share tenants	963	76.6	9.7	5.9	6.2	319	367,467	6.98	2.19	56	2.4	7.0	4.0	7.0	745	4,910	2.95
Croppers	2,437	89.2	24.6	12.5	13.0	322	940,665	8.52	2.65	75	0.9	9.4	3.2	4.5	916	3,520	3.29
Other tenants	368	74.7	3.7	2.3	2.6	298	150,863	6.87	2.31	6	0.2	0.8	0.3	0.2	2,000	195	3.90
Area 7a	6,504	69.7	100.0	100.0	100.0	389	5,308,411	8.83	2.27	761	3.8	100.0	100.0	100.0	1,473	152,510	4.63
Owners, part owners, and managers	2,864	65.8	44.0	71.1	69.6	398	3,872,879	9.25	2.33	598	4.6	78.6	89.0	89.6	1,462	136,382	4.61
Cash tenants	741	70.9	11.4	6.8	8.0	331	343,410	7.14	2.15	18	1.4	2.4	3.3	2.9	1,685	4,873	5.12
All share tenants	417	81.5	6.4	3.4	3.7	357	166,081	7.43	2.08	31	2.1	4.1	2.3	1.7	1,944	3,288	5.72
Croppers	2,274	88.0	35.0	17.5	17.1	396	865,100	8.39	2.12	102	1.4	13.4	4.2	4.8	1,285	6,280	3.94
Other tenants	208	65.1	3.2	1.2	1.5	312	60,941	6.59	2.12	12	2.1	1.6	1.2	0.9	2,000	1,687	5.76
Area 7b	15,842	75.7	100.0	100.0	100.0	409	11,104,804	8.56	2.09	2,217	4.3	100.0	100.0	100.0	1,427	322,524	4.40
Owners, part owners, and managers	8,228	72.2	51.9	67.4	67.1	412	7,527,598	8.65	2.10	1,546	4.7	69.7	79.9	78.1	1,460	245,647	4.30
Cash tenants	1,180	75.2	7.4	5.4	5.6	396	599,880	8.32	2.10	78	3.3	3.5	4.9	4.3	1,638	20,237	6.43
All share tenants	1,782	82.0	11.2	9.6	9.6	407	1,059,800	8.49	2.08	154	3.1	6.9	4.5	6.4	990	17,845	3.80
Croppers	4,255	90.4	26.9	16.1	16.2	407	1,742,785	8.31	2.04	396	2.7	17.9	7.6	8.5	1,274	28,240	4.53
Other tenants	397	73.9	2.5	1.6	1.6	396	174,741	8.37	2.11	43	6.9	1.9	3.1	2.7	1,669	10,555	5.37
Area 8	20,572	81.4	100.0	100.0	100.0	456	11,796,327	10.41	2.28	1,830	2.5	100.0	100.0	100.0	1,401	161,836	4.57
Owners, part owners, and managers	11,364	78.5	55.2	64.9	64.0	462	7,822,370	10.78	2.33	1,491	3.3	81.5	87.5	86.0	1,427	135,354	4.44
Cash tenants	851	77.6	4.1	3.0	3.5	392	362,120	9.01	2.30	15	0.2	0.8	0.3	0.3	1,182	520	4.73
All share tenants	2,854	87.2	13.9	12.4	12.6	450	1,390,225	9.76	2.17	156	1.3	8.5	4.7	6.1	1,083	10,150	4.70
Croppers	4,884	90.1	23.7	17.3	17.0	462	1,948,810	10.10	2.18	110	0.7	6.0	4.6	4.4	1,457	8,085	5.17
Other tenants	619	83.2	3.0	2.4	2.8	393	272,802	8.59	2.18	58	3.0	3.2	2.9	3.2	1,261	7,727	6.75
Areas 9 and E	3,706	67.7	100.0	100.0	100.0	475	1,702,516	10.86	2.29	502	4.8	100.0	100.0	100.0	1,575	64,310	5.79
Owners, part owners, and managers	2,712	65.5	73.2	77.9	77.0	481	1,340,291	11.11	2.31	440	5.7	87.6	93.3	93.8	1,568	59,716	5.74
Cash tenants	87	78.2	2.3	1.6	1.9	395	29,500	9.99	2.53	5	0.7	1.0	0.3	0.2	2,000	175	7.00
All share tenants	357	77.8	9.6	10.0	10.7	443	159,560	9.48	2.14	20	0.6	4.0	1.5	1.2	2,000	1,140	8.44
Croppers	448	78.4	12.1	8.7	8.7	473	140,842	10.33	2.18	31	2.8	6.2	4.6	4.5	1,616	3,095	6.25
Other tenants	102	57.2	2.8	1.8	1.7	519	32,323	12.33	2.38	6	0.8	1.2	0.3	0.3	1,211	184	4.84
Idaho, total	16,361	16.9	100.0	100.0	100.0	234	8,315,520	8.86	3.79	...	...	...	...	...	...	...	...
Owners, part owners, and managers	12,588	15.8	76.9	77.6	77.9	233	6,495,755	8.88	3.82	...	...	...	...	...	...	...	...
Cash tenants	217	12.9	1.3	1.1	1.0	260	79,521	8.69	3.34	...	...	...	...	...	...	...	...
All share tenants	3,372	22.8	20.6	20.2	20.0	236	1,636,143	8.74	3.70	...	...	...	...	...	...	...	...
Other tenants	184	24.6	1.1	1.2	1.1	252	104,101	9.92	3.94	...	...	...	...	...	...	...	...
Area 1	1,322	10.4	100.0	100.0	100.0	145	479,180	5.07	3.50	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,235	10.8	93.4	93.8	93.3	146	453,516	5.15	3.53	...	...	...	...	...	...	...	...
Cash tenants	9	3.4	0.7	0.3	0.2	158	741	3.25	2.06	...	...	...	...	...	...	...	...
All share tenants	66	6.2	5.0	4.6	5.6	120	20,222	3.82	3.18	...	...	...	...	...	...	...	...
Other tenants	12	33.3	0.9	1.3	0.8	228	4,701	5.95	2.61	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Idaho—Continued																	
Area 2	1,567	25.2	100.0	100.0	100.0	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,301	25.5	83.0	81.1	81.0	116	773,075	5.12	4.40	...	...	...	...	...	...	...	...
Cash tenants	16	25.0	1.0	0.4	0.4	123	2,825	4.14	3.36	...	...	...	...	...	...	...	...
All share tenants	245	23.6	15.6	18.0	18.2	115	177,939	5.25	4.57	...	...	...	...	...	...	...	...
Other tenants	5	39.6	0.3	0.5	0.4	130	4,675	6.07	4.68	...	...	...	...	...	...	...	...
Area 3a	3,962	21.5	100.0	100.0	100.0	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,040	20.7	76.7	77.2	76.1	442	1,618,038	15.18	3.43	...	...	...	...	...	...	...	...
Cash tenants	95	17.8	2.4	2.2	2.0	468	45,465	16.04	3.42	...	...	...	...	...	...	...	...
All share tenants	752	25.3	19.0	18.7	19.6	416	399,056	14.55	3.50	...	...	...	...	...	...	...	...
Other tenants	75	27.5	1.9	2.0	2.3	376	50,810	15.66	4.16	...	...	...	...	...	...	...	...
Area 3b	4,685	28.6	100.0	100.0	100.0	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,091	26.1	66.0	69.1	66.7	264	1,657,402	9.74	3.69	...	...	...	...	...	...	...	...
Cash tenants	26	10.8	0.6	0.3	0.3	224	6,795	7.77	3.47	...	...	...	...	...	...	...	...
All share tenants	1,501	36.8	32.0	29.2	31.3	238	671,885	8.42	3.53	...	...	...	...	...	...	...	...
Other tenants	67	29.7	1.4	1.3	1.6	207	34,820	8.37	4.05	...	...	...	...	...	...	...	...
Area 4	4,825	11.1	100.0	100.0	100.0	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,921	10.6	81.3	82.3	82.1	221	1,993,724	9.24	4.19	...	...	...	...	...	...	...	...
Cash tenants	71	12.1	1.5	1.3	1.7	162	23,695	5.22	3.22	...	...	...	...	...	...	...	...
All share tenants	808	15.3	16.7	16.0	15.6	226	367,041	8.97	3.97	...	...	...	...	...	...	...	...
Other tenants	25	12.1	0.5	0.5	0.6	184	9,095	5.96	3.25	...	...	...	...	...	...	...	...
Illinois, total	104,142	33.1	100.0	100.0	100.0	265	57,092,991	7.34	2.77	40,614	4.7	100.0	100.0	100.0	4,464	8,447,557	7.70
Owners, part owners, and managers	62,634	34.3	60.1	57.4	57.0	267	32,628,633	7.35	2.76	25,167	4.9	62.0	59.0	58.3	4,518	5,013,750	7.83
Cash tenants	2,692	33.4	2.6	2.0	2.0	263	1,217,410	7.68	2.92	820	3.5	2.0	1.3	1.5	3,923	104,300	6.36
All share tenants	37,588	31.5	36.1	39.6	39.8	263	22,635,298	7.30	2.77	14,236	4.4	35.1	38.7	39.2	4,403	3,242,267	7.54
Other tenants	1,228	31.1	1.2	1.0	1.1	245	611,650	7.00	2.86	391	4.0	1.0	1.0	1.0	4,512	87,240	7.85
Areas 1, A, and B	12,433	37.4	100.0	100.0	100.0	238	6,240,141	6.69	2.82	3,787	4.3	100.0	100.0	100.0	5,131	740,614	6.99
Owners, part owners, and managers	6,247	37.2	50.2	52.9	47.7	263	3,222,584	7.25	2.75	2,080	4.8	54.9	54.1	54.5	5,098	382,059	6.62
Cash tenants	627	31.9	5.0	3.3	3.3	238	199,675	6.57	2.76	155	3.4	4.1	2.7	3.0	4,601	20,415	6.39
All share tenants	5,383	38.2	43.3	42.6	47.6	213	2,731,557	6.16	2.89	1,521	3.8	40.2	42.3	41.6	5,217	332,280	7.54
Other tenants	176	35.8	1.4	1.2	1.5	197	86,325	6.21	3.15	31	2.5	0.8	0.9	0.9	4,954	5,860	5.95
Areas 2 and C	8,401	44.4	100.0	100.0	100.0	265	4,559,852	7.56	2.86	2,393	4.3	100.0	100.0	100.0	3,577	308,368	5.33
Owners, part owners, and managers	5,360	43.5	63.8	63.2	57.3	292	2,877,647	8.32	2.85	1,557	4.6	65.1	65.1	62.7	3,713	201,203	5.55
Cash tenants	1,035	45.9	12.3	10.5	10.9	255	526,265	7.99	3.13	280	3.4	11.7	6.6	8.3	2,842	19,735	4.10
All share tenants	1,920	45.7	22.9	25.6	30.8	220	1,123,540	6.04	2.75	536	4.0	22.4	27.5	28.5	3,452	85,465	5.20
Other tenants	86	37.0	1.0	0.7	0.9	184	32,400	5.73	3.10	20	1.8	0.8	0.8	0.5	5,929	1,965	7.02
Area 3	9,798	19.7	100.0	100.0	100.0	310	4,986,547	8.33	2.69	5,129	4.9	100.0	100.0	100.0	4,539	1,192,571	8.01
Owners, part owners, and managers	5,063	20.6	51.7	50.6	49.9	314	2,530,009	8.47	2.70	2,755	5.6	53.7	52.5	54.1	4,401	626,171	7.77
Cash tenants	185	15.9	1.9	1.6	1.4	365	99,465	12.02	3.29	110	3.6	2.1	1.3	1.3	4,569	13,455	7.16
All share tenants	4,469	19.0	45.6	47.0	47.6	306	2,307,353	8.10	2.64	2,249	4.4	43.8	46.0	44.3	4,710	550,245	8.34
Other tenants	81	22.2	0.8	0.7	1.1	199	49,720	7.29	3.67	15	1.5	0.3	0.3	0.3	4,000	2,700	5.68
Area 4	10,891	33.0	100.0	100.0	100.0	257	5,870,654	7.79	3.04	4,602	4.8	100.0	100.0	100.0	4,515	903,268	8.22
Owners, part owners, and managers	6,981	32.4	64.1	63.4	60.4	269	3,716,465	8.16	3.03	3,200	5.2	69.5	67.2	67.2	4,519	607,447	8.24
Cash tenants	125	40.4	1.1	1.0	1.2	211	62,735	6.72	3.18	30	1.8	0.7	0.4	0.4	4,488	3,495	8.52
All share tenants	3,599	34.0	33.0	34.2	36.8	238	2,009,589	7.24	3.04	1,302	4.2	28.3	31.2	31.2	4,516	280,826	8.21
Other tenants	186	30.1	1.7	1.4	1.5	245	81,865	7.18	2.93	70	3.8	1.5	1.2	1.3	4,269	11,500	7.93
Area 5	5,139	33.2	100.0	100.0	100.0	328	3,949,815	9.15	2.79	1,825	4.8	100.0	100.0	100.0	4,133	388,662	6.19
Owners, part owners, and managers	2,320	36.0	45.1	46.4	44.9	339	1,827,355	9.44	2.78	833	5.0	45.6	43.3	43.2	4,140	174,002	6.42
Cash tenants	120	34.8	2.3	1.8	1.8	318	63,850	8.14	2.56	10	2.2	0.5	0.8	0.8	4,000	3,000	6.00
All share tenants	2,623	31.2	51.0	50.7	51.9	321	2,014,690	9.00	2.81	962	4.8	52.7	54.9	54.6	4,159	205,540	6.00
Other tenants	76	29.6	1.5	1.2	1.5	275	43,920	7.01	2.55	20	4.2	1.1	1.0	1.4	3,028	6,120	6.92
Areas 6a, D, and E	10,648	29.4	100.0	100.0	100.0	292	6,728,028	8.18	2.80	4,855	5.1	100.0	100.0	100.0	4,296	1,175,505	8.16
Owners, part owners, and managers	5,430	30.6	51.0	50.2	50.1	293	3,446,289	8.36	2.86	2,546	5.5	52.4	50.4	51.1	4,243	591,380	8.04
Cash tenants	200	19.5	1.9	1.8	1.3	391	108,000	10.00	2.56	105	5.1	2.2	2.0	2.0	4,327	24,485	8.62
All share tenants	4,893	28.7	46.0	47.1	47.7	289	3,108,434	7.92	2.74	2,149	4.8	44.3	46.1	45.8	4,320	540,890	8.20
Other tenants	125	26.2	1.2	0.9	0.9	297	65,305	8.92	3.00	55	5.8	1.1	1.5	1.1	5,687	18,750	11.50
Area 6b	16,829	31.5	100.0	100.0	100.0	317	12,630,442	8.50	2.69	6,991	5.0	100.0	100.0	100.0	4,076	1,672,757	7.08
Owners, part owners, and managers	7,527	32.5	44.7	44.9	43.0	331	5,607,811	8.78	2.65	3,184	5.3	45.5	44.7	44.3	4,121	762,312	7.29
Cash tenants	150	28.2	0.9	0.6	0.8	255	82,515	7.19	2.82	25	3.1	0.4	0.4	0.5	3,169	7,010	5.50
All share tenants	8,972	30.8	53.3	53.4	55.2	306	6,806,761	8.30	2.71	3,702	4.8	53.0	53.8	54.2	4,046	887,815	6.93
Other tenants	180	31.9	1.1	1.1	1.0	332	133,355	8.70	2.62	80	4.9	1.1	1.0	1.0	4,228	15,620	6.59

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
Illinois—Continued																	
Areas 7 and F	10,402	37.4	100.0	100.0	100.0	207	4,084,862	5.70	2.75	4,270	4.0	100.0	100.0	100.0	5,066	685,077	8.89
Owners, part owners, and managers	7,254	38.1	69.7	70.3	68.3	213	2,895,495	5.91	2.78	3,176	4.6	74.4	76.5	76.6	5,059	529,455	8.97
Cash tenants	175	32.4	1.7	1.2	1.3	191	38,685	4.29	2.25	75	2.6	1.8	1.0	0.9	5,352	7,215	9.95
All share tenants	2,822	36.2	27.1	27.1	29.2	192	1,100,217	5.26	2.74	984	2.8	23.0	21.5	21.1	5,157	142,077	8.72
Other tenants	151	34.1	1.5	1.5	1.3	239	50,465	5.46	2.29	35	3.9	0.8	1.0	1.4	3,820	6,330	6.00
Area 8	7,544	43.3	100.0	100.0	100.0	197	2,869,278	5.15	2.61	2,679	4.4	100.0	100.0	100.0	5,243	588,598	10.28
Owners, part owners, and managers	6,341	42.9	84.1	84.5	82.4	202	2,395,783	5.22	2.58	2,368	4.6	88.4	85.6	85.5	5,253	502,303	10.26
Cash tenants	15	58.8	0.2	0.2	0.2	204	6,160	5.40	2.66	...	...	...	...	...	...	...	...
All share tenants	1,128	45.7	15.0	14.8	16.7	175	448,665	4.81	2.75	281	3.3	10.5	11.9	12.0	5,213	71,910	10.51
Other tenants	60	34.0	0.8	0.5	0.7	151	18,670	5.02	3.33	30	13.5	1.1	2.5	2.6	5,044	14,385	9.75
Area 9	5,241	45.9	100.0	100.0	100.0	208	2,820,599	5.83	2.80	1,639	3.7	100.0	100.0	100.0	4,574	345,588	8.77
Owners, part owners, and managers	4,179	45.8	79.7	75.2	75.7	207	2,100,609	5.73	2.77	1,321	3.9	80.6	78.3	79.8	4,487	259,993	8.26
Cash tenants	25	51.2	0.5	0.4	0.4	182	13,855	6.37	3.50	...	...	...	...	...	...	...	...
All share tenants	976	46.3	18.6	23.5	22.9	214	678,815	6.13	2.87	293	3.2	17.9	21.0	19.2	5,017	83,155	11.01
Other tenants	61	43.2	1.2	0.9	0.9	206	27,320	6.05	2.94	25	3.8	1.5	0.7	1.0	3,075	2,440	6.10
Area 10	4,062	39.1	100.0	100.0	100.0	211	1,413,669	5.54	2.62	1,413	4.4	100.0	100.0	100.0	5,222	275,570	9.55
Owners, part owners, and managers	3,590	38.5	88.4	85.7	84.0	215	1,208,197	5.64	2.62	1,277	4.6	90.4	87.5	89.2	5,121	243,006	9.44
Cash tenants	25	41.7	0.6	0.8	0.7	227	10,055	5.28	2.33	20	12.5	1.4	2.0	2.0	5,333	5,195	9.11
All share tenants	426	43.4	10.5	12.6	14.4	185	178,012	4.86	2.62	111	2.9	7.9	10.0	8.5	6,144	25,869	10.55
Other tenants	21	33.9	0.5	1.0	0.9	236	17,405	7.90	3.35	5	1.5	0.4	0.5	0.3	8,000	1,500	15.00
Area 11	2,754	22.7	100.0	100.0	100.0	263	939,104	6.57	2.50	1,031	4.7	100.0	100.0	100.0	3,883	170,979	5.82
Owners, part owners, and managers	2,342	22.8	85.0	86.4	83.0	274	800,389	6.75	2.46	870	4.1	84.4	79.2	72.3	4,253	134,419	6.33
Cash tenants	10	8.6	0.4	0.6	0.2	914	6,150	25.10	2.75	10	7.2	1.0	0.3	0.7	1,561	295	1.44
All share tenants	377	22.9	13.7	12.3	16.1	200	127,665	5.53	2.77	146	7.8	14.2	20.5	27.0	2,949	36,195	4.57
Other tenants	25	15.6	0.9	0.7	0.7	262	4,900	4.76	1.81	5	0.2	0.5	0.1	0.1	4,667	70	4.67
Indiana, total	101,323	58.4	100.0	100.0	100.0	258	58,263,631	7.46	2.89	37,718	6.3	100.0	100.0	100.0	3,976	4,989,821	5.92
Owners, part owners, and managers	77,361	57.1	76.4	70.2	68.1	266	40,778,595	7.66	2.88	29,747	6.8	78.9	75.0	74.9	3,981	3,679,238	5.83
Cash tenants	825	60.3	0.8	0.7	0.7	262	394,020	7.57	2.89	285	5.5	0.8	0.5	0.6	3,537	26,470	5.62
All share tenants	21,315	61.6	21.0	27.4	29.4	241	16,098,286	7.02	2.92	7,189	5.3	19.1	23.3	23.2	3,987	1,219,751	6.24
Other tenants	1,822	57.3	1.8	1.7	1.8	247	992,730	7.01	2.84	497	4.5	1.3	1.2	1.3	3,681	64,362	5.82
Areas 1, A, and B	6,421	63.5	100.0	100.0	100.0	277	4,919,713	8.51	3.07	2,207	5.9	100.0	100.0	100.0	4,403	419,028	7.79
Owners, part owners, and managers	5,010	62.6	78.0	73.9	71.8	286	3,645,050	8.78	3.07	1,696	6.5	76.8	77.3	80.1	4,253	314,198	7.30
Cash tenants	160	57.1	2.5	2.0	2.1	269	96,645	8.09	3.01	55	3.4	2.5	1.0	1.3	3,427	5,040	7.05
All share tenants	1,156	66.5	18.0	22.0	24.3	251	1,079,913	7.68	3.06	426	4.5	19.3	21.0	17.7	5,227	97,160	10.24
Other tenants	95	67.1	1.5	2.0	1.8	309	98,105	9.23	2.99	30	3.2	1.4	0.7	0.9	3,109	2,630	5.21
Area 2a	9,149	68.9	100.0	100.0	100.0	277	7,998,667	8.61	3.11	2,967	5.5	100.0	100.0	100.0	4,394	456,427	6.11
Owners, part owners, and managers	6,633	68.0	72.5	65.1	63.0	286	5,208,668	8.89	3.11	2,102	5.7	70.8	62.8	65.4	4,216	280,882	5.75
Cash tenants	70	82.6	0.8	0.4	0.5	272	32,470	7.69	2.83	15	3.4	0.5	0.1	0.2	2,571	1,850	10.57
All share tenants	2,256	70.4	24.7	32.9	34.8	262	2,627,209	8.13	3.10	805	5.4	27.1	36.1	33.4	4,752	168,970	6.79
Other tenants	190	66.0	2.1	1.6	1.8	250	130,320	7.97	3.19	45	2.9	1.5	1.0	1.0	4,497	4,725	6.52
Area 2b	15,212	61.1	100.0	100.0	100.0	245	10,924,689	7.26	2.96	5,619	6.5	100.0	100.0	100.0	3,640	943,803	5.85
Owners, part owners, and managers	9,776	60.4	64.3	58.9	56.5	255	6,441,244	7.58	2.97	3,734	7.1	66.5	59.5	62.2	3,480	555,909	5.54
Cash tenants	95	57.1	0.6	0.4	0.5	225	45,495	6.59	2.92	30	4.3	0.5	0.4	0.3	4,427	3,100	6.02
All share tenants	5,065	62.1	33.3	38.9	41.1	232	4,238,670	6.85	2.95	1,789	5.9	31.8	39.3	36.3	3,934	378,194	6.45
Other tenants	276	61.5	1.8	1.8	1.9	227	199,280	6.88	3.04	66	3.8	1.2	0.8	1.1	2,734	6,600	3.73
Areas 3 and C	15,182	55.6	100.0	100.0	100.0	240	6,839,570	6.87	2.87	4,171	4.8	100.0	100.0	100.0	3,190	434,185	5.05
Owners, part owners, and managers	11,612	54.9	76.5	71.9	70.6	244	4,952,135	7.05	2.89	3,281	5.1	78.7	77.8	76.6	3,242	337,375	5.13
Cash tenants	90	57.6	0.6	0.4	0.5	222	32,940	7.04	3.17	35	3.9	0.8	0.3	0.4	2,286	1,675	5.32
All share tenants	3,185	58.1	21.0	25.7	26.9	229	1,723,700	6.44	2.82	810	4.1	19.4	20.7	21.9	3,018	89,685	4.77
Other tenants	295	49.6	1.9	2.0	2.0	243	130,795	6.62	2.72	45	2.5	1.1	1.2	1.2	3,271	5,450	5.37
Area 4	10,950	62.4	100.0	100.0	100.0	245	6,020,978	6.86	2.80	2,373	4.1	100.0	100.0	100.0	3,850	320,346	5.50
Owners, part owners, and managers	7,845	61.6	71.6	65.4	65.3	245	3,946,033	6.89	2.81	1,658	4.3	69.9	68.6	67.9	3,895	219,386	5.55
Cash tenants	100	71.8	0.9	1.1	1.0	253	69,790	7.78	3.08	30	8.6	1.3	2.0	1.8	4,121	6,790	6.32
All share tenants	2,780	64.0	25.4	31.4	31.5	244	1,875,165	6.79	2.78	645	3.8	27.2	27.4	28.2	3,735	87,240	5.30
Other tenants	225	59.0	2.1	2.2	2.2	237	129,990	6.61	2.79	40	3.6	1.7	2.0	2.1	3,708	6,930	5.78
Areas 5 and D	14,260	60.9	100.0	100.0	100.0	248	8,092,565	6.84	2.72	5,314	6.8	100.0	100.0	100.0	3,663	689,357	5.20
Owners, part owners, and managers	10,165	59.8	71.3	66.3	64.4	256	5,397,625	7.09	2.77	3,934	7.4	74.0	72.6	71.0	3,745	488,997	5.19
Cash tenants	175	55.0	1.2	0.8	0.7	298	60,790	7.41	2.48	50	4.2	0.9	0.4	0.5	3,472	2,930	4.69
All share tenants	3,635	63.8	25.5	31.1	33.2	233	2,494,540	6.35	2.73	1,240	5.8	23.3	25.5	27.0	3,463	184,730	5.16
Other tenants	285	55.0	2.0	1.8	1.7	251	139,610	6.75	2.69	90	5.5	1.7	1.5	1.6	3,447	12,700	6.11

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Indiana—Continued																	
Areas 6 and E	13,211	50.4	100.0	100.0	100.0	260	7,468,371	7.70	2.96	6,832	7.2	100.0	100.0	100.0	4,100	944,925	6.80
Owners, part owners, and managers	11,011	50.4	83.3	79.6	78.1	265	5,879,297	7.77	2.93	5,850	7.7	85.6	81.9	82.7	4,059	771,088	6.71
Cash tenants	60	55.2	0.5	0.3	0.2	339	20,270	10.24	3.02	25	19.8	0.4	0.3	0.5	2,127	1,835	2.58
All share tenants	1,960	49.6	14.8	19.0	20.3	244	1,493,639	7.60	3.12	877	5.4	12.8	16.2	15.3	4,351	155,247	7.30
Other tenants	180	59.5	1.4	1.1	1.4	206	75,165	5.43	2.64	80	8.8	1.2	1.6	1.5	4,477	16,755	8.16
Area 7	7,383	49.2	100.0	100.0	100.0	295	2,826,635	7.72	2.62	3,744	8.6	100.0	100.0	100.0	4,616	349,902	5.50
Owners, part owners, and managers	6,920	49.1	93.7	92.5	92.0	296	2,604,415	7.74	2.61	3,527	8.8	94.2	94.7	94.8	4,610	332,860	5.51
Cash tenants	20	45.2	0.3	0.4	0.4	263	10,300	6.60	2.51	10	1.4	0.3	0.1	0.1	6,000	300	6.00
All share tenants	347	52.9	4.7	5.9	6.3	275	177,965	7.71	2.80	176	6.4	4.7	4.5	4.4	4,702	15,130	5.43
Other tenants	96	43.9	1.3	1.3	1.3	284	33,955	7.07	2.49	31	4.1	0.8	0.7	0.7	4,757	1,612	3.59
Areas 8 and F	9,555	47.8	100.0	100.0	100.0	302	3,172,443	7.86	2.60	4,491	8.7	100.0	100.0	100.0	4,770	431,848	5.88
Owners, part owners, and managers	8,389	47.3	87.8	85.5	83.9	308	2,704,128	7.99	2.60	3,965	9.0	88.3	88.6	87.6	4,823	378,543	5.89
Cash tenants	55	64.1	0.6	0.7	0.9	250	25,320	7.02	2.81	35	9.4	0.8	0.7	0.7	4,434	2,950	5.57
All share tenants	931	50.8	9.7	12.0	13.5	268	387,485	7.09	2.65	421	6.8	9.4	9.4	10.0	4,494	43,395	5.92
Other tenants	180	48.4	1.9	1.8	1.7	323	55,510	8.14	2.52	70	8.9	1.6	1.4	1.7	3,778	6,960	5.52
Iowa, total	111,004	26.7	100.0	100.0	100.0	175	46,771,168	6.67	3.82	30,422	2.7	100.0	100.0	100.0	4,230	4,535,046	6.29
Owners, part owners, and managers	63,085	26.0	56.8	56.0	53.6	182	25,943,811	6.90	3.79	20,224	3.3	66.5	65.0	65.7	4,180	2,943,361	6.21
Cash tenants	5,472	26.7	4.9	3.8	4.1	163	1,780,345	6.20	3.81	1,376	2.7	4.5	4.5	4.1	4,602	189,620	6.42
All share tenants	41,256	27.7	37.2	39.3	41.2	166	18,595,127	6.43	3.87	8,551	2.0	28.1	29.8	29.4	4,293	1,367,825	6.46
Other tenants	1,191	26.1	1.1	0.9	1.0	159	451,885	6.29	3.95	271	2.1	0.9	0.8	0.8	4,175	34,240	6.05
Area 1a	11,561	26.6	100.0	100.0	100.0	181	5,694,786	7.38	4.07	1,118	1.1	100.0	100.0	100.0	3,067	207,333	6.68
Owners, part owners, and managers	5,449	27.7	47.1	49.9	47.2	191	2,829,006	7.76	4.05	598	1.3	53.5	53.9	54.7	3,025	109,603	6.46
Cash tenants	1,110	26.8	9.6	7.6	8.2	169	430,945	6.82	4.05	90	0.7	8.1	5.0	5.2	2,969	13,455	8.36
All share tenants	4,907	25.5	42.4	41.7	43.8	172	2,387,995	7.06	4.09	430	0.9	38.5	41.1	40.2	3,138	84,275	6.76
Other tenants	95	26.7	0.8	0.7	0.7	179	46,840	8.17	4.57	...	...	...	...	...	...	...	...
Areas 1b, A, and B	14,696	26.8	100.0	100.0	100.0	159	7,499,271	7.59	4.78	1,581	1.1	100.0	100.0	100.0	3,462	262,927	6.56
Owners, part owners, and managers	7,703	26.1	52.4	51.3	50.4	162	3,850,149	7.74	4.78	964	1.2	61.0	59.8	59.4	3,487	156,092	6.56
Cash tenants	316	24.2	2.2	1.6	1.6	154	124,845	7.82	5.09	25	1.7	1.6	3.1	2.8	3,824	8,145	7.18
All share tenants	6,497	27.8	44.2	46.1	46.9	156	3,442,277	7.44	4.76	567	0.9	35.9	35.7	36.2	3,408	94,900	6.54
Other tenants	180	24.8	1.2	1.0	1.1	140	82,000	7.47	5.35	25	1.4	1.6	1.4	1.6	3,072	3,790	6.06
Area 2a	8,604	34.6	100.0	100.0	100.0	176	4,268,180	5.85	3.33	312	0.5	100.0	100.0	100.0	2,496	56,442	5.61
Owners, part owners, and managers	4,283	33.9	49.8	49.7	47.5	184	2,065,595	5.96	3.24	172	0.5	55.1	51.0	53.7	2,368	30,952	5.73
Cash tenants	250	27.7	2.9	2.3	2.2	184	96,170	6.06	3.30	5	0.1	1.6	0.6	0.4	4,000	250	6.25
All share tenants	3,981	35.8	46.3	47.1	49.1	169	2,061,035	5.76	3.41	130	0.5	41.7	48.0	45.1	2,657	24,490	5.40
Other tenants	90	38.7	1.0	1.0	1.2	136	45,380	5.06	3.71	5	0.3	1.6	0.4	0.8	1,250	750	9.38
Areas 2b and C	15,638	29.8	100.0	100.0	100.0	175	7,722,952	6.65	3.80	1,372	0.9	100.0	100.0	100.0	3,318	196,155	5.90
Owners, part owners, and managers	7,372	30.1	47.1	49.2	46.9	184	3,819,887	7.00	3.82	807	1.1	58.8	55.9	58.9	3,152	111,680	5.71
Cash tenants	405	32.9	2.6	2.1	2.3	165	166,965	6.34	3.85	60	1.5	4.4	3.1	3.6	2,863	6,470	5.37
All share tenants	7,696	29.6	49.2	48.0	50.3	167	3,678,390	6.30	3.77	500	0.6	36.4	40.5	37.2	3,611	76,580	6.19
Other tenants	165	24.1	1.1	0.7	0.8	165	57,710	6.28	3.81	5	0.3	0.4	0.5	0.3	5,000	1,425	14.25
Area 3a	5,615	14.1	100.0	100.0	100.0	184	1,795,784	7.71	4.19	3,032	4.1	100.0	100.0	100.0	3,541	390,114	5.72
Owners, part owners, and managers	3,762	14.3	67.0	65.5	63.9	189	1,172,549	7.88	4.18	2,146	4.6	70.8	70.7	70.5	3,551	275,384	5.73
Cash tenants	120	15.3	2.1	1.8	1.7	188	37,135	9.31	4.94	25	1.6	0.8	0.5	0.6	3,259	2,015	4.98
All share tenants	1,678	13.5	29.9	31.8	33.6	174	570,995	7.29	4.19	831	3.4	27.4	28.3	28.4	3,525	110,810	5.72
Other tenants	55	16.2	1.0	0.8	0.8	196	15,105	8.35	4.27	30	3.3	1.0	0.5	0.5	3,288	1,905	5.22
Area 3b	6,895	16.7	100.0	100.0	100.0	200	2,183,919	7.20	3.60	4,253	5.7	100.0	100.0	100.0	3,920	617,499	5.95
Owners, part owners, and managers	5,257	16.1	76.2	73.4	71.4	206	1,603,926	7.40	3.60	3,317	6.1	78.0	75.8	78.9	3,767	470,314	5.74
Cash tenants	80	12.6	1.2	0.7	0.8	172	13,850	5.84	3.39	50	4.4	1.2	1.1	0.8	5,169	5,680	6.84
All share tenants	1,483	18.9	21.5	25.0	26.8	187	547,143	6.73	3.60	851	4.7	20.0	22.4	19.6	4,477	137,060	6.75
Other tenants	75	14.1	1.1	0.9	1.0	182	19,000	6.28	3.44	35	3.7	0.8	0.8	0.8	4,064	4,445	5.66
Area 4	24,468	36.2	100.0	100.0	100.0	158	8,294,711	5.60	3.53	5,878	3.0	100.0	100.0	100.0	4,986	794,671	6.37
Owners, part owners, and managers	14,818	35.3	60.6	59.1	57.2	164	4,925,176	5.81	3.55	3,933	3.4	66.9	64.6	64.5	4,993	517,761	6.43
Cash tenants	1,690	35.0	6.9	5.2	5.7	144	443,265	5.28	3.66	300	2.4	5.1	4.8	4.6	5,231	34,915	6.09
All share tenants	7,680	38.0	31.4	34.5	35.9	152	2,834,365	5.32	3.49	1,585	2.6	27.0	29.5	29.7	4,951	233,440	6.30
Other tenants	280	35.6	1.1	1.2	1.2	155	91,905	5.27	3.40	60	3.1	1.0	1.1	1.2	4,490	8,555	5.59
Area 5	10,178	17.9	100.0	100.0	100.0	191	4,193,664	7.43	3.89	6,423	5.0	100.0	100.0	100.0	4,274	1,022,052	6.48
Owners, part owners, and managers	5,725	17.9	56.2	59.1	55.1	205	2,376,867	7.64	3.73	3,981	5.7	62.0	62.1	62.6	4,242	633,992	6.43
Cash tenants	490	16.5	4.8	3.8	4.4	168	158,925	6.46	3.84	255	4.0	4.0	4.0	3.8	4,457	42,670	7.09
All share tenants	3,862	17.9	37.9	36.1	39.6	174	1,616,272	7.23	4.15	2,141	4.2	33.3	33.6	33.2	4,318	341,750	6.53
Other tenants	101	18.7	1.0	0.9	1.0	176	41,600	7.43	4.23	46	2.0	0.7	0.3	0.4	3,787	3,640	5.97

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Iowa—Continued																	
Areas 6 and D	13,349	26.4	100.0	100.0	100.0	192	5,117,901	6.59	3.43	6,453	5.2	100.0	100.0	100.0	4,842	987,853	6.50
Owners, part owners, and managers	8,716	25.8	65.3	64.3	62.4	198	3,300,656	6.81	3.44	4,306	5.3	66.7	64.2	65.2	4,769	637,583	6.44
Cash tenants	1,011	25.1	7.6	5.9	6.5	174	308,245	6.07	3.48	566	6.2	8.8	8.2	8.3	4,839	76,020	6.07
All share tenants	3,472	28.1	26.0	28.7	29.9	185	1,456,655	6.28	3.40	1,516	4.7	23.5	26.5	25.5	5,030	264,520	6.82
Other tenants	150	28.5	1.1	1.0	1.2	170	52,345	5.73	3.37	65	4.9	1.0	1.0	1.0	4,818	9,730	6.22
Kansas, total	45,883	12.8	100.0	100.0	100.0	117	18,280,568	4.81	4.13	7,127	0.6	100.0	100.0	100.0	3,975	1,055,560	5.89
Owners, part owners, and managers	32,780	13.0	71.4	73.5	71.8	119	13,345,637	4.89	4.10	5,505	0.7	77.2	78.9	79.1	3,969	819,137	5.78
Cash tenants	806	22.4	1.8	1.4	1.2	128	246,396	5.22	4.08	72	0.6	1.0	0.7	0.7	4,029	7,065	5.67
All share tenants	11,661	11.8	25.4	23.9	25.6	109	4,452,254	4.58	4.21	1,439	0.4	20.2	18.8	18.5	4,033	205,498	6.20
Other tenants	636	15.9	1.4	1.3	1.3	112	236,281	4.70	4.19	111	1.0	1.6	1.6	1.8	3,624	23,860	7.60
Area 1	594	1.0	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
Owners, part owners, and managers	411	0.9	69.2	71.4	70.2	81	182,336	4.39	5.43	10	(Z)	100 0	100.0	100.0	5,333	2,600	8.67
Cash tenants	14	1.6	2.4	0.3	0.4	68	878	3.75	5.49	...	...	...	...	...	...	...	...
All share tenants	157	0.9	26.4	25.6	25.5	80	57,900	3.84	4.81	...	...	...	...	...	...	...	...
Other tenants	12	4.4	2.0	2.6	3.9	54	10,010	4.35	8.07	...	...	...	...	...	...	...	...
Area 2a	1,607	2.4	100.0	100.0	100.0	84	642,509	3.67	4.38	33	(Z)	100.0	100.0	100.0	3,720	10,079	8.44
Owners, part owners, and managers	938	2.1	58.4	63.1	62.7	84	397,802	3.62	4.30	22	(Z)	66.7	64.0	64.8	3,672	7,459	9.64
Cash tenants	6	1.3	0.4	0.4	0.1	459	1,000	7.41	1.61	...	...	...	...	...	...	...	...
All share tenants	647	3.1	40.3	36.2	36.9	82	241,683	3.74	4.56	11	(Z)	33.3	36.0	35.2	3,810	2,620	6.24
Other tenants	16	0.7	1.0	0.3	0.3	86	2,024	4.35	5.06	...	...	...	...	...	...	...	...
Area 2b	798	3.4	100.0	100.0	100.0	99	303,734	4.25	4.30	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
Owners, part owners, and managers	554	3.6	69.4	66.0	72.8	90	221,686	4.26	4.75	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
Cash tenants	7	4.4	0.9	0.5	0.4	117	1,255	4.33	3.69	...	...	...	...	...	...	...	...
All share tenants	237	3.2	29.7	33.5	26.7	124	80,793	4.23	3.41	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 3a and A	5,712	19.4	100.0	100.0	100.0	86	2,320,667	3.62	4.19	753	0.6	100.0	100.0	100.0	3,505	125,207	6.22
Owners, part owners, and managers	3,773	20.2	66.1	69.4	68.7	87	1,609,604	3.65	4.19	526	0.7	69.9	72.5	71.5	3,554	86,954	6.03
Cash tenants	65	15.1	1.1	0.7	0.6	109	17,135	4.68	4.28	20	0.8	2.7	0.8	0.9	2,842	865	4.55
All share tenants	1,791	17.5	31.4	28.3	29.2	84	659,038	3.52	4.20	192	0.5	25.5	25.2	26.1	3,381	35,413	6.73
Other tenants	83	28.7	1.5	1.5	1.6	85	34,890	3.49	4.12	15	0.8	2.0	1.5	1.4	3,818	1,975	7.18
Area 3b	4,461	23.8	100.0	100.0	100.0	96	1,714,872	4.12	4.32	350	0.5	100.0	100.0	100.0	3,518	56,866	6.13
Owners, part owners, and managers	2,925	24.2	65.6	67.3	67.2	96	1,145,438	4.10	4.28	218	0.5	62.3	68.0	67.1	3,567	39,835	6.39
Cash tenants	109	33.8	2.4	2.3	2.3	98	47,173	4.99	5.07	...	...	...	...	...	...	...	...
All share tenants	1,365	22.3	30.6	28.7	29.0	95	494,065	4.09	4.33	132	0.6	37.7	32.0	32.9	3,420	17,031	5.58
Other tenants	62	26.4	1.4	1.6	1.5	102	28,196	4.54	4.43	...	...	...	...	...	...	...	...
Area 4	3,451	10.8	100.0	100.0	100.0	119	1,311,580	5.32	4.49	377	0.4	100.0	100.0	100.0	3,761	65,167	7.77
Owners, part owners, and managers	2,329	11.1	67.5	70.5	71.1	118	952,800	5.44	4.62	247	0.4	65.5	70.3	72.9	3,628	48,177	7.88
Cash tenants	25	13.7	0.7	0.5	0.5	102	6,310	4.73	4.64	...	...	...	...	...	...	...	...
All share tenants	1,047	9.8	30.3	27.6	27.2	120	336,110	5.02	4.16	125	0.3	33.2	28.4	25.9	4,124	16,190	7.46
Other tenants	50	14.7	1.4	1.4	1.2	139	16,360	5.69	4.09	5	0.5	1.3	1.3	1.3	4,000	800	7.62
Area 5	7,358	26.7	100.0	100.0	100.0	121	2,672,963	4.96	4.09	1,071	1.3	100.0	100.0	100.0	3,732	158,680	5.81
Owners, part owners, and managers	5,365	26.4	72.9	73.7	71.3	125	1,941,358	5.05	4.03	824	1.4	76.9	76.4	76.9	3,705	119,248	5.68
Cash tenants	239	22.6	3.2	2.5	2.5	121	64,985	4.84	4.01	21	0.6	2.0	1.5	1.3	4,443	1,975	5.76
All share tenants	1,654	28.4	22.5	22.7	25.1	109	635,209	4.69	4.29	215	1.2	20.1	21.6	21.3	3,785	34,747	5.98
Other tenants	100	20.4	1.4	1.2	1.1	128	31,411	5.30	4.13	11	0.5	1.0	0.5	0.5	3,862	2,710	18.49
Areas 6 and B	8,237	29.8	100.0	100.0	100.0	144	3,471,571	6.10	4.24	1,570	2.0	100.0	100.0	100.0	4,027	229,870	5.96
Owners, part owners, and managers	6,017	30.3	73.0	74.5	73.1	147	2,544,624	6.12	4.17	1,216	2.2	77.5	76.3	77.5	3,965	178,678	5.98
Cash tenants	151	36.0	1.8	2.0	1.8	165	64,945	6.47	3.93	6	0.9	0.4	0.6	0.6	4,017	1,440	6.03
All share tenants	1,959	28.3	23.8	22.3	23.8	135	818,932	6.05	4.48	308	1.4	19.6	20.3	17.8	4,573	44,287	6.44
Other tenants	110	26.8	1.3	1.1	1.4	119	43,070	5.43	4.58	40	5.3	2.5	2.9	4.1	2,813	5,465	3.47
Area 7a	7,818	32.9	100.0	100.0	100.0	139	2,972,896	5.59	4.03	1,765	2.7	100.0	100.0	100.0	4,079	232,231	5.28
Owners, part owners, and managers	6,112	33.6	78.2	80.7	80.1	140	2,403,383	5.64	4.03	1,495	3.1	84.7	86.7	88.4	3,999	199,596	5.13
Cash tenants	115	26.7	1.5	1.0	1.0	136	26,445	4.84	3.55	15	1.5	0.8	0.7	0.7	3,774	1,425	4.60
All share tenants	1,479	31.0	18.9	17.0	17.6	134	503,791	5.39	4.01	235	1.4	13.3	11.4	9.9	4,724	27,600	6.34
Other tenants	112	30.2	1.4	1.3	1.4	135	39,277	5.46	4.06	20	1.9	1.1	1.2	1.0	5,045	3,610	8.20
Area 7b	5,847	46.7	100.0	100.0	100.0	130	2,618,652	4.80	3.68	1,186	2.5	100.0	100.0	100.0	4,506	173,593	5.83
Owners, part owners, and managers	4,356	46.8	74.5	75.4	73.6	134	1,946,606	4.84	3.63	935	2.8	78.8	81.8	79.9	4,610	135,323	5.68
Cash tenants	75	35.1	1.3	0.6	0.6	143	16,270	5.18	3.63	10	1.8	0.8	0.6	0.6	5,030	1,360	8.24
All share tenants	1,325	47.4	22.7	22.7	24.4	121	624,733	4.68	3.87	221	1.8	18.6	15.6	17.5	4,017	27,610	5.30
Other tenants	91	37.7	1.6	1.3	1.3	125	31,043	4.23	3.37	20	3.1	1.7	2.0	2.0	4,500	9,300	15.50

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
Kentucky, total	107,617	27.7	100.0	100.0	100.0	407	25,598,119	10.10	2.49	23,656	5.9	100.0	100.0	100.0	3,683	2,828,327	5.22
Owners, part owners, and managers	82,446	27.3	76.6	77.3	80.7	389	19,689,700	9.63	2.47	20,626	6.3	87.2	87.1	86.8	3,697	2,450,231	5.21
Cash tenants	314	21.3	0.3	0.3	0.3	323	72,185	8.91	2.76	34	3.2	0.1	0.2	0.2	3,541	4,692	3.86
All share tenants	12,537	26.7	11.6	12.9	11.4	460	3,369,321	11.64	2.53	1,964	4.7	8.3	8.9	9.3	3,524	270,469	5.36
Croppers	9,638	38.7	9.0	7.3	5.3	556	1,874,740	13.96	2.51	630	3.2	2.7	2.2	2.1	3,918	55,235	4.96
Other tenants	2,682	28.4	2.5	2.3	2.2	414	592,173	10.50	2.54	402	4.4	1.7	1.6	1.6	3,561	47,700	5.41
Area 1	6,101	32.1	100.0	100.0	100.0	247	1,441,829	6.42	2.60	2,438	7.9	100.0	100.0	100.0	3,357	325,211	5.87
Owners, part owners, and managers	5,202	33.0	85.3	88.4	87.6	250	1,275,839	6.49	2.60	2,267	8.6	93.0	92.2	92.6	3,343	300,366	5.86
Cash tenants	15	16.1	0.2	0.1	0.1	204	1,340	4.87	2.39	...	...	...	...	...	...	...	...
All share tenants	453	25.0	7.4	6.6	7.4	220	93,650	5.61	2.56	106	4.5	4.3	5.7	5.4	3,550	17,960	6.03
Croppers	276	28.6	4.5	3.0	2.8	268	42,580	6.76	2.52	5	0.3	0.2	0.2	0.1	4,000	600	8.57
Other tenants	155	35.9	2.5	1.8	2.1	218	28,420	6.10	2.80	60	8.0	2.5	1.9	1.9	3,413	6,285	6.04
Area 2	4,726	34.4	100.0	100.0	100.0	259	1,519,180	6.44	2.49	1,374	5.6	100.0	100.0	100.0	3,445	217,230	5.65
Owners, part owners, and managers	3,493	33.6	73.9	74.9	72.9	266	1,154,230	6.71	2.52	1,092	5.9	79.5	78.8	78.4	3,465	178,645	5.93
Cash tenants	25	26.4	0.5	0.7	0.6	274	8,970	6.08	2.22	5	4.5	0.4	0.8	0.7	4,000	600	2.40
All share tenants	721	38.0	15.3	17.3	19.6	228	247,445	5.35	2.34	202	4.8	14.7	14.3	15.1	3,259	25,165	4.34
Croppers	332	33.2	7.0	3.7	3.3	292	56,960	7.36	2.52	25	2.4	1.8	1.6	1.4	3,766	3,440	6.20
Other tenants	155	37.3	3.3	3.4	3.6	241	51,575	6.03	2.50	50	7.4	3.6	4.6	4.4	3,537	9,380	5.50
Area 3a	10,064	31.9	100.0	100.0	100.0	302	2,468,341	7.06	2.34	2,893	7.4	100.0	100.0	100.0	3,570	422,905	5.22
Owners, part owners, and managers	8,934	31.8	88.8	89.8	89.4	303	2,210,934	7.07	2.33	2,737	7.6	94.6	93.4	92.3	3,613	395,088	5.29
Cash tenants	15	16.0	0.1	0.1	0.1	564	3,840	13.71	2.43	...	...	...	...	...	...	...	...
All share tenants	549	31.5	5.5	5.2	6.4	247	136,737	6.15	2.49	76	6.0	2.6	4.6	5.2	3,137	19,122	4.52
Croppers	365	42.3	3.6	3.4	2.7	384	80,530	8.52	2.22	45	6.6	1.6	1.6	1.8	3,064	5,980	4.03
Other tenants	201	31.5	2.0	1.4	1.4	291	36,300	7.33	2.52	35	3.5	1.2	0.5	0.7	2,440	2,715	4.98
Area 3b	8,637	34.0	100.0	100.0	100.0	390	2,171,533	9.10	2.33	1,690	4.9	100.0	100.0	100.0	4,193	194,251	5.61
Owners, part owners, and managers	7,002	33.3	81.1	82.7	84.2	383	1,790,963	8.91	2.32	1,495	5.0	88.5	88.5	86.5	4,288	174,566	5.83
Cash tenants	5	27.3	0.1	(Z)	(Z)	160	215	2.87	1.79	...	...	...	...	...	...	...	...
All share tenants	690	35.7	8.0	8.1	8.2	382	176,675	9.00	2.35	110	6.1	6.5	7.0	9.7	3,036	13,030	3.90
Croppers	735	46.9	8.5	6.8	5.2	511	151,075	12.21	2.39	55	3.0	3.3	2.9	2.3	5,321	3,875	4.97
Other tenants	205	34.0	2.4	2.4	2.3	409	52,605	9.45	2.31	30	3.3	1.8	1.7	1.6	4,463	2,780	5.15
Area 4	11,940	40.9	100.0	100.0	100.0	339	3,784,519	7.90	2.33	3,404	8.4	100.0	100.0	100.0	3,873	402,988	4.08
Owners, part owners, and managers	8,513	39.0	71.3	76.6	76.6	339	2,923,274	7.96	2.35	2,838	8.8	83.4	84.5	83.3	3,932	334,573	4.06
Cash tenants	11	47.4	0.1	0.2	0.2	400	8,725	9.97	2.49	1	16.3	(Z)	0.3	0.3	4,000	1,200	4.00
All share tenants	1,291	45.3	10.8	11.9	12.8	315	431,020	7.02	2.23	375	8.4	11.0	10.5	11.6	3,511	46,390	4.06
Croppers	1,770	57.9	14.8	9.2	8.1	383	346,780	8.90	2.33	140	5.5	4.1	3.6	3.7	3,728	15,705	4.28
Other tenants	355	39.2	3.0	2.0	2.3	305	74,720	6.86	2.25	50	4.1	1.5	1.1	1.2	3,675	5,120	4.49
Area 5	17,071	33.9	100.0	100.0	100.0	402	3,320,429	9.68	2.41	2,986	4.7	100.0	100.0	100.0	4,039	273,415	5.73
Owners, part owners, and managers	14,324	33.4	83.9	84.6	85.4	398	2,813,012	9.60	2.41	2,771	5.0	92.8	92.7	92.7	4,035	252,420	5.70
Cash tenants	10	9.3	0.1	(Z)	(Z)	600	725	9.06	1.51	...	...	...	...	...	...	...	...
All share tenants	1,077	30.4	6.3	6.6	6.2	424	217,282	10.15	2.40	100	2.3	3.3	3.7	3.3	4,439	11,400	7.15
Croppers	1,310	47.5	7.7	6.9	6.4	434	229,040	10.40	2.40	85	2.6	2.8	2.4	2.6	3,796	6,090	4.97
Other tenants	350	37.5	2.1	1.9	1.9	399	60,370	9.42	2.36	30	3.8	1.0	1.3	1.4	3,767	3,505	5.43
Areas 6, A, and B	27,145	17.3	100.0	100.0	100.0	632	6,451,376	16.67	2.64	4,939	4.9	100.0	100.0	100.0	3,595	594,201	5.42
Owners, part owners, and managers	18,301	16.6	67.4	67.6	72.8	587	4,339,305	15.41	2.62	3,926	5.3	79.5	81.2	82.3	3,549	459,146	5.09
Cash tenants	115	20.1	0.4	0.3	0.5	429	27,750	13.94	3.25	15	2.9	0.3	0.3	0.3	3,614	1,370	4.81
All share tenants	4,783	17.8	17.6	19.6	17.6	704	1,278,902	18.79	2.67	723	4.1	14.6	14.7	14.2	3,721	111,205	7.12
Croppers	3,215	26.2	11.8	9.7	6.3	980	624,690	25.76	2.63	190	2.2	3.8	2.3	1.9	4,338	12,585	6.08
Other tenants	731	20.8	2.7	2.8	2.9	609	180,729	16.24	2.67	85	2.7	1.7	1.5	1.3	4,007	9,895	6.75
Area 7	8,603	16.5	100.0	100.0	100.0	685	2,621,182	18.88	2.76	1,419	4.2	100.0	100.0	100.0	3,772	187,247	5.30
Owners, part owners, and managers	4,872	15.3	56.6	59.3	70.6	575	1,573,122	16.04	2.79	1,126	4.5	79.4	81.8	81.1	3,805	156,457	5.46
Cash tenants	46	22.6	0.5	0.7	2.1	220	17,875	6.28	2.86	6	2.2	0.4	0.6	0.8	2,727	1,015	3.69
All share tenants	2,102	19.3	24.4	25.9	18.8	945	657,420	25.25	2.67	191	3.3	13.5	12.4	12.6	3,710	20,770	4.66
Croppers	1,245	31.0	14.5	10.9	6.5	1,147	284,880	31.67	2.76	55	2.8	3.9	2.2	2.3	3,714	4,070	5.06
Other tenants	338	12.3	3.9	3.3	2.1	1,094	87,885	30.61	2.80	41	4.9	2.9	3.0	3.2	3,480	4,935	4.35
Areas 8 and C	11,664	20.0	100.0	100.0	100.0	562	1,661,882	13.74	2.45	1,984	5.1	100.0	100.0	100.0	3,570	161,568	5.26
Owners, part owners, and managers	10,313	20.1	88.4	89.0	90.0	555	1,466,988	13.47	2.43	1,872	5.4	94.4	95.9	95.9	3,572	154,924	5.26
Cash tenants	51	6.8	0.4	0.1	0.1	652	2,190	16.22	2.49	6	5.3	0.3	0.3	0.3	3,038	482	4.63
All share tenants	789	18.8	6.8	6.9	5.8	672	121,875	17.46	2.60	66	1.8	3.3	1.7	2.2	2,746	3,047	4.58
Croppers	350	24.4	3.0	3.0	3.2	528	53,730	13.72	2.60	30	2.9	1.5	2.0	1.5	4,774	2,890	6.22
Other tenants	161	14.6	1.4	0.9	0.8	606	17,099	16.65	2.75	10	0.6	0.5	0.1	0.1	3,250	225	5.62
Area 9	1,666	14.9	100.0	100.0	100.0	435	157,848	10.02	2.30	529	9.3	100.0	100.0	100.0	2,975	49,311	5.01
Owners, part owners, and managers	1,492	15.5	89.6	88.9	90.2	429	142,033	10.00	2.33	502	9.7	94.9	90.6	90.8	2,968	44,046	4.92
Cash tenants	21	4.4	1.3	0.4	0.4	348	555	8.04	2.31	1	0.1	0.2	(Z)	(Z)	5,000	25	12.50
All share tenants	82	9.1	4.9	6.0	5.2	501	8,315	10.15	2.03	15	3.8	2.8	4.3	3.5	3,652	2,380	6.90
Croppers	40	20.4	2.4	3.0	2.1	621	4,475	13.36	2.15	...	...	...	...	...	...	...	...
Other tenants	31	16.4	1.9	1.7	2.1	357	2,470	7.60	2.13	11	28.0	2.1	5.1	5.6	2,667	2,860	5.15
Louisiana, total	52,279	47.1	100.0	100.0	100.0	232	17,369,653	7.63	3.29	1,845	1.6	100.0	100.0	100.0	1,904	401,836	5.26
Owners, part owners, and managers	26,129	41.7	50.0	68.0	66.2	238	11,717,010	7.78	3.26	1,640	1.9	88.9	92.1	90.2	1,945	367,473	5.33
Cash tenants	1,811	50.2	3.5	3.2	3.1	239	602,753	8.56	3.58	37	0.7	2.0	0.9	1.2	1,398	4,790	5.15
All share tenants	13,135	62.5	25.1	18.8	21.1	207	3,330,691	6.92	3.35	92	0.5	5.0	3.3	4.8	1,319	14,868	4.05
Croppers	9,859	79.9	18.9	8.2	7.9	243	1,428,957	7.96	3.28	40	0.8	2.2	1.7	2.2	1,499	6,275	3.70
Other tenants	1,345	47.0	2.6	1.8	1.7	240	290,242	7.53	3.13	36	1.5	2.0	1.9	1.6	2,301	8,430	6.85

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
Louisiana—Continued																	
Areas 1 and A	4,923	43.4	100.0	100.0	100.0	214	1,832,176	8.36	3.92	101	0.9	100.0	100.0	100.0	2,265	22,900	5.14
Owners, part owners, and managers	2,094	37.7	42.5	71.9	69.6	221	1,284,710	8.43	3.82	90	1.0	89.1	92.4	89.9	2,327	20,365	5.08
Cash tenants	202	42.6	4.1	4.1	4.5	193	89,011	9.03	4.67	...	...	...	...	...	...	...	...
All share tenants	608	60.2	12.4	8.4	9.7	186	172,900	8.15	4.38	5	0.9	5.0	7.3	7.3	2,277	2,350	7.23
Croppers	1,930	92.0	39.2	14.5	15.1	206	270,290	8.18	3.97	5	0.1	5.0	0.1	0.9	250	50	1.25
Other tenants	89	36.8	1.8	1.0	1.1	192	15,265	6.12	3.18	1	1.3	1.0	0.2	1.9	235	135	1.59
Area 2	14,309	45.7	100.0	100.0	100.0	245	3,680,256	8.07	3.30	369	2.1	100.0	100.0	100.0	1,703	95,306	4.56
Owners, part owners, and managers	5,578	38.6	39.0	61.6	62.1	243	2,262,876	8.00	3.29	314	2.6	85.1	91.1	89.6	1,731	86,571	4.62
Cash tenants	231	46.7	1.6	2.7	2.2	296	96,564	9.56	3.24	5	0.6	1.4	0.1	0.6	400	185	1.48
All share tenants	2,967	58.3	20.7	15.4	15.5	244	576,806	8.17	3.35	15	0.4	4.1	2.4	2.5	1,619	2,375	4.52
Croppers	5,301	79.6	37.0	19.0	19.1	245	699,580	8.05	3.29	30	1.0	8.1	4.1	5.4	1,304	4,175	3.73
Other tenants	232	40.6	1.6	1.2	1.2	247	44,430	8.22	3.33	5	3.0	1.4	2.2	1.9	2,000	2,000	5.00
Area 3	13,251	54.7	100.0	100.0	100.0	243	2,581,585	7.52	3.09	157	0.7	100.0	100.0	100.0	2,172	29,787	6.53
Owners, part owners, and managers	5,343	45.9	40.3	52.6	50.9	252	1,360,300	7.78	3.09	115	0.9	73.2	80.8	75.6	2,322	23,782	6.90
Cash tenants	434	60.8	3.3	2.9	3.2	223	97,086	8.93	4.01	1	0.3	0.6	0.8	1.1	1,600	250	5.00
All share tenants	5,658	68.1	42.7	34.7	36.3	233	874,730	7.02	3.02	41	0.6	26.1	18.4	23.3	1,714	5,755	5.41
Croppers	1,497	77.4	11.3	7.4	7.3	249	191,284	7.68	3.09	...	...	...	...	...	...	...	...
Other tenants	319	58.8	2.4	2.4	2.4	247	58,185	7.05	2.86	...	...	...	...	...	...	...	...
Area 4	3,458	46.6	100.0	100.0	100.0	292	1,031,471	8.21	2.81	228	3.3	100.0	100.0	100.0	1,909	46,093	5.14
Owners, part owners, and managers	2,290	42.9	66.2	74.8	74.9	291	779,879	8.28	2.84	208	3.6	91.2	87.3	89.1	1,871	39,703	4.97
Cash tenants	202	36.9	5.8	3.9	4.1	278	36,837	7.12	2.57	...	...	...	...	...	...	...	...
All share tenants	306	67.7	8.8	6.6	7.2	268	66,590	7.36	2.74	5	0.7	2.2	0.6	1.1	1,000	340	3.40
Croppers	530	86.1	15.3	12.2	11.3	313	121,910	8.56	2.74	5	3.2	2.2	6.3	6.0	2,000	2,050	3.83
Other tenants	130	48.5	3.8	2.5	2.4	296	26,255	8.57	2.89	10	5.5	4.4	5.8	3.8	2,899	4,000	11.59
Areas 5 and B	5,854	36.5	100.0	100.0	100.0	414	1,538,032	9.91	2.39	751	6.4	100.0	100.0	100.0	2,013	157,143	5.76
Owners, part owners, and managers	4,559	33.9	77.9	85.2	83.6	422	1,295,151	9.98	2.36	711	6.7	94.7	97.4	94.4	2,076	152,413	5.92
Cash tenants	427	51.0	7.3	5.6	5.1	457	97,701	12.43	2.72	25	3.9	3.3	1.5	2.2	1,429	3,185	5.35
All share tenants	315	77.4	5.4	2.7	4.0	279	43,815	6.99	2.50	5	9.3	0.7	0.4	2.8	267	750	1.00
Croppers	256	72.4	4.4	3.9	4.4	363	61,325	8.91	2.46	...	...	...	...	...	...	...	...
Other tenants	297	50.0	5.1	2.6	2.8	381	40,040	9.09	2.38	10	2.0	1.3	0.7	0.6	2,286	795	4.54
Area 6	3,948	57.5	100.0	100.0	100.0	181	2,577,175	7.30	4.03	54	0.3	100.0	100.0	100.0	1,383	7,779	3.99
Owners, part owners, and managers	2,336	55.3	59.2	73.9	73.3	182	1,912,681	7.39	4.05	39	0.4	72.2	90.7	93.1	1,348	7,109	3.92
Cash tenants	230	61.1	5.8	5.7	6.3	164	154,998	7.00	4.26	5	0.1	9.3	3.7	2.6	2,000	270	5.40
All share tenants	1,171	67.2	29.7	16.8	16.7	182	417,666	7.07	3.88	5	0.1	9.3	3.7	3.1	1,667	300	5.00
Croppers	89	63.6	2.3	1.6	1.8	164	40,211	6.47	3.95	...	...	...	...	...	...	...	...
Other tenants	122	59.7	3.1	2.0	1.9	183	51,619	7.53	4.11	5	0.2	9.3	1.9	1.3	2,000	100	4.00
Area 7	5,166	46.6	100.0	100.0	100.0	185	3,654,518	6.46	3.49	85	0.4	100.0	100.0	100.0	1,818	22,111	5.16
Owners, part owners, and managers	2,894	41.6	56.0	65.2	64.2	188	2,398,822	6.60	3.51	69	0.4	81.2	86.8	80.3	1,967	19,113	5.56
Cash tenants	38	48.6	0.7	0.6	0.7	180	25,401	6.76	3.76	...	...	...	...	...	...	...	...
All share tenants	1,958	60.3	37.9	31.8	32.8	180	1,147,107	6.18	3.44	16	0.3	18.8	13.2	19.7	1,212	2,998	3.55
Croppers	175	68.4	3.4	1.0	1.0	190	35,030	6.16	3.25	...	...	...	...	...	...	...	...
Other tenants	101	44.0	2.0	1.3	1.3	183	48,158	6.58	3.60	...	...	...	...	...	...	...	...
Area 8	1,370	33.3	100:0	100.0	100.0	287	474,440	8.09	2.82	100	2.3	100.0	100.0	100.0	1,842	20,717	5.11
Owners, part owners, and managers	1,035	33.4	75.5	90.0	85.9	301	422,591	8.39	2.79	94	2.5	94.0	89.5	92.3	1,786	18,417	4.92
Cash tenants	47	16.4	3.4	1.1	1.2	281	5,155	7.55	2.68	1	2.6	1.0	2.9	2.7	2,000	900	8.18
All share tenants	152	37.6	11.1	5.7	8.7	187	31,077	6.08	3.24	...	...	...	...	...	...	...	...
Croppers	81	52.2	5.9	1.8	3.0	174	9,327	5.35	3.07	...	...	...	...	...	...	...	...
Other tenants	55	15.7	4.0	1.4	1.2	319	6,290	8.74	2.73	5	4.4	5.0	7.5	4.9	2,800	1,400	7.00
Maine, total	8,145	23.0	100.0	100.0	100.0	1,403	10,053,934	42.35	3.02	3,035	5.1	100.0	100.0	100.0	1,422	222,474	4.24
Owners, part owners, and managers	7,965	22.9	97.8	97.5	98.3	1,392	9,797,329	41.97	3.02	3,020	5.1	99.5	99.7	99.5	1,424	221,704	4.25
Cash tenants	50	49.6	0.6	0.7	0.4	2,337	59,395	60.30	2.58	5	2.5	0.2	0.1	0.1	2,000	230	4.60
All share tenants	20	43.4	0.2	0.3	0.2	1,986	24,380	56.70	2.85	5	15.2	0.2	0.1	0.3	667	450	3.00
Other tenants	110	36.2	1.4	1.5	1.1	1,963	172,830	67.38	3.43	5	0.7	0.2	0.1	0.1	1,000	90	1.80
Area 1	3,323	40.9	100.0	100.0	100.0	1,782	8,219,081	54.34	3.05	1,093	7.8	100.0	100.0	100.0	851	81,438	2.82
Owners, part owners, and managers	3,203	40.7	96.4	97.2	97.7	1,771	7,977,256	53.95	3.05	1,088	7.9	99.5	99.6	99.5	852	80,988	2.82
Cash tenants	40	78.6	1.2	0.8	0.6	2,457	57,775	62.80	2.56	...	...	...	...	...	...	...	...
All share tenants	15	58.6	0.5	0.3	0.3	2,000	24,280	57.13	2.86	5	20.7	0.5	0.4	0.5	667	450	3.00
Other tenants	65	49.4	2.0	1.7	1.4	2,206	159,770	77.37	3.51	...	...	...	...	...	...	...	...
Area 2	2,229	17.0	100.0	100.0	100.0	822	1,074,022	23.96	2.92	959	4.5	100.0	100.0	100.0	1,979	74,745	6.23
Owners, part owners, and managers	2,209	16.9	99.1	99.5	99.5	821	1,068,197	23.96	2.92	954	4.5	99.5	99.6	99.6	1,979	74,515	6.24
Cash tenants	10	15.7	0.4	0.1	0.1	646	1,620	24.92	3.86	5	12.0	0.5	0.4	0.4	2,000	230	4.60
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	34.0	0.4	0.4	0.4	914	4,205	24.03	2.63	...	...	...	...	...	...	...	...
Area 3	1,038	7.3	100.0	100.0	100.0	750	232,603	20.66	2.76	309	2.0	100.0	100.0	100.0	2,056	17,293	5.72
Owners, part owners, and managers	1,023	7.3	98.6	97.4	98.9	738	226,063	20.30	2.75	309	2.0	100.0	100.0	100.0	2,056	17,293	5.72
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	15	9.9	1.4	2.6	1.1	1,833	6,540	54.50	2.97	...	...	...	...	...	...	...	...

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Maine—Continued																	
Areas 4 and A	1,555	12.4	100.0	100.0	100.0	609	528,228	17.58	2.89	674	3.5	100.0	100.0	100.0	2,353	48,998	5.77
Owners, part owners, and managers	1,530	12.4	98.4	99.4	99.3	610	525,813	17.62	2.89	669	3.5	99.3	99.7	99.4	2,361	48,908	5.79
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	5	33.3	0.3	(Z)	(Z)	800	100	20.00	2.50	...	...	...	...	...	...	...	...
Other tenants	20	17.4	1.3	0.5	0.7	488	2,315	11.29	2.32	5	4.2	0.7	0.3	0.6	1,000	90	1.80
Maryland, total	19,537	54.8	100.0	100.0	100.0	445	12,371,019	10.81	2.43	8,044	10.6	100.0	100.0	100.0	1,887	1,770,701	8.01
Owners, part owners, and managers	15,378	54.0	78.7	79.2	77.2	456	9,776,090	11.07	2.43	6,705	10.9	83.4	81.2	80.9	1,893	1,449,796	8.10
Cash tenants	646	53.9	3.3	4.1	3.6	500	487,370	11.79	2.36	231	11.6	2.9	3.6	4.0	1,665	57,640	6.46
All share tenants	2,318	59.8	11.9	12.9	15.4	370	1,588,832	8.99	2.43	877	9.4	10.9	13.0	12.5	1,958	215,125	7.76
Croppers	855	52.8	4.4	2.5	2.1	522	339,257	14.07	2.69	146	5.9	1.8	0.9	1.2	1,332	23,530	8.68
Other tenants	340	55.0	1.7	1.4	1.6	397	179,470	9.74	2.45	85	8.4	1.1	1.3	1.3	1,996	24,610	8.74
Area 1	946	30.8	100.0	100.0	100.0	359	236,132	8.93	2.49	469	8.6	100.0	100.0	100.0	3,130	61,703	8.34
Owners, part owners, and managers	900	30.4	95.1	95.7	95.1	361	224,897	8.94	2.48	444	8.7	94.7	93.1	96.9	3,008	59,388	8.29
Cash tenants	15	43.1	1.6	1.6	1.6	357	4,675	11.13	3.12	10	7.2	2.1	1.1	0.9	3,714	740	10.57
All share tenants	20	44.9	2.1	1.8	2.3	279	3,725	6.26	2.24	15	12.1	3.2	5.7	2.2	8,312	1,575	9.84
Croppers	6	42.1	0.6	0.5	0.6	293	1,755	10.70	3.66	...	...	...	...	...	...	...	...
Other tenants	5	27.7	0.5	0.5	0.4	383	1,080	9.39	2.45	...	...	...	...	...	...	...	...
Area 2	5,882	52.9	100.0	100.0	100.0	373	2,917,754	8.54	2.29	2,600	9.9	100.0	100.0	100.0	2,212	527,336	8.21
Owners, part owners, and managers	4,877	53.1	82.9	83.5	81.4	382	2,437,884	8.76	2.29	2,230	10.6	85.8	85.5	86.4	2,190	453,931	8.19
Cash tenants	470	50.4	8.0	7.4	8.1	342	226,350	8.22	2.40	160	7.3	6.2	6.2	6.2	2,215	33,630	8.41
All share tenants	410	55.7	7.0	7.3	8.7	315	204,020	6.88	2.19	175	7.6	6.7	7.3	6.3	2,566	33,080	8.21
Croppers	55	43.3	0.9	1.0	1.0	386	25,955	7.68	1.99	15	3.1	0.6	0.2	0.4	1,265	1,695	6.92
Other tenants	70	44.7	1.2	0.8	0.8	351	23,545	8.19	2.34	20	7.3	0.8	0.8	0.7	2,319	5,000	10.64
Areas A and B	3,846	43.5	100.0	100.0	100.0	515	1,987,940	12.58	2.44	1,615	12.0	100.0	100.0	100.0	1,701	310,970	7.11
Owners, part owners, and managers	3,016	43.9	78.4	83.2	83.4	514	1,655,555	12.56	2.45	1,370	13.2	84.8	91.3	90.2	1,721	275,395	6.98
Cash tenants	85	58.4	2.2	3.5	3.8	471	64,310	10.62	2.26	20	3.8	1.2	0.6	0.9	1,231	1,830	4.69
All share tenants	345	35.3	9.0	7.0	7.0	520	139,605	12.70	2.44	125	7.3	7.7	4.9	5.2	1,576	18,540	8.10
Croppers	285	36.1	7.4	3.9	3.0	660	81,750	17.19	2.60	70	6.8	4.3	1.8	2.1	1,467	9,820	10.91
Other tenants	115	50.0	3.0	2.4	2.8	432	46,720	10.51	2.43	30	7.7	1.9	1.4	1.6	1,533	5,385	7.86
Area 3	2,900	44.3	100.0	100.0	100.0	572	1,076,708	14.50	2.53	650	6.0	100.0	100.0	100.0	1,854	99,375	9.91
Owners, part owners, and managers	1,874	43.3	64.6	70.7	67.8	597	761,633	15.13	2.54	535	7.1	82.3	84.1	81.8	1,904	84,270	10.27
Cash tenants	5	51.2	0.2	0.2	0.3	312	1,900	9.27	2.97	...	...	...	...	...	...	...	...
All share tenants	540	46.2	18.6	18.6	22.0	484	203,635	12.47	2.58	90	3.5	13.8	12.6	12.5	1,880	10,495	8.40
Croppers	421	53.9	14.5	9.5	8.6	637	97,830	15.40	2.42	25	4.8	3.8	3.3	5.7	1,070	4,610	8.09
Other tenants	60	28.0	2.1	1.0	1.4	413	11,710	11.26	2.72	...	...	...	...	...	...	...	...
Area 4a	3,241	64.2	100.0	100.0	100.0	415	3,469,569	10.24	2.47	1,536	10.9	100.0	100.0	100.0	1,877	480,182	8.37
Owners, part owners, and managers	2,257	63.6	69.6	71.7	66.6	448	2,462,484	10.92	2.44	1,089	10.5	70.9	65.3	65.1	1,883	331,782	8.89
Cash tenants	35	68.9	1.1	1.1	0.9	505	47,505	16.05	3.18	25	41.6	1.6	2.4	3.1	1,473	9,520	5.33
All share tenants	813	65.5	25.1	23.9	28.9	344	811,428	8.29	2.41	367	10.9	23.9	28.8	28.4	1,898	121,950	7.47
Croppers	71	71.4	2.2	1.7	1.9	380	94,577	14.69	3.87	30	7.5	2.0	1.0	1.2	1,556	6,305	9.34
Other tenants	65	54.5	2.0	1.6	1.7	373	53,575	9.09	2.44	25	11.7	1.6	2.5	2.2	2,166	10,625	8.40
Area 4b	2,722	68.9	100.0	100.0	100.0	523	2,682,916	13.10	2.50	1,174	12.9	100.0	100.0	100.0	1,337	291,135	7.60
Owners, part owners, and managers	2,454	66.5	90.2	82.6	84.2	513	2,233,637	12.95	2.52	1,037	12.1	88.3	81.8	81.6	1,340	245,030	7.83
Cash tenants	36	68.9	1.3	6.2	2.0	1,606	142,630	34.30	2.14	16	44.3	1.4	5.1	7.0	980	11,920	4.46
All share tenants	190	84.6	7.0	8.1	10.3	409	226,419	10.69	2.61	105	14.6	8.9	11.0	9.6	1,544	29,485	8.05
Croppers	17	87.2	0.6	1.5	1.5	534	37,390	12.35	2.31	6	9.2	0.5	0.6	0.8	1,000	1,100	3.44
Other tenants	25	124.5	0.9	1.6	2.0	423	42,840	10.55	2.50	10	12.1	0.9	1.4	1.0	1,873	3,600	9.11
Massachusetts, total	6,097	32.1	100.0	100.0	100.0	697	3,197,274	21.43	3.07	2,350	6.2	100.0	100.0	100.0	2,334	248,132	8.65
Owners, part owners, and managers	5,937	31.9	97.4	97.5	96.7	703	3,123,394	21.64	3.08	2,295	6.2	97.7	98.2	97.8	2,344	243,557	8.67
Cash tenants	80	28.4	1.3	0.9	1.6	376	25,475	10.44	2.78	35	4.2	1.5	0.8	1.3	1,534	1,655	4.53
All share tenants	25	83.7	0.4	0.9	0.9	685	27,110	20.31	2.97	10	11.0	0.4	0.7	0.6	2,743	2,020	11.54
Other tenants	55	48.3	0.9	0.8	0.7	715	21,295	19.27	2.70	10	3.7	0.4	0.2	0.3	1,765	900	10.59
Area 1	978	22.3	100.0	100.0	100.0	807	593,335	25.10	3.11	328	3.6	100.0	100.0	100.0	2,661	22,468	5.96
Owners, part owners, and managers	958	22.3	98.0	99.2	98.5	813	588,705	25.28	3.11	328	3.6	100.0	100.0	100.0	2,661	22,468	5.96
Cash tenants	20	25.8	2.0	0.8	1.5	423	4,630	13.23	3.13	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area A	1,376	43.1	100.0	100.0	100.0	1,016	1,244,829	34.47	3.39	562	9.3	100.0	100.0	100.0	2,311	69,535	8.92
Owners, part owners, and managers	1,336	42.3	97.1	97.1	95.8	1,030	1,213,514	35.08	3.41	542	9.2	96.4	96.6	97.0	2,303	66,795	8.84
Cash tenants	10	44.1	0.7	0.3	0.8	333	3,125	10.42	3.13	5	1.5	0.9	0.2	0.1	3,000	120	12.00
All share tenants	15	90.9	1.1	2.0	3.0	685	21,230	19.39	2.83	10	14.5	1.8	2.7	2.2	2,743	2,020	11.54
Other tenants	15	100.0	1.1	0.5	0.3	1,667	6,960	58.00	3.48	5	41.7	0.9	0.6	0.6	2,000	600	12.00
Area B	943	27.0	100.0	100.0	100.0	462	373,830	12.90	2.80	460	4.6	100.0	100.0	100.0	2,690	54,601	11.10
Owners, part owners, and managers	933	27.3	98.9	99.5	99.3	462	370,980	12.89	2.79	455	4.7	98.9	99.0	99.6	2,674	53,951	11.02
Cash tenants	5	7.5	0.5	0.4	0.4	400	2,250	18.00	4.50	5	1.2	1.1	1.0	0.4	6,500	650	32.50
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	5	24.1	0.5	0.1	0.2	286	600	8.57	3.00	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
Massachusetts—Continued																	
Area C	1,538	34.4	100.0	100.0	100.0	611	577,730	17.49	2.86	577	7.3	100.0	100.0	100.0	1,800	57,107	8.10
Owners, part owners, and managers	1,473	34.5	95.8	95.2	95.6	609	550,865	17.45	2.87	557	7.3	96.5	97.1	95.3	1,833	56,242	8.37
Cash tenants	30	19.5	2.0	1.5	1.6	582	8,325	16.17	2.78	15	11.2	2.6	2.5	4.2	1,085	565	1.92
All share tenants	10	61.5	0.7	0.8	0.7	683	5,880	24.50	3.59	...	...	...	...	...	...	...	...
Other tenants	25	50.0	1.6	2.5	2.1	704	12,660	17.83	2.53	5	2.5	0.9	0.4	0.5	1,429	300	8.57
Areas 2, D, and E	1,262	37.8	100.0	100.0	100.0	536	407,550	14.86	2.77	423	7.1	100.0	100.0	100.0	2,521	44,421	8.59
Owners, part owners, and managers	1,237	37.4	98.0	97.3	95.1	549	399,330	15.31	2.79	413	7.3	97.6	99.4	99.2	2,525	44,101	8.60
Cash tenants	15	50.9	1.2	2.2	4.2	278	7,145	6.21	2.23	10	1.8	2.4	0.6	0.8	2,000	320	8.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	45.1	0.8	0.5	0.7	341	1,075	5.24	1.54	...	...	...	...	...	...	...	...
Michigan, total	81,041	44.4	100.0	100.0	100.0	250	31,163,156	7.26	2.90	12,078	2.2	100.0	100.0	100.0	3,943	1,437,722	6.85
Owners, part owners, and managers	73,246	43.6	90.4	88.7	87.4	254	27,705,632	7.38	2.91	11,131	2.2	92.2	90.1	90.9	3,908	1,302,058	6.82
Cash tenants	1,134	48.4	1.4	1.5	1.4	266	453,871	7.57	2.85	110	1.4	0.9	0.8	0.9	3,772	11,455	6.38
All share tenants	5,879	52.0	7.3	9.0	10.3	218	2,747,077	6.19	2.84	751	1.9	6.2	8.5	7.7	4,381	114,755	7.12
Other tenants	782	40.6	1.0	0.8	0.9	246	256,576	6.96	2.83	86	1.3	0.7	0.5	0.5	3,902	9,454	8.29
Area 1	912	10.5	100.0	100.0	100.0	343	153,075	9.34	2.73	352	2.6	100.0	100.0	100.0	4,874	24,870	6.10
Owners, part owners, and managers	866	9.9	95.0	93.6	91.1	352	143,583	9.61	2.73	342	2.7	97.2	96.0	98.2	4,765	24,220	6.06
Cash tenants	35	28.4	3.8	4.7	7.3	220	6,890	5.74	2.61	5	1.4	1.4	3.0	1.5	10,000	375	6.25
All share tenants	6	21.9	0.7	1.4	1.2	396	2,092	10.90	2.75	...	...	...	...	...	...	...	...
Other tenants	5	9.4	0.5	0.4	0.4	333	510	8.50	2.55	5	2.4	1.4	1.0	0.4	13,333	275	18.33
Area 2	1,722	15.9	100.0	100.0	100.0	270	365,417	7.57	2.80	113	0.5	100.0	100.0	100.0	2,422	5,892	4.04
Owners, part owners, and managers	1,702	16.1	98.8	99.3	99.4	270	363,077	7.57	2.80	113	0.5	100.0	100.0	100.0	2,422	5,892	4.04
Cash tenants	10	5.3	0.6	0.3	0.3	267	1,215	8.10	3.04	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	8.0	0.6	0.4	0.3	329	1,125	8.04	2.46	...	...	...	...	...	...	...	...
Area 3	3,165	30.1	100.0	100.0	100.0	281	998,618	9.57	3.40	620	2.5	100.0	100.0	100.0	3,827	57,200	6.51
Owners, part owners, and managers	3,079	30.2	97.3	97.6	97.0	283	974,313	9.63	3.40	605	2.6	97.6	97.5	97.4	3,831	55,850	6.53
Cash tenants	11	31.2	0.3	0.5	0.7	211	4,165	5.95	2.81	5	6.7	0.8	1.8	1.7	4,000	735	4.90
All share tenants	70	28.6	2.2	1.9	2.3	228	19,960	8.28	3.63	10	0.9	1.6	0.7	0.9	3,125	615	7.69
Other tenants	5	5.6	0.2	(Z)	0.1	123	180	2.77	2.25	...	...	...	...	...	...	...	...
Area 4a	4,576	22.2	100.0	100.0	100.0	284	1,255,456	8.47	2.98	1,171	2.6	100.0	100.0	100.0	3,480	96,264	5.46
Owners, part owners, and managers	4,384	22.0	95.8	96.2	95.1	287	1,203,821	8.54	2.97	1,125	2.7	96.1	97.3	96.8	3,498	90,979	5.33
Cash tenants	55	29.0	1.2	1.0	1.2	239	14,770	8.25	3.45	10	2.3	0.9	0.7	0.8	2,857	950	6.79
All share tenants	92	27.5	2.0	2.2	2.9	210	28,665	6.60	3.14	31	2.4	2.6	1.9	2.1	3,094	4,210	11.29
Other tenants	45	25.5	1.0	0.6	0.7	244	8,200	7.70	3.15	5	1.2	0.4	0.2	0.3	2,000	125	2.50
Area 4b	3,396	20.7	100.0	100.0	100.0	241	717,916	6.57	2.73	351	1.1	100.0	100.0	100.0	3,547	38,687	6.41
Owners, part owners, and managers	3,213	20.5	94.6	94.2	93.2	244	679,719	6.68	2.74	335	1.1	95.4	92.1	92.3	3,540	36,393	6.54
Cash tenants	37	19.1	1.1	0.9	1.0	209	6,121	5.61	2.68	...	...	...	...	...	...	...	...
All share tenants	115	27.1	3.4	4.4	5.3	199	28,085	4.87	2.45	10	1.9	2.8	6.7	6.6	3,600	1,985	4.96
Other tenants	31	21.3	0.9	0.6	0.6	266	3,991	6.56	2.46	6	2.3	1.7	1.2	1.1	3,815	309	4.75
Areas 5a and A	10,189	53.5	100.0	100.0	100.0	248	4,093,703	6.92	2.79	635	0.9	100.0	100.0	100.0	3,076	61,900	6.07
Owners, part owners, and managers	9,112	53.2	89.4	88.8	87.2	252	3,630,543	7.04	2.79	580	0.9	91.3	91.5	87.8	3,205	54,875	6.12
Cash tenants	95	58.9	0.9	0.7	0.7	260	31,315	7.45	2.87	...	...	...	...	...	...	...	...
All share tenants	887	55.5	8.7	9.3	11.1	208	393,695	6.00	2.88	50	1.0	7.9	7.7	11.6	2,051	6,770	5.71
Other tenants	95	48.2	0.9	1.2	1.0	291	38,150	6.47	2.22	5	0.5	0.8	0.8	0.6	4,000	255	4.25
Area 5b	9,118	58.2	100.0	100.0	100.0	239	4,386,903	6.90	2.89	281	0.4	100.0	100.0	100.0	3,374	28,795	6.96
Owners, part owners, and managers	8,083	57.2	88.6	87.3	86.8	241	3,816,988	6.92	2.88	266	0.4	94.7	94.1	94.4	3,363	26,835	6.86
Cash tenants	85	53.7	0.9	0.6	0.7	228	25,410	6.13	2.69	5	1.2	1.8	0.1	2.2	222	50	0.56
All share tenants	865	67.7	9.5	11.4	11.8	231	518,060	6.89	2.99	10	0.1	3.6	5.7	3.4	5,714	1,910	13.64
Other tenants	85	48.1	0.9	0.6	0.7	197	26,445	5.56	2.83	...	...	...	...	...	...	...	...
Areas 6a, B, and C	7,248	43.0	100.0	100.0	100.0	272	2,375,115	8.11	2.98	1,610	3.6	100.0	100.0	100.0	3,886	178,280	7.24
Owners, part owners, and managers	6,758	42.9	93.2	92.9	91.9	275	2,202,420	8.18	2.97	1,535	3.8	95.3	95.8	96.2	3,869	170,650	7.20
Cash tenants	105	42.3	1.4	1.4	1.5	257	36,530	8.19	3.18	10	1.6	0.6	0.4	0.7	2,353	865	5.09
All share tenants	275	47.3	3.8	4.5	5.4	229	105,190	6.71	2.93	40	1.5	2.5	2.6	2.0	5,111	3,930	7.94
Other tenants	110	36.7	1.5	1.2	1.2	261	30,975	8.50	3.26	25	2.6	1.6	1.1	1.1	4,077	2,835	10.90
Area 6b	4,817	55.2	100.0	100.0	100.0	336	2,220,300	10.88	3.24	1,103	4.5	100.0	100.0	100.0	3,969	131,454	7.83
Owners, part owners, and managers	4,557	55.5	94.6	94.2	92.1	343	2,096,615	11.16	3.25	1,018	4.6	92.3	93.5	93.4	3,974	123,274	7.87
Cash tenants	40	56.1	0.8	0.9	0.7	452	18,050	13.52	2.99	15	6.9	1.4	1.3	1.0	5,152	1,035	6.27
All share tenants	185	52.6	3.8	4.3	6.7	215	90,955	6.68	3.10	65	3.1	5.9	4.2	4.8	3,420	6,270	7.74
Other tenants	35	46.5	0.7	0.6	0.6	378	14,680	12.66	3.35	5	5.4	0.5	1.1	0.8	5,185	875	6.48

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Michigan—Continued																	
Areas 7, D, and E	14,540	46.9	100.0	100.0	100.0	227	5,558,842	6.50	2.87	2,088	2.0	100.0	100.0	100.0	3,420	271,941	7.32
Owners, part owners, and managers	12,899	46.6	88.7	86.8	86.3	228	4,871,997	6.60	2.89	1,883	2.1	90.2	88.7	89.4	3,390	242,081	7.28
Cash tenants	170	44.2	1.2	1.1	1.0	254	62,185	7.33	2.89	20	1.6	1.0	1.3	0.8	5,377	3,065	10.05
All share tenants	1,321	50.2	9.1	11.1	11.6	216	570,880	5.74	2.66	175	1.7	8.4	9.6	9.3	3,543	25,050	7.25
Other tenants	150	43.8	1.0	1.0	1.0	217	53,780	6.09	2.81	10	0.8	0.5	0.4	0.4	3,375	1,745	10.91
Areas 8 and F	9,013	51.7	100.0	100.0	100.0	260	3,672,509	7.13	2.74	768	2.0	100.0	100.0	100.0	2,440	119,150	5.89
Owners, part owners, and managers	7,974	51.4	88.5	86.0	85.7	261	3,170,169	7.18	2.75	703	2.2	91.5	90.0	91.7	2,395	111,200	6.00
Cash tenants	386	57.9	4.3	5.7	5.2	282	210,530	7.80	2.76	25	1.2	3.3	3.2	2.8	2,796	3,230	5.72
All share tenants	557	53.6	6.2	7.4	8.2	236	255,415	6.06	2.57	40	1.4	5.2	6.8	5.5	3,004	4,720	4.23
Other tenants	96	38.8	1.1	0.9	0.8	289	36,395	8.36	2.90	...	...	...	...	...	...	...	...
Area 9a	6,122	53.4	100.0	100.0	100.0	350	2,523,770	6.52	2.79	870	2.0	100.0	100.0	100.0	4,334	97,425	6.64
Owners, part owners, and managers	5,201	53.1	85.0	82.8	82.2	235	2,088,890	6.57	2.79	770	2.2	88.5	87.6	89.0	4,271	85,170	6.53
Cash tenants	90	64.3	1.5	1.1	1.1	217	27,450	6.18	2.85	10	1.9	1.1	1.0	0.9	4,692	985	7.58
All share tenants	761	54.2	12.4	15.2	15.8	225	383,135	6.28	2.79	80	1.3	9.2	11.3	9.7	5,070	11,160	7.86
Other tenants	70	53.0	1.1	0.9	0.9	229	24,295	6.79	2.96	10	1.0	1.1	0.1	0.5	571	110	1.57
Areas 9b and G	6,223	43.8	100.0	100.0	100.0	240	2,841,532	7.35	3.06	2,116	5.0	100.0	100.0	100.0	5,438	325,864	7.36
Owners, part owners, and managers	5,418	43.7	87.1	86.7	84.0	248	2,463,497	7.58	3.06	1,856	5.0	87.7	84.3	84.2	5,442	274,639	7.37
Cash tenants	15	46.6	0.2	0.3	0.3	320	9,240	9.24	2.89	5	0.9	0.2	(Z)	(Z)	3,500	165	8.25
All share tenants	745	44.9	12.0	12.3	15.0	198	350,945	6.05	3.06	240	5.1	11.3	15.1	15.0	5,488	48,135	7.25
Other tenants	45	35.4	0.7	0.6	0.7	199	17,850	6.59	3.31	15	4.2	0.7	0.5	0.7	4,062	2,925	9.00
Minnesota, total	72,466	18.8	100.0	100.0	100.0	151	22,975,308	5.54	3.66	11,580	0.9	100.0	100.0	100.0	3,947	960,039	5.07
Owners, part owners, and managers	56,644	19.2	78.2	77.7	77.7	151	17,882,337	5.55	3.67	10,003	0.9	86.4	82.5	83.2	3,911	793,483	5.03
Cash tenants	2,939	16.7	4.1	3.2	3.0	159	720,740	5.73	3.60	390	0.9	3.4	3.5	3.4	4,048	30,005	4.65
All share tenants	12,169	18.1	16.8	18.2	18.4	149	4,171,011	5.46	3.65	1,102	0.7	9.5	13.2	12.6	4,138	129,951	5.45
Other tenants	714	16.4	1.0	0.9	0.9	152	201,220	5.60	3.68	85	0.7	0.7	0.9	0.8	4,162	6,600	4.29
Area 1	8,310	26.4	100.0	100.0	100.0	93	4,066,388	3.66	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Owners, part owners, and managers	7,339	26.6	88.3	88.3	88.2	93	3,594,384	3.67	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Cash tenants	92	25.1	1.1	1.0	0.7	120	40,920	4.93	4.11	...	...	...	...	...	...	...	...
All share tenants	835	24.6	10.0	10.1	10.5	90	407,659	3.50	3.90	...	...	...	...	...	...	...	...
Other tenants	44	22.3	0.5	0.6	0.6	99	23,425	3.60	3.64	...	...	...	...	...	...	...	...
Areas 2 and A	2,606	6.5	100.0	100.0	100.0	175	341,613	5.88	3.36	1,031	1.2	100.0	100.0	100.0	3,203	65,457	5.99
Owners, part owners, and managers	2,540	6.5	97.5	97.6	96.9	177	333,078	5.92	3.35	1,021	1.3	99.0	99.1	99.3	3,198	65,012	5.99
Cash tenants	30	10.7	1.2	0.9	1.4	114	3,390	4.19	3.68	5	0.7	0.5	0.6	0.5	4,000	175	3.50
All share tenants	31	6.0	1.2	1.5	1.6	157	4,915	5.20	3.32	...	...	...	...	...	...	...	...
Other tenants	5	0.5	0.2	(Z)	(Z)	200	230	11.50	5.75	5	0.6	0.5	0.3	0.2	4,000	270	10.80
Area 3	4,891	10.1	100.0	100.0	100.0	126	756,639	4.42	3.52	185	0.1	100.0	100.0	100.0	2,268	14,615	6.12
Owners, part owners, and managers	4,445	10.5	90.9	91.2	91.6	125	687,324	4.39	3.51	170	0.2	91.9	98.0	94.1	2,360	14,055	6.25
Cash tenants	105	6.6	2.1	1.6	1.5	130	11,145	4.31	3.32	5	(Z)	2.7	0.4	0.2	4,000	45	9.00
All share tenants	291	7.6	5.9	6.5	6.2	133	52,705	4.98	3.75	10	0.1	5.4	1.7	5.6	667	515	3.81
Other tenants	50	7.7	1.0	0.7	0.7	133	5,465	4.77	3.60	...	...	...	...	...	...	...	...
Area 4	7,494	19.9	100.0	100.0	100.0	161	1,198,858	5.73	3.55	2,457	2.5	100.0	100.0	100.0	3,349	118,996	4.60
Owners, part owners, and managers	6,992	19.9	93.3	93.3	93.3	161	1,117,836	5.72	3.55	2,392	2.6	97.4	97.1	97.7	3,329	116,196	4.60
Cash tenants	195	16.0	2.6	1.8	2.0	151	23,290	5.68	3.76	25	0.8	1.0	1.2	0.8	5,000	1,575	7.88
All share tenants	237	23.3	3.2	3.1	3.8	135	37,102	4.72	3.51	30	0.8	1.2	1.1	1.1	3,309	805	2.93
Other tenants	70	24.4	0.9	1.7	1.0	284	20,630	10.37	3.64	10	1.4	0.4	0.6	0.4	4,870	420	3.65
Area 5	9,757	12.7	100.0	100.0	100.0	169	3,378,846	6.42	3.79	70	(Z)	100.0	100.0	100.0	2,419	2,550	4.86
Owners, part owners, and managers	6,908	13.8	70.8	74.6	73.3	172	2,529,437	6.56	3.80	45	(Z)	64.3	67.7	63.8	2,567	1,610	4.81
Cash tenants	201	9.0	2.1	1.4	1.4	173	45,435	6.34	3.66	10	0.2	14.3	20.5	24.8	2,000	420	3.23
All share tenants	2,533	10.5	26.0	23.2	24.3	161	773,414	6.04	3.74	15	(Z)	21.4	11.8	11.4	2,500	520	8.67
Other tenants	115	11.4	1.2	0.9	1.0	152	30,560	5.86	3.86	...	...	...	...	...	...	...	...
Areas 6 and B	15,767	18.5	100.0	100.0	100.0	179	4,322,701	6.32	3.52	4,955	2.5	100.0	100.0	100.0	4,153	437,838	4.79
Owners, part owners, and managers	12,839	18.6	81.4	83.1	81.0	184	3,593,601	6.48	3.52	4,074	2.5	82.2	80.6	81.0	4,134	354,058	4.78
Cash tenants	966	15.9	6.1	4.7	5.4	157	200,835	5.44	3.45	240	1.8	4.8	4.6	4.6	4,191	18,000	4.31
All share tenants	1,777	19.6	11.3	11.2	12.5	160	485,680	5.68	3.54	596	2.8	12.0	13.8	13.4	4,255	62,335	5.07
Other tenants	185	14.5	1.2	1.0	1.1	157	42,585	5.66	3.60	45	1.7	0.9	1.0	1.0	4,122	3,445	3.83
Area 7	11,592	22.8	100.0	100.0	100.0	188	4,288,752	6.80	3.63	2,757	2.0	100.0	100.0	100.0	4,155	293,600	5.33
Owners, part owners, and managers	8,552	23.1	73.8	76.7	73.9	194	3,285,112	7.04	3.62	2,196	2.1	79.7	78.7	77.9	4,194	232,409	5.42
Cash tenants	775	18.9	6.7	4.8	5.1	178	202,550	6.35	3.57	105	1.1	3.8	3.1	3.4	3,772	9,790	5.18
All share tenants	2,140	23.0	18.5	17.5	20.0	164	761,995	6.05	3.68	431	1.8	15.6	17.3	17.7	4,062	48,936	5.02
Other tenants	125	23.2	1.1	1.0	1.0	185	39,095	6.04	3.27	25	1.8	0.9	0.9	0.9	4,080	2,465	4.93

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Minnesota—Continued																	
Area 8	12,049	21.2	100.0	100.0	100.0	168	4,621,511	6.08	3.61	91	0.1	100.0	100.0	100.0	3,478	26,489	8.55
Owners, part owners, and managers	7,029	21.4	58.3	59.2	56.7	176	2,741,565	6.36	3.62	71	0.1	78.0	47.8	56.9	2,919	9,649	5.47
Cash tenants	575	20.5	4.8	4.1	4.5	154	193,175	5.70	3.70	...	...	...	...	...	...	...	...
All share tenants	4,325	21.1	35.9	36.0	37.9	160	1,647,541	5.72	3.58	20	0.1	22.0	52.2	43.1	4,217	16,840	12.61
Other tenants	120	19.3	1.0	0.7	0.9	132	39,230	5.57	4.21	...	...	...	...	...	...	...	...
Mississippi, total	138,241	53.9	100.0	100.0	100.0	315	36,872,610	9.21	2.92	4,924	2.6	100.0	100.0	100.0	1,727	900,575	4.69
Owners, part owners, and managers	58,453	46.8	42.3	63.1	62.2	320	22,554,344	9.06	2.83	4,266	3.4	86.6	92.0	92.6	1,715	830,955	4.65
Cash tenants	4,085	49.0	3.0	2.9	3.6	254	1,277,318	8.76	3.45	74	0.7	1.5	1.0	1.1	1,527	9,364	4.48
All share tenants	21,076	65.1	15.2	11.5	11.5	315	4,214,640	9.15	2.90	204	0.9	4.1	3.6	3.4	1,827	31,067	4.76
Croppers	51,456	87.3	37.2	20.5	20.8	311	8,137,836	9.75	3.14	343	0.5	7.0	3.0	2.4	2,142	26,141	5.62
Other tenants	3,171	49.1	2.3	1.9	1.8	329	688,472	9.34	2.84	37	0.6	0.8	0.5	0.5	1,655	3,048	3.20
Area 1	39,675	58.7	100.0	100.0	100.0	216	11,882,295	8.99	4.16	355	1.5	100.0	100.0	100.0	2,234	197,208	5.66
Owners, part owners, and managers	6,415	49.6	16.2	51.5	54.1	206	6,092,231	8.52	4.14	184	2.2	51.8	90.1	92.3	2,181	175,492	5.46
Cash tenants	1,089	47.3	2.7	5.4	6.0	195	681,687	8.63	4.43	1	(Z)	0.3	0.1	0.1	2,000	250	5.00
All share tenants	3,765	60.7	9.5	8.0	7.9	218	977,238	9.32	4.28	17	0.3	4.8	2.9	1.5	4,274	7,505	14.30
Croppers	27,981	93.1	70.5	33.5	30.7	236	3,941,443	9.73	4.12	148	0.5	41.7	6.7	5.8	2,557	13,511	6.67
Other tenants	425	50.4	1.1	1.6	1.3	271	189,696	11.05	4.08	5	0.2	1.4	0.2	0.2	2,000	450	6.00
Area 2	25,286	47.5	100.0	100.0	100.0	343	6,388,635	9.74	2.84	725	2.9	100.0	100.0	100.0	1,698	178,072	4.41
Owners, part owners, and managers	7,287	37.1	28.8	48.7	50.2	332	3,197,301	9.71	2.92	538	3.9	74.2	87.5	85.8	1,732	156,248	4.51
Cash tenants	938	47.6	3.7	3.6	4.0	309	244,691	9.38	3.03	18	1.2	2.5	0.8	1.6	848	2,099	3.16
All share tenants	6,110	61.5	24.2	17.4	18.3	325	1,100,378	9.15	2.82	95	2.1	13.1	9.8	10.1	1,641	15,970	3.90
Croppers	10,101	82.2	39.9	27.1	24.4	380	1,653,970	10.33	2.72	62	0.4	8.6	1.6	1.9	1,453	2,680	3.57
Other tenants	850	42.2	3.4	3.3	3.1	362	192,295	9.47	2.62	12	0.5	1.6	0.3	0.6	857	1,075	4.39
Areas 3 and A	11,785	41.2	100.0	100.0	100.0	345	2,950,381	9.10	2.64	715	3.4	100.0	100.0	100.0	1,437	123,857	4.65
Owners, part owners, and managers	6,260	35.6	53.1	70.1	71.0	340	2,058,567	8.94	2.63	652	3.9	91.2	94.2	94.8	1,428	118,675	4.70
Cash tenants	878	55.5	7.5	4.8	5.1	325	144,148	8.77	2.70	33	2.4	4.6	3.6	2.6	1,937	2,945	4.20
All share tenants	2,339	71.4	19.8	11.5	12.1	326	353,420	9.00	2.76	11	0.7	1.5	1.2	1.4	1,212	1,567	4.26
Croppers	1,760	83.2	14.9	11.1	9.1	420	318,980	10.83	2.58	15	0.2	2.1	0.2	0.3	750	195	2.44
Other tenants	548	43.3	4.6	2.6	2.7	325	75,266	8.48	2.61	4	1.2	0.6	0.9	0.9	1,500	475	1.98
Area 4	15,778	59.1	100.0	100.0	100.0	381	3,666,653	9.43	2.47	734	2.0	100.0	100.0	100.0	1,536	50,961	3.82
Owners, part owners, and managers	8,718	53.2	55.3	59.7	59.8	381	2,192,698	9.44	2.48	647	2.8	88.1	88.4	90.9	1,492	45,496	3.75
Cash tenants	126	53.1	0.8	0.6	0.7	331	23,860	8.51	2.57	1	0.2	0.1	0.1	0.1	2,000	120	12.00
All share tenants	3,495	67.0	22.2	21.1	21.4	375	798,520	9.60	2.56	20	0.2	2.7	2.4	2.0	1,885	770	2.96
Croppers	3,017	80.5	19.1	16.5	16.0	394	577,985	9.28	2.36	66	1.2	9.0	9.2	7.0	1,998	4,575	4.88
Other tenants	422	55.9	2.7	2.0	2.1	376	73,590	9.11	2.42	...	...	...	...	...	...	...	...
Area 5	10,812	40.6	100.0	100.0	100.0	337	2,384,874	8.11	2.41	257	1.7	100.0	100.0	100.0	1,939	47,571	3.83
Owners, part owners, and managers	5,092	34.7	47.1	63.8	64.5	333	1,489,541	7.85	2.35	214	2.1	83.3	94.7	93.6	1,962	44,331	3.82
Cash tenants	351	29.5	3.2	1.8	2.0	315	43,447	7.48	2.37	1	0.5	0.4	0.4	0.8	1,000	675	6.75
All share tenants	2,023	57.7	18.7	13.7	13.5	343	337,551	8.48	2.48	21	0.6	8.2	2.6	3.3	1,533	1,590	3.83
Croppers	3,107	69.1	28.7	19.2	18.4	353	478,245	8.86	2.51	21	0.4	8.2	2.2	2.3	1,929	975	3.48
Other tenants	239	40.6	2.2	1.4	1.6	299	36,090	7.66	2.56	...	...	...	...	...	...	...	...
Area 6a	21,932	62.6	100.0	100.0	100.0	373	5,539,558	9.45	2.53	1,179	3.7	100.0	100.0	100.0	1,578	158,945	4.61
Owners, part owners, and managers	14,894	57.2	67.9	74.2	73.6	376	4,123,310	9.56	2.54	1,143	4.5	96.9	97.3	97.8	1,571	153,442	4.55
Cash tenants	344	73.0	1.6	1.4	1.4	360	75,495	9.02	2.51	10	3.0	0.8	0.9	1.0	1,471	1,700	5.00
All share tenants	2,267	80.2	10.3	7.6	8.3	345	425,883	8.79	2.55	15	0.4	1.3	0.9	0.8	1,808	1,385	5.33
Croppers	3,972	91.0	18.1	15.3	15.1	379	833,980	9.43	2.49	10	0.2	0.8	0.9	0.4	3,097	2,400	15.48
Other tenants	455	71.7	2.1	1.5	1.6	348	80,890	8.52	2.45	1	0.1	0.1	(Z)	(Z)	500	18	1.50
Area 6b	9,810	61.4	100.0	100.0	100.0	361	2,389,425	9.19	2.55	535	3.6	100.0	100.0	100.0	1,640	62,939	4.15
Owners, part owners, and managers	6,822	56.1	69.5	74.7	74.6	361	1,791,165	9.23	2.56	470	4.0	87.9	88.9	90.4	1,614	57,164	4.17
Cash tenants	298	76.9	3.0	2.1	2.2	350	50,920	8.99	2.57	10	3.1	1.9	2.2	1.5	2,444	1,575	7.00
All share tenants	990	80.0	10.1	8.3	8.6	349	198,115	8.90	2.55	20	2.0	3.7	3.3	3.6	1,477	1,905	3.43
Croppers	1,485	92.7	15.1	13.3	12.9	372	311,650	9.31	2.50	20	0.8	3.7	2.1	2.0	1,767	1,265	4.22
Other tenants	215	67.8	2.2	1.6	1.8	316	37,575	8.00	2.56	15	5.5	2.8	3.4	2.4	2,237	1,030	2.71
Area 7	2,620	67.0	100.0	100.0	100.0	458	1,444,677	9.39	2.05	320	5.9	100.0	100.0	100.0	1,572	68,602	5.08
Owners, part owners, and managers	2,429	66.8	92.7	96.7	96.6	459	1,391,719	9.37	2.04	314	6.0	98.1	98.6	98.8	1,570	67,687	5.07
Cash tenants	61	83.7	2.3	0.7	1.1	325	13,070	8.04	2.48	...	...	...	...	...	...	...	...
All share tenants	86	77.4	3.3	1.5	1.6	427	23,035	9.25	2.17	5	1.6	1.6	0.5	0.4	2,000	375	7.50
Croppers	32	89.3	1.2	0.9	0.7	650	15,583	15.35	2.36	1	10.4	0.3	0.9	0.9	1,695	540	4.58
Other tenants	12	12.6	0.5	0.1	0.1	378	1,270	8.58	2.27	...	...	...	...	...	...	...	...
Area 8	543	48.6	100.0	100.0	100.0	462	226,112	10.49	2.27	104	4.6	100.0	100.0	100.0	1,552	12,420	6.03
Owners, part owners, and managers	536	47.5	98.7	95.7	94.2	469	217,812	10.72	2.28	104	4.8	100.0	100.0	100.0	1,552	12,420	6.03
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	1	100.0	0.2	0.4	0.6	286	500	3.57	1.25	...	...	...	...	...	...	...	...
Croppers	1	75.5	0.2	3.1	3.7	382	6,000	7.50	1.96	...	...	...	...	...	...	...	...
Other tenants	5	93.8	0.9	0.8	1.4	267	1,800	6.00	2.25	...	...	...	...	...	...	...	...
Missouri, total	98,473	35.2	100.0	100.0	100.0	220	43,235,722	7.35	3.34	28,346	3.8	100.0	100.0	100.0	4,312	4,183,018	6.51
Owners, part owners, and managers	79,111	35.2	80.3	80.3	78.4	225	34,188,242	7.42	3.29	24,108	4.0	85.0	83.5	82.1	4,384	3,499,478	6.63
Cash tenants	1,390	29.5	1.4	1.2	1.1	226	485,495	7.36	3.25	216	2.2	0.8	0.6	0.8	3,634	24,213	4.96
All share tenants	14,872	35.9	15.1	16.7	18.6	197	7,759,472	7.08	3.60	3,736	3.4	13.2	14.8	16.0	4,002	615,651	6.00
Croppers	1,808	41.7	1.8	0.9	0.9	223	378,160	7.38	3.31	53	1.2	0.2	0.2	0.2	3,505	8,360	5.75
Other tenants	1,292	27.0	1.3	1.0	1.0	226	424,353	7.33	3.24	233	2.9	0.8	0.9	1.0	4,062	35,316	5.71

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime.	Per acre limed
Missouri—Continued																	
Areas 1 and A	10,111	25.8	100.0	100.0	100.0	212	5,761,462	8.39	3.96	3,735	3.8	100.0	100.0	100.0	3,777	578,712	5.80
Owners, part owners, and managers	7,579	26.0	75.0	75.6	72.1	222	4,225,722	8.53	3.84	2,888	3.9	77.3	75.3	75.1	3,787	439,764	5.87
Cash tenants	181	20.5	1.8	1.2	1.3	199	68,915	8.00	4.01	51	3.8	1.4	1.3	1.6	2,976	6,949	4.35
All share tenants	2,207	26.0	21.8	22.1	25.5	184	1,404,563	8.02	4.37	764	3.3	20.5	22.5	22.4	3,783	127,242	5.68
Other tenants	144	21.3	1.4	1.1	1.2	198	62,262	7.84	3.97	32	2.4	0.9	1.0	0.9	4,208	4,757	5.38
Area 2a	13,394	26.1	100.0	100.0	100.0	220	5,338,638	7.78	3.53	5,325	4.5	100.0	100.0	100.0	4,127	777,222	6.51
Owners, part owners, and managers	11,051	26.4	82.5	83.8	80.6	229	4,430,579	8.02	3.50	4,607	4.8	86.5	84.3	83.8	4,152	660,978	6.61
Cash tenants	168	19.0	1.3	0.8	0.8	207	46,320	8.30	4.01	46	4.6	0.9	0.9	1.1	3,362	6,766	5.03
All share tenants	2,056	25.4	15.4	14.8	18.0	182	833,466	6.75	3.71	640	3.4	12.0	14.2	14.0	4,186	104,883	6.28
Other tenants	119	16.7	0.9	0.6	0.6	215	28,273	6.74	3.13	32	5.0	0.6	0.6	1.1	2,235	4,595	3.66
Area 2b	15,356	38.6	100.0	100.0	100.0	249	9,368,901	8.40	3.37	7,293	6.3	100.0	100.0	100.0	4,902	1,287,405	7.11
Owners, part owners, and managers	12,808	38.7	83.4	83.6	81.1	257	7,749,317	8.56	3.34	6,327	6.5	86.8	85.6	84.1	4,991	1,110,630	7.30
Cash tenants	66	26.1	0.4	0.3	0.3	246	26,175	8.71	3.54	16	2.0	0.2	0.2	0.1	6,087	1,830	7.96
All share tenants	2,297	39.2	15.0	14.9	17.6	211	1,481,148	7.56	3.59	884	5.4	12.1	13.4	14.8	4,435	162,426	6.06
Other tenants	185	30.6	1.2	1.2	1.0	299	112,261	9.82	3.28	66	4.7	0.9	0.8	1.0	4,140	12,519	7.06
Area 3	12,679	47.9	100.0	100.0	100.0	176	6,181,118	5.83	3.31	3,324	3.8	100.0	100.0	100.0	4,254	516,983	6.22
Owners, part owners, and managers	10,222	47.4	80.6	81.4	78.9	182	4,958,131	5.93	3.26	2,789	4.0	83.9	86.0	85.0	4,306	439,288	6.22
Cash tenants	204	32.8	1.6	0.8	0.9	156	56,048	5.59	3.58	24	1.9	0.7	0.7	0.7	3,949	2,732	4.65
All share tenants	2,115	51.9	16.7	17.2	19.4	156	1,128,779	5.49	3.52	478	2.9	14.4	12.4	13.6	3,899	70,903	6.29
Other tenants	138	32.6	1.1	0.6	0.7	138	38,160	4.91	3.55	33	2.5	1.0	0.9	0.7	5,092	4,060	6.82
Area 4	5,401	50.6	100.0	100.0	100.0	200	2,030,569	5.53	2.76	905	2.1	100.0	100.0	100.0	3,793	82,981	5.47
Owners, part owners, and managers	4,695	49.4	86.9	82.0	82.3	199	1,661,230	5.49	2.76	770	2.0	85.1	79.6	81.2	3,719	67,026	5.44
Cash tenants	134	37.9	2.5	2.8	2.1	269	55,788	7.36	2.73	17	1.2	1.9	2.3	1.6	5,306	1,320	5.39
All share tenants	496	63.8	9.2	14.4	14.8	195	300,056	5.51	2.83	118	3.0	13.0	18.1	17.2	4,001	14,635	5.63
Other tenants	76	37.8	1.4	0.7	0.8	196	13,495	4.85	2.47	...	...	...	...	...	...	...	...
Area 5	5,993	34.3	100.0	100.0	100.0	213	1,884,090	6.76	3.17	1,225	2.9	100.0	100.0	100.0	4,335	152,596	6.53
Owners, part owners, and managers	5,350	33.8	89.3	89.6	88.2	217	1,687,575	6.87	3.17	1,108	2.9	90.4	90.2	90.8	4,304	136,559	6.44
Cash tenants	88	25.2	1.5	0.9	1.3	154	17,340	4.87	3.16	5	0.4	0.4	0.2	0.3	4,000	405	6.75
All share tenants	448	45.3	7.5	7.8	9.2	182	148,978	5.82	3.20	97	2.6	7.9	7.4	6.3	5,022	12,557	8.47
Other tenants	107	27.5	1.8	1.6	1.3	261	30,197	8.12	3.11	15	4.5	1.2	2.3	2.6	3,769	3,075	5.08
Areas 6 and B	10,835	36.1	100.0	100.0	100.0	240	3,970,694	7.50	3.12	3,191	3.1	100.0	100.0	100.0	4,694	296,614	6.58
Owners, part owners, and managers	9,486	36.3	87.5	85.7	85.6	240	3,352,429	7.39	3.08	2,876	3.1	90.1	87.4	86.6	4,732	261,267	6.69
Cash tenants	155	35.1	1.4	1.9	1.4	315	70,925	9.48	3.01	22	1.9	0.7	0.6	0.9	3,121	1,781	4.40
All share tenants	1,009	34.9	9.3	11.1	11.7	227	491,975	7.95	3.50	268	2.9	8.4	10.8	11.4	4,467	30,931	6.04
Other tenants	185	30.8	1.7	1.4	1.3	259	55,365	8.26	3.19	25	2.3	0.8	1.2	1.1	5,293	2,635	5.32
Area 7	10,879	34.1	100.0	100.0	100.0	222	2,827,420	6.40	2.88	1,399	1.6	100.0	100.0	100.0	3,578	109,665	5.37
Owners, part owners, and managers	10,196	33.5	93.7	92.5	91.9	223	2,621,563	6.46	2.89	1,314	1.5	93.9	94.8	91.2	3,718	104,280	5.59
Cash tenants	197	31.0	1.8	1.7	1.6	233	46,259	6.38	2.74	15	0.3	1.1	0.2	0.3	2,429	360	5.14
All share tenants	379	52.3	3.5	4.9	5.7	189	140,943	5.57	2.95	60	3.3	4.3	4.3	7.9	1,932	4,135	2.57
Other tenants	107	24.8	1.0	0.9	0.8	244	18,655	5.39	2.21	10	0.8	0.7	0.7	0.5	4,727	890	8.09
Area 8	3,221	30.9	100.0	100.0	100.0	255	974,090	7.54	2.96	654	3.2	100.0	100.0	100.0	4,550	83,110	6.20
Owners, part owners, and managers	2,956	30.6	91.8	91.9	91.1	257	892,328	7.58	2.95	629	3.4	96.2	96.2	96.7	4,528	80,765	6.23
Cash tenants	56	41.9	1.7	2.7	2.6	265	29,615	8.84	3.34	5	1.2	0.8	1.1	0.7	7,000	700	7.00
All share tenants	159	36.3	4.9	4.4	5.1	222	42,367	6.42	2.89	10	1.6	1.5	1.7	2.1	3,684	1,200	4.21
Other tenants	50	20.4	1.6	1.0	1.2	208	9,780	6.48	3.11	10	0.8	1.5	0.9	0.4	9,500	445	7.42
Area 9a	4,433	35.6	100.0	100.0	100.0	221	1,688,886	7.26	3.28	752	2.9	100.0	100.0	100.0	4,265	162,023	8.42
Owners, part owners, and managers	2,666	34.4	60.1	58.6	57.2	227	993,119	7.47	3.29	476	3.1	63.3	63.7	61.8	4,396	109,464	9.20
Cash tenants	80	48.2	1.8	2.2	1.8	273	30,280	7.41	2.72	5	0.6	0.7	0.4	0.3	6,000	510	10.20
All share tenants	1,111	35.8	25.1	31.3	33.1	209	537,947	6.99	3.34	240	3.2	31.9	32.7	35.9	3,878	48,939	7.08
Croppers	506	45.0	11.4	6.8	6.7	226	110,610	7.13	3.16	26	0.7	3.5	1.7	1.2	6,311	2,170	9.64
Other tenants	70	34.3	1.6	1.1	1.3	187	16,930	5.62	3.00	5	1.8	0.7	1.5	0.8	7,812	940	5.88
Area 9b	6,171	37.3	100.0	100.0	100.0	253	3,209,854	9.05	3.58	543	2.4	100.0	100.0	100.0	3,271	135,707	5.94
Owners, part owners, and managers	2,102	37.6	34.1	48.5	46.0	267	1,616,249	9.91	3.72	324	3.2	59.7	64.0	60.2	3,482	89,457	6.51
Cash tenants	61	36.4	1.0	1.3	1.5	207	37,830	6.98	3.37	10	1.3	1.8	1.0	0.9	4,000	860	4.41
All share tenants	2,595	36.7	42.1	40.2	40.9	248	1,249,250	8.60	3.47	177	1.9	32.6	28.6	32.5	2,885	37,800	5.10
Croppers	1,302	40.4	21.1	8.8	10.1	222	267,550	7.49	3.37	27	1.4	5.0	4.9	5.4	2,992	6,190	5.03
Other tenants	111	29.5	1.8	1.3	1.5	214	38,975	7.24	3.38	5	1.4	0.9	1.3	1.1	4,000	1,400	5.60
Montana, total	6,027	4.2	100.0	100.0	100.0	86	2,186,223	3.47	4.06	40	(Z)	100.0	100.0	100.0	730	1,306	2.19
Owners, part owners, and managers	4,994	4.2	82.9	77.4	84.8	78	1,714,550	3.21	4.11	40	(Z)	100.0	100.0	100.0	730	1,306	2.19
Cash tenants	111	3.2	1.8	1.3	0.6	174	31,041	7.75	4.45	...	...	...	...	...	...	...	...
All share tenants	866	4.8	14.4	20.7	14.1	126	429,109	4.84	3.85	...	...	...	...	...	...	...	...
Other tenants	56	4.2	0.9	0.5	0.4	106	11,523	4.15	3.92	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Montana—Continued																	
Area 1a	1,229	8.9	100.0	100.0	100.0	146	275,641	5.39	3.69	36	0.1	100.0	100.0	100.0	533	975	2.00
Owners, part owners, and managers	1,099	8.8	89.4	87.7	90.2	142	253,178	5.49	3.87	36	0.1	100.0	100.0	100.0	533	975	2.00
Cash tenants	19	3.8	1.5	0.6	0.5	191	2,416	9.63	5.03	...	...	...	...	...	...	...	...
All share tenants	86	10.4	7.0	11.0	8.5	188	18,597	4.27	2.27	...	...	...	...	...	...	...	...
Other tenants	25	16.0	2.0	0.7	0.8	130	1,450	3.62	2.79	...	...	...	...	...	...	...	...
Area 1b	933	4.9	100.0	100.0	100.0	122	324,108	4.69	3.84	2	(Z)	100.0	100.0	100.0	1,824	315	3.46
Owners, part owners, and managers	783	4.5	83.9	81.8	81.0	123	266,998	4.77	3.87	2	(Z)	100.0	100.0	100.0	1,824	315	3.46
Cash tenants	13	3.1	1.4	0.7	0.8	106	1,956	3.71	3.49	...	...	...	...	...	...	...	...
All share tenants	135	8.6	14.5	17.3	18.0	117	54,349	4.37	3.72	...	...	...	...	...	...	...	...
Other tenants	2	1.9	0.2	0.3	0.2	137	805	5.00	3.66	...	...	...	...	...	...	...	...
Area 2a	1,318	8.0	100.0	100.0	100.0	43	542,556	1.83	4.28	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,155	8.2	87.6	88.2	87.9	43	480,503	1.84	4.30	...	...	...	...	...	...	...	...
Cash tenants	12	3.3	0.9	0.6	0.4	56	3,059	2.46	4.37	...	...	...	...	...	...	...	...
All share tenants	146	6.9	11.1	10.7	11.4	40	56,194	1.66	4.13	...	...	...	...	...	...	...	...
Other tenants	5	7.4	0.4	0.6	0.2	114	2,800	4.55	4.00	...	...	...	...	...	...	...	...
Area 2b	1,067	1.7	100.0	100.0	100.0	76	380,575	3.12	4.09	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Owners, part owners, and managers	882	1.7	82.7	75.7	85.3	68	289,331	2.78	4.11	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Cash tenants	6	1.1	0.6	0.8	0.2	280	3,350	12.36	4.41	...	...	...	...	...	...	...	...
All share tenants	171	1.8	16.0	22.8	13.9	125	84,501	5.00	3.99	...	...	...	...	...	...	...	...
Other tenants	8	2.4	0.7	0.8	0.7	87	3,393	4.20	4.85	...	...	...	...	...	...	...	...
Area 3a	1,025	5.5	100.0	100.0	100.0	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...
Owners, part owners, and managers	677	4.3	66.0	52.2	65.2	161	251,931	7.17	4.45	...	...	...	...	...	...	...	...
Cash tenants	45	7.2	4.4	3.6	2.7	269	17,630	12.24	4.54	...	...	...	...	...	...	...	...
All share tenants	287	11.7	28.0	43.5	30.7	285	187,043	11.30	3.97	...	...	...	...	...	...	...	...
Other tenants	16	9.6	1.6	0.7	1.5	101	3,075	3.87	3.84	...	...	...	...	...	...	...	...
Area 3b	455	3.3	100.0	100.0	100.0	139	203,664	5.50	3.94	1	(Z)	100.0	100.0	100.0	200	8	0.80
Owners, part owners, and managers	398	3.1	87.5	85.5	87.2	137	172,609	5.34	3.91	1	(Z)	100.0	100.0	100.0	200	8	0.80
Cash tenants	16	1.5	3.5	1.2	0.7	218	2,630	9.56	4.38	...	...	...	...	...	...	...	...
All share tenants	41	5.4	9.0	13.4	12.0	155	28,425	6.37	4.12	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nebraska, total	41,984	12.9	100.0	100.0	100.0	146	21,377,554	7.19	4.92	5,868	0.7	100.0	100.0	100.0	3,602	1,274,779	8.01
Owners, part owners, and managers	23,966	11.7	57.1	59.6	58.4	149	12,705,549	7.32	4.90	3,697	0.7	63.0	62.6	64.4	3,502	792,478	7.73
Cash tenants	687	9.1	1.6	1.4	1.3	150	288,158	7.31	4.86	93	0.6	1.6	1.7	1.7	3,526	27,395	10.09
All share tenants	16,941	15.5	40.4	38.3	39.5	142	8,227,480	7.00	4.94	2,022	0.7	34.5	34.6	32.5	3,832	439,561	8.49
Other tenants	390	11.0	0.9	0.7	0.8	132	156,367	6.57	4.97	56	1.0	1.0	1.1	1.4	2,981	15,345	7.14
Area 1	1,392	1.9	100.0	100.0	100.0	135	404,108	5.82	4.30	35	(Z)	100.0	100.0	100.0	2,217	6,114	7.70
Owners, part owners, and managers	1,024	1.8	73.6	76.6	77.9	133	304,575	5.63	4.23	16	(Z)	45.7	53.2	68.6	1,721	3,294	6.04
Cash tenants	54	1.2	3.9	3.0	2.8	144	11,233	5.68	3.96	8	0.1	22.9	27.0	17.8	3,376	1,770	12.55
All share tenants	285	2.8	20.5	19.1	18.2	142	83,295	6.58	4.64	11	(Z)	31.4	19.7	13.6	3,204	1,050	9.72
Other tenants	29	1.2	2.1	1.3	1.1	165	5,005	7.00	4.24	...	...	...	...	...	...	...	...
Area 2	1,884	3.0	100.0	100.0	100.0	188	792,336	8.41	4.47	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Owners, part owners, and managers	772	2.0	41.0	41.6	45.2	173	336,885	7.92	4.56	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Cash tenants	9	0.9	0.5	0.3	0.2	246	2,136	9.37	3.81	...	...	...	...	...	...	...	...
All share tenants	1,072	5.6	56.9	56.7	53.0	201	443,385	8.87	4.41	...	...	...	...	...	...	...	...
Other tenants	31	6.3	1.6	1.4	1.5	167	9,930	6.83	4.10	...	...	...	...	...	...	...	...
Area 3a	4,635	11.6	100.0	100.0	100.0	154	2,727,681	8.51	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Owners, part owners, and managers	2,779	10.9	60.0	61.5	61.6	154	1,658,601	8.39	5.46	76	0.1	87.4	81.5	84.5	2,666	10,515	5.73
Cash tenants	47	7.8	1.0	0.9	0.9	155	25,017	8.62	5.56	5	0.5	5.7	13.3	9.2	4,000	1,250	6.25
All share tenants	1,763	13.4	38.0	37.1	36.8	155	1,029,773	8.72	5.62	6	(Z)	6.9	5.2	6.3	2,263	570	4.16
Other tenants	46	9.4	1.0	0.5	0.6	127	14,290	7.20	5.67	...	...	...	...	...	...	...	...
Area 3b	6,934	16.2	100.0	100.0	100.0	141	3,171,100	6.88	4.89	747	0.8	100.0	100.0	100.0	2,812	184,289	7.86
Owners, part owners, and managers	4,131	16.8	59.6	63.2	61.2	145	2,031,299	7.20	4.96	539	1.1	72.2	78.5	80.2	2,753	144,839	7.71
Cash tenants	105	19.4	1.5	1.8	1.6	158	54,165	7.25	4.59	10	0.2	1.3	0.5	0.4	3,158	925	9.74
All share tenants	2,647	15.1	38.2	34.2	36.3	132	1,061,266	6.34	4.79	192	0.4	25.7	20.5	18.8	3,072	37,545	8.52
Other tenants	51	15.4	0.7	0.8	0.9	131	24,370	6.16	4.69	6	0.5	0.8	0.5	0.6	2,357	980	7.00
Area 4	3,083	7.9	100.0	100.0	100.0	148	1,707,170	7.47	5.04	93	0.1	100.0	100.0	100.0	2,867	26,450	7.15
Owners, part owners, and managers	1,985	8.0	64.4	69.5	66.6	155	1,162,027	7.63	4.93	71	0.1	76.3	72.8	76.2	2,738	19,580	6.94
Cash tenants	16	3.2	0.5	0.5	0.3	211	5,565	7.52	3.57	...	...	...	...	...	...	...	...
All share tenants	1,059	8.0	34.3	29.8	32.7	135	534,706	7.16	5.29	22	0.1	23.7	27.2	23.8	3,281	6,870	7.82
Other tenants	23	3.6	0.7	0.2	0.4	92	4,872	5.32	5.80	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Nebraska—Continued																	
Area 5	8,171	22.0	100.0	100.0	100.0	128	4,421,145	6.71	5.25	1,549	1.4	100.0	100.0	100.0	3,816	395,570	9.25
Owners, part owners, and managers	4,446	22.6	54.4	57.3	55.5	132	2,543,799	6.96	5.28	943	1.7	60.9	63.6	65.0	3,734	240,579	8.66
Cash tenants	36	12.1	0.4	0.5	0.4	142	16,342	5.72	4.05	15	2.6	1.0	1.5	1.4	4,000	4,200	7.00
All share tenants	3,594	21.4	44.0	41.3	42.8	123	1,814,084	6.44	5.22	576	1.1	37.2	34.5	33.2	3,966	149,301	10.51
Other tenants	95	26.9	1.2	1.0	1.3	98	46,920	5.65	5.78	15	0.5	1.0	0.4	0.4	3,867	1,490	9.93
Area 6	6,531	22.1	100.0	100.0	100.0	166	3,512,719	7.49	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49
Owners, part owners, and managers	3,526	22.8	54.0	54.7	54.3	167	1,914,128	7.51	4.50	299	0.9	55.5	51.8	56.0	2,847	86,788	8.75
Cash tenants	255	17.6	3.9	2.8	2.9	158	110,590	8.14	5.15	30	1.3	5.6	5.6	5.7	3,010	13,225	13.09
All share tenants	2,725	21.8	41.7	42.3	42.6	165	1,478,511	7.40	4.50	200	0.6	37.1	38.5	32.3	3,673	60,340	10.56
Other tenants	25	9.6	0.4	0.2	0.2	173	9,490	9.00	5.21	10	9.6	1.9	4.0	6.0	2,075	7,600	7.17
Areas 7, A, and B	9,354	25.3	100.0	100.0	100.0	145	4,641,295	6.90	4.77	2,817	2.6	100.0	100.0	100.0	3,957	482,066	7.03
Owners, part owners, and managers	5,303	25.6	56.7	60.5	57.5	152	2,754,235	7.12	4.68	1,752	2.7	62.2	59.6	59.5	3,961	286,881	7.03
Cash tenants	165	21.6	1.8	1.3	1.4	130	63,110	6.54	5.04	25	1.5	0.9	0.9	1.0	3,821	6,025	8.99
All share tenants	3,796	25.0	40.6	37.3	40.3	134	1,782,460	6.58	4.91	1,015	2.4	36.0	38.3	38.4	3,950	183,885	6.99
Other tenants	90	26.4	1.0	1.0	0.8	173	41,490	7.65	4.43	25	3.9	0.9	1.2	1.2	4,125	5,275	6.59
Nevada, total (Area 1)	381	3.4	100.0	100.0	100.0	226	252,529	8.89	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Owners, part owners, and managers	352	3.2	92.4	81.8	89.1	208	206,344	8.15	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Cash tenants	21	2.8	5.5	7.1	3.3	483	21,560	22.94	4.75	...	...	...	...	...	...	...	...
All share tenants	7	11.9	1.8	4.9	5.1	218	11,625	7.96	3.66	...	...	...	...	...	...	...	...
Other tenants	1	19.7	0.3	6.2	2.5	571	13,000	18.57	3.25	...	...	...	...	...	...	...	...
New Hampshire, total	2,444	20.3	100.0	100.0	100.0	516	810,052	13.09	2.54	996	4.9	100.0	100.0	100.0	2,276	92,578	6.24
Owners, part owners, and managers	2,364	20.2	96.7	97.3	97.3	516	789,837	13.12	2.54	971	4.9	97.5	97.4	97.6	2,270	88,458	6.11
Cash tenants	50	23.2	2.0	2.0	2.0	502	14,495	11.55	2.30	5	1.4	0.5	0.4	0.5	2,000	900	12.00
All share tenants	5	24.0	0.2	0.2	0.2	435	1,375	11.96	2.75	5	14.6	0.5	0.8	0.5	4,000	425	6.07
Other tenants	25	39.9	1.0	0.6	0.5	616	4,345	14.25	2.31	15	26.8	1.5	1.3	1.4	2,195	2,795	13.63
Area 1	1,136	22.6	100.0	100.0	100.0	597	484,969	14.57	2.44	397	4.1	100.0	100.0	100.0	2,535	39,628	6.52
Owners, part owners, and managers	1,106	22.6	97.4	98.6	98.0	601	479,104	14.69	2.44	387	4.1	97.5	97.7	97.3	2,547	37,508	6.34
Cash tenants	20	19.6	1.8	1.0	1.5	396	3,610	7.15	1.80	5	2.9	1.3	1.0	1.2	2,000	900	12.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	66.7	0.9	0.4	0.5	482	2,255	13.26	2.75	5	35.3	1.3	1.3	1.5	2,222	1,220	13.56
Areas 2 and A	1,308	18.1	100.0	100.0	100.0	421	325,083	11.38	2.70	599	5.6	100.0	100.0	100.0	2,096	52,950	6.05
Owners, part owners, and managers	1,258	17.9	96.2	95.1	96.5	416	310,733	11.27	2.71	584	5.6	97.5	97.1	97.9	2,079	50,950	5.95
Cash tenants	30	26.4	2.3	3.6	2.6	573	10,885	14.51	2.53	...	...	...	...	...	...	...	...
All share tenants	5	24.0	0.4	0.4	0.4	435	1,375	11.96	2.75	5	14.6	0.8	1.5	0.8	4,000	425	6.07
Other tenants	15	26.5	1.1	0.9	0.5	785	2,090	15.48	1.97	10	22.5	1.7	1.4	1.3	2,174	1,575	13.70
New Jersey, total	10,781	56.6	100.0	100.0	100.0	779	11,564,437	19.47	2.50	5,216	11.4	100.0	100.0	100.0	1,804	991,662	8.28
Owners, part owners, and managers	9,709	56.4	90.1	89.0	88.2	786	10,305,457	19.66	2.50	4,724	11.6	90.6	90.0	90.1	1,801	902,567	8.36
Cash tenants	587	55.6	5.4	5.8	6.8	665	699,360	17.20	2.59	292	9.4	5.6	5.4	5.7	1,694	48,355	7.05
All share tenants	290	65.9	2.7	4.5	4.0	864	477,590	19.98	2.31	140	11.8	2.7	4.0	3.6	2,047	34,405	8.06
Other tenants	195	45.3	1.8	0.7	0.9	616	82,030	15.64	2.54	60	5.9	1.2	0.6	0.6	1,941	6,335	9.32
Areas 1, A, B, and C	5,901	51.4	100.0	100.0	100.0	604	4,845,616	14.88	2.47	2,661	9.3	100.0	100.0	100.0	1,701	433,191	7.35
Owners, part owners, and managers	5,155	51.4	87.4	85.8	86.1	601	4,164,791	14.85	2.47	2,355	9.7	88.5	87.6	89.4	1,668	383,571	7.28
Cash tenants	456	50.2	7.7	7.8	8.9	530	391,965	13.46	2.54	211	7.2	7.9	8.2	7.1	1,967	33,935	8.12
All share tenants	145	58.5	2.5	5.2	3.8	840	232,755	19.01	2.26	65	8.9	2.4	3.9	3.2	2,080	14,155	7.59
Other tenants	145	44.3	2.5	1.1	1.2	562	56,105	14.59	2.60	30	2.7	1.1	0.3	0.4	1,489	1,530	6.51
Areas 2, D, E, and F	4,880	64.4	100.0	100.0	100.0	992	6,718,821	25.04	2.52	2,555	14.6	100.0	100.0	100.0	1,904	558,471	9.19
Owners, part owners, and managers	4,554	63.6	93.3	91.3	90.8	998	6,140,666	25.20	2.53	2,369	14.4	92.7	92.0	90.9	1,928	518,996	9.40
Cash tenants	131	76.4	2.7	4.4	4.3	1,006	307,395	26.62	2.65	81	17.7	3.2	2.9	4.4	1,267	14,420	5.39
All share tenants	145	76.0	3.0	3.9	4.3	889	244,835	21.01	2.36	75	15.7	2.9	4.2	4.0	2,021	20,250	8.42
Other tenants	50	48.4	1.0	0.4	0.5	766	25,925	18.52	2.42	30	15.4	1.2	0.8	0.7	2,180	4,805	10.80
New Mexico, total	2,927	10.5	100.0	100.0	100.0	247	2,359,323	10.24	4.14	2	(Z)	100.0	100.0	100.0	2,966	3,602	11.22
Owners, part owners, and managers	2,365	9.9	80.8	79.3	77.8	252	1,827,540	10.20	4.05	2	(Z)	100.0	100.0	100.0	2,966	3,602	11.22
Cash tenants	64	10.2	2.2	1.3	1.5	206	39,837	11.35	5.50	...	...	...	...	...	...	...	...
All share tenants	468	14.1	16.0	18.9	20.2	231	480,911	10.32	4.46	...	...	...	...	...	...	...	...
Other tenants	30	7.1	1.0	0.5	0.4	252	11,035	10.71	4.24	...	...	...	...	...	...	...	...
Area 1a	349	14.3	100.0	100.0	100.0	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...
Owners, part owners, and managers	304	12.9	87.1	83.4	84.3	151	75,041	6.05	4.01	...	...	...	...	...	...	...	...
Cash tenants	25	42.3	7.2	10.2	7.7	202	11,735	10.38	5.15	...	...	...	...	...	...	...	...
All share tenants	20	32.3	5.7	6.4	8.0	122	5,405	4.58	3.75	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New Mexico—Continued																	
Area 1b	126	4.8	100.0	100.0	100.0	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...
Owners, part owners, and managers	115	4.3	91.3	86.2	83.0	159	28,187	6.90	4.35	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	11	11.7	8.7	13.8	17.0	125	5,367	6.43	5.16	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	549	1.5	100.0	100.0	100.0	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...
Owners, part owners, and managers	441	1.3	80.3	71.3	72.0	194	117,462	7.30	3.77	...	...	...	...	...	...	...	...
Cash tenants	26	3.9	4.7	4.5	4.7	187	9,485	9.03	4.84	...	...	...	...	...	...	...	...
All share tenants	72	2.2	13.1	22.4	22.0	199	62,815	12.75	6.42	...	...	...	...	...	...	...	...
Other tenants	10	2.9	1.8	1.8	1.3	276	3,545	12.22	4.43	...	...	...	...	...	...	...	...
Area 3	1,903	36.5	100.0	100.0	100.0	263	2,040,281	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Owners, part owners, and managers	1,505	35.4	79.1	79.7	77.8	270	1,606,850	10.96	4.06	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Cash tenants	13	35.2	0.7	0.6	0.7	226	18,617	14.00	6.21	...	...	...	...	...	...	...	...
All share tenants	365	42.4	19.2	19.3	21.1	241	407,324	10.27	4.26	...	...	...	...	...	...	...	...
Other tenants	20	20.4	1.1	0.4	0.4	243	7,490	10.12	4.16	...	...	...	...	...	...	...	...
New York, total	56,088	29.9	100.0	100.0	100.0	456	26,247,215	12.03	2.64	23,830	5.2	100.0	100.0	100.0	2,996	3,633,638	9.64
Owners, part owners, and managers	53,281	29.9	95.0	93.4	94.3	452	24,524,884	11.92	2.64	22,737	5.2	95.4	95.4	95.3	2,999	3,466,463	9.65
Cash tenants	1,314	32.0	2.3	3.4	2.5	627	874,510	16.26	2.59	521	4.8	2.2	1.9	2.2	2,665	71,570	8.81
All share tenants	965	28.9	1.7	2.0	2.4	378	523,680	10.14	2.68	345	3.2	1.4	1.6	1.5	3,159	59,460	10.38
Other tenants	528	27.7	0.9	1.2	0.9	658	324,141	17.34	2.63	227	5.6	1.0	1.1	1.0	3,181	36,145	9.62
Areas 1, A, and B	8,547	45.5	100.0	100.0	100.0	448	4,934,986	12.07	2.70	2,180	4.6	100.0	100.0	100.0	2,827	322,342	7.87
Owners, part owners, and managers	8,002	45.3	93.6	93.7	93.1	451	4,622,466	12.14	2.69	2,060	4.6	94.5	94.7	95.1	2,816	305,422	7.84
Cash tenants	230	49.4	2.7	2.8	2.9	431	137,580	11.46	2.66	60	3.1	2.8	1.9	1.9	2,810	7,190	9.40
All share tenants	175	48.8	2.0	2.0	2.7	335	98,835	9.05	2.70	35	3.1	1.6	1.5	1.7	2,561	4,280	6.16
Other tenants	140	42.4	1.6	1.4	1.3	507	76,105	14.72	2.90	25	4.5	1.1	1.9	1.3	4,018	5,450	10.00
Area 2	7,252	47.6	100.0	100.0	100.0	370	4,421,409	9.79	2.65	1,746	3.2	100.0	100.0	100.0	3,200	315,721	10.55
Owners, part owners, and managers	6,709	47.5	92.5	91.7	91.2	372	4,035,519	9.80	2.63	1,646	3.3	94.3	95.2	95.3	3,197	299,346	10.50
Cash tenants	158	50.9	2.2	2.9	2.4	447	132,735	12.23	2.74	10	0.8	0.6	0.3	0.5	1,812	695	4.34
All share tenants	315	51.9	4.3	4.7	5.5	314	217,235	8.77	2.79	70	1.9	4.0	3.7	3.1	3,839	12,910	13.88
Other tenants	70	34.1	1.0	0.7	0.9	292	35,920	8.58	2.94	20	2.6	1.1	0.7	1.1	2,222	2,770	8.79
Area 3a	5,524	27.6	100.0	100.0	100.0	363	1,398,943	9.59	2.64	2,907	7.3	100.0	100.0	100.0	3,360	474,492	12.23
Owners, part owners, and managers	5,339	27.7	96.7	95.9	95.8	364	1,338,643	9.58	2.63	2,797	7.3	96.2	94.4	94.6	3,353	446,672	12.18
Cash tenants	100	30.7	1.8	2.1	2.3	330	28,710	8.47	2.56	60	13.3	2.1	3.6	3.8	3,150	16,675	11.34
All share tenants	60	26.1	1.1	1.6	1.7	339	27,060	10.80	3.19	35	5.5	1.2	1.8	1.4	4,358	10,005	18.88
Other tenants	25	12.2	0.5	0.4	0.2	784	4,530	18.12	2.31	15	5.1	0.5	0.3	0.3	3,714	1,140	10.86
Area 3b	4,268	32.5	100.0	100.0	100.0	427	2,169,836	11.46	2.69	2,315	7.8	100.0	100.0	100.0	2,845	461,326	10.13
Owners, part owners, and managers	4,128	32.6	96.7	96.7	96.7	427	2,102,111	11.49	2.69	2,250	7.9	97.2	97.1	97.0	2,847	447,761	10.13
Cash tenants	30	43.6	0.7	0.5	0.7	288	9,405	7.21	2.50	10	3.3	0.4	0.2	0.2	2,200	890	8.90
All share tenants	85	27.6	2.0	2.5	2.0	519	49,125	12.86	2.48	45	8.1	1.9	2.3	2.5	2,702	10,940	9.72
Other tenants	25	38.4	0.6	0.4	0.6	258	9,195	7.79	3.02	10	4.4	0.4	0.4	0.3	3,926	1,735	12.85
Areas 4 and C	6,248	36.5	100.0	100.0	100.0	377	2,807,196	10.21	2.71	2,200	4.8	100.0	100.0	100.0	2,653	305,369	8.48
Owners, part owners, and managers	6,038	36.5	96.6	97.2	96.8	378	2,727,676	10.24	2.71	2,155	4.8	98.0	98.5	98.2	2,662	301,549	8.53
Cash tenants	105	48.1	1.7	1.5	1.5	365	43,480	10.50	2.88	15	3.5	0.7	0.2	0.8	600	630	2.10
All share tenants	75	31.4	1.2	0.9	1.2	266	22,805	6.79	2.55	20	1.9	0.9	0.8	0.6	3,900	2,030	10.15
Other tenants	30	31.3	0.5	0.5	0.4	436	13,235	10.89	2.50	10	3.7	0.5	0.5	0.4	3,103	1,160	8.00
Areas 5 and D	3,604	20.9	100.0	100.0	100.0	389	1,107,188	10.19	2.62	1,734	5.1	100.0	100.0	100.0	3,322	240,074	9.05
Owners, part owners, and managers	3,484	21.1	96.7	97.5	97.0	391	1,077,073	10.22	2.61	1,709	5.2	98.6	98.5	98.7	3,316	235,959	9.01
Cash tenants	75	21.8	2.1	1.6	2.0	308	18,060	8.44	2.74	10	1.1	0.6	0.5	0.4	4,381	935	8.90
All share tenants	5	1.7	0.1	0.1	0.1	333	750	8.33	2.50	...	...	...	...	...	...	...	...
Other tenants	40	20.6	1.1	0.9	0.9	368	11,305	11.31	3.07	15	4.9	0.9	1.0	0.9	3,583	3,180	13.25
Areas 6 and E	5,733	18.8	100.0	100.0	100.0	363	1,394,177	9.46	2.61	3,981	6.7	100.0	100.0	100.0	3,152	551,716	10.42
Owners, part owners, and managers	5,533	19.0	96.5	97.2	97.7	361	1,351,487	9.38	2.60	3,871	6.8	97.2	96.7	97.3	3,134	536,761	10.42
Cash tenants	105	12.3	1.8	1.8	1.3	503	28,220	15.09	3.00	60	5.0	1.5	1.5	1.4	3,240	7,150	9.53
All share tenants	50	15.0	0.9	0.7	0.7	375	8,860	9.23	2.46	25	5.8	0.6	0.9	0.7	3,919	3,135	8.47
Other tenants	45	7.7	0.8	0.4	0.4	393	5,610	10.49	2.67	25	4.7	0.6	1.0	0.6	4,985	4,670	14.37
Area 7	5,714	12.1	100.0	100.0	100.0	371	1,310,632	10.07	2.71	1,718	2.5	100.0	100.0	100.0	2,669	160,607	5.95
Owners, part owners, and managers	5,514	12.5	96.5	97.2	97.0	372	1,273,857	10.09	2.71	1,608	2.5	93.6	93.1	94.3	2,636	148,332	5.82
Cash tenants	35	6.1	0.6	0.3	0.4	314	4,915	10.03	3.19	15	2.3	0.9	1.4	0.7	5,297	1,560	8.43
All share tenants	140	5.3	2.5	2.2	2.3	355	27,235	9.22	2.60	85	2.4	4.9	5.4	4 9	2,966	10,460	7.95
Other tenants	25	7.7	0.4	0.3	0.4	304	4,625	9.25	3.04	10	0.6	0.6	0.1	0.1	1,750	255	6.38

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New York—Continued																	
Areas 8 and F	3,358	19.2	100.0	100.0	100.0	368	863,535	9.53	2.59	1,535	4.2	100.0	100.0	100.0	3,343	189,697	9.46
Owners, part owners, and managers	3,192	19.2	95.1	94.9	94.6	369	818,358	9.55	2.59	1,424	4.1	92.8	92.0	92.2	3,334	172,765	9.34
Cash tenants	95	19.2	2.8	2.9	3.2	342	26,420	9.22	2.70	60	4.8	3.9	3.4	3.6	3,139	7,030	9.76
All share tenants	30	22.3	0.9	0.9	0.8	376	7,630	10.11	2.69	10	7.1	0.7	1.0	1.2	2,917	2,800	11.67
Other tenants	41	20.5	1.2	1.3	1.4	328	11,127	8.60	2.62	41	9.4	2.7	3.6	3.0	4,067	7,102	11.96
Area 9	4,132	25.4	100.0	100.0	100.0	458	1,942,088	12.27	2.68	2,825	8.0	100.0	100.0	100.0	3,104	525,784	10.50
Owners, part owners, and managers	3,839	26.2	92.9	95.0	94.3	461	1,834,814	12.30	2.67	2,593	8.1	91.8	93.5	92.3	3,146	490,616	10.62
Cash tenants	231	17.1	5.6	4.1	4.8	393	86,515	11.45	2.91	191	7.0	6.8	4.8	6.2	2,397	25,235	8.09
All share tenants	15	15.4	0.4	0.2	0.3	364	3,770	8.57	2.36	15	9.6	0.5	0.4	0.5	2,000	2,675	9.73
Other tenants	47	15.9	1.1	0.7	0.7	462	16,989	15.57	3.37	26	6.8	0.9	1.3	0.9	4,298	7,258	15.44
Area 6	1,708	75.3	100.0	100.0	100.0	2,064	3,897,225	50.78	2.46	689	8.7	100.0	100.0	100.0	1,375	86,510	9.72
Owners, part owners, and managers	1,503	73.4	88.0	85.3	86.3	2,041	3,342,880	50.47	2.47	624	8.4	90.6	89.4	84.9	1,448	81,280	10.76
Cash tenants	150	91.9	8.8	9.4	9.3	2,087	358,470	50.03	2.40	30	5.8	4.4	4.7	5.1	1,267	3,580	7.96
All share tenants	15	89.6	0.9	1.6	1.4	2,326	60,375	56.16	2.41	5	4.2	0.7	0.2	0.6	400	225	4.50
Other tenants	40	85.3	2.3	3.6	3.0	2,542	135,500	59.69	2.35	30	31.8	4.4	5.8	9.5	840	1,425	1.69
North Carolina, total	174,474	69.6	100.0	100.0	100.0	587	64,517,485	14.69	2.50	21,505	4.1	100.0	100.0	100.0	1,867	1,631,910	6.23
Owners, part owners, and managers	91,106	64.1	52.2	54.4	58.8	543	35,097,125	13.60	2.50	16,531	5.4	76.9	88.1	83.1	1,979	1,376,685	6.32
Cash tenants	2,010	68.4	1.2	1.2	1.1	625	785,157	16.19	2.59	126	1.8	0.6	0.4	0.5	1,542	7,218	5.80
All share tenants	33,949	77.2	19.5	20.6	19.2	630	13,404,205	15.88	2.52	2,152	1.8	10.0	5.6	7.4	1,421	118,900	6.13
Croppers	43,889	83.5	25.2	22.1	19.1	678	14,191,980	16.89	2.49	2,371	1.9	11.0	4.3	7.4	1,086	103,313	5.34
Other tenants	3,520	66.4	2.0	1.6	1.7	551	1,039,018	13.54	2.46	325	3.7	1.5	1.6	1.6	1,812	25,794	6.08
Areas 1 and A	12,800	37.3	100.0	100.0	100.0	555	1,853,997	12.88	2.32	3,389	8.0	100.0	100.0	100.0	2,375	121,386	3.93
Owners, part owners, and managers	11,320	37.1	88.4	92.8	93.7	549	1,720,902	12.75	2.32	3,254	8.3	96.0	97.0	97.4	2,367	118,156	3.93
Cash tenants	40	37.6	0.3	0.2	0.2	800	3,540	15.06	1.88	5	1.6	0.1	(Z)	(Z)	3,000	15	1.50
All share tenants	605	39.2	4.7	2.7	2.6	597	50,225	13.67	2.29	65	2.7	1.9	1.2	0.8	3,569	1,295	5.08
Croppers	595	46.7	4.6	3.0	2.4	710	54,365	16.04	2.26	30	3.2	0.9	0.7	0.7	2,087	960	4.17
Other tenants	240	34.6	1.9	1.2	1.2	586	24,965	14.69	2.51	35	6.5	1.0	1.0	1.0	2,375	960	3.00
Area 2	2,778	53.1	100.0	100.0	100.0	416	548,601	9.10	2.19	606	6.6	100.0	100.0	100.0	2,306	39,074	5.20
Owners, part owners, and managers	2,523	53.0	90.8	93.4	92.9	418	513,111	9.16	2.19	591	7.0	97.5	98.7	99.0	2,300	38,449	5.17
Cash tenants	15	67.9	0.5	0.2	0.6	119	1,110	3.00	2.52	...	..	...	...	...	...	...	...
All share tenants	105	40.6	3.8	2.5	2.6	405	13,225	8.45	2.09	5	1.0	0.8	0.6	0.5	2,500	250	6.25
Croppers	80	75.3	2.9	2.3	2.4	406	13,075	9.05	2.23	...	...	...	...	...	...	...	...
Other tenants	55	64.4	2.0	1.6	1.5	432	8,080	8.69	2.01	10	2.4	1.7	0.7	0.5	3,429	375	10.71
Areas 3, B, and C	29,451	58.7	100.0	100.0	100.0	585	7,691,768	14.35	2.45	2,632	3.0	100.0	100.0	100.0	2,109	179,570	6.50
Owners, part owners, and managers	15,236	56.6	51.7	58.5	64.6	530	4,559,538	13.16	2.48	2,207	3.9	83.9	87.8	87.5	2,117	155,975	6.46
Cash tenants	160	42.6	0.5	0.5	0.4	652	38,100	15.97	2.45	5	0.3	0.2	0.1	0.1	3,333	150	10.00
All share tenants	5,575	56.4	18.9	18.1	16.3	647	1,410,535	16.12	2.49	200	1.1	7.6	5.9	6.2	2,017	11,255	6.56
Croppers	7,775	72.6	26.4	20.7	16.5	733	1,520,540	17.20	2.34	155	1.0	5.9	4.1	4.3	2,000	8,545	7.12
Other tenants	705	60.2	2.4	2.2	2.1	612	163,055	14.35	2.34	65	2.8	2.5	2.1	1.9	2,262	3,645	6.81
Area 4a	5,833	55.4	100.0	100.0	100.0	417	1,643,815	9.66	2.32	1,001	5.3	100.0	100.0	100.0	2,128	109,067	6.72
Owners, part owners, and managers	4,878	55.5	83.6	89.3	91.4	407	1,468,260	9.44	2.32	936	5.6	93.5	97.1	97.0	2,130	106,067	6.74
Cash tenants	35	60.8	0.6	0.6	0.5	498	12,185	13.54	2.72	5	6.8	0.5	0.6	0.6	2,000	300	3.00
All share tenants	345	56.7	5.9	4.2	3.6	484	68,240	11.05	2.29	40	2.4	4.0	1.5	1.6	2,000	1,590	6.00
Croppers	485	68.8	8.3	5.2	3.5	621	86,105	14.48	2.33	10	0.6	1.0	0.3	0.3	1,818	320	5.82
Other tenants	90	28.7	1.5	0.6	0.9	286	9,025	5.86	2.05	10	1.2	1.0	0.5	0.4	2,462	790	12.15
Area 4b	5,149	66.3	100.0	100.0	100.0	364	2,099,832	8.25	2.26	1,618	8.9	100.0	100.0	100.0	2,048	243,314	7.11
Owners, part owners, and managers	4,194	65.8	81.5	88.4	87.7	368	1,825,252	8.18	2.23	1,463	9.0	90.4	92.0	88.9	2,120	222,699	7.32
Cash tenants	25	55.9	0.5	0.3	0.3	455	7,330	11.11	2.44	5	3.0	0.3	0.2	0.1	4,000	490	14.00
All share tenants	455	67.5	8.8	6.3	7.1	326	172,275	9.52	2.92	100	8.4	6.2	4.6	6.6	1,419	11,150	4.94
Croppers	375	72.4	7.3	3.0	2.9	367	55,520	7.44	2.02	20	7.3	1.2	1.0	2.2	967	3,285	4.35
Other tenants	100	74.8	1.9	2.0	2.0	351	39,455	7.57	2.16	30	10.9	1.9	2.2	2.2	2,000	5,690	7.49
Areas 5 and D	10,469	72.4	100.0	100.0	100.0	444	3,756,079	9.72	2.19	1,542	4.6	100.0	100.0	100.0	2,118	139,086	5.64
Owners, part owners, and managers	6,388	69.7	61.0	70.4	72.7	430	2,666,889	9.49	2.21	1,417	5.7	91.9	95.0	93.8	2,146	130,706	5.65
Cash tenants	151	60.4	1.4	1.0	1.0	436	39,140	9.95	2.28	15	1.8	1.0	0.4	0.5	1,739	535	4.65
All share tenants	1,300	77.7	12.4	11.4	10.8	471	418,105	10.05	2.13	65	1.8	4.2	3.1	3.9	1,675	5,940	6.22
Croppers	2,290	89.3	21.9	14.9	13.2	502	545,290	10.69	2.13	30	0.6	1.9	1.1	1.4	1,647	1,010	2.97
Other tenants	340	65.8	3.2	2.2	2.3	434	86,655	9.75	2.25	15	0.9	1.0	0.5	0.5	2,000	895	7.16
Areas 6 and E	27,175	76.4	100.0	100.0	100.0	671	10,377,014	17.30	2.58	1,401	1.6	100.0	100.0	100.0	1,883	87,473	7.00
Owners, part owners, and managers	12,241	71.6	45.0	48.4	50.7	641	5,116,794	16.83	2.63	1,066	2.4	76.1	84.9	81.9	1,953	70,563	6.90
Cash tenants	385	71.7	1.4	1.2	1.1	711	122,985	18.42	2.59	5	1.1	0.4	0.9	0.8	1,905	810	7.71
All share tenants	8,552	80.4	31.5	33.3	31.9	701	3,406,800	17.83	2.54	205	0.7	14.6	11.7	13.1	1,677	12,900	7.87
Croppers	5,501	88.7	20.2	15.8	14.9	711	1,593,250	17.85	2.51	100	0.5	7.1	2.3	3.8	1,116	2,780	5.85
Other tenants	496	71.5	1.8	1.4	1.4	639	137,185	15.84	2.48	25	0.4	1.8	0.3	0.4	1,556	420	9.33
Area 7	14,988	74.8	100.0	100.0	100.0	578	6,799,076	14.70	2.54	2,448	5.0	100.0	100.0	100.0	1,194	171,236	5.52
Owners, part owners, and managers	6,057	73.0	40.4	45.6	47.1	559	3,179,104	14.59	2.61	1,203	6.3	49.1	65.4	60.3	1,294	114,313	6.11
Cash tenants	451	69.5	3.0	2.7	3.0	513	198,057	14.09	2.75	49	2.6	2.0	1.8	1.7	1,294	2,998	5.72
All share tenants	2,461	75.9	16.4	17.6	18.2	557	1,153,160	13.68	2.45	420	3.8	17.2	10.5	13.5	931	18,755	4.48
Croppers	5,731	78.2	38.2	32.6	29.9	628	2,158,585	15.59	2.48	725	3.9	29.6	19.8	22.2	1,067	31,685	4.61
Other tenants	288	67.8	1.9	1.6	1.7	541	110,170	13.90	2.57	51	6.2	2.1	2.4	2.3	1,238	3,485	4.79

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Carolina—Continued																	
Area 8	27,048	83.0	100.0	100.0	100.0	685	12,388,975	17.85	2.60	1,780	1.8	100.0	100.0	100.0	1,215	89,392	5.86
Owners, part owners, and managers	6,699	75.6	24.8	28.5	30.3	645	3,587,030	17.07	2.65	567	2.4	31.9	62.5	44.1	1,720	44,907	6.67
Cash tenants	296	73.3	1.1	1.0	0.9	759	131,610	20.68	2.72	11	2.0	0.6	0.6	1.1	706	550	3.24
All share tenants	5,286	86.1	19.5	21.5	21.5	686	2,671,065	17.89	2.61	291	1.0	16.3	8.4	10.9	931	8,545	5.13
Croppers	14,325	87.5	53.0	47.6	45.7	714	5,834,275	18.39	2.57	880	1.7	49.4	25.5	41.4	748	32,725	5.19
Other tenants	442	78.9	1.6	1.3	1.6	561	164,995	14.67	2.62	31	2.7	1.7	3.1	2.5	1,500	2,665	7.01
Area 9	13,707	75.1	100.0	100.0	100.0	578	5,725,338	14.33	2.48	826	1.8	100.0	100.0	100.0	1,635	69,643	7.10
Owners, part owners, and managers	5,463	67.1	39.9	44.2	46.6	548	2,608,313	14.00	2.56	480	2.3	58.1	66.8	64.2	1,703	44,728	7.11
Cash tenants	191	74.1	1.4	1.8	1.7	633	105,880	15.71	2.48	5	0.2	0.6	0.1	0.2	667	115	7.67
All share tenants	5,587	85.0	40.8	40.5	38.6	606	2,279,060	14.76	2.44	255	1.3	30.9	22.3	23.3	1,562	17,025	7.45
Croppers	2,100	84.9	15.3	11.2	10.6	609	607,835	14.29	2.34	80	1.8	9.7	8.2	9.0	1,492	5,675	6.41
Other tenants	366	71.3	2.7	2.3	2.4	560	124,250	13.09	2.34	6	2.5	0.7	2.6	3.4	1,273	2,100	6.36
Area 10	4,323	78.3	100.0	100.0	100.0	586	2,911,471	14.70	2.51	910	8.3	100.0	100.0	100.0	1,852	150,306	7.17
Owners, part owners, and managers	3,016	76.9	69.8	72.5	74.1	573	2,104,783	14.34	2.50	739	9.6	81.2	88.9	87.9	1,874	131,196	7.12
Cash tenants	65	88.2	1.5	1.8	0.9	1,092	46,670	25.09	2.30	...	...	...	...	...	...	...	...
All share tenants	491	80.6	11.4	13.2	14.1	551	388,810	13.92	2.53	75	3.7	8.2	4.7	6.1	1,427	9,110	7.15
Croppers	710	85.9	16.4	11.8	10.0	690	347,660	17.57	2.55	95	4.1	10.4	3.8	4.6	1,539	7,500	7.85
Other tenants	41	73.9	0.9	0.8	0.9	522	23,548	13.89	2.66	1	13.1	0.1	2.6	1.4	3,333	2,500	8.33
Area 11	20,753	74.7	100.0	100.0	100.0	682	8,721,519	17.97	2.64	3,352	4.8	100.0	100.0	100.0	1,573	232,363	7.44
Owners, part owners, and managers	13,091	70.6	63.1	65.7	65.8	681	5,747,149	18.00	2.64	2,608	5.8	77.8	86.7	84.3	1,618	198,926	7.56
Cash tenants	196	78.0	0.9	0.9	0.9	693	78,550	18.23	2.63	21	2.8	0.6	0.6	0.5	1,871	1,255	8.10
All share tenants	3,187	82.4	15.4	15.6	16.2	658	1,372,705	17.51	2.66	431	3.0	12.9	8.5	9.2	1,458	21,085	7.37
Croppers	3,922	87.8	18.9	16.1	15.5	708	1,375,480	18.28	2.58	246	1.5	7.3	2.8	4.1	1,073	8,828	6.92
Other tenants	357	74.7	1.7	1.7	1.7	682	147,635	18.32	2.69	46	5.7	1.4	1.4	2.0	1,137	2,269	3.67
North Dakota, total	9,924	6.0	100.0	100.0	100.0	64	4,509,111	2.69	4.18	13	(Z)	100.0	100.0	100.0	857	166	1.19
Owners, part owners, and managers	7,954	6.1	80.1	82.7	82.6	64	3,755,519	2.71	4.21	12	(Z)	92.3	98.3	99.3	849	163	1.17
Cash tenants	57	4.9	0.6	0.7	0.4	108	27,208	3.86	3.56	...	...	...	...	...	...	...	...
All share tenants	1,830	5.5	18.4	15.5	16.0	62	674,716	2.51	4.03	1	(Z)	7.7	1.7	0.7	2,000	3	3.00
Other tenants	83	7.9	0.8	1.0	1.0	67	51,668	3.09	4.61	...	...	...	...	...	...	...	...
Area 1	537	1.1	100.0	100.0	100.0	73	165,042	3.09	4.24	3	(Z)	100.0	100.0	100.0	2,000	16	3.20
Owners, part owners, and managers	477	1.2	88.8	93.4	93.0	73	154,551	3.11	4.25	2	(Z)	66.7	80.0	80.0	2,000	13	3.25
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	59	0.5	11.0	5.5	6.4	63	9,291	2.72	4.30	1	(Z)	33.3	20.0	20.0	2,000	3	3.00
Other tenants	1	1.0	0.2	1.1	0.6	140	1,200	4.00	2.86	...	...	...	...	...	...	...	...
Area 2a	313	1.1	100.0	100.0	100.0	50	74,898	1.99	3.97	...	...	...	...	...	...	...	...
Owners, part owners, and managers	291	1.2	93.0	94.7	92.9	51	71,185	2.04	3.99	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	22	0.6	7.0	5.3	7.1	38	3,713	1.40	3.71	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2b	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...
Owners, part owners, and managers	105	0.3	88.2	95.8	95.1	51	14,812	2.05	4.03	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	14	0.1	11.8	4.2	4.9	43	647	1.75	4.04	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	2,359	6.1	100.0	100.0	100.0	43	858,356	1.99	4.61	10	(Z)	100.0	100.0	100.0	815	150	1.11
Owners, part owners, and managers	1,891	6.4	80.2	82.0	82.7	43	710,802	1.99	4.66	10	(Z)	100.0	100.0	100.0	815	150	1.11
Cash tenants	10	4.3	0.4	0.3	0.3	53	3,020	2.68	5.03	...	...	...	...	...	...	...	...
All share tenants	444	5.1	18.8	17.2	16.5	45	140,489	1.98	4.38	...	...	...	...	...	...	...	...
Other tenants	14	3.1	0.6	0.4	0.5	39	4,045	1.97	5.06	...	...	...	...	...	...	...	...
Area 3b	1,411	5.0	100.0	100.0	100.0	53	481,925	2.30	4.33	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,145	5.0	81.1	80.6	80.2	53	387,174	2.30	4.32	...	...	...	...	...	...	...	...
Cash tenants	1	1.9	0.1	0.3	0.2	78	1,350	3.51	4.50	...	...	...	...	...	...	...	...
All share tenants	265	5.2	18.8	19.1	19.6	52	93,401	2.27	4.39	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3c	960	4.4	100.0	100.0	100.0	71	265,223	2.89	4.06	...	...	...	...	...	...	...	...
Owners, part owners, and managers	676	4.6	70.4	80.2	79.9	71	211,033	2.88	4.03	...	...	...	...	...	...	...	...
Cash tenants	5	1.1	0.5	0.2	0.1	100	475	4.75	4.75	...	...	...	...	...	...	...	...
All share tenants	268	3.9	27.9	19.2	19.3	71	52,592	2.96	4.19	...	...	...	...	...	...	...	...
Other tenants	11	4.4	1.1	0.4	0.6	48	1,123	1.94	4.01	...	...	...	...	...	...	...	...
Area 4	4,225	23.6	100.0	100.0	100.0	77	2,648,20[illegible]	3.13	4.05	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,369	24.8	79.7	82.5	82.2	77	2,205,962	3.17	4.09	...	...	...	...	...	...	...	...
Cash tenants	41	20.2	1.0	1.0	0.6	122	22,363	4.11	3.37	...	...	...	...	...	...	...	...
All share tenants	758	18.6	17.9	15.0	15.6	75	374,583	2.84	3.81	...	...	...	...	...	...	...	...
Other tenants	57	30.6	1.3	1.5	1.6	70	45,300	3.29	4.67	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Ohio, total	110,820	52.2	100.0	100.0	100.0	289	49,332,674	7.74	2.67	40,502	6.4	100.0	100.0	100.0	3,702	5,947,606	7.64
Owners, part owners, and managers	86,670	50.8	78.2	72.1	70.2	297	35,635,828	7.96	2.68	33,430	6.9	82.5	77.8	78.3	3,677	4,715,657	7.74
Cash tenants	2,129	53.3	1.9	1.8	1.7	297	875,060	7.99	2.69	764	6.1	1.9	1.5	1.6	3,481	98,910	7.92
All share tenants	19,899	56.7	18.0	24.4	26.2	269	11,950,421	7.16	2.66	5,632	4.8	13.9	18.7	18.3	3,789	1,017,289	7.15
Other tenants	2,122	50.6	1.9	1.7	1.9	269	871,365	7.32	2.72	676	6.1	1.7	2.0	1.8	4,051	115,750	8.08
Areas 1 and A	16,536	52.8	100.0	100.0	100.0	272	8,288,810	7.47	2.75	3,205	2.9	100.0	100.0	100.0	2,780	357,103	5.86
Owners, part owners, and managers	11,575	52.1	70.0	68.4	66.8	279	5,702,565	7.70	2.76	2,355	3.1	73.5	75.5	72.2	2,908	251,898	5.73
Cash tenants	285	58.3	1.7	1.4	1.3	282	114,980	7.81	2.77	30	2.2	0.9	0.4	0.9	1,257	1,765	3.12
All share tenants	4,446	54.2	26.9	29.2	30.8	258	2,383,790	6.98	2.71	800	2.5	25.0	23.5	25.9	2,518	101,440	6.43
Other tenants	230	48.8	1.4	1.0	1.1	258	87,475	7.23	2.80	20	2.3	0.6	0.6	0.9	1,774	2,000	3.48
Area 2	17,069	56.3	100.0	100.0	100.0	258	8,667,623	6.94	2.70	4,878	5.0	100.0	100.0	100.0	3,781	670,946	6.01
Owners, part owners, and managers	12,229	55.4	71.6	66.3	65.9	259	5,749,174	7.00	2.70	3,506	5.1	71.9	66.8	68.3	3,702	460,956	6.05
Cash tenants	211	58.4	1.2	0.9	0.9	257	81,200	7.24	2.82	41	4.1	0.8	0.6	0.7	3,154	4,445	5.70
All share tenants	4,319	58.2	25.3	31.3	31.5	256	2,710,489	6.90	2.69	1,281	5.0	26.3	31.4	30.1	3,941	199,245	5.94
Other tenants	310	56.8	1.8	1.5	1.8	214	126,760	5.77	2.69	50	2.7	1.0	1.2	0.9	4,929	6,300	5.97
Areas 3, B, C, and D	23,152	58.7	100.0	100.0	100.0	276	13,199,781	7.46	2.70	5,074	4.4	100.0	100.0	100.0	3,849	966,661	7.20
Owners, part owners, and managers	15,870	57.7	68.5	62.0	60.9	281	8,260,361	7.66	2.73	3,607	4.8	71.1	63.9	66.6	3,694	623,484	6.98
Cash tenants	417	53.9	1.8	1.6	1.7	268	215,385	7.21	2.69	67	2.8	1.3	1.3	1.2	4,124	10,570	6.71
All share tenants	6,290	60.9	27.2	33.8	34.7	269	4,364,645	7.10	2.64	1,280	3.9	25.2	31.9	29.3	4,196	305,707	7.79
Other tenants	575	57.8	2.5	2.6	2.7	267	359,390	7.53	2.82	120	4.9	2.4	3.0	3.0	3,816	26,900	6.69
Areas 4a and E	4,446	54.6	100.0	100.0	100.0	350	2,220,895	8.92	2.55	2,204	8.7	100.0	100.0	100.0	4,284	280,207	7.04
Owners, part owners, and managers	3,865	53.7	86.9	83.5	81.8	358	1,845,230	9.07	2.54	1,878	8.3	85.2	80.9	79.4	4,363	228,654	7.23
Cash tenants	85	38.4	1.9	1.2	1.3	312	25,080	7.79	2.49	40	4.1	1.8	0.9	0.9	4,609	3,280	9.51
All share tenants	406	61.5	9.1	14.1	15.5	319	321,360	8.35	2.62	256	11.8	11.6	16.9	18.5	3,909	44,168	5.98
Other tenants	90	59.3	2.0	1.2	1.5	292	29,225	7.84	2.69	30	7.5	1.4	1.3	1.2	4,596	4,105	8.73
Area 4b	8,292	54.7	100.0	100.0	100.0	306	3,266,351	7.99	2.61	5,301	11.9	100.0	100.0	100.0	3,682	818,170	9.19
Owners, part owners, and managers	6,816	53.9	82.2	80.8	79.7	310	2,649,746	8.12	2.62	4,320	11.6	81.5	78.8	79.0	3,671	647,110	9.20
Cash tenants	415	60.7	5.0	4.3	4.4	297	136,130	7.55	2.54	260	14.3	4.9	4.1	4.8	3,181	33,750	7.97
All share tenants	896	57.7	10.8	13.2	14.0	289	427,340	7.44	2.58	621	12.3	11.7	14.3	13.7	3,832	112,995	9.26
Other tenants	165	55.5	2.0	1.7	1.8	280	53,135	7.14	2.54	100	16.6	1.9	2.8	2.5	4,157	24,315	10.93
Areas 5, F, G, and H	9,999	49.7	100.0	100.0	100.0	348	3,371,775	9.09	2.61	6,287	12.9	100.0	100.0	100.0	3,934	938,721	9.75
Owners, part owners, and managers	9,203	49.3	92.0	89.0	89.8	345	2,998,610	9.00	2.61	5,751	12.8	91.5	90.4	89.9	3,957	853,096	9.86
Cash tenants	286	59.8	2.9	4.3	3.9	381	148,185	10.14	2.66	156	11.3	2.5	2.3	2.9	3,193	19,720	7.13
All share tenants	305	54.1	3.1	5.2	4.7	385	174,750	10.08	2.62	255	16.6	4.1	5.3	5.5	3,746	48,850	9.20
Other tenants	205	39.8	2.1	1.5	1.6	338	50,230	8.67	2.56	125	11.5	2.0	2.0	1.7	4,549	17,055	10.18
Area 6a	6,589	52.0	100.0	100.0	100.0	301	3,039,184	8.07	2.68	2,557	8.3	100.0	100.0	100.0	3,469	466,043	7.75
Owners, part owners, and managers	5,453	52.2	82.8	78.6	78.4	302	2,381,404	8.06	2.67	2,172	9.0	84.9	82.8	84.9	3,387	384,178	7.53
Cash tenants	80	47.2	1.2	1.0	1.1	276	28,950	7.14	2.58	30	6.1	1.2	0.5	0.9	2,135	2,525	4.86
All share tenants	955	51.8	14.5	19.2	19.1	303	590,890	8.19	2.71	330	5.8	12.9	15.5	13.4	4,016	73,920	9.15
Other tenants	101	48.6	1.5	1.2	1.4	267	37,940	7.20	2.69	25	4.7	1.0	1.1	0.8	4,392	5,420	10.63
Areas 6b and J	7,959	37.6	100.0	100.0	100.0	333	2,333,996	9.01	2.71	4,746	11.1	100.0	100.0	100.0	3,647	678,503	8.90
Owners, part owners, and managers	7,268	37.1	91.3	88.4	88.1	334	2,053,546	9.00	2.69	4,340	11.1	91.4	89.5	89.3	3,654	603,476	8.87
Cash tenants	180	42.4	2.3	2.9	2.6	361	69,915	10.22	2.84	90	7.8	1.9	2.3	1.6	5,203	18,430	14.69
All share tenants	346	47.3	4.3	6.4	7.0	303	156,660	8.61	2.84	211	11.8	4.4	5.9	6.0	3,617	40,992	9.02
Other tenants	165	30.8	2.1	2.4	2.2	351	53,875	9.32	2.66	105	12.5	2.2	2.3	3.1	2,698	15,605	6.64
Areas 7 and K	8,099	41.8	100.0	100.0	100.0	314	2,939,490	7.96	2.54	2,804	7.2	100.0	100.0	100.0	3,873	366,967	5.80
Owners, part owners, and managers	6,391	40.1	78.9	73.0	69.8	329	2,158,688	8.38	2.55	2,247	7.4	80.1	76.4	75.2	3,934	281,927	5.93
Cash tenants	70	41.3	0.9	1.2	1.3	295	36,780	7.94	2.69	5	1.1	0.2	0.3	0.2	5,440	1,075	8.60
All share tenants	1,503	47.2	18.6	24.5	27.5	279	707,787	6.96	2.49	492	6.9	17.5	21.1	23.4	3,491	76,850	5.20
Other tenants	135	35.5	1.7	1.3	1.4	297	36,235	7.20	2.43	60	5.4	2.1	2.2	1.2	7,197	7,115	9.36
Areas 8a and L	3,746	37.0	100.0	100.0	100.0	334	997,766	8.85	2.65	1,206	7.2	100.0	100.0	100.0	3,365	161,318	7.36
Owners, part owners, and managers	3,459	36.5	92.3	90.7	88.1	343	908,621	7.14	2.66	1,155	7.7	95.8	93.4	95.2	3,300	152,533	7.31
Cash tenants	30	40.7	0.8	0.7	1.1	201	8,580	7.00	3.49	10	4.3	0.8	0.5	0.6	2,692	625	4.81
All share tenants	211	39.2	5.6	7.2	8.7	274	66,330	6.74	2.46	35	2.9	2.9	4.6	3.3	4,783	7,010	9.80
Other tenants	46	48.0	1.2	1.5	2.1	243	14,235	6.11	2.52	6	4.1	0.5	1.5	0.9	5,560	1,150	5.75
Area 8b	4,933	31.9	100.0	100.0	100.0	373	1,007,003	9.95	2.67	2,240	7.9	100.0	100.0	100.0	3,631	242,967	9.74
Owners, part owners, and managers	4,541	32.0	92.1	92.0	91.9	373	927,883	9.98	2.68	2,099	8.1	93.7	93.0	94.8	3,561	228,345	9.66
Cash tenants	70	27.5	1.4	1.1	1.1	367	9,875	8.94	2.43	35	4.7	1.6	1.4	0.8	6,526	2,725	14.34
All share tenants	222	32.3	4.5	4.8	5.2	342	46,380	8.80	2.58	71	3.8	3.2	3.1	2.5	4,542	6,112	9.79
Other tenants	100	29.5	2.0	2.2	1.8	453	22,865	12.56	2.77	35	7.9	1.6	2.5	1.9	4,701	5,785	11.93

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oklahoma, total	24,735	13.4	100.0	100.0	100.0	125	6,730,958	3.57	2.86	1,733	0.4	100.0	100.0	100.0	2,606	259,392	4.73
Owners, part owners, and managers	18,534	13.4	74.9	79.8	76.2	131	5,310,411	3.70	2.83	1,474	0.4	85.1	85.6	80.3	2,779	219,281	4.99
Cash tenants	1,106	12.4	4.5	2.6	2.6	127	167,384	3.42	2.69	52	0.2	3.0	1.6	1.7	2,476	2,785	2.95
All share tenants	4,570	13.6	18.5	15.9	19.5	102	1,140,028	3.11	3.05	172	0.3	9.9	10.6	14.7	1,877	29,881	3.71
Croppers	237	11.6	1.0	0.9	0.8	131	59,255	3.84	2.94	25	1.1	1.4	1.5	2.7	1,512	4,055	2.79
Other tenants	288	13.9	1.2	0.8	0.9	112	53,880	3.25	2.90	10	0.3	0.6	0.7	0.7	2,603	3,390	9.29
Area 1	874	1.7	100.0	100.0	100.0	92	168,578	2.79	3.03	...	...	...	...	...	...	...	...
Owners, part owners, and managers	682	1.7	78.0	81.7	79.8	95	136,907	2.84	3.01	...	...	...	...	...	...	...	...
Cash tenants	32	3.4	3.7	2.1	3.0	66	2,771	1.55	2.35	...	...	...	...	...	...	...	...
All share tenants	157	1.5	18.0	15.4	15.8	90	27,422	2.87	3.20	...	...	...	...	...	...	...	...
Croppers	3	2.9	0.3	0.8	1.4	51	1,478	1.73	3.36	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	4,705	18.8	100.0	100.0	100.0	78	1,624,221	2.86	3.65	369	0.4	100.0	100.0	100.0	2,861	75,165	6.31
Owners, part owners, and managers	3,233	18.8	68.7	72.0	70.0	81	1,154,424	2.91	3.61	302	0.4	81.8	88.8	72.1	3,521	65,495	7.62
Cash tenants	116	12.0	2.5	1.1	1.1	78	15,165	2.47	3.16	5	0.1	1.4	0.7	0.5	4,000	250	4.17
All share tenants	1,249	19.9	26.5	25.2	27.1	73	422,515	2.75	3.78	62	0.4	16.8	10.5	27.4	1,098	9,420	2.89
Croppers	56	9.1	1.2	0.9	0.7	102	15,447	3.96	3.90	...	...	...	...	...	...	...	...
Other tenants	51	18.8	1.1	0.9	1.1	60	16,670	2.57	4.30	...	...	...	...	...	...	...	...
Areas 3 and 4	2,885	25.9	100.0	100.0	100.0	161	1,075,195	4.34	2.70	395	1.5	100.0	100.0	100.0	2,873	64,360	4.56
Owners, part owners, and managers	2,390	25.8	82.8	84.9	84.2	162	921,750	4.42	2.73	348	1.5	88.1	91.4	88.5	2,968	60,060	4.81
Cash tenants	120	15.1	4.2	3.6	2.8	208	34,810	5.03	2.42	22	1.4	5.6	3.7	4.4	2,416	1,800	2.88
All share tenants	337	32.9	11.7	10.7	12.1	143	110,960	3.71	2.60	25	1.1	6.3	4.8	7.1	1,970	2,500	2.51
Croppers	12	28.2	0.4	0.3	0.5	92	3,190	2.61	2.85	...	...	...	...	...	...	...	...
Other tenants	26	11.9	0.9	0.5	0.5	169	4,485	3.71	2.20	...	...	...	...	...	...	...	...
Area 4	4,036	9.3	100.0	100.0	100.0	105	898,414	3.06	2.91	17	(Z)	100.0	100.0	100.0	1,584	5,097	4.59
Owners, part owners, and managers	2,743	9.0	68.0	73.1	71.5	107	648,016	3.08	2.87	11	(Z)	64.7	31.7	18.9	2,657	1,197	5.70
Cash tenants	282	14.5	7.0	4.9	5.1	102	48,245	3.23	3.17	...	...	...	...	...	...	...	...
All share tenants	935	9.4	23.2	20.0	21.7	97	185,748	2.92	3.01	6	0.9	35.3	68.3	81.1	1,333	3,900	4.33
Croppers	61	13.6	1.5	1.6	1.2	135	11,410	3.11	2.30	...	...	...	...	...	...	...	...
Other tenants	15	7.0	0.4	0.4	0.5	74	4,995	3.29	4.46	...	...	...	...	...	...	...	...
Areas 5 and 8	3,691	24.2	100.0	100.0	100.0	139	911,036	3.62	2.61	251	0.5	100.0	100.0	100.0	2,286	24,402	4.42
Owners, part owners, and managers	2,792	25.4	75.6	80.1	76.5	145	726,693	3.78	2.60	205	0.6	81.7	81.2	86.5	2,144	20,081	4.20
Cash tenants	247	14.9	6.7	3.4	4.0	118	31,250	3.09	2.62	20	0.3	8.0	4.1	4.3	2,213	665	2.83
All share tenants	579	23.1	15.7	15.0	18.0	115	139,818	3.09	2.67	26	0.3	10.4	14.7	9.2	3,646	3,656	7.18
Croppers	27	12.0	0.7	0.4	0.4	150	3,185	3.06	2.04	...	...	...	...	...	...	...	...
Other tenants	46	23.1	1.2	1.0	1.1	126	10,090	3.67	2.90	...	...	...	...	...	...	...	...
Area 6	1,629	17.8	100.0	100.0	100.0	168	344,469	4.22	2.51	96	0.7	100.0	100.0	100.0	3,214	14,825	4.78
Owners, part owners, and managers	1,222	18.5	75.0	82.9	82.6	169	281,919	4.18	2.48	85	0.8	88.5	94.1	94.8	3,188	14,225	4.83
Cash tenants	76	12.1	4.7	3.6	3.0	203	10,810	4.39	2.16	5	0.1	5.2	0.7	0.8	2,800	70	2.80
All share tenants	283	16.2	17.4	12.0	13.0	155	46,400	4.38	2.83	6	0.2	6.2	5.2	4.4	3,852	530	3.93
Croppers	12	24.2	0.7	0.9	0.5	279	2,445	5.69	2.04	...	...	...	...	...	...	...	...
Other tenants	36	15.3	2.2	0.6	0.9	114	2,895	3.91	3.45	...	...	...	...	...	...	...	...
Area 7a	969	10.7	100.0	100.0	100.0	170	220,358	4.46	2.61	80	0.3	100.0	100.0	100.0	2,025	4,640	3.47
Owners, part owners, and managers	722	10.7	74.5	82.9	80.3	176	178,739	4.50	2.56	80	0.4	100.0	100.0	100.0	2,025	4,640	3.47
Cash tenants	62	8.3	6.4	3.1	4.5	119	7,500	3.38	2.84	...	...	...	...	...	...	...	...
All share tenants	153	11.6	15.8	11.5	12.6	156	28,624	4.60	2.95	...	...	...	...	...	...	...	...
Croppers	15	14.5	1.5	1.0	1.5	108	3,300	4.34	4.02	...	...	...	...	...	...	...	...
Other tenants	17	11.3	1.8	1.4	1.1	218	2,195	3.92	1.80	...	...	...	...	...	...	...	...
Area 7b	1,138	23.6	100.0	100.0	100.0	162	232,325	3.45	2.12	39	0.4	100.0	100.0	100.0	1,722	8,513	6.76
Owners, part owners, and managers	844	23.6	74.2	82.6	81.0	166	191,125	3.50	2.11	34	0.4	87.2	63.1	76.6	1,420	5,263	5.45
Cash tenants	22	18.6	1.9	1.6	1.3	209	4,030	4.69	2.24	...	...	...	...	...	...	...	...
All share tenants	232	23.2	20.4	13.0	15.0	141	31,125	3.08	2.19	...	...	...	...	...	...	...	...
Croppers	5	18.6	0.4	(Z)	0.1	100	125	3.12	3.12	...	...	...	...	...	...	...	...
Other tenants	35	27.9	3.1	2.7	2.6	169	5,920	3.35	1.99	5	4.7	12.8	36.9	23.4	2,712	3,250	11.02
Area 8a	2,267	25.1	100.0	100.0	100.0	167	694,791	4.62	2.77	231	1.3	100.0	100.0	100.0	2,890	32,960	4.29
Owners, part owners, and managers	1,692	25.7	74.6	80.3	78.3	171	571,401	4.86	2.84	180	1.2	77.9	73.0	71.4	2,954	22,905	4.17
Cash tenants	62	17.1	2.7	1.0	1.0	165	5,676	3.66	2.22	...	...	...	...	...	...	...	...
All share tenants	453	24.5	20.0	16.9	19.2	147	107,809	3.73	2.54	36	1.6	15.6	23.1	24.6	2,720	8,700	4.60
Croppers	30	17.4	1.3	1.2	0.9	218	6,980	5.08	2.33	15	3.9	6.5	3.8	4.0	2,787	1,355	4.44
Other tenants	30	11.5	1.3	0.5	0.5	168	2,925	3.77	2.25	...	...	...	...	...	...	...	...
Area 8b	937	22.7	100.0	100.0	100.0	193	223,129	4.97	2.57	94	1.4	100.0	100.0	100.0	1,849	8,533	3.12
Owners, part owners, and managers	869	22.2	92.7	90.6	87.7	200	198,977	5.06	2.53	79	0.7	84.0	59.7	45.9	2,405	4,978	3.97
Cash tenants	10	18.5	1.1	0.8	0.9	171	1,955	4.65	2.72	...	...	...	...	...	...	...	...
All share tenants	47	25.2	5.0	6.1	7.3	162	13,302	4.07	2.52	10	2.7	10.6	16.6	13.0	2,366	1,155	3.25
Croppers	6	47.9	0.6	2.3	4.0	112	8,650	4.81	4.28	5	30.0	5.3	23.7	41.1	1,067	2,400	2.13
Other tenants	5	3.5	0.5	0.1	0.1	200	245	4.90	2.45	...	...	...	...	...	...	...	...
Area 9	1,604	18.1	100.0	100.0	100.0	187	338,442	4.88	2.61	161	1.6	100.0	100.0	100.0	1,946	20,897	3.46
Owners, part owners, and managers	1,345	17.9	83.9	89.5	88.4	189	300,460	4.90	2.59	150	1.7	93.2	97.3	98.3	1,926	20,437	3.45
Cash tenants	77	15.5	4.8	1.6	2.2	135	5,172	3.43	2.54	...	...	...	...	...	...	...	...
All share tenants	145	23.6	9.0	6.9	7.9	164	26,305	4.80	2.92	1	(Z)	0.6	0.2	0.2	2,000	20	2.00
Croppers	10	13.5	0.6	0.8	0.5	320	3,045	9.37	2.93	5	1.0	3.1	1.3	0.4	6,000	300	12.00
Other tenants	27	12.7	1.7	1.2	1.1	218	3,460	4.71	2.16	5	1.2	3.1	1.3	1.2	2,143	140	2.00

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oregon, total	17,483	23.8	100.0	100.0	100.0	226	11,375,165	8.91	3.94	1,369	0.4	100.0	100.0	100.0	3,000	321,946	15.31
Owners, part owners, and managers	15,805	23.8	90.4	87.9	86.0	231	9,881,171	8.99	3.90	1,276	0.4	93.2	85.1	89.3	2,859	272,962	14.54
Cash tenants	348	26.0	2.0	2.0	1.6	286	228,087	11.24	3.93	25	0.4	1.8	1.9	1.5	3,869	5,850	19.18
All share tenants	1,226	23.5	7.0	9.6	11.8	183	1,219,456	8.07	4.41	62	0.3	4.5	12.4	8.9	4,214	41,364	22.20
Other tenants	104	17.6	0.6	0.5	0.5	205	46,451	6.91	3.38	6	0.2	0.4	0.6	0.4	4,500	1,770	22.12
Area 1a	1,053	12.2	100.0	100.0	100.0	296	218,226	10.48	3.55	151	0.8	100.0	100.0	100.0	5,551	33,386	26.04
Owners, part owners, and managers	962	12.9	91.4	91.9	91.6	297	200,061	10.50	3.54	136	0.8	90.1	94.2	92.6	5,650	31,116	26.21
Cash tenants	20	4.2	1.9	1.6	1.3	349	4,320	15.71	4.50	...	...	...	...	...	...	...	...
All share tenants	60	10.9	5.7	4.4	6.2	208	10,005	7.76	3.73	15	0.8	9.9	5.8	7.4	4,316	2,270	23.89
Other tenants	11	3.8	1.0	2.1	0.9	684	3,840	19.90	2.91	...	...	...	...	...	...	...	...
Area 1b	1,148	28.4	100.0	100.0	100.0	242	397,834	7.44	3.07	105	0.8	100.0	100.0	100.0	2,753	16,616	11.27
Owners, part owners, and managers	1,085	28.0	94.5	92.8	92.2	244	375,701	7.62	3.13	104	0.8	99.0	94.1	96.6	2,681	15,536	10.91
Cash tenants	16	12.8	1.4	0.8	0.9	210	3,657	7.39	3.52	...	...	...	...	...	...	...	...
All share tenants	25	35.4	2.2	2.3	1.9	295	5,930	5.99	2.03	...	...	...	...	...	...	...	...
Other tenants	22	48.1	1.9	4.2	5.0	200	12,546	4.65	2.32	1	0.9	1.0	5.9	3.4	4,800	1,080	21.60
Areas 2a and A	7,019	42.4	100.0	100.0	100.0	285	3,193,132	11.36	3.99	742	1.2	100.0	100.0	100.0	3,157	122,191	15.45
Owners, part owners, and managers	6,612	42.2	94.2	92.8	92.3	287	2,957,215	11.40	3.98	691	1.2	93.1	87.5	89.9	3,073	109,279	15.37
Cash tenants	160	45.8	2.3	2.7	2.2	344	87,560	14.00	4.07	25	2.2	3.4	4.7	3.9	3,869	5,850	19.18
All share tenants	222	45.3	3.2	4.1	4.9	242	133,482	9.77	4.04	21	1.5	2.8	7.3	5.8	3,935	6,372	13.85
Other tenants	25	40.5	0.4	0.4	0.6	190	14,875	8.20	4.32	5	0.7	0.7	0.5	0.4	4,000	690	23.00
Area 2b	3,341	50.0	100.0	100.0	100.0	236	2,821,179	8.98	3.81	319	1.4	100.0	100.0	100.0	2,815	141,231	15.62
Owners, part owners, and managers	3,041	48.8	91.0	86.7	86.5	236	2,404,265	8.85	3.74	293	1.4	91.8	77.9	85.5	2,564	108,509	14.03
Cash tenants	60	68.2	1.8	1.9	2.2	208	53,205	7.68	3.69	...	...	...	...	...	...	...	...
All share tenants	225	60.1	6.7	11.3	11.2	237	361,014	10.22	4.31	26	2.2	8.2	22.1	14.5	4,304	32,722	25.02
Other tenants	15	8.8	0.4	0.1	0.1	197	2,695	8.84	4.49	...	...	...	...	...	...	...	...
Area 3	1,392	17.9	100.0	100.0	100.0	81	1,635,120	5.04	6.26	11	(Z)	100.0	100.0	100.0	960	136	5.44
Owners, part owners, and managers	1,131	18.5	81.2	81.1	79.0	83	1,316,580	5.14	6.22	11	(Z)	100.0	100.0	100.0	960	136	5.44
Cash tenants	7	12.5	0.5	0.1	0.3	35	2,833	3.34	9.44	...	...	...	...	...	...	...	...
All share tenants	240	16.5	17.2	18.5	20.4	73	310,857	4.69	6.44	...	...	...	...	...	...	...	...
Other tenants	14	7.9	1.0	0.3	0.3	72	4,850	4.62	6.38	...	...	...	...	...	...	...	...
Area 4	3,530	14.8	100.0	100.0	100.0	315	3,109,674	10.99	3.49	41	0.1	100.0	100.0	100.0	1,130	8,386	6.47
Owners, part owners, and managers	2,974	14.1	84.2	85.6	85.9	313	2,627,349	10.81	3.45	41	0.1	100.0	100.0	100.0	1,130	8,386	6.47
Cash tenants	85	14.8	2.4	2.2	1.9	361	76,512	13.92	3.86	...	...	...	...	...	...	...	...
All share tenants	454	24.6	12.9	11.9	11.9	316	398,168	11.85	3.75	...	...	...	...	...	...	...	...
Other tenants	17	10.8	0.5	0.3	0.2	340	7,645	11.60	3.41	...	...	...	...	...	...	...	...
Pennsylvania, total	70,395	46.1	100.0	100.0	100.0	381	28,970,202	9.83	2.58	33,611	9.0	100.0	100.0	100.0	2,714	4,496,230	7.76
Owners, part owners, and managers	62,270	44.9	88.5	86.1	85.2	385	25,063,376	9.98	2.59	30,654	9.4	91.2	91.2	90.6	2,734	4,097,692	7.81
Cash tenants	2,062	51.4	2.9	3.4	3.3	392	1,004,682	10.19	2.60	866	8.3	2.6	2.6	2.8	2,521	114,170	7.15
All share tenants	4,627	57.2	6.6	8.6	9.4	350	2,369,894	8.56	2.45	1,525	6.1	4.5	4.6	5.1	2,487	215,605	7.35
Other tenants	1,436	45.2	2.0	1.9	2.1	349	532,250	8.79	2.52	566	6.9	1.7	1.6	1.6	2,669	68,763	7.43
Areas 1a, A, and B	6,692	44.0	100.0	100.0	100.0	369	2,178,697	9.90	2.68	3,764	10.3	100.0	100.0	100.0	3,249	447,858	8.69
Owners, part owners, and managers	6,412	43.6	95.8	95.2	94.7	371	2,076,857	9.97	2.69	3,604	10.3	95.7	96.0	95.5	3,267	430,698	8.75
Cash tenants	110	41.8	1.6	2.0	1.8	416	40,755	10.20	2.46	50	7.9	1.3	1.3	1.5	2,967	6,280	8.32
All share tenants	85	64.6	1.3	1.4	2.2	235	29,025	6.12	2.60	65	12.9	1.7	1.4	1.8	2,389	4,570	4.81
Other tenants	85	49.7	1.3	1.4	1.3	386	32,060	10.90	2.82	45	10.3	1.2	1.3	1.2	3,557	6,310	10.34
Area 1b	3,867	37.0	100.0	100.0	100.0	329	1,039,040	8.51	2.59	2,449	11.2	100.0	100.0	100.0	3,023	312,272	8.44
Owners, part owners, and managers	3,711	37.5	96.0	96.0	96.2	328	998,116	8.50	2.59	2,379	11.6	97.1	97.6	97.9	3,016	304,932	8.42
Cash tenants	40	23.0	1.0	0.8	0.8	334	8,080	8.12	2.43	15	7.2	0.6	0.9	0.8	3,290	2,985	9.63
All share tenants	66	33.7	1.7	1.7	1.9	303	18,264	7.99	2.64	35	5.2	1.4	1.0	0.9	3,229	2,810	8.03
Other tenants	50	24.2	1.3	1.4	1.1	435	14,580	11.00	2.53	20	2.2	0.8	0.4	0.3	4,083	1,545	12.88
Area 2	6,539	23.9	100.0	100.0	100.0	365	1,567,173	9.31	2.55	4,634	11.2	100.0	100.0	100.0	2,749	760,533	9.69
Owners, part owners, and managers	6,179	23.9	94.5	94.9	94.4	368	1,488,548	9.37	2.55	4,394	11.1	94.8	95.0	94.3	2,768	723,623	9.77
Cash tenants	110	27.9	1.7	1.0	1.2	303	14,815	7.43	2.45	65	10.8	1.4	0.9	1.0	2,506	7,630	9.91
All share tenants	135	26.4	2.1	2.7	3.0	326	42,880	8.41	2.58	90	12.6	1.9	2.6	3.1	2,263	19,935	8.19
Other tenants	115	18.1	1.8	1.4	1.4	364	20,930	8.91	2.45	85	9.6	1.8	1.6	1.6	2,718	9,345	7.54
Area 3	2,069	47.3	100.0	100.0	100.0	360	844,823	9.65	2.68	1,031	9.4	100.0	100.0	100.0	2,510	106,942	6.13
Owners, part owners, and managers	1,904	46.1	92.0	88.5	88.9	358	744,328	9.56	2.67	921	9.4	89.3	89.2	91.4	2,450	95,677	6.00
Cash tenants	45	59.3	2.2	4.0	2.9	490	35,550	13.86	2.83	35	9.0	3.4	3.0	2.2	3,333	3,545	9.09
All share tenants	85	57.7	4.1	5.6	6.0	334	45,150	8.62	2.58	55	7.3	5.3	4.1	3.8	2,712	4,435	6.72
Other tenants	35	67.8	1.7	2.0	2.1	337	19,795	10.59	3.14	20	16.5	1.9	3.8	2.6	3,626	3,285	7.22

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Pennsylvania—Continued																	
Area 4a	3,557	38.2	100.0	100.0	100.0	308	1,022,001	8.14	2.64	2,221	12.1	100.0	100.0	100.0	2,677	289,620	7.30
Owners, part owners, and managers	3,412	38.5	95.9	96.5	96.4	308	983,871	8.13	2.64	2,146	12.0	96.6	95.8	95.2	2,696	279,805	7.42
Cash tenants	35	31.4	1.0	0.7	0.8	265	8,235	7.73	2.92	15	6.8	0.7	0.6	0.6	2,957	1,325	5.76
All share tenants	70	34.5	2.0	2.2	2.1	321	23,315	8.83	2.75	40	14.7	1.8	2.3	2.8	2,124	5,640	5.01
Other tenants	40	26.3	1.1	0.6	0.6	288	6,580	8.17	2.84	20	18.3	0.9	1.3	1.4	2,429	2,850	5.09
Area D	4,002	26.4	100.0	100.0	100.0	323	932,610	8.33	2.58	2,613	9.6	100.0	100.0	100.0	2,910	342,330	8.43
Owners, part owners, and managers	3,657	27.0	91.4	93.1	92.5	325	870,040	8.40	2.58	2,433	9.8	93.1	92.4	92.2	2,914	316,485	8.45
Cash tenants	170	19.9	4.2	3.4	3.4	323	32,970	8.71	2.69	95	8.4	3.6	5.1	3.9	3,738	15,040	9.40
All share tenants	65	18.7	1.6	1.4	1.5	293	11,160	6.66	2.28	40	11.1	1.5	1.5	2.4	1,769	6,595	6.63
Other tenants	110	25.7	2.7	2.1	2.6	263	18,440	6.36	2.42	45	5.0	1.7	1.1	1.4	2,281	4,210	7.39
Areas 4b and E	3,501	35.5	100.0	100.0	100.0	367	1,215,095	9.41	2.56	1,867	10.1	100.0	100.0	100.0	2,707	275,070	7.51
Owners, part owners, and managers	3,321	35.6	94.9	93.8	94.0	366	1,135,560	9.36	2.55	1,782	10.1	95.4	93.8	94.4	2,693	256,355	7.42
Cash tenants	85	47.3	2.4	4.0	2.9	504	50,580	13.58	2.70	25	7.2	1.3	1.4	1.6	2,404	4,425	7.76
All share tenants	45	28.7	1.3	0.9	1.6	216	12,220	6.05	2.80	35	14.4	1.9	2.8	2.8	2,778	8,240	8.12
Other tenants	50	26.5	1.4	1.3	1.5	305	16,735	8.39	2.75	25	6.4	1.3	1.9	1.3	3,979	6,050	12.60
Areas 5 and F	7,932	49.2	100.0	100.0	100.0	297	2,875,002	7.48	2.52	2,915	6.9	100.0	100.0	100.0	2,955	442,730	8.23
Owners, part owners, and managers	6,820	48.4	86.0	84.4	82.7	303	2,424,830	7.63	2.52	2,584	7.1	88.6	87.8	86.4	3,000	383,200	8.24
Cash tenants	262	50.9	3.3	3.3	3.3	299	102,947	8.21	2.75	91	11.6	3.1	4.4	5.3	2,430	17,055	5.95
All share tenants	670	54.2	8.4	10.0	11.5	259	282,380	6.40	2.47	210	4.8	7.2	7.0	7.3	2,836	38,220	9.77
Other tenants	180	53.7	2.3	2.3	2.6	258	64,845	6.51	2.53	30	2.8	1.0	0.9	1.0	2,667	4,255	8.10
Areas 6, C, and G	5,856	53.0	100.0	100.0	100.0	419	2,772,475	10.48	2.50	2,984	9.7	100.0	100.0	100.0	2,333	353,281	7.29
Owners, part owners, and managers	5,495	52.3	93.8	93.6	92.5	424	2,593,020	10.60	2.50	2,804	9.9	94.0	94.1	95.1	2,308	334,261	7.26
Cash tenants	95	57.6	1.6	1.6	1.6	428	44,430	10.82	2.53	65	11.2	2.2	1.8	1.6	2,616	6,190	7.79
All share tenants	165	63.4	2.8	3.3	4.2	332	95,120	8.54	2.57	65	6.8	2.2	3.1	2.5	2,908	9,025	7.52
Other tenants	101	66.6	1.7	1.5	1.8	360	39,905	8.54	2.37	50	5.4	1.7	1.0	0.8	2,895	3,805	10.01
Areas 7 and H	7,330	57.3	100.0	100.0	100.0	332	3,584,540	8.65	2.61	2,510	7.5	100.0	100.0	100.0	2,904	339,416	6.27
Owners, part owners, and managers	6,005	56.3	81.9	80.8	78.7	341	2,969,305	9.11	2.67	2,145	7.9	85.5	84.6	84.4	2,913	289,396	6.34
Cash tenants	155	56.2	2.1	2.1	2.0	356	71,145	8.70	2.44	50	5.6	2.0	1.5	1.5	2,939	4,705	5.74
All share tenants	975	63.7	13.3	14.7	16.9	289	468,710	6.68	2.31	250	5.6	10.0	11.4	11.3	2,919	36,720	5.99
Other tenants	195	51.4	2.7	2.3	2.4	324	75,380	7.72	2.38	65	7.9	2.6	2.4	2.8	2,540	8,595	5.73
Areas J and K	9,287	61.6	100.0	100.0	100.0	468	4,535,502	11.64	2.48	3,089	7.3	100.0	100.0	100.0	2,365	335,494	7.29
Owners, part owners, and managers	7,091	60.7	76.4	72.9	71.6	477	3,324,867	11.92	2.50	2,424	7.9	78.5	80.2	78.4	2,422	258,899	7.18
Cash tenants	375	67.6	4.0	4.3	4.3	470	196,205	11.80	2.51	155	8.6	5.0	4.4	4.6	2,266	14,380	6.83
All share tenants	1,601	63.0	17.2	20.4	21.5	445	905,180	10.83	2.43	440	5.2	14.2	13.8	15.0	2,170	56,325	8.16
Other tenants	220	66.0	2.4	2.4	2.7	420	109,250	10.39	2.47	70	6.0	2.3	1.6	2.1	1,864	5,890	6.17
Areas L, M, and N	9,763	56.9	100.0	100.0	100.0	458	6,403,244	12.05	2.63	3,534	8.1	100.0	100.0	100.0	2,279	490,684	6.49
Owners, part owners, and managers	8,263	56.8	84.6	84.9	82.2	473	5,454,034	12.48	2.64	3,038	8.5	86.0	87.4	86.4	2,305	424,361	6.50
Cash tenants	580	59.6	5.9	6.2	7.3	389	398,970	10.22	2.63	205	7.3	5.8	5.5	6.3	2,000	30,610	6.43
All share tenants	665	58.4	6.8	7.1	8.3	389	436,490	9.90	2.54	200	4.8	5.7	4.5	4.8	2,140	23,090	6.33
Other tenants	255	47.0	2.6	1.9	2.2	394	113,750	9.92	2.52	91	7.6	2.6	2.5	2.5	2,342	12,623	6.80
Rhode Island, total (Areas 1 and A)	566	33.6	100.0	100.0	100.0	748	307,311	20.82	2.78	192	6.4	100.0	100.0	100.0	2,045	25,981	9.17
Owners, part owners, and managers	521	33.1	92.0	90.8	92.4	735	280,851	20.59	2.80	187	6.8	97.4	97.2	98.6	2,017	25,181	9.02
Cash tenants	45	40.7	8.0	9.2	7.6	907	26,460	23.62	2.60	5	1.5	2.6	2.8	1.4	4,000	800	20.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Carolina, total	70,143	71.1	100.0	100.0	100.0	491	31,848,807	11.41	2.32	4,348	3.2	100.0	100.0	100.0	1,744	606,180	4.86
Owners, part owners, and managers	33,948	66.6	48.4	65.3	67.9	471	20,822,301	10.98	2.33	3,351	3.9	77.1	89.6	90.2	1,732	536,482	4.77
Cash tenants	3,240	76.6	4.6	3.6	4.1	435	1,182,300	10.44	2.40	151	1.7	3.5	2.3	2.0	2,036	13,810	5.57
All share tenants	12,502	81.2	17.8	13.2	11.9	544	4,231,495	12.75	2.34	317	0.9	7.3	2.9	2.9	1,738	20,426	5.57
Croppers	18,512	90.1	26.4	16.1	14.1	559	5,008,365	12.70	2.27	435	1.0	10.0	3.7	3.5	1,867	26,435	6.08
Other tenants	1,941	69.5	2.8	1.9	2.0	457	604,346	10.88	2.38	94	2.1	2.2	1.4	1.3	1,784	9,027	5.42
Area 1	1,533	62.9	100.0	100.0	100.0	413	562,822	10.44	2.52	247	8.4	100.0	100.0	100.0	1,821	35,238	4.90
Owners, part owners, and managers	912	59.2	59.5	66.7	68.8	401	375,572	10.12	2.53	217	10.7	87.9	91.4	93.5	1,779	32,203	4.79
Cash tenants	55	84.4	3.6	5.4	3.3	669	32,835	18.39	2.75	5	4.3	2.0	3.1	1.3	4,444	1,200	13.33
All share tenants	271	68.0	17.7	14.7	16.6	366	82,535	9.21	2.51	10	1.1	4.0	1.4	1.9	1,286	480	3.43
Croppers	275	80.2	17.9	12.5	10.5	490	67,505	11.88	2.43	15	3.3	6.1	4.2	3.3	2,340	1,355	5.77
Other tenants	20	69.4	1.3	0.8	0.7	442	4,375	11.36	2.57	...	...	...	...	...	...	...	...
Area 2	7,781	67.0	100.0	100.0	100.0	416	3,329,322	9.49	2.28	963	6.1	100.0	100.0	100.0	1,603	136,480	4.27
Owners, part owners, and managers	4,312	64.1	55.4	74.2	75.6	408	2,485,448	9.37	2.29	756	6.9	78.5	87.7	89.8	1,564	118,604	4.13
Cash tenants	195	67.5	2.5	1.8	1.8	409	57,970	9.19	2.25	10	2.1	1.0	0.8	0.6	2,000	850	4.25
All share tenants	828	69.6	10.6	7.1	7.0	422	236,804	9.60	2.28	47	3.0	4.9	4.7	3.4	2,223	6,391	5.95
Croppers	2,246	87.2	28.9	15.4	13.9	462	491,290	10.08	2.18	105	2.0	10.9	4.2	3.5	1,912	6,530	5.75
Other tenants	200	62.7	2.6	1.4	1.7	356	57,810	9.72	2.73	45	8.9	4.7	2.7	2.6	1,631	4,105	4.89

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Carolina—Continued																	
Area 3	4,696	60.4	100.0	100.0	100.0	411	1,683,717	9.00	2.19	313	3.4	100.0	100.0	100.0	1,885	50,898	4.81
Owners, part owners, and managers	2,155	56.0	45.9	65.0	68.8	388	1,101,881	8.56	2.21	283	4.4	90.4	96.1	94.9	1,911	49,688	4.95
Cash tenants	90	63.7	1.9	1.0	1.1	384	17,130	8.24	2.15	5	3.4	1.6	2.0	1.0	3,636	250	2.27
All share tenants	566	59.2	12.1	9.3	9.1	418	156,786	9.17	2.20	20	1.4	6.4	1.8	3.8	864	760	1.88
Croppers	1,750	86.2	37.3	25.2	19.6	486	381,880	10.42	2.15	5	0.1	1.6	0.1	0.3	667	200	6.67
Other tenants	135	47.9	2.9	1.6	1.4	455	26,040	9.79	2.15	...	...	...	...	...	...	...	...
Area 4	4,211	60.8	100.0	100.0	100.0	401	1,650,875	9.08	2.26	526	4.6	100.0	100.0	100.0	1,756	59,464	4.31
Owners, part owners, and managers	2,299	57.2	54.6	74.7	76.9	390	1,242,475	8.89	2.28	444	5.4	84.4	94.4	94.8	1,749	55,599	4.25
Cash tenants	160	57.3	3.8	2.2	2.4	370	36,625	8.52	2.30	...	...	...	...	...	...	...	...
All share tenants	525	76.4	12.5	7.1	7.0	408	114,665	9.05	2.22	20	1.3	3.8	1.6	1.6	1,814	940	4.37
Croppers	1,125	83.1	26.7	14.5	12.0	485	231,820	10.59	2.18	50	1.4	9.5	2.7	2.6	1,808	2,180	5.97
Other tenants	102	74.2	2.4	1.5	1.7	346	25,290	8.03	2.32	12	3.3	2.3	1.3	1.0	2,214	745	5.32
Areas 5, A, and B	5,946	66.3	100.0	100.0	100.0	446	3,035,102	9.95	2.23	372	2.3	100.0	100.0	100.0	1,966	60,523	5.61
Owners, part owners, and managers	3,542	61.6	59.6	70.8	72.0	438	2,134,947	9.72	2.22	227	2.4	61.0	79.3	79.6	1,960	46,128	5.38
Cash tenants	326	71.7	5.5	3.9	4.3	400	134,740	10.30	2.57	15	1.8	4.0	3.0	3.0	2,000	2,110	6.59
All share tenants	676	83.5	11.4	9.0	8.2	488	274,645	10.92	2.24	40	1.9	10.8	5.4	5.4	1,966	3,775	6.45
Croppers	1,240	90.7	20.9	14.5	13.2	489	434,670	10.80	2.21	85	2.7	22.8	11.5	11.3	2,000	8,015	6.57
Other tenants	162	64.8	2.7	1.9	2.3	375	56,100	8.16	2.17	5	0.7	1.3	0.7	0.7	2,000	495	6.60
Area 6	19,707	77.3	100.0	100.0	100.0	473	11,127,699	10.70	2.26	912	2.5	100.0	100.0	100.0	1,780	176,144	5.15
Owners, part owners, and managers	8,459	73.5	42.9	67.3	68.6	464	7,543,403	10.57	2.28	660	3.2	72.4	90.8	90.6	1,785	157,757	5.10
Cash tenants	1,717	81.3	8.7	5.7	6.5	413	644,875	9.58	2.32	76	1.6	8.3	4.1	3.9	1,851	7,590	5.64
All share tenants	3,335	86.7	16.9	10.3	9.7	504	1,129,500	11.23	2.23	60	0.5	6.6	1.5	1.6	1,774	3,130	5.91
Croppers	5,561	93.1	28.2	14.7	13.0	534	1,587,490	11.73	2.20	95	0.7	10.4	2.4	2.8	1,515	5,215	5.38
Other tenants	635	75.3	3.2	2.0	2.2	433	222,431	9.65	2.23	21	1.2	2.3	1.1	1.1	1,866	2,452	6.59
Area 7	21,478	80.0	100.0	100.0	100.0	641	7,865,960	16.32	2.54	763	1.5	100.0	100.0	100.0	1,473	41,635	4.76
Owners, part owners, and managers	8,337	73.4	38.8	43.6	45.9	608	3,583,490	16.18	2.66	528	2.4	69.2	81.5	83.1	1,446	32,285	4.44
Cash tenants	541	72.8	2.5	2.6	3.0	552	213,340	14.61	2.65	35	1.9	4.6	4.8	4.3	1,632	1,460	3.84
All share tenants	6,035	85.8	28.1	28.7	28.3	650	2,166,115	15.87	2.44	115	0.4	15.1	7.3	7.8	1,372	4,890	7.14
Croppers	6,045	91.2	28.1	23.1	20.7	715	1,733,935	17.36	2.43	80	0.4	10.5	6.3	4.5	2,051	2,940	7.44
Other tenants	520	77.2	2.4	2.0	2.0	654	169,080	17.57	2.69	5	0.2	0.7	0.1	0.2	500	60	3.00
Areas 8 and C	4,791	64.4	100.0	100.0	100.0	602	2,593,310	13.56	2.25	252	2.5	100.0	100.0	100.0	1,882	45,798	6.18
Owners, part owners, and managers	3,932	63.5	82.1	91.0	89.6	612	2,355,085	13.75	2.25	236	2.6	93.7	95.9	96.2	1,877	44,218	6.21
Cash tenants	156	82.6	3.3	1.8	2.0	533	44,785	11.63	2.18	5	0.8	2.0	0.7	0.5	2,857	350	10.00
All share tenants	266	66.3	5.6	2.6	3.3	481	70,445	11.25	2.34	5	0.3	2.0	0.2	0.4	1,000	60	2.00
Croppers	270	90.7	5.6	2.9	3.1	560	79,775	13.36	2.39	...	...	...	...	...	...	...	...
Other tenants	167	59.8	3.5	1.7	2.0	509	43,220	11.21	2.20	6	3.4	2.4	3.2	3.0	2,000	1,170	5.32
South Dakota, total	10,359	2.8	100.0	100.0	100.0	140	3,191,349	5.83	4.18	111	(Z)	100.0	100.0	100.0	1,371	2,631	2.99
Owners, part owners, and managers	7,338	2.7	70.8	72.2	71.8	140	2,300,514	5.86	4.17	91	(Z)	82.0	94.2	90.9	1,421	2,296	2.87
Cash tenants	98	2.4	0.9	1.0	1.0	145	30,101	5.55	3.83	...	...	...	...	...	...	...	...
All share tenants	2,816	3.2	27.2	26.0	26.4	137	837,504	5.79	4.22	20	(Z)	18.0	5.8	9.1	875	335	4.19
Other tenants	107	2.6	1.0	0.8	0.8	137	23,230	5.40	3.95	...	...	...	...	...	...	...	...
Area 1	372	0.4	100.0	100.0	100.0	181	137,779	8.12	4.48	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Owners, part owners, and managers	288	0.4	77.4	70.4	79.3	161	97,882	7.28	4.52	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Cash tenants	6	0.2	1.6	1.5	1.1	242	1,755	9.24	3.82	...	...	...	...	...	...	...	...
All share tenants	78	0.8	21.0	28.1	19.6	259	38,142	11.45	4.41	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Owners, part owners, and managers	174	0.5	83.3	90.2	85.1	80	48,432	3.86	4.80	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	29	0.3	13.9	7.5	11.5	50	3,676	2.17	4.38	...	...	...	...	...	...	...	...
Other tenants	6	1.7	2.9	2.3	3.4	52	920	1.84	3.54	...	...	...	...	...	...	...	...
Area 2b	845	1.6	100.0	100.0	100.0	112	249,817	4.70	4.19	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Owners, part owners, and managers	721	1.9	85.3	89.5	87.2	115	220,471	4.75	4.13	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	124	0.9	14.7	10.5	12.8	92	29,346	4.33	4.69	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
Owners, part owners, and managers	312	1.3	78.0	84.9	80.4	92	68,085	4.21	4.59	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	82	1.1	20.5	14.2	18.8	66	12,218	3.23	4.93	...	...	...	...	...	...	...	...
Other tenants	6	2.0	1.5	0.9	0.8	103	840	5.42	5.25	...	...	...	...	...	...	...	...
Area 3b	1,677	3.2	100.0	100.0	100.0	132	470,677	6.03	4.57	35	(Z)	100.0	100.0	100.0	2,256	695	3.56
Owners, part owners, and managers	1,247	3.5	74.4	79.9	75.9	139	368,487	6.22	4.48	25	(Z)	71.4	95.5	92.3	2,333	545	3.03
Cash tenants	1	0.4	0.1	0.1	0.1	100	400	5.00	5.00	...	...	...	...	...	...	...	...
All share tenants	424	2.4	25.3	19.8	23.9	109	100,695	5.40	4.94	10	(Z)	28.6	4.5	7.7	1,333	150	10.00
Other tenants	5	1.0	0.3	0.2	0.1	240	1,095	10.95	4.56	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Dakota—Continued																	
Area 4a	2,280	4.5	100.0	100.0	100.0	135	558,877	5.11	3.78	15	(Z)	100.0	100.0	100.0	400	195	1.30
Owners, part owners, and managers	1,706	5.0	74.8	75.5	75.7	135	422,766	5.11	3.79	10	(Z)	66.7	50.0	70.0	286	120	1.14
Cash tenants	11	1.5	0.5	0.5	0.3	189	2,496	6.93	3.67	...	...	...	...	...	...	...	...
All share tenants	558	3.7	24.5	23.9	23.9	136	133,135	5.11	3.77	5	(Z)	33.3	50.0	30.0	667	75	1.67
Other tenants	5	0.7	0.2	0.1	0.1	67	480	3.20	4.80	...	...	...	...	...	...	...	...
Area 4b	4,576	11.3	100.0	100.0	100.0	155	1,640,028	6.43	4.16	40	(Z)	100.0	100.0	100.0	1,500	1,040	4.00
Owners, part owners, and managers	2,890	12.5	63.2	65.4	63.7	159	1,074,391	6.62	4.17	35	(Z)	87.5	94.9	92.3	1,542	930	3.88
Cash tenants	80	15.1	1.7	1.7	1.9	139	25,450	5.31	3.83	...	...	...	...	...	...	...	...
All share tenants	1,521	9.5	33.2	31.6	33.1	148	520,292	6.17	4.18	5	(Z)	12.5	5.1	7.7	1,000	110	5.50
Other tenants	85	7.3	1.9	1.3	1.3	151	19,895	5.86	3.89	...	...	...	...	...	...	...	...
Tennessee, total	107,945	36.9	100.0	100.0	100.0	327	23,737,892	8.31	2.55	8,153	1.6	100.0	100.0	100.0	3,267	667,035	5.32
Owners, part owners, and managers	72,698	34.9	67.3	73.5	72.7	330	17,167,877	8.27	2.50	7,343	1.9	90.1	88.3	90.8	3,174	593,141	5.20
Cash tenants	1,046	34.5	1.0	1.1	1.1	313	285,217	8.89	2.84	45	0.7	0.6	0.5	0.5	2,932	2,840	4.27
All share tenants	15,204	39.9	14.1	12.8	13.8	303	3,157,651	8.03	2.65	478	0.7	5.9	5.6	5.6	3,305	47,849	6.83
Croppers	16,615	53.9	15.4	10.7	10.3	339	2,626,585	8.92	2.63	206	0.5	2.5	2.2	2.0	3,636	14,475	5.80
Other tenants	2,382	39.0	2.2	1.9	2.1	302	500,562	8.47	2.81	81	0.9	1.0	1.2	1.1	3,685	8,730	6.54
Areas 1 and A	29,846	39.3	100.0	100.0	100.0	312	7,283,419	9.23	2.96	921	1.1	100.0	100.0	100.0	2,614	141,885	6.46
Owners, part owners, and managers	11,223	33.9	37.6	54.1	52.9	319	3,938,352	9.44	2.96	707	1.5	76.8	82.9	85.3	2,540	118,881	6.34
Cash tenants	504	37.6	1.7	2.2	2.1	324	167,702	9.90	3.05	5	0.2	0.5	0.5	0.3	4,000	750	10.00
All share tenants	7,541	41.2	25.3	22.1	22.7	304	1,608,060	8.96	2.95	137	0.5	14.9	11.5	10.0	3,012	16,749	7.64
Croppers	9,551	64.8	32.0	18.6	19.4	300	1,335,400	8.74	2.91	46	0.1	5.0	1.6	1.5	2,760	1,950	5.93
Other tenants	1,027	36.4	3.4	2.9	2.9	316	233,905	10.34	3.28	26	1.0	2.8	3.5	2.8	3,216	3,555	5.69
Area 2	11,733	41.7	100.0	100.0	100.0	285	2,628,384	7.39	2.59	762	1.5	100.0	100.0	100.0	2,940	73,961	5.74
Owners, part owners, and managers	8,255	39.5	70.4	71.9	72.4	283	1,893,864	7.36	2.60	667	1.8	87.5	87.7	88.6	2,911	65,431	5.73
Cash tenants	90	29.6	0.8	0.5	0.5	260	13,780	7.63	2.93	...	...	...	...	...	...	...	...
All share tenants	2,028	46.3	17.3	17.2	17.5	281	458,200	7.37	2.62	60	0.6	7.9	8.1	6.6	3,602	5,755	6.73
Croppers	1,100	63.3	9.4	8.6	7.5	328	215,680	8.13	2.48	25	1.2	3.3	3.4	3.9	2,574	2,425	4.80
Other tenants	260	42.0	2.2	1.8	2.1	243	46,860	6.13	2.52	10	0.6	1.3	0.7	0.9	2,435	350	3.04
Area 3	5,791	42.1	100.0	100.0	100.0	282	1,334,438	6.56	2.33	569	1.5	100.0	100.0	100.0	3,150	35,633	5.04
Owners, part owners, and managers	4,574	40.6	79.0	82.5	81.3	286	1,105,115	6.68	2.34	548	1.6	96.3	94.4	89.8	3,313	33,868	5.33
Cash tenants	20	49.2	0.3	0.2	0.3	208	2,660	4.26	2.05	5	19.3	0.9	0.3	3.5	245	175	0.71
All share tenants	685	48.7	11.8	10.7	11.6	261	140,788	5.98	2.30	1	0.2	0.2	0.9	1.1	2,500	450	5.62
Croppers	331	49.7	5.7	4.3	4.1	298	55,550	6.68	2.24	15	2.4	2.6	4.4	5.7	2,475	1,140	2.85
Other tenants	181	54.9	3.1	2.3	2.7	235	30,325	5.45	2.32	...	...	...	...	...	...	...	...
Area 4	6,430	37.5	100.0	100.0	100.0	403	1,918,342	10.14	2.51	482	1.6	100.0	100.0	100.0	3,556	40,331	5.10
Owners, part owners, and managers	4,444	35.5	69.1	71.2	73.2	392	1,367,745	9.87	2.52	432	1.8	89.6	89.8	88.6	3,604	36,156	5.16
Cash tenants	20	22.4	0.3	0.3	0.3	333	5,555	8.82	2.65	5	2.8	1.0	1.3	1.0	4,625	205	2.56
All share tenants	625	37.1	9.7	10.2	10.9	376	189,660	9.18	2.44	35	1.3	7.3	7.6	9.3	2,912	3,460	4.71
Croppers	1,245	51.6	19.4	16.8	13.3	507	325,990	12.91	2.55	10	0.2	2.1	1.3	1.1	4,235	510	6.00
Other tenants	96	67.2	1.5	1.5	2.2	283	29,392	7.13	2.52	...	...	...	...	...	...	...	...
Areas 5 and B	13,505	26.7	100.0	100.0	100.0	267	2,373,357	6.44	2.41	982	1.5	100.0	100.0	100.0	2,549	79,443	3.80
Owners, part owners, and managers	9,717	25.9	72.0	75.3	76.4	264	1,811,272	6.44	2.44	847	1.7	86.3	87.9	90.9	2,463	66,733	3.51
Cash tenants	222	26.1	1.6	1.3	1.5	232	29,700	5.44	2.34	10	0.7	1.0	1.3	0.7	4,828	1,150	7.93
All share tenants	1,771	27.9	13.1	12.8	12.3	277	286,815	6.31	2.28	95	0.9	9.7	8.5	7.1	3,037	10,025	6.75
Croppers	1,590	34.5	11.8	9.1	8.1	303	201,580	6.79	2.24	20	0.2	2.0	1.1	0.7	4,286	710	5.07
Other tenants	205	29.6	1.5	1.5	1.8	228	43,990	6.81	2.99	10	0.5	1.0	1.2	0.6	5,333	825	6.88
Area 6	11,287	39.9	100.0	100.0	100.0	331	2,473,421	7.80	2.36	1,284	2.0	100.0	100.0	100.0	3,665	84,201	5.25
Owners, part owners, and managers	9,390	39.5	83.2	85.6	85.1	332	2,107,036	7.81	2.35	1,184	2.2	92.2	91.5	92.4	3,629	75,581	5.10
Cash tenants	95	47.1	0.8	1.6	1.0	530	47,475	15.17	2.86	15	1.4	1.2	0.6	0.6	3,778	450	5.00
All share tenants	1,062	40.9	9.4	7.9	8.4	311	192,030	7.22	2.32	35	0.6	2.7	2.3	2.3	3,671	2,840	7.78
Croppers	620	46.3	5.5	4.3	4.7	306	110,155	7.47	2.44	35	1.7	2.7	4.1	3.4	4,463	3,145	5.82
Other tenants	120	34.9	1.1	0.6	0.9	246	16,725	6.13	2.49	15	2.9	1.2	1.6	1.4	4,043	2,185	9.50
Area 7	1,883	40.5	100.0	100.0	100.0	368	696,887	9.61	2.61	362	2.9	100.0	100.0	100.0	4,772	33,088	6.42
Owners, part owners, and managers	1,751	40.4	93.0	94.9	94.3	370	664,277	9.72	2.63	357	3.0	98.6	99.6	99.5	4,776	32,988	6.43
Cash tenants	5	7.5	0.3	0.1	0.2	218	450	4.09	1.88	...	...	...	...	...	...	...	...
All share tenants	45	47.3	2.4	2.0	2.9	256	13,335	6.33	2.48	5	0.6	1.4	0.4	0.5	4,000	100	4.00
Croppers	46	54.1	2.4	2.1	1.7	460	12,675	10.57	2.30	...	...	...	...	...	...	...	...
Other tenants	36	39.2	1.9	1.0	1.0	337	6,150	8.17	2.42	...	...	...	...	...	...	...	...
Areas 8a, C, and D	9,334	37.2	100.0	100.0	100.0	362	2,077,965	8.09	2.24	1,257	2.7	100.0	100.0	100.0	3,425	94,875	5.08
Owners, part owners, and managers	8,175	36.5	87.6	88.1	87.0	366	1,838,965	8.23	2.25	1,182	2.9	94.0	92.4	94.6	3,349	87,250	4.94
Cash tenants	60	45.8	0.6	0.7	1.2	208	13,815	4.68	2.24	5	0.5	0.4	0.3	0.2	6,000	110	3.67
All share tenants	526	47.8	5.6	5.6	6.6	304	112,205	6.60	2.17	45	2.0	3.6	5.4	3.8	4,922	5,370	7.62
Croppers	377	32.8	4.0	3.4	3.2	384	67,105	8.28	2.16	10	0.4	0.8	0.7	0.5	4,421	930	9.79
Other tenants	196	46.4	2.1	2.3	2.1	403	45,875	8.67	2.15	15	1.6	1.2	1.2	1.0	4,108	1,215	6.57
Area 8b	18,136	36.1	100.0	100.0	100.0	424	2,951,679	9.72	2.29	1,534	1.8	100.0	100.0	100.0	3,663	83,618	5.61
Owners, part owners, and managers	15,169	35.1	83.6	83.4	84.0	421	2,441,251	9.57	2.27	1,419	1.9	92.5	92.5	93.2	3,638	76,253	5.49
Cash tenants	30	19.2	0.2	0.1	0.1	409	4,080	9.49	2.32	...	...	...	...	...	...	...	...
All share tenants	921	38.6	5.1	5.2	5.4	405	156,558	9.52	2.35	65	1.3	4.2	3.1	3.8	3,036	3,100	5.54
Croppers	1,755	48.2	9.7	9.9	9.2	457	302,450	10.83	2.37	45	0.7	2.9	3.8	2.7	5,200	3,665	9.16
Other tenants	261	32.9	1.4	1.4	1.3	465	47,340	12.06	2.60	5	0.5	0.3	0.5	0.4	5,000	600	10.00

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas, total	63,215	11.2	100.0	100.0	100.0	213	28,593,660	6.82	3.21	1,236	0.1	100.0	100.0	100.0	1,818	209,048	4.88
Owners, part owners, and managers	48,834	12.2	77.3	80.9	78.9	218	22,921,893	6.93	3.18	1,117	0.1	90.4	94.4	91.8	1,870	197,052	5.01
Cash tenants	2,018	13.5	3.2	3.3	3.2	219	961,253	7.19	3.29	25	0.1	2.0	0.6	1.9	579	1,595	2.01
All share tenants	9,502	7.3	15.0	12.4	14.5	182	3,808,742	6.25	3.44	77	(Z)	6.2	3.3	3.9	1,506	5,877	3.50
Croppers	1,577	11.6	2.5	1.6	1.7	207	399,545	5.61	2.72	1	(Z)	0.1	0.5	0.5	1,681	2,250	9.96
Other tenants	1,284	13.6	2.0	1.8	1.7	224	502,227	7.01	3.13	16	0.2	1.3	1.2	1.9	1,193	2,274	2.82
Areas 1a and A	843	33.8	100.0	100.0	100.0	308	2,307,190	15.21	4.93	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Owners, part owners, and managers	692	32.6	82.1	84.6	84.8	308	1,954,850	15.19	4.94	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Cash tenants	10	25.2	1.2	1.1	1.2	304	20,570	11.79	3.88	...	...	...	...	...	...	...	...
All share tenants	126	45.9	14.9	14.2	13.6	321	327,785	15.87	4.95	...	...	...	...	...	...	...	...
Croppers	15	50.2	1.8	0.1	0.4	83	3,985	6.38	7.66	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 1b	156	1.2	100.0	100.0	100.0	184	67,548	5.72	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Owners, part owners, and managers	137	1.3	87.8	91.9	93.2	182	61,932	5.63	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Cash tenants	11	0.2	7.1	2.6	2.7	176	1,409	4.43	2.52	...	...	...	...	...	...	...	...
All share tenants	7	2.9	4.5	4.4	3.5	232	3,007	7.28	3.13	...	...	...	...	...	...	...	...
Croppers	1	1.3	0.6	1.1	0.6	343	1,200	17.14	5.00	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	1,558	5.2	100.0	100.0	100.0	151	338,190	4.83	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
Owners, part owners, and managers	1,306	5.2	83.8	86.8	82.7	159	289,898	5.01	3.15	6	(Z)	100.0	100.0	100.0	196	315	1.24
Cash tenants	90	4.9	5.8	5.6	7.4	115	20,783	4.00	3.48	...	...	...	...	...	...	...	...
All share tenants	113	4.1	7.3	5.2	6.8	115	19,366	4.07	3.55	...	...	...	...	...	...	...	...
Croppers	25	6.1	1.6	1.1	1.4	124	3,312	3.48	2.81	...	...	...	...	...	...	...	...
Other tenants	24	9.0	1.5	1.3	1.8	110	4,831	3.92	3.55	...	...	...	...	...	...	...	...
Area 3	663	11.2	100.0	100.0	100.0	279	788,209	8.95	3.21	...	...	...	...	...	...	...	...
Owners, part owners, and managers	538	10.3	81.1	79.5	79.9	277	619,247	8.80	3.18	...	...	...	...	...	...	...	...
Cash tenants	49	14.8	7.4	8.3	9.2	252	62,798	7.79	3.09	...	...	...	...	...	...	...	...
All share tenants	54	15.4	8.1	5.6	7.6	205	55,314	8.29	4.05	...	...	...	...	...	...	...	...
Croppers	6	22.0	0.9	0.3	0.9	90	4,100	5.15	5.69	...	...	...	...	...	...	...	...
Other tenants	16	37.0	2.4	6.4	2.4	726	46,750	21.69	2.99	...	...	...	...	...	...	...	...
Area 4	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Owners, part owners, and managers	1,540	4.9	67.5	67.8	67.4	165	1,362,221	6.57	4.00	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Cash tenants	29	8.7	1.3	1.0	1.5	113	34,335	7.55	6.71	...	...	...	...	...	...	...	...
All share tenants	663	5.0	29.1	28.3	28.4	163	632,877	7.24	4.44	...	...	...	...	...	...	...	...
Croppers	32	7.8	1.4	2.0	1.4	230	40,626	9.15	3.98	...	...	...	...	...	...	...	...
Other tenants	17	6.8	0.7	0.8	1.2	111	14,585	3.98	3.57	...	...	...	...	...	...	...	...
Area 5	1,421	2.6	100.0	100.0	100.0	277	1,044,656	9.39	3.39	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
Owners, part owners, and managers	929	3.0	65.4	71.7	66.3	300	716,182	9.72	3.24	1	(Z)	16.7	80.0	80.0	2,000	270	6.75
Cash tenants	15	3.4	1.1	0.5	0.7	191	4,325	5.51	2.88	...	...	...	...	...	...	...	...
All share tenants	432	1.8	30.4	25.5	29.1	243	288,184	8.90	3.67	5	(Z)	83.3	20.0	20.0	2,000	30	3.00
Croppers	35	10.1	2.5	1.9	3.4	151	29,965	7.96	5.26	...	...	...	...	...	...	...	...
Other tenants	10	1.5	0.7	0.4	0.5	200	6,000	10.00	5.00	...	...	...	...	...	...	...	...
Area 6a	1,340	2.0	100.0	100.0	100.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...
Owners, part owners, and managers	965	2.1	72.0	75.2	70.2	129	295,485	3.94	3.06	...	...	...	...	...	...	...	...
Cash tenants	46	3.7	3.4	2.1	3.4	76	10,519	2.90	3.84	...	...	...	...	...	...	...	...
All share tenants	311	1.8	23.2	21.0	24.4	104	74,783	2.87	2.77	...	...	...	...	...	...	...	...
Croppers	6	0.4	0.4	0.5	0.2	256	1,002	4.01	1.57	...	...	...	...	...	...	...	...
Other tenants	12	2.9	0.9	1.2	1.8	80	4,551	2.34	2.92	...	...	...	...	...	...	...	...
Area 6b	479	3.9	100.0	100.0	100.0	148	124,520	3.92	2.65	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Owners, part owners, and managers	387	4.1	80.8	86.7	87.3	147	109,540	3.96	2.69	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Cash tenants	43	5.3	9.0	6.1	5.5	164	6,493	3.69	2.25	...	...	...	...	...	...	...	...
All share tenants	49	2.7	10.2	7.2	7.2	149	8,487	3.71	2.50	...	...	...	...	...	...	...	...
Croppers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 7a	3,537	21.8	100.0	100.0	100.0	138	781,990	3.55	2.57	25	(Z)	100.0	100.0	100.0	736	1,010	2.32
Owners, part owners, and managers	2,829	21.8	80.0	81.6	80.6	140	638,990	3.60	2.57	25	0.1	100.0	100.0	100.0	736	1,010	2.32
Cash tenants	109	7.7	3.1	2.2	2.1	141	16,305	3.51	2.49	...	...	...	...	...	...	...	...
All share tenants	528	31.9	14.9	14.7	16.0	127	114,145	3.23	2.55	...	...	...	...	...	...	...	...
Croppers	24	13.9	0.7	0.6	0.5	160	6,938	5.79	3.61	...	...	...	...	...	...	...	...
Other tenants	47	12.2	1.3	0.9	0.8	153	5,612	3.31	2.16	...	...	...	...	...	...	...	...
Areas 7b and B	1,626	10.7	100.0	100.0	100.0	168	384,967	4.85	2.89	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Owners, part owners, and managers	1,242	12.4	76.4	82.9	82.3	169	317,807	4.87	2.88	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Cash tenants	113	8.8	6.9	4.0	4.6	148	16,557	4.56	3.09	...	...	...	...	...	...	...	...
All share tenants	218	5.7	13.4	10.2	10.4	165	37,938	4.62	2.79	...	...	...	...	...	...	...	...
Croppers	27	9.1	1.7	1.5	1.7	143	6,350	4.67	3.27	...	...	...	...	...	...	...	...
Other tenants	26	8.3	1.6	1.4	1.1	221	6,315	7.43	3.36	...	...	...	...	...	...	...	...
Area 7c	730	4.4	100.0	100.0	100.0	124	116,081	3.84	3.09	5	(Z)	100.0	100.0	100.0	267	225	3.00
Owners, part owners, and managers	666	5.1	91.2	88.8	90.1	122	102,172	3.75	3.06	5	(Z)	100.0	100.0	100.0	267	225	3.00
Cash tenants	16	2.2	2.2	2.3	2.1	135	2,739	4.21	3.11	...	...	...	...	...	...	...	...
All share tenants	46	2.2	6.3	8.2	7.5	137	10,420	4.62	3.36	...	...	...	...	...	...	...	...
Croppers	2	0.8	0.3	0.6	0.3	289	750	9.04	3.12	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas—Continued																	
Areas 8, C, D, and E	9,369	9.5	100.0	100.0	100.0	187	2,291,227	4.91	2.63	173	0.1	100.0	100.0	100.0	1,235	20,554	3.53
Owners, part owners, and managers	6,638	11.2	70.9	76.1	75.0	190	1,750,264	5.00	2.64	137	0.1	79.2	77.2	80.1	1,191	17,264	3.70
Cash tenants	136	9.5	1.5	1.9	1.4	255	53,672	8.06	3.16	...	...	...	...	...	...	...	...
All share tenants	2,200	6.4	23.5	17.6	19.4	169	410,610	4.54	2.68	36	0.1	20.8	22.8	19.9	1,414	3,290	2.84
Croppers	267	6.3	2.8	3.2	2.8	219	50,514	3.92	1.79	...	...	...	...	...	...	...	...
Other tenants	128	6.9	1.4	1.2	1.5	148	26,167	3.82	2.59	...	...	...	...	...	...	...	...
Area 9	4,686	27.2	100.0	100.0	100.0	215	1,500,278	5.68	2.65	71	0.5	100.0	100.0	100.0	1,178	12,542	2.62
Owners, part owners, and managers	3,666	26.1	78.2	84.3	82.7	219	1,265,885	5.80	2.65	70	0.6	98.6	98.2	99.0	1,169	12,255	2.59
Cash tenants	126	30.4	2.7	1.7	1.9	185	28,150	5.53	2.98	...	...	...	...	...	...	...	...
All share tenants	576	36.7	12.3	8.8	9.6	196	127,945	5.03	2.56	1	0.1	1.4	1.8	1.0	2,000	287	5.74
Croppers	187	24.4	4.0	2.9	2.6	237	45,358	6.52	2.75	...	...	...	...	...	...	...	...
Other tenants	131	47.3	2.8	2.3	3.1	161	32,940	4.02	2.50	...	...	...	...	...	...	...	...
Area 10	4,615	19.1	100.0	100.0	100.0	201	829,989	5.17	2.58	37	(Z)	100.0	100.0	100.0	937	1,492	3.78
Owners, part owners, and managers	3,661	19.7	79.3	76.2	77.9	196	623,892	4.99	2.54	32	0.1	86.5	97.3	97.5	935	1,432	3.72
Cash tenants	185	22.9	4.0	6.1	5.7	213	56,387	6.13	2.88	...	...	...	...	...	...	...	...
All share tenants	564	16.5	12.2	14.0	12.8	220	117,405	5.73	2.61	5	(Z)	13.5	2.7	2.5	1,000	60	6.00
Croppers	150	13.0	3.3	2.4	2.8	168	22,155	4.89	2.92	...	...	...	...	...	...	...	...
Other tenants	55	18.0	1.2	1.4	0.8	345	10,150	7.69	2.23	...	...	...	...	...	...	...	...
Areas 11 and F	3,670	10.8	100.0	100.0	100.0	147	1,125,579	4.42	3.00	11	(Z)	100.0	100.0	100.0	959	227	1.88
Owners, part owners, and managers	2,885	11.0	78.6	79.2	78.9	148	896,419	4.46	3.02	11	(Z)	100.0	100.0	100.0	959	227	1.88
Cash tenants	100	14.1	2.7	6.0	4.0	222	60,282	5.91	2.66	...	...	...	...	...	...	...	...
All share tenants	486	8.6	13.2	10.1	12.5	119	115,377	3.63	3.06	...	...	...	...	...	...	...	...
Croppers	125	14.8	3.4	3.2	3.0	160	32,705	4.31	2.70	...	...	...	...	...	...	...	...
Other tenants	74	12.6	2.0	1.5	1.6	133	20,796	5.06	3.81	...	...	...	...	...	...	...	...
Area 12	14,344	32.8	100.0	100.0	100.0	265	4,150,200	6.44	2.43	529	0.9	100.0	100.0	100.0	2,045	102,603	5.52
Owners, part owners, and managers	11,421	31.5	79.6	83.7	83.0	267	3,488,511	6.53	2.44	502	1.0	94.9	95.8	93.5	2,095	97,139	5.59
Cash tenants	614	41.1	4.3	4.8	3.9	332	191,423	7.71	2.32	10	0.5	1.9	0.8	1.5	1,088	1,045	3.67
All share tenants	1,394	40.2	9.7	6.4	8.1	207	267,684	5.11	2.47	10	0.1	1.9	0.3	0.4	1,467	425	5.67
Croppers	474	47.7	3.3	2.6	2.6	255	102,120	5.99	2.35	1	0.6	0.2	1.0	1.2	1,681	2,250	9.96
Other tenants	441	36.9	3.1	2.5	2.4	283	100,462	6.58	2.33	6	1.5	1.1	2.1	3.4	1,296	1,744	2.79
Area 13	2,509	28.5	100.0	100.0	100.0	249	602,220	6.62	2.66	171	1.1	100.0	100.0	100.0	2,152	19,486	5.67
Owners, part owners, and managers	2,135	28.1	85.1	87.8	87.0	251	532,834	6.73	2.68	161	1.2	94.2	98.6	98.0	2,167	19,181	5.69
Cash tenants	56	22.9	2.2	1.9	1.8	271	13,381	8.38	3.10	5	0.4	2.9	0.7	0.7	2,000	150	6.00
All share tenants	161	28.0	6.4	4.6	5.4	211	24,890	5.08	2.41	...	...	...	...	...	...	...	...
Croppers	65	59.8	2.6	1.8	2.7	165	12,040	4.85	2.94	...	...	...	...	...	...	...	...
Other tenants	92	31.1	3.7	3.9	3.2	305	19,075	6.61	2.17	5	0.5	2.9	0.7	1.3	1,111	155	3.44
Areas 14, G, and H	6,243	32.5	100.0	100.0	100.0	220	6,984,178	8.35	3.80	136	0.2	100.0	100.0	100.0	1,998	30,822	5.51
Owners, part owners, and managers	4,524	32.3	72.5	80.7	77.7	229	5,575,703	8.58	3.75	106	0.2	77.9	94.2	84.0	2,240	29,462	6.27
Cash tenants	258	46.9	4.1	4.2	4.8	194	338,735	8.44	4.34	10	0.6	7.4	0.9	8.7	206	400	0.82
All share tenants	1,206	32.7	19.3	13.1	15.5	186	940,087	7.27	3.91	15	0.1	11.0	4.0	4.9	1,636	585	2.13
Croppers	116	16.5	1.9	0.5	0.6	185	30,105	5.84	3.15	...	...	...	...	...	...	...	...
Other tenants	139	26.2	2.2	1.4	1.5	213	99,548	8.15	3.83	5	0.3	3.7	0.9	2.4	741	375	2.78
Area 15	3,145	24.2	100.0	100.0	100.0	263	2,685,654	10.01	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Owners, part owners, and managers	2,673	24.7	85.0	87.7	85.5	269	2,320,061	10.11	3.75	16	0.1	76.2	88.2	90.5	1,568	5,490	5.78
Cash tenants	12	36.5	0.4	0.3	0.4	203	22,390	23.20	11.42	...	...	...	...	...	...	...	...
All share tenants	368	18.6	11.7	8.8	10.5	221	232,438	8.23	3.73	5	0.1	23.8	11.8	9.5	2,000	1,200	12.00
Croppers	20	32.7	0.6	0.3	0.4	218	6,320	6.26	2.87	...	...	...	...	...	...	...	...
Other tenants	72	36.3	2.3	2.9	3.2	240	104,445	12.13	5.06	...	...	...	...	...	...	...	...
Utah, total	5,650	7.4	100.0	100.0	100.0	258	1,514,992	9.45	3.66	41	(Z)	100.0	100.0	100.0	1,049	773	2.00
Owners, part owners, and managers	5,272	7.3	93.3	90.6	93.0	251	1,382,582	9.28	3.69	41	(Z)	100.0	100.0	100.0	1,049	773	2.00
Cash tenants	95	9.1	1.7	4.7	1.8	668	56,560	19.64	2.94	...	...	...	...	...	...	...	...
All share tenants	252	10.5	4.5	4.2	4.9	219	69,405	8.81	4.03	...	...	...	...	...	...	...	...
Other tenants	31	4.9	0.5	0.6	0.3	426	6,445	11.83	2.78	...	...	...	...	...	...	...	...
Area 1	2,094	7.1	100.0	100.0	100.0	219	569,955	8.52	3.89	11	(Z)	100.0	100.0	100.0	1,587	333	2.08
Owners, part owners, and managers	1,934	7.0	92.4	93.5	93.2	220	531,800	8.53	3.88	11	(Z)	100.0	100.0	100.0	1,587	333	2.08
Cash tenants	5	1.6	0.2	0.2	0.2	213	1,730	11.53	5.41	...	...	...	...	...	...	...	...
All share tenants	150	12.1	7.2	6.2	6.5	209	35,725	8.24	3.95	...	...	...	...	...	...	...	...
Other tenants	5	1.0	0.2	0.1	0.1	364	700	12.73	3.50	...	...	...	...	...	...	...	...
Areas 2 and A	2,154	15.3	100.0	100.0	100.0	307	562,692	11.11	3.62	25	(Z)	100.0	100.0	100.0	759	255	1.76
Owners, part owners, and managers	1,972	14.6	91.6	83.2	89.5	285	479,567	10.58	3.71	25	(Z)	100.0	100.0	100.0	759	255	1.76
Cash tenants	90	29.9	4.2	12.2	5.4	693	54,830	20.08	2.90	...	...	...	...	...	...	...	...
All share tenants	72	22.3	3.3	3.8	4.6	256	24,370	10.44	4.08	...	...	...	...	...	...	...	...
Other tenants	20	9.0	0.9	0.7	0.5	422	3,925	14.27	3.38	...	...	...	...	...	...	...	...
Area 3	1,402	4.8	100.0	100.0	100.0	260	382,345	8.94	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Owners, part owners, and managers	1,366	4.9	97.4	97.2	96.7	262	371,215	8.97	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	30	4.2	2.1	2.0	2.8	182	9,310	7.69	4.23	...	...	...	...	...	...	...	...
Other tenants	6	9.1	0.4	0.9	0.5	447	1,820	8.47	1.90	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Vermont, total	7,498	19.7	100.0	100.0	100.0	431	2,129,877	10.38	2.41	4,114	5.3	100.0	100.0	100.0	2,334	298,552	5.42
Owners, part owners, and managers	7,177	19.8	95.7	95.8	95.3	433	2,044,907	10.45	2.41	3,959	5.4	96.2	96.9	96.3	2,348	289,767	5.46
Cash tenants	111	27.0	1.5	1.8	2.3	327	39,115	8.21	2.51	65	4.3	1.6	1.6	1.4	2,720	4,560	6.08
All share tenants	130	12.8	1.7	1.3	1.4	385	22,790	7.87	2.05	45	3.3	1.1	0.7	1.3	1,149	1,650	2.23
Other tenants	80	20.8	1.1	1.2	0.9	545	23,065	11.83	2.17	45	5.7	1.1	0.8	1.0	2,038	2,575	4.86
Area 1	3,403	18.9	100.0	100.0	100.0	410	967,314	9.73	2.37	1,852	5.1	100.0	100.0	100.0	2,174	123,146	4.57
Owners, part owners, and managers	3,232	19.1	95.0	95.9	95.2	413	928,949	9.82	2.38	1,772	5.2	95.7	96.5	95.3	2,200	118,436	4.61
Cash tenants	41	27.9	1.2	1.4	2.0	297	14,535	7.45	2.51	35	7.6	1.9	2.2	2.0	2,396	3,150	5.94
All share tenants	110	12.4	3.2	2.3	2.5	388	19,810	8.07	2.08	40	3.6	2.2	1.2	2.6	993	1,210	1.72
Other tenants	20	11.0	0.6	0.4	0.4	370	4,020	9.93	2.68	5	1.0	0.3	0.2	0.1	2,857	350	10.00
Area 2	4,095	20.6	100.0	100.0	100.0	450	1,162,563	10.98	2.44	2,262	5.5	100.0	100.0	100.0	2,488	175,406	6.23
Owners, part owners, and managers	3,945	20.4	96.3	95.7	95.5	451	1,115,958	11.04	2.45	2,187	5.5	96.7	97.3	97.3	2,486	171,331	6.26
Cash tenants	70	26.4	1.7	2.0	2.7	347	24,580	8.73	2.52	30	2.1	1.3	1.1	0.8	3,500	1,410	6.41
All share tenants	20	15.4	0.5	0.3	0.4	368	2,980	6.77	1.84	5	1.2	0.2	0.2	0.1	4,286	440	12.57
Other tenants	60	27.2	1.5	1.9	1.5	590	19,045	12.33	2.09	40	8.7	1.8	1.4	1.8	1,980	2,225	4.49
Virginia, total	63,274	45.7	100.0	100.0	100.0	553	26,399,651	12.56	2.27	14,082	6.3	100.0	100.0	100.0	2,725	1,849,893	6.38
Owners, part owners, and managers	48,196	44.2	76.2	80.7	83.3	536	21,282,652	12.16	2.27	12,387	6.4	88.0	91.3	88.1	2,823	1,647,525	6.45
Cash tenants	714	53.9	1.1	1.8	1.4	718	436,295	15.09	2.10	166	8.1	1.2	1.2	1.5	2,234	30,490	7.00
All share tenants	6,668	54.7	10.5	10.4	9.2	624	2,718,952	14.09	2.26	984	5.4	7.0	5.0	6.6	2,059	115,944	6.10
Croppers	6,750	62.7	10.7	6.1	5.1	659	1,673,963	15.58	2.36	410	3.6	2.9	1.7	2.1	2,167	40,755	6.62
Other tenants	946	41.6	1.5	1.1	1.1	554	287,789	12.80	2.31	135	9.1	1.0	0.8	1.7	1,337	15,179	3.10
Area 1	2,085	27.2	100.0	100.0	100.0	435	328,627	10.00	2.30	184	2.4	100.0	100.0	100.0	3,169	16,384	5.63
Owners, part owners, and managers	1,810	26.3	86.8	86.8	89.6	422	285,587	9.70	2.30	179	2.6	97.3	98.7	99.0	3,160	16,254	5.64
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	80	69.3	3.8	5.3	5.3	434	18,225	10.47	2.41	...	...	...	...	...	...	...	...
Croppers	160	29.1	7.7	7.0	4.6	667	22,792	15.14	2.27	5	0.6	2.7	1.3	1.0	4,000	130	4.33
Other tenants	35	19.3	1.7	0.9	0.6	670	2,023	10.94	1.63	...	...	...	...	...	...	...	...
Area 2	9,035	37.8	100.0	100.0	100.0	443	1,808,002	10.46	2.36	1,692	6.3	100.0	100.0	100.0	4,493	200,630	7.00
Owners, part owners, and managers	7,940	37.2	87.9	90.7	92.0	437	1,642,412	10.33	2.36	1,632	6.5	96.5	96.1	96.7	4,463	193,160	6.97
Cash tenants	45	34.1	0.5	0.6	0.5	561	8,300	10.12	1.80	5	7.5	0.3	0.6	0.6	4,000	720	4.00
All share tenants	360	43.0	4.0	2.4	2.1	518	47,310	13.14	2.54	15	1.7	0.9	0.5	0.5	4,714	820	5.86
Croppers	615	54.0	6.8	5.6	5.0	498	98,385	11.41	2.29	25	2.8	1.5	2.2	1.6	6,422	4,815	10.70
Other tenants	75	35.6	0.8	0.6	0.4	643	11,595	15.16	2.36	15	7.7	0.9	0.6	0.6	4,606	1,115	6.76
Areas 3 and 4	3,737	28.8	100.0	100.0	100.0	493	1,106,914	10.70	2.17	1,349	6.1	100.0	100.0	100.0	3,125	119,303	5.44
Owners, part owners, and managers	3,616	28.6	96.8	97.6	97.5	494	1,081,219	10.71	2.17	1,324	6.1	98.1	97.8	98.1	3,115	116,628	5.42
Cash tenants	20	48.4	0.5	0.5	0.7	331	4,800	6.91	2.09	5	2.4	0.4	0.3	0.2	5,143	365	10.43
All share tenants	35	48.0	0.9	1.2	0.9	652	13,660	14.08	2.16	10	11.4	0.7	1.3	1.0	4,000	1,440	6.26
Croppers	35	25.9	0.9	0.3	0.5	295	3,380	7.12	2.41	10	8.4	0.7	0.6	0.7	2,710	870	5.61
Other tenants	31	50.6	0.8	0.4	0.4	496	3,855	9.47	1.91	...	...	...	...	...	...	...	...
Area 4	4,750	38.5	100.0	100.0	100.0	410	1,754,687	8.88	2.16	1,136	4.3	100.0	100.0	100.0	3,243	115,409	5.19
Owners, part owners, and managers	4,254	38.2	89.6	87.9	88.4	408	1,545,347	8.85	2.17	1,001	4.3	88.1	88.1	88.6	3,225	102,094	5.18
Cash tenants	60	31.4	1.3	1.9	1.7	464	32,625	9.92	2.14	30	4.4	2.6	3.0	2.1	4,667	2,965	6.38
All share tenants	316	45.3	6.7	8.1	8.1	409	139,950	8.70	2.13	80	4.9	7.0	7.3	7.8	3,009	8,210	4.70
Croppers	40	27.1	0.8	0.8	0.6	500	13,690	10.70	2.14	...	...	...	...	...	...	...	...
Other tenants	80	41.1	1.7	1.3	1.2	440	23,075	9.92	2.26	25	5.9	2.2	1.7	1.5	3,552	2,140	6.39
Areas 5 and 8	4,678	37.4	100.0	100.0	100.0	464	2,992,171	10.20	2.20	2,162	10.5	100.0	100.0	100.0	2,694	495,863	6.02
Owners, part owners, and managers	4,294	37.6	91.8	91.5	91.3	465	2,743,377	10.24	2.20	1,948	10.2	90.1	89.5	88.3	2,731	441,205	6.07
Cash tenants	47	49.2	1.0	1.7	1.4	548	47,000	11.30	2.06	26	15.2	1.2	1.3	1.6	2,249	7,245	5.64
All share tenants	230	35.3	4.9	5.5	5.7	447	158,472	9.40	2.10	133	12.9	6.2	7.0	7.5	2,518	36,234	5.87
Croppers	51	35.6	1.1	0.5	0.7	336	15,125	7.60	2.26	35	20.3	1.6	1.4	1.4	2,775	7,050	6.21
Other tenants	56	25.7	1.2	0.8	0.9	424	28,197	11.26	2.66	20	11.0	0.9	0.8	1.3	1,610	4,129	3.86
Areas 6 and C	8,897	44.2	100.0	100.0	100.0	487	3,064,989	10.89	2.24	2,223	5.4	100.0	100.0	100.0	2,918	252,653	7.34
Owners, part owners, and managers	7,440	43.6	83.6	89.0	89.7	483	2,721,440	10.79	2.23	2,036	5.4	91.6	95.0	91.3	3,035	235,826	7.50
Cash tenants	40	30.4	0.4	0.3	0.4	453	10,155	9.96	2.20	10	2.5	0.4	0.3	0.2	3,412	680	8.00
All share tenants	610	48.3	6.9	5.5	5.3	512	171,379	11.57	2.26	112	5.7	5.0	3.5	5.1	1,989	12,517	7.11
Croppers	650	62.2	7.3	4.1	3.5	568	131,575	13.18	2.32	40	1.8	1.8	0.4	0.8	1,414	2,320	8.00
Other tenants	157	36.6	1.8	1.0	1.2	415	30,440	9.23	2.23	25	9.5	1.1	0.8	2.5	982	1,310	1.53
Area 7	18,742	44.9	100.0	100.0	100.0	628	5,382,336	15.34	2.44	1,942	2.9	100.0	100.0	100.0	2,537	160,458	7.05
Owners, part owners, and managers	10,667	42.2	56.9	65.6	69.6	592	3,554,449	14.55	2.46	1,697	3.6	87.4	91.2	90.4	2,561	142,633	6.93
Cash tenants	90	44.9	0.5	0.5	0.5	695	27,560	17.17	2.47	...	...	...	...	...	...	...	...
All share tenants	3,269	45.6	17.4	14.8	13.7	677	786,427	16.32	2.41	160	1.1	8.2	4.9	5.2	2,400	10,735	9.14
Croppers	4,345	64.4	23.2	17.1	14.3	751	910,460	18.11	2.41	60	0.7	3.1	2.2	2.5	2,268	4,730	8.45
Other tenants	371	43.1	2.0	1.9	1.9	649	103,440	15.76	2.43	25	3.0	1.3	1.7	2.0	2,152	2,360	5.13
Areas 8 and 9	3,861	63.0	100.0	100.0	100.0	465	2,409,668	10.34	2.22	1,517	9.5	100.0	100.0	100.0	1,789	225,381	6.41
Owners, part owners, and managers	3,546	63.7	91.8	93.4	93.3	466	2,251,137	10.35	2.22	1,345	8.8	88.7	88.3	85.1	1,857	200,592	6.71
Cash tenants	80	72.9	2.1	1.5	1.6	436	36,735	9.81	2.25	30	10.4	2.0	0.9	1.5	1,103	2,485	4.64
All share tenants	123	56.2	3.2	2.9	3.2	427	69,970	9.50	2.22	82	17.0	5.4	5.7	6.3	1,617	12,879	5.78
Croppers	57	44.5	1.5	1.3	1.2	485	31,001	10.75	2.22	45	13.6	3.0	3.9	2.5	2,807	6,700	7.61
Other tenants	55	45.1	1.4	0.9	0.7	605	20,825	12.66	2.09	15	44.0	1.0	1.1	4.6	430	2,725	1.70

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Virginia—Continued																	
Area 10	5,723	79.6	100.0	100.0	100.0	676	4,578,822	15.66	2.32	1,209	4.9	100.0	100.0	100.0	1,433	108,616	6.06
Owners, part owners, and managers	3,269	79.8	57.1	64.4	62.7	694	3,005,534	16.39	2.36	697	4.8	57.7	71.7	61.6	1,669	71,122	6.45
Cash tenants	196	73.5	3.4	2.6	2.3	760	119,280	17.83	2.35	20	4.2	1.7	2.3	2.1	1,558	2,585	6.71
All share tenants	1,415	78.4	24.7	22.5	23.8	640	978,404	14.06	2.20	302	4.1	25.0	15.5	20.5	1,084	20,769	5.65
Croppers	777	82.4	13.6	9.3	10.0	629	425,805	14.56	2.32	180	6.8	14.9	9.0	13.5	963	12,740	5.29
Other tenants	66	82.2	1.2	1.1	1.2	652	49,799	14.68	2.25	10	9.9	0.8	1.4	2.3	878	1,400	3.41
Areas 11 and D	1,766	70.1	100.0	100.0	100.0	977	2,973,435	20.67	2.12	668	10.5	100.0	100.0	100.0	1,984	155,196	7.22
Owners, part owners, and managers	1,360	70.1	77.0	82.4	83.9	960	2,452,150	20.32	2.12	528	10.4	79.0	87.3	83.7	2,068	128,011	7.12
Cash tenants	136	70.8	7.7	5.7	4.8	1,157	149,840	21.73	1.88	40	14.2	6.0	5.4	6.4	1,653	13,445	9.71
All share tenants	230	73.8	13.0	10.8	9.5	1,107	335,155	24.44	2.21	90	10.0	13.5	6.6	8.7	1,517	12,340	6.62
Croppers	20	58.8	1.1	0.6	0.8	743	21,750	18.28	2.46	10	12.3	1.5	0.7	1.2	1,200	1,400	5.60
Other tenants	20	50.2	1.1	0.5	1.0	509	14,540	10.42	2.05	...	...	...	...	...	...	...	...
Washington, total	19,003	23.2	100.0	100.0	100.0	174	13,924,448	7.94	4.57	1,223	0.3	100.0	100.0	100.0	2,377	276,943	11.78
Owners, part owners, and managers	16,381	23.5	86.2	81.6	76.8	184	11,051,179	8.20	4.45	1,103	0.4	90.2	86.5	90.3	2,276	238,748	11.25
Cash tenants	774	31.8	4.1	4.4	2.1	358	556,547	14.98	4.19	80	0.9	6.5	5.5	4.5	2,900	15,770	14.95
All share tenants	1,658	21.3	8.7	13.1	20.2	112	2,205,958	6.22	5.53	20	0.1	1.6	6.0	3.6	4,000	16,695	19.88
Other tenants	190	25.2	1.0	0.9	0.9	186	110,764	7.24	3.89	20	0.6	1.6	2.0	1.6	2,947	5,730	15.08
Area 1	574	11.6	100.0	100.0	100.0	235	86,704	7.54	3.21	61	0.5	100.0	100.0	100.0	1,465	3,555	7.04
Owners, part owners, and managers	554	11.7	96.5	94.1	95.1	232	81,059	7.41	3.19	56	0.5	91.8	93.2	98.0	1,394	3,505	7.08
Cash tenants	10	23.0	1.7	4.1	2.7	355	2,750	8.87	2.50	5	0.7	8.2	6.8	2.0	5,000	50	5.00
All share tenants	10	9.5	1.7	1.9	2.2	200	2,895	11.58	5.79	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	3,030	33.3	100.0	100.0	100.0	366	1,261,020	13.14	3.59	726	5.5	100.0	100.0	100.0	2,807	214,880	13.63
Owners, part owners, and managers	2,730	32.4	90.1	86.8	85.1	373	1,083,745	13.27	3.56	646	5.5	89.0	85.0	87.5	2,729	182,320	13.22
Cash tenants	200	36.8	6.6	9.5	9.5	365	125,680	13.78	3.78	50	3.6	6.9	6.4	5.6	3,239	13,815	15.70
All share tenants	65	52.2	2.1	3.1	4.8	240	42,680	9.31	3.88	20	9.6	2.8	7.6	5.3	4,000	16,695	19.88
Other tenants	35	20.7	1.2	0.6	0.6	364	8,915	14.50	3.98	10	8.6	1.4	0.9	1.6	1,647	2,050	8.04
Areas 3, A, and B	1,519	20.6	100.0	100.0	100.0	686	502,850	23.98	3.49	236	2.1	100.0	100.0	100.0	2,486	33,340	15.29
Owners, part owners, and managers	1,354	19.2	89.1	78.0	75.7	707	396,670	24.97	3.53	211	2.4	89.4	85.1	91.5	2,311	28,060	14.07
Cash tenants	115	25.1	7.6	11.5	14.7	539	60,570	19.63	3.64	15	0.5	6.4	2.0	2.8	1,833	1,600	26.67
All share tenants	20	36.1	1.3	7.0	6.9	690	29,800	20.48	2.97	...	...	...	...	...	...	...	...
Other tenants	30	20.7	2.0	3.5	2.6	916	15,810	28.75	3.14	10	4.7	4.2	12.9	5.7	5,600	3,680	29.44
Areas 4 and C	1,400	17.6	100.0	100.0	100.0	256	343,688	9.17	3.58	151	1.9	100.0	100.0	100.0	1,128	21,914	5.40
Owners, part owners, and managers	1,335	17.9	95.4	96.6	96.5	257	332,573	9.20	3.58	141	2.0	93.4	98.9	97.4	1,146	21,609	5.47
Cash tenants	45	15.4	3.2	2.8	2.3	309	9,055	10.29	3.33	10	1.8	6.6	1.1	2.6	476	305	2.90
All share tenants	5	0.5	0.4	(Z)	0.1	100	60	3.00	3.00	...	...	...	...	...	...	...	...
Other tenants	15	43.6	1.1	0.5	1.1	118	2,000	4.71	4.00	...	...	...	...	...	...	...	...
Area 5a	1,894	18.7	100.0	100.0	100.0	342	611,302	13.58	3.97	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Owners, part owners, and managers	1,842	19.5	97.3	98.4	98.4	341	602,568	13.60	3.98	30	0.4	100.0	100.0	100.0	843	2,535	3.05
Cash tenants	1	1.4	0.1	0.2	0.2	329	1,200	14.12	4.29	...	...	...	...	...	...	...	...
All share tenants	41	6.5	2.2	1.0	0.9	376	6,079	14.83	3.95	...	...	...	...	...	...	...	...
Other tenants	10	32.6	0.5	0.4	0.5	302	1,455	6.47	2.14	...	...	...	...	...	...	...	...
Area 5b	435	13.4	100.0	100.0	100.0	154	172,624	5.93	3.84	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Owners, part owners, and managers	389	13.4	89.4	92.4	90.2	158	158,557	6.04	3.82	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Cash tenants	15	15.4	3.4	1.2	1.9	96	2,415	4.47	4.64	...	...	...	...	...	...	...	...
All share tenants	25	12.8	5.7	6.0	7.7	120	11,357	5.10	4.24	...	...	...	...	...	...	...	...
Other tenants	6	6.1	1.4	0.4	0.3	215	295	3.17	1.48	...	...	...	...	...	...	...	...
Area 6	4,750	25.1	100.0	100.0	100.0	290	3,066,434	11.93	4.12	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Owners, part owners, and managers	4,117	26.1	86.7	85.4	85.1	291	2,563,020	11.72	4.03	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Cash tenants	306	44.7	6.4	6.8	5.9	332	260,230	17.09	5.15	...	...	...	...	...	...	...	...
All share tenants	277	15.0	5.8	7.2	8.4	248	223,439	10.32	4.17	...	...	...	...	...	...	...	...
Other tenants	50	33.9	1.1	0.7	0.5	354	19,745	14.31	4.05	...	...	...	...	...	...	...	...
Area 7a	2,023	15.9	100.0	100.0	100.0	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,490	16.4	73.7	75.3	72.2	137	2,405,972	7.16	5.22	...	...	...	...	...	...	...	...
Cash tenants	40	25.3	2.0	3.5	0.9	495	69,467	15.95	3.23	...	...	...	...	...	...	...	...
All share tenants	474	14.7	23.4	20.3	26.1	102	707,173	5.81	5.68	...	...	...	...	...	...	...	...
Other tenants	19	13.4	0.9	0.9	0.8	154	31,122	8.39	5.44	...	...	...	...	...	...	...	...
Areas 7b and D	3,378	32.1	100.0	100.0	100.0	110	4,666,092	5.90	5.36	8	(Z)	100.0	100.0	100.0	168	125	1.32
Owners, part owners, and managers	2,570	32.4	76.1	75.8	72.9	114	3,427,015	5.94	5.19	8	(Z)	100.0	100.0	100.0	168	125	1.32
Cash tenants	42	31.0	1.2	0.7	0.4	179	25,180	7.11	3.97	...	...	...	...	...	...	...	...
All share tenants	741	31.0	21.9	22.4	25.6	96	1,182,475	5.85	6.07	...	...	...	...	...	...	...	...
Other tenants	25	44.0	0.7	1.1	1.1	110	31,422	3.78	3.42	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
West Virginia, total	13,865	20.3	100.0	100.0	100.0	371	2,393,180	8.80	2.38	5,304	5.3	100.0	100.0	100.0	3,612	466,180	6.57
Owners, part owners, and managers	12,993	19.9	93.7	91.9	90.9	375	2,198,647	8.90	2.38	5,111	5.4	96.4	94.6	94.2	3,628	441,584	6.61
Cash tenants	237	25.1	1.7	2.6	2.9	335	69,430	8.81	2.63	40	2.6	0.8	1.4	1.2	4,232	5,780	7.05
All share tenants	367	28.1	2.6	4.0	4.7	314	89,585	6.96	2.22	76	3.1	1.4	2.2	2.0	4,000	10,085	7.18
Croppers	78	17.9	0.6	0.4	0.4	326	8,545	7.62	2.33	20	5.3	0.4	0.4	0.5	3,104	1,060	3.16
Other tenants	190	16.9	1.4	1.2	1.1	396	26,973	9.13	2.31	57	8.9	1.1	1.4	2.2	2,351	7,671	4.97
Areas 1 and A	1,233	14.2	100.0	100.0	100.0	396	206,067	9.82	2.48	804	6.5	100.0	100.0	100.0	3,539	70,948	7.44
Owners, part owners, and managers	1,148	13.7	93.1	95.0	91.8	410	195,922	10.17	2.48	779	6.6	96.9	97.5	97.2	3,550	68,398	7.37
Cash tenants	35	34.2	2.8	2.7	4.9	221	6,410	6.22	2.81	5	0.7	0.6	0.6	0.2	9,500	335	16.75
All share tenants	35	20.0	2.8	1.9	2.4	324	2,940	5.88	1.81	20	9.8	2.5	1.9	2.6	2,612	2,215	9.04
Croppers	5	16.3	0.4	0.1	0.2	200	170	4.25	2.13	...	...	...	...	...	...	...	...
Other tenants	10	21.1	0.8	0.2	0.8	125	625	3.91	3.13	...	...	...	...	...	...	...	...
Areas 2a and B	2,187	18.8	100.0	100.0	100.0	372	349,093	9.69	2.61	591	4.1	100.0	100.0	100.0	3,565	56,170	7.13
Owners, part owners, and managers	2,009	18.3	91.9	88.0	88.4	370	302,955	9.52	2.57	551	4.1	93.2	88.6	90.9	3,474	49,800	6.95
Cash tenants	41	37.2	1.9	5.6	5.4	392	26,640	13.82	3.52	10	6.6	1.7	5.2	4.3	4,265	3,250	9.56
All share tenants	85	19.6	3.9	5.0	5.3	351	15,040	7.90	2.25	25	3.7	4.2	5.8	4.6	4,500	2,970	8.25
Croppers	20	18.1	0.9	0.7	0.4	714	2,535	18.11	2.54	5	1.9	0.8	0.5	0.2	8,667	150	10.00
Other tenants	32	8.5	1.5	0.6	0.6	410	1,923	9.38	2.29	...	...	...	...	...	...	...	...
Area 2b	2,401	10.9	100.0	100.0	100.0	402	254,407	9.22	2.29	983	4.8	100.0	100.0	100.0	3,292	76,012	6.30
Owners, part owners, and managers	2,318	11.1	96.5	96.9	96.7	403	247,424	9.27	2.30	957	4.7	97.4	95.4	93.7	3,350	72,692	6.43
Cash tenants	15	1.9	0.6	0.1	0.3	229	335	4.79	2.09	...	...	...	...	...	...	...	...
All share tenants	25	20.2	1.0	0.9	1.8	202	2,155	4.35	2.16	5	1.2	0.5	0.3	0.2	4,000	160	5.33
Croppers	17	3.2	0.7	0.3	0.3	420	855	10.56	2.51	5	2.0	0.5	0.4	0.4	3,000	150	3.00
Other tenants	26	6.8	1.1	1.7	0.9	741	3,638	14.05	1.89	16	17.6	1.6	3.9	5.6	2,311	3,010	4.46
Area 3	1,671	16.2	100.0	100.0	100.0	410	269,541	9.95	2.43	779	5.9	100.0	100.0	100.0	3,422	68,161	6.94
Owners, part owners, and managers	1,611	16.6	96.4	97.0	96.6	412	261,336	9.99	2.43	754	5.9	96.8	95.0	94.3	3,448	64,916	7.01
Cash tenants	20	3.2	1.2	0.7	0.7	411	1,405	7.59	1.85	10	0.7	1.3	1.0	0.4	8,000	955	23.88
All share tenants	10	16.3	0.6	0.7	0.6	471	2,020	11.88	2.53	...	...	...	...	...	...	...	...
Croppers	10	20.1	0.6	0.5	0.6	360	1,110	7.40	2.06	5	22.8	0.6	1.1	1.7	2,118	360	2.12
Other tenants	20	19.0	1.2	1.1	1.6	295	3,670	8.74	2.96	10	15.9	1.3	3.0	3.6	2,857	1,930	5.51
Areas 4 and C	859	17.3	100.0	100.0	100.0	372	83,179	9.36	2.51	238	6.5	100.0	100.0	100.0	3,101	15,421	4.64
Owners, part owners, and managers	798	16.8	92.9	90.5	89.8	376	75,469	9.47	2.52	233	6.9	97.9	99.0	99.2	3,094	15,121	4.59
Cash tenants	36	20.3	4.2	7.3	8.3	327	6,445	8.77	2.69	...	...	...	...	...	...	...	...
All share tenants	5	100.0	0.6	0.4	0.1	2,400	330	66.00	2.75	...	...	...	...	...	...	...	...
Croppers	5	65.2	0.6	0.7	0.8	320	450	6.00	1.88	...	...	...	...	...	...	...	...
Other tenants	15	32.8	1.7	1.1	1.1	400	485	5.11	1.28	5	8.6	2.1	1.0	0.8	4,000	300	12.00
Area 5	4,440	24.0	100.0	100.0	100.0	376	789,842	8.76	2.33	1,623	5.8	100.0	100.0	100.0	3,915	140,313	6.46
Owners, part owners, and managers	4,270	24.0	96.2	96.3	96.6	375	760,170	8.72	2.32	1,581	5.8	97.4	98.3	97.0	3,966	137,132	6.51
Cash tenants	30	32.3	0.7	0.7	0.3	878	5,345	20.96	2.39	10	22.8	0.6	0.3	0.8	1,444	240	1.33
All share tenants	57	23.8	1.3	1.4	1.4	377	11,370	9.05	2.40	11	2.3	0.7	0.5	0.6	3,667	1,140	9.50
Croppers	6	28.2	0.1	0.1	0.1	313	825	7.17	2.29	...	...	...	...	...	...	...	...
Other tenants	77	26.2	1.7	1.5	1.6	361	12,132	8.54	2.37	21	6.4	1.3	0.9	1.6	2,209	1,801	5.22
Area 6	1,074	39.3	100.0	100.0	100.0	321	441,051	7.22	2.25	286	4.2	100.0	100.0	100.0	3,901	39,155	5.96
Owners, part owners, and managers	839	40.9	78.1	79.9	78.5	326	355,371	7.41	2.27	256	4.6	89.5	81.8	82.6	3,862	33,525	6.18
Cash tenants	60	39.0	5.6	5.6	6.0	298	22,850	6.22	2.08	5	2.5	1.7	4.9	3.7	5,208	1,000	4.17
All share tenants	150	34.5	14.0	13.0	14.0	297	55,730	6.53	2.19	15	2.6	5.2	10.9	9.9	4,308	3,600	5.54
Croppers	15	35.9	1.4	0.6	0.9	212	2,600	5.00	2.36	5	6.9	1.7	1.6	1.5	4,000	400	4.00
Other tenants	10	15.7	0.9	1.0	0.6	506	4,500	11.39	2.25	5	6.0	1.7	0.8	2.3	1,400	630	4.20
Wisconsin, total	99,098	30.7	100.0	100.0	100.0	223	25,242,861	6.64	2.98	34,077	4.1	100.0	100.0	100.0	3,882	2,961,816	5.87
Owners, part owners, and managers	81,968	29.7	82.7	81.7	78.9	231	20,592,887	6.87	2.98	28,849	4.2	84.7	82.0	83.3	3,824	2,496,817	5.95
Cash tenants	3,426	30.8	3.5	3.3	3.5	209	804,452	6.10	2.92	950	2.8	2.8	2.1	2.4	3,386	57,695	4.74
All share tenants	12,373	37.1	12.5	13.7	16.2	188	3,518,872	5.70	3.03	3,833	3.9	11.2	14.3	12.9	4,309	366,774	5.63
Other tenants	1,331	31.7	1.3	1.3	1.4	201	326,650	6.00	2.98	445	4.1	1.3	1.5	1.4	4,259	40,530	5.81
Areas 1 and A	5,763	18.5	100.0	100.0	100.0	360	1,400,907	10.70	2.97	2,428	3.6	100.0	100.0	100.0	4,019	215,203	8.52
Owners, part owners, and managers	5,623	18.6	97.6	98.0	97.5	362	1,374,287	10.77	2.98	2,388	3.6	98.4	98.3	97.9	4,035	213,113	8.62
Cash tenants	75	12.1	1.3	1.2	1.2	349	13,270	8.51	2.44	20	0.9	0.8	0.2	0.5	2,000	330	2.75
All share tenants	25	18.5	0.4	0.4	0.5	287	5,770	8.36	2.91	5	2.0	0.2	0.1	0.3	800	120	1.60
Other tenants	40	15.7	0.7	0.4	0.8	173	7,580	7.12	4.12	15	4.8	0.6	1.4	1.3	4,338	1,640	5.05
Area 2a	13,715	27.6	100.0	100.0	100.0	189	2,867,039	6.03	3.18	4,904	4.4	100.0	100.0	100.0	4,149	447,165	5.88
Owners, part owners, and managers	11,979	27.8	87.3	87.5	86.2	192	2,506,884	6.12	3.18	4,298	4.5	87.6	87.0	87.5	4,127	395,490	5.94
Cash tenants	575	26.6	4.2	3.6	3.7	185	103,410	5.87	3.18	150	3.4	3.1	2.9	3.0	4,026	11,390	5.00
All share tenants	1,016	26.6	7.4	7.8	9.0	164	224,200	5.23	3.19	386	3.6	7.9	7.6	7.6	4,161	31,320	5.42
Other tenants	145	24.3	1.1	1.1	1.1	193	32,545	6.28	3.25	70	6.8	1.4	2.4	1.9	5,292	8,965	6.16
Area 2b	9,235	29.8	100.0	100.0	100.0	217	1,698,105	6.03	2.78	3,665	4.9	100.0	100.0	100.0	3,749	269,411	5.77
Owners, part owners, and managers	7,028	29.9	76.1	76.4	75.5	219	1,296,673	6.09	2.78	2,865	5.0	78.2	78.6	76.1	3,875	208,706	5.88
Cash tenants	225	35.8	2.4	3.0	3.1	204	53,485	6.03	2.95	)	7.0	2.7	3.0	3.7	3,055	8,985	5.21
All share tenants	1,802	28.9	19.5	18.8	19.4	209	316,507	5.78	2.76	.5	4.6	17.1	17.0	18.7	3,420	46,395	5.32
Other tenants	180	27.0	1.9	1.9	1.9	215	31,440	5.94	2.77	75	3.7	2.0	1.3	1.6	3,205	5,325	7.29

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wisconsin—Continued																	
Area 3	9,485	34.3	100.0	100.0	100.0	189	2,430,814	5.70	3.01	2,876	4.8	100.0	100.0	100.0	5,096	352,697	5.95
Owners, part owners, and managers	5,804	32.7	61.2	57.9	56.4	195	1,429,812	5.95	3.06	1,836	5.0	63.8	63.5	62.5	5,178	224,352	6.06
Cash tenants	306	39.3	3.2	3.3	3.5	178	80,652	5.43	3.05	80	3.9	2.8	2.3	2.5	4,801	7,515	5.15
All share tenants	3,135	36.7	33.1	36.0	37.3	183	850,920	5.34	2.92	875	4.4	30.4	31.4	32.5	4,929	110,775	5.75
Other tenants	240	33.2	2.5	2.8	2.8	190	69,430	5.80	3.05	85	4.2	3.0	2.8	2.6	5,503	10,055	6.57
Area 4	13,090	26.9	100.0	100.0	100.0	217	2,411,758	6.48	2.98	6,308	6.0	100.0	100.0	100.0	4,210	669,222	8.06
Owners, part owners, and managers	12,119	26.8	92.6	92.2	91.3	220	2,230,988	6.56	2.99	5,952	6.2	94.4	94.5	94.8	4,198	629,808	8.00
Cash tenants	255	22.8	1.9	1.6	1.7	203	37,230	5.97	2.94	85	3.0	1.3	1.3	1.0	5,423	7,055	8.66
All share tenants	601	29.8	4.6	5.2	5.9	192	125,215	5.69	2.97	231	3.8	3.7	3.6	3.3	4,533	27,589	9.94
Other tenants	115	30.4	0.9	1.0	1.1	194	18,325	4.46	2.30	40	5.7	0.6	0.6	0.9	2,915	4,770	6.24
Area 5	6,163	28.9	100.0	100.0	100.0	243	1,733,763	6.96	2.86	2,856	5.1	100.0	100.0	100.0	3,552	249,421	5.73
Owners, part owners, and managers	5,621	28.3	91.2	92.3	89.9	250	1,606,273	7.17	2.87	2,626	5.0	91.9	89.2	91.1	3,480	227,421	5.73
Cash tenants	110	31.1	1.8	1.5	1.7	217	25,885	6.10	2.81	55	4.7	1.9	2.4	1.5	5,705	5,370	8.33
All share tenants	346	37.8	5.6	5.3	7.2	181	87,725	4.92	2.72	160	6.2	5.6	8.0	6.8	4,190	15,395	5.22
Other tenants	86	30.7	1.4	0.9	1.2	169	13,880	4.67	2.76	15	3.1	0.5	0.4	0.7	2,068	1,235	4.19
Area 6	8,888	25.8	100.0	100.0	100.0	257	2,018,997	7.52	2.93	2,070	2.4	100.0	100.0	100.0	2,668	130,882	5.22
Owners, part owners, and managers	8,533	25.8	96.0	96.5	95.8	259	1,948,757	7.58	2.93	1,990	2.4	96.1	96.5	95.7	2,688	125,767	5.24
Cash tenants	125	18.7	1.4	0.9	1.1	207	17,770	5.91	2.86	15	0.7	0.7	0.5	0.4	3,143	400	3.81
All share tenants	175	25.8	2.0	1.9	2.4	202	39,165	6.12	3.02	55	3.7	2.7	2.8	3.6	2,066	4,400	4.86
Other tenants	55	38.1	0.6	0.7	0.7	253	13,305	7.13	2.82	10	1.1	0.5	0.3	0.2	3,091	315	5.73
Area 7	10,272	23.1	100.0	100.0	100.0	218	2,345,071	6.26	2.88	2,984	2.5	100.0	100.0	100.0	1,567	91,607	2.23
Owners, part owners, and managers	8,732	22.4	85.0	84.7	82.8	223	1,995,871	6.44	2.89	2,564	2.6	85.9	84.3	87.0	1,519	77,407	2.17
Cash tenants	470	17.2	4.6	3.7	3.6	220	83,645	6.13	2.79	145	2.6	4.9	4.4	4.9	1,384	3,730	1.84
All share tenants	985	33.0	9.6	11.7	12.9	187	253,355	5.23	2.80	250	2.1	8.4	10.8	7.6	2,220	10,055	3.21
Other tenants	85	21.3	0.8	0.5	0.6	180	12,200	5.13	2.85	25	1.6	0.8	0.5	0.4	1,833	415	2.31
Areas 8 and B	20,007	42.2	100.0	100.0	100.0	212	6,999,293	6.46	3.05	5,609	3.8	100.0	100.0	100.0	4,240	506,763	5.20
Owners, part owners, and managers	14,584	41.7	72.9	74.1	71.4	220	5,128,203	6.63	3.02	4,068	3.9	72.5	73.5	74.4	4,185	374,258	5.16
Cash tenants	965	37.7	4.8	3.8	4.0	205	251,755	5.86	2.86	235	2.3	4.2	1.8	2.7	2,891	11,005	4.22
All share tenants	4,113	45.1	20.6	20.7	23.1	190	1,515,805	6.06	3.20	1,206	3.7	21.5	23.2	21.3	4,624	114,465	5.52
Other tenants	345	40.1	1.7	1.4	1.6	188	103,530	5.90	3.14	100	3.6	1.8	1.5	1.6	3,931	7,035	4.42
Areas 9 and C	2,480	51.1	100.0	100.0	100.0	331	1,337,114	9.61	2.90	377	2.5	100.0	100.0	100.0	2,107	29,445	4.36
Owners, part owners, and managers	1,945	51.2	78.4	80.8	73.8	363	1,075,139	10.47	2.89	262	2.7	69.5	76.8	81.1	1,997	20,495	3.74
Cash tenants	320	52.6	12.9	10.2	13.6	248	137,350	7.25	2.93	65	1.1	17.2	5.3	5.8	1,923	1,915	4.91
All share tenants	175	50.7	7.1	7.1	11.1	213	100,210	6.49	3.04	40	2.8	10.6	16.1	12.4	2,738	6,260	7.45
Other tenants	40	40.8	1.6	1.9	1.5	419	24,415	11.77	2.81	10	1.0	2.7	1.8	0.7	5,000	775	15.50
Wyoming, total	2,169	4.4	100.0	100.0	100.0	194	991,756	8.26	4.25	7	(Z)	100.0	100.0	100.0	1,321	1,958	2.05
Owners, part owners, and managers	1,524	3.5	70.3	68.4	68.8	193	663,446	8.04	4.16	2	(Z)	28.6	48.5	33.5	1,912	1,208	3.78
Cash tenants	36	2.3	1.7	1.1	1.2	182	11,967	8.65	4.75	...	...	...	...	...	...	...	...
All share tenants	578	11.7	26.6	29.5	29.2	196	307,961	8.80	4.48	5	0.2	71.4	51.5	66.5	1,024	750	1.18
Other tenants	31	6.5	1.4	1.0	0.9	224	8,382	7.69	3.44	...	...	...	...	...	...	...	...
Area 1	134	0.7	100.0	100.0	100.0	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...
Owners, part owners, and managers	129	0.7	96.3	93.9	97.8	208	38,875	6.62	3.18	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	5	0.8	3.7	6.1	2.2	593	1,520	11.26	1.90	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,320	12.6	100.0	100.0	100.0	191	642,695	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Owners, part owners, and managers	984	11.3	74.5	71.4	72.5	188	456,670	8.05	4.28	...	...	...	...	...	...	...	...
Cash tenants	22	4.0	1.7	0.9	1.0	176	6,887	8.81	4.99	...	...	...	...	...	...	...	...
All share tenants	283	20.9	21.4	26.0	25.1	198	170,756	8.70	4.40	5	0.7	100.0	100.0	100.0	1,024	750	1.18
Other tenants	31	13.3	2.3	1.6	1.4	224	8,382	7.69	3.44	...	...	...	...	...	...	...	...
Area 2b	715	2.7	100.0	100.0	100.0	198	308,666	8.62	4.36	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Owners, part owners, and managers	411	1.8	57.5	57.4	55.7	203	167,901	8.41	4.14	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Cash tenants	14	2.4	2.0	1.6	1.7	189	5,080	8.44	4.46	...	...	...	...	...	...	...	...
All share tenants	290	8.1	40.6	41.0	42.6	190	135,685	8.90	4.67	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.