

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954

State, economic area, and type of farm	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 owt. of fertilizer used	Farms reporting lime		Lime used	Acres limed	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	
All crop farms.....	1,185,058	27.1	51.6	55.2	50.1	338	572,012,196	9.83	2.91	125,238	1.4	27.8	29.2	30.5	3,184	19,889,595	6.67	
All livestock farms.....	839,106	23.8	36.6	32.0	36.8	266	323,214,468	7.55	2.84	264,982	3.1	58.8	58.1	56.9	3,397	37,029,436	6.66	
General crop and livestock farms...	246,283	28.7	10.7	11.9	12.6	289	119,925,766	8.20	2.84	56,346	2.3	12.5	12.2	11.7	3,456	7,555,809	6.58	
All other farms.....	24,514	31.6	1.1	0.9	0.5	540	8,953,006	14.61	2.71	4,284	4.3	1.0	0.6	0.9	2,202	547,092	6.50	
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	
All crop farms.....	69,339	71.6	77.6	64.1	64.4	407	22,932,280	8.69	2.14	2,216	1.5	42.5	29.6	28.8	1,858	283,177	5.02	
All livestock farms.....	12,164	46.6	13.6	23.1	22.9	412	7,675,014	8.17	1.99	1,993	5.1	38.3	52.8	52.3	1,825	529,367	5.18	
General crop and livestock farms...	6,555	64.6	7.3	11.3	11.3	409	3,884,403	8.40	2.05	852	4.1	16.4	14.6	15.2	1,734	160,336	5.40	
All other farms.....	1,288	31.5	1.4	1.5	1.4	430	544,681	9.17	2.13	148	3.9	2.8	3.0	3.7	1,461	28,640	3.91	
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	
All crop farms.....	11,630	68.1	87.5	80.0	80.3	366	3,692,546	7.17	1.96	529	1.8	57.5	43.6	42.5	2,412	64,088	4.77	
All livestock farms.....	1,174	50.4	8.8	14.4	13.9	381	675,176	7.56	1.99	280	7.3	30.4	41.7	40.9	2,398	62,036	4.80	
General crop and livestock farms...	407	63.8	3.1	5.2	5.4	350	233,393	6.69	1.91	100	8.9	10.9	13.9	15.5	2,110	18,767	3.84	
All other farms.....	73	41.1	0.5	0.4	0.4	379	17,650	7.23	1.91	11	5.4	1.2	0.9	1.0	2,063	1,640	5.13	
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	
All crop farms.....	13,100	81.2	82.5	79.6	79.0	450	4,642,039	10.63	2.36	327	0.9	59.5	33.3	32.5	1,998	23,710	5.04	
All livestock farms.....	1,749	62.1	11.0	12.8	13.2	432	704,602	9.66	2.23	157	7.1	28.5	55.8	57.5	1,897	34,654	4.17	
General crop and livestock farms...	950	71.7	6.0	7.1	7.1	445	401,945	10.25	2.30	61	2.3	11.1	9.1	8.7	2,032	6,964	5.51	
All other farms.....	81	40.9	0.5	0.6	0.7	396	32,905	9.02	2.28	5	2.0	0.9	1.8	1.2	2,971	785	4.49	
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	
All crop farms.....	4,985	66.3	76.3	68.5	68.6	419	1,706,681	9.16	2.18	161	1.5	34.9	24.0	22.1	1,981	19,265	4.61	
All livestock farms.....	1,121	45.0	17.2	25.0	24.2	434	570,722	8.67	2.00	238	9.0	51.6	66.7	69.5	1,751	56,625	4.31	
General crop and livestock farms...	314	46.8	4.8	5.8	6.1	394	139,821	8.37	2.12	49	3.7	10.6	8.6	7.0	2,235	6,446	4.85	
All other farms.....	116	32.4	1.8	0.7	1.0	272	33,290	11.75	4.32	13	3.0	2.8	0.7	1.4	901	895	3.42	
Areas 4 and B.....	5,780	48.1	100.0	100.0	100.0	394	1,773,715	8.59	2.18	443	3.8	100.0	100.0	100.0	1,738	99,806	6.06	
All crop farms.....	4,207	58.3	72.8	59.0	59.8	388	1,070,689	8.67	2.23	112	1.8	25.3	25.1	23.6	1,851	20,897	5.38	
All livestock farms.....	1,093	41.5	18.9	31.2	30.7	401	531,949	8.39	2.09	238	6.7	53.7	59.1	61.8	1,662	62,593	6.15	
General crop and livestock farms...	291	47.5	5.0	6.4	6.5	392	112,022	8.41	2.15	61	5.7	13.8	10.0	9.7	1,803	11,171	7.01	
All other farms.....	189	17.2	3.3	3.4	3.0	443	59,055	9.39	2.12	32	2.2	7.2	5.7	4.9	2,020	5,145	6.35	
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	
All crop farms.....	9,498	66.6	80.9	66.1	67.9	387	2,785,466	8.60	2.22	209	1.8	40.3	27.7	33.0	1,596	37,768	4.39	
All livestock farms.....	1,373	50.4	11.7	22.6	21.7	415	830,394	8.04	1.94	227	6.5	43.8	55.6	50.7	2,086	74,561	5.64	
General crop and livestock farms...	646	51.8	5.5	9.5	8.7	436	365,710	8.84	2.03	79	5.2	15.3	16.4	15.9	1,965	26,248	6.32	
All other farms.....	223	26.3	1.9	1.8	1.8	393	66,247	7.66	1.95	3	0.3	0.6	0.3	0.4	1,389	502	4.65	
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	
All crop farms.....	10,599	60.0	82.2	44.9	44.8	397	2,118,723	8.35	2.10	73	0.7	16.8	8.7	9.2	1,704	14,139	5.06	
All livestock farms.....	1,874	33.9	14.5	46.1	46.8	391	1,878,742	7.09	1.81	300	2.9	69.1	75.2	73.3	1,849	123,762	5.55	
General crop and livestock farms...	303	34.2	2.4	7.0	6.6	420	315,793	8.46	2.01	36	2.0	8.3	7.8	7.1	1,973	12,464	5.78	
All other farms.....	113	27.9	0.9	1.9	1.9	417	90,597	8.63	2.07	25	8.4	5.8	8.4	10.4	1,444	10,615	3.34	
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	
All crop farms.....	12,525	81.0	67.6	58.3	59.3	374	5,027,761	7.66	2.05	617	1.7	40.8	31.8	29.8	1,458	73,087	5.35	
All livestock farms.....	2,589	65.2	14.0	18.9	17.9	400	1,637,892	8.26	2.06	457	6.2	30.2	40.5	41.5	1,332	93,539	4.92	
General crop and livestock farms...	3,225	79.4	17.4	21.5	21.5	378	1,859,466	7.80	2.06	409	3.9	27.0	25.4	25.7	1,350	61,203	5.21	
All other farms.....	202	44.6	1.1	1.4	1.2	424	108,997	8.00	1.89	30	4.5	2.0	2.3	3.0	1,051	4,241	3.07	
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	
All crop farms.....	1,290	68.1	68.9	49.5	53.3	320	253,141	7.37	2.30	13	1.2	22.8	29.9	33.0	1,503	2,640	4.41	
All livestock farms.....	372	46.7	19.9	34.1	30.7	382	160,587	8.10	2.12	21	1.8	36.8	40.9	41.3	1,643	5,385	7.18	
General crop and livestock farms...	84	60.1	4.5	7.7	8.1	327	37,464	7.21	2.20	6	1.4	10.5	8.0	6.6	2,000	1,495	12.46	
All other farms.....	126	27.2	6.7	8.7	7.9	378	36,964	7.24	1.92	17	1.8	29.8	21.3	19.0	1,861	2,087	6.05	
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	
All crop farms.....	1,505	83.4	53.3	57.4	51.1	743	1,635,234	15.11	2.03	175	3.5	55.9	45.6	44.4	1,802	27,583	6.10	
All livestock farms.....	819	70.6	29.0	23.9	28.9	548	684,950	11.20	2.05	75	2.9	24.0	26.1	24.4	1,880	16,212	6.54	
General crop and livestock farms...	335	79.9	11.9	15.7	17.0	613	418,789	11.64	1.90	51	5.4	16.3	23.6	23.8	1,743	15,578	6.44	
All other farms.....	165	73.2	5.8	2.9	3.0	654	98,976	15.68	2.40	12	8.7	3.8	4.6	7.4	1,099	2,730	3.62	
Arizona, total.....	3,074	52.0	100.0	100.0	100.0	312	12,266,614	15.65	5.02	13	(2)	100.0	100.0	100.0	1,721	3,875	5.75	
All crop farms.....	2,319	61.5	75.4	88.7	87.5	316	10,983,072	16.02	5.06	12	0.1	92.3	96					

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 2a.....	1,006	60.5	100.0	100.0	100.0	328	5,712,119	16.51	5.03	3	(2)	100.0	100.0	100.0	2,054	2,500	11.16	
All crop farms.....	830	60.6	82.5	88.8	89.7	325	5,187,432	16.72	5.15	2	(2)	66.7	91.3	64.3	2,917	2,250	15.62	
All livestock farms.....	55	43.2	5.5	3.0	3.2	310	136,617	12.23	3.95	...	...	...	...	...	...	...	...	
General crop and livestock farms...	111	74.0	11.0	8.0	7.0	375	379,570	15.76	4.20	1	0.2	33.3	8.7	35.7	500	250	3.12	
All other farms.....	10	33.9	1.0	0.2	0.1	541	8,500	22.97	4.25	...	...	...	...	...	...	...	...	
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	
All crop farms.....	394	45.0	81.2	91.8	87.4	254	816,293	12.11	4.77	5	0.2	100.0	100.0	100.0	2,000	1,000	4.00	
All livestock farms.....	65	13.8	13.4	6.8	10.6	155	89,128	10.88	7.00	...	...	...	...	...	...	...	...	
General crop and livestock farms...	16	17.3	3.3	1.3	2.0	151	13,472	8.69	5.76	...	...	...	...	...	...	...	...	
All other farms.....	10	66.7	2.1	0.1	(2)	800	770	38.50	4.81	...	...	...	...	...	...	...	...	
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	
All crop farms.....	51,534	42.7	76.7	81.7	82.3	233	17,524,629	7.75	3.33	1,018	0.6	35.4	46.3	45.7	3,020	196,739	6.26	
All livestock farms.....	12,704	18.4	18.9	13.9	13.2	246	2,431,655	6.69	2.72	1,596	1.6	55.5	44.7	45.3	2,947	186,853	6.00	
General crop and livestock farms...	2,623	28.8	3.9	4.1	4.0	238	770,756	6.94	2.91	230	1.4	8.0	7.2	8.1	2,656	30,183	5.43	
All other farms.....	313	20.4	0.5	0.3	0.4	216	63,388	6.33	2.93	34	1.3	1.2	1.8	0.9	6,149	5,640	9.14	
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	
All crop farms.....	170	52.9	6.2	10.7	11.6	215	67,480	7.29	3.38	15	0.4	4.5	1.1	1.0	3,692	370	5.69	
All livestock farms.....	2,413	25.0	87.3	83.7	82.1	237	408,496	6.24	2.63	286	2.1	85.1	81.6	84.7	3,345	27,890	5.10	
General crop and livestock farms...	170	33.2	6.2	5.4	6.2	206	28,625	5.84	2.83	30	6.2	8.9	17.3	14.2	4,230	6,655	7.27	
All other farms.....	10	12.6	0.4	0.1	0.1	244	525	5.83	2.39	5	0.7	1.5	(2)	0.1	2,000	45	9.00	
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	
All crop farms.....	592	27.4	13.7	13.2	14.5	238	67,162	5.50	2.31	5	(2)	1.0	0.1	0.1	4,000	50	10.00	
All livestock farms.....	3,293	12.8	76.4	75.4	73.8	268	420,582	6.77	2.52	482	1.1	92.5	94.6	94.6	3,345	37,033	7.24	
General crop and livestock farms...	364	20.7	8.4	10.6	11.0	254	56,653	6.13	2.41	23	0.5	4.4	3.9	4.2	3,066	1,382	6.03	
All other farms.....	59	6.0	1.4	0.8	0.7	282	4,305	6.98	2.47	11	0.6	2.1	1.4	1.1	4,483	630	10.86	
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	
All crop farms.....	906	26.4	30.1	35.9	35.2	252	248,540	7.17	2.84	54	1.0	20.8	24.5	23.6	2,837	6,823	5.23	
All livestock farms.....	1,852	20.4	61.5	55.1	56.8	240	381,169	6.80	2.84	190	1.5	73.1	71.7	73.2	2,672	18,982	4.69	
General crop and livestock farms...	232	24.3	7.7	8.8	7.9	276	59,959	7.72	2.80	16	0.6	6.2	3.7	3.3	3,111	1,199	6.66	
All other farms.....	20	4.3	0.7	0.2	0.1	545	1,750	15.91	2.92	...	...	...	...	...	...	...	...	
Areas 3 and A.....	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	
All crop farms.....	3,312	30.7	60.4	63.6	63.1	263	840,922	7.14	2.71	106	0.3	32.2	25.7	23.2	4,077	9,116	7.93	
All livestock farms.....	1,537	15.2	28.0	23.0	22.8	263	349,978	8.21	3.12	158	1.0	48.0	51.5	59.0	3,213	20,033	6.85	
General crop and livestock farms...	603	26.1	11.0	12.3	12.9	249	165,410	6.89	2.77	59	0.8	17.9	12.8	14.6	3,227	4,620	6.40	
All other farms.....	30	33.3	0.5	1.1	1.2	241	14,180	6.58	2.73	6	2.5	1.8	10.1	3.2	11,500	1,640	10.25	
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	
All crop farms.....	221	24.1	14.5	23.3	23.9	230	64,400	6.74	2.93	6	0.2	2.7	2.1	1.8	2,941	325	3.82	
All livestock farms.....	1,133	13.8	74.4	67.4	64.4	248	158,464	6.16	2.49	203	2.4	91.0	93.7	95.1	2,514	22,426	5.04	
General crop and livestock farms...	135	17.1	8.9	7.7	8.4	216	21,852	6.50	3.01	11	0.3	4.9	1.8	1.3	3,667	445	7.42	
All other farms.....	34	16.2	2.2	1.6	3.3	113	4,005	3.01	2.67	3	1.0	1.3	2.3	1.8	3,333	597	7.11	
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	
All crop farms.....	2,165	41.7	69.2	69.3	66.5	243	542,643	6.40	2.64	31	0.3	24.0	26.8	15.4	2,871	4,807	6.82	
All livestock farms.....	668	19.1	21.3	21.4	24.0	208	166,201	5.44	2.61	67	2.1	51.9	60.5	73.2	1,360	8,520	2.54	
General crop and livestock farms...	235	32.0	7.5	8.4	8.5	230	71,941	6.64	2.88	30	1.5	23.3	12.6	11.0	1,881	2,550	5.05	
All other farms.....	61	17.4	1.9	0.9	1.0	218	6,691	5.49	2.52	1	0.3	0.8	0.1	0.4	200	8	0.40	
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	
All crop farms.....	3,241	50.9	72.7	74.4	73.9	273	897,519	8.02	2.93	41	0.8	27.3	28.8	33.3	2,157	8,991	5.40	
All livestock farms.....	812	19.7	18.2	16.8	16.6	275	175,612	7.00	2.54	89	1.7	59.3	48.1	44.4	2,704	14,888	6.71	
General crop and livestock farms...	334	35.3	7.5	7.7	8.3	252	87,914	7.02	2.79	13	2.4	8.7	14.8	17.1	2,156	4,300	5.01	
All other farms.....	74	24.0	1.7	1.2	1.3	254	13,342	6.93	2.73	7	3.2	4.7	8.3	5.2	4,000	2,540	9.77	
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	
All crop farms.....	15,201	37.5	95.1	94.3	94.4	229	4,755,978	7.42	3.25	471	0.7	83.5	83.7	79.6	3,252	71,457	5.72	
All livestock farms.....	416	25.1	2.6	2.8	2.7	233	137,237	7.36	3.16	46	1.6	8.2	8.0	7.4	3,308	7,255	6.20	
General crop and livestock farms...	349	30.8	2.2	2.7	2.7	235	140,804	7.76	3.31	47	3.5	8.3	8.3	13.0	1,968	8,270	4.05	
All other farms.....	12	48.7	0.1	0.2	0.2	240	14,065	10.70	4.45	...	...	...	...	...	...	...	...	
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	
All crop farms.....	3,366	45.8	89.5	92.5	93.9	204	2,338,284	7.58	3.72	36	0.2	38.3	30.9	44.5	2,591	11,351	6.97	
All livestock farms.....	304	28.3	8.1	5.4	4.1	276	92,909	6.95	2.52	57	4.2	60.6	67.3	54.3	4,625	26,033	13.12	
General crop and livestock farms...	90	38.3	2.4	2.0	1.8	227	43,590	7.39	3.26	1	0.3	1.1	1.8	1.1	5,952	762	18.14	
All other farms.....	1	74.4	(2)	0.1	0.2	90	1,800	2.25	2.50	...	...	...	...	...	...	...	...	
Area 8a.....	15,735	49.1	100.0	10														

2 Less than 0.05.

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed
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
All crop farms.....	31,351	39.0	76.5	78.3	75.7	435	48,080,110	16.58	3.81	1,306	0.7	73.8	68.8	73.8	3,584	561,291	10.93
All livestock farms.....	5,444	8.1	13.3	6.1	9.1	283	3,279,346	9.37	3.32	294	0.2	16.6	8.6	14.3	2,311	87,841	8.82
General crop and livestock farms.....	2,672	35.1	6.5	14.2	14.4	414	10,047,012	18.17	4.39	112	0.5	6.3	21.2	10.7	7,619	125,260	16.83
All other farms.....	1,489	31.5	3.6	1.4	0.7	829	957,689	36.30	4.38	58	1.0	3.3	1.3	1.2	4,299	22,255	26.62
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
All crop farms.....	335	25.4	42.9	39.4	39.6	368	138,095	13.57	3.69	5	0.7	5.4	9.2	19.0	1,000	1,800	6.00
All livestock farms.....	392	7.5	50.3	54.5	56.1	359	137,454	9.52	2.65	73	0.6	78.5	81.8	71.1	2,371	19,409	17.31
General crop and livestock farms.....	11	7.0	1.4	1.5	2.4	237	4,601	7.48	3.15	5	0.3	5.4	1.5	1.6	2,000	70	2.80
All other farms.....	42	3.5	5.4	4.6	1.9	888	14,565	29.54	3.33	10	0.9	10.8	7.4	8.2	1,846	2,350	18.08
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
All crop farms.....	731	18.9	73.1	56.6	54.3	346	226,602	12.08	3.49	21	0.5	55.3	79.0	55.4	2,849	7,484	15.27
All livestock farms.....	229	8.0	22.9	36.5	41.0	295	115,853	8.18	2.77	17	0.2	44.7	21.0	44.6	937	1,795	4.54
General crop and livestock farms.....	19	5.9	1.9	2.5	2.8	303	10,015	10.39	3.43	...	...	...	...	...	...	...	...
All other farms.....	21	13.3	2.1	4.4	1.8	787	21,665	34.12	4.33	...	...	...	...	...	...	...	...
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
All crop farms.....	2,825	30.2	81.5	87.1	82.3	658	3,252,765	26.08	3.97	63	1.2	57.8	85.2	72.7	3,595	41,226	8.13
All livestock farms.....	170	4.2	4.9	3.1	10.0	191	108,485	7.19	3.77	15	0.5	13.8	7.8	23.8	1,004	7,242	4.35
General crop and livestock farms.....	88	13.3	2.5	4.0	5.7	436	134,730	15.52	3.56	1	0.3	0.9	6.5	2.4	8,434	2,100	12.65
All other farms.....	384	46.5	11.1	5.9	2.0	1,801	274,955	89.30	4.96	30	1.1	27.5	0.4	1.1	1,200	540	7.20
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
All crop farms.....	1,237	22.0	78.1	88.3	79.3	1,057	5,290,001	36.33	3.44	57	0.3	89.1	80.4	86.0	2,234	16,599	8.05
All livestock farms.....	171	5.1	10.8	2.1	8.3	242	131,060	8.58	3.55	7	0.1	10.9	19.6	14.0	3,355	2,038	6.08
General crop and livestock farms.....	153	21.3	9.7	9.2	11.7	751	659,018	30.75	4.09	...	...	...	...	...	...	...	...
All other farms.....	22	62.2	1.4	0.4	0.7	556	24,990	19.86	3.97	...	...	...	...	...	...	...	...
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
All crop farms.....	3,279	39.3	73.0	78.8	82.0	248	5,439,009	9.41	3.80	66	0.2	48.9	34.5	38.0	3,867	25,159	10.72
All livestock farms.....	754	7.2	16.8	5.0	6.0	215	271,238	6.46	3.01	31	0.2	23.0	6.8	16.7	1,733	5,957	5.76
General crop and livestock farms.....	425	29.6	9.5	15.6	11.4	353	936,710	11.70	3.31	38	1.0	28.1	58.7	45.2	5,529	30,911	11.07
All other farms.....	35	60.9	0.8	0.6	0.7	229	50,146	10.06	4.40	...	...	...	...	...	...	...	...
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
All crop farms.....	3,373	36.2	63.2	73.8	66.4	428	3,857,487	15.19	3.55	239	1.6	66.6	68.4	68.8	3,649	104,400	9.16
All livestock farms.....	1,503	11.2	28.2	14.4	19.8	280	581,555	7.68	2.74	81	0.4	22.6	9.9	18.1	2,005	29,932	9.99
General crop and livestock farms.....	426	25.9	8.0	11.7	13.6	332	615,435	11.85	3.57	38	1.0	10.6	21.0	12.5	6,154	23,828	11.46
All other farms.....	31	49.2	0.6	0.1	0.2	241	11,660	14.34	5.95	1	6.1	0.3	0.7	0.6	4,000	3,500	35.00
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
All crop farms.....	8,920	43.0	85.8	80.1	83.0	352	14,959,965	13.08	3.72	643	1.0	91.7	74.0	85.8	3,889	306,654	11.98
All livestock farms.....	767	7.0	7.4	3.4	3.7	340	544,992	10.81	3.18	35	0.3	5.0	6.8	7.6	4,082	20,575	9.19
General crop and livestock farms.....	677	42.8	6.5	16.3	13.2	450	4,244,246	23.26	5.17	23	0.5	3.3	19.2	6.7	12,891	66,026	32.78
All other farms.....	27	51.1	0.3	0.1	0.1	630	15,900	16.37	2.60	...	...	...	...	...	...	...	...
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
All crop farms.....	7,777	38.7	81.2	86.5	80.8	712	7,845,164	28.69	4.03	161	0.3	81.7	80.4	82.0	2,221	38,647	16.95
All livestock farms.....	649	7.6	6.8	4.6	8.8	346	337,671	11.29	3.26	29	(Z)	14.7	2.9	4.4	1,504	653	5.40
General crop and livestock farms.....	297	14.6	3.1	3.7	6.9	355	339,684	14.58	4.11	1	0.2	0.5	15.9	10.8	3,333	1,700	5.67
All other farms.....	857	48.9	8.9	5.3	3.5	991	515,240	43.12	4.35	6	0.3	3.0	0.8	2.9	625	250	3.12
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
All crop farms.....	1,993	63.0	71.9	62.8	55.3	521	6,518,580	22.26	4.28	26	0.2	81.2	93.9	94.1	2,215	10,792	10.35
All livestock farms.....	297	40.2	10.7	7.8	11.2	318	862,907	14.52	4.56	...	...	...	...	...	...	...	...
General crop and livestock farms.....	469	70.9	16.9	29.3	33.4	403	3,047,189	17.25	4.28	6	(Z)	18.8	6.1	5.9	2,308	625	9.62
All other farms.....	11	19.5	0.4	0.1	(Z)	623	5,725	24.78	3.98	...	...	...	...	...	...	...	...
Area 9.....	1,559	9.3	100.0	100.0	100.0	231	818,800	8.08	3.49	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
All crop farms.....	881	27.3	56.5	63.4	58.1	252	552,442	9.38	3.72	25	0.3	59.5	38.8	59.3	2,473	8,530	11.53
All livestock farms.....	512	4.3	32.8	27.0	33.2	188	188,131	5.59	2.97	6	(Z)	14.3	1.5	4.6	1,228	240	4.21
General crop and livestock farms.....	107	8.7	6.9	6.4	6.8	220	55,384	8.07	3.67	...	...	...	...	...	...	...	...
All other farms.....	59	10.5	3.8	3.2	1.9	381	22,843	11.60	3.05	11	2.4	26.2	59.7	36.1	6,239	15,615	34.62
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
All crop farms.....	3,228	3.3	35.9	37.6	36.5	223	1,479,652	9.77	4.38	26	(Z)	39.4	44.6	46.2	1,539	2,085	4.53
All livestock farms.....	3,554	3.4	39.6	38.0	41.9	196	1,439,293	8.27	4.21	20	(Z)	30.3	47.9	50.3	1,520	3,020	6.04
General crop and livestock farms.....	2,012	7.8	22.4	22.6	21.4	228	889,854	10.00	4.39	...	...	...	...	...	...	...	...
All other farms.....	187	7.1	2.1	1.8	0.1	2,662	60,201	99.67	3.74	20	0.4	30.3	7.6	3.5	3,429	550	15.71
Area 1.....	301	1.3	100.0	100.0	100.0	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
All crop farms.....	28	0.6	9.3	8.2	6.7	209	5,809	7.99	3.82	...	...	...	...	...	...	...	...
All livestock farms.....	243	1.5	8														

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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—		
			Farms reporting use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed
														Quantity used per acre limed (lb.)
														For lime
														Per acre limed
Colorado—Continued														
Area 2b.....	528	6.5	100.0	100.0	100.0	276	410,307	11.27	4.08	21	0.1	100.0	100.0	1,766
All crop farms.....	356	14.3	67.4	75.0	70.2	295	304,212	11.90	4.03	16	0.2	76.2	56.4	1,620
All livestock farms.....	102	2.3	19.3	15.9	20.2	217	67,049	9.10	4.19	5	0.1	23.8	38.5	2,000
General crop and livestock farms.....	70	6.3	13.3	9.1	9.5	264	39,046	11.23	4.25	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3.....	4,199	9.6	100.0	100.0	100.0	209	2,065,111	9.32	4.47	5	(2)	100.0	100.0	4,000
All crop farms.....	1,273	6.8	30.3	31.7	32.6	203	687,836	9.54	4.70	...	...	...	...	...
All livestock farms.....	1,838	10.1	43.8	41.8	42.8	204	822,847	8.67	4.26	...	...	...	...	...
General crop and livestock farms.....	1,063	17.5	25.3	26.3	24.5	223	550,278	10.12	4.53	...	...	...	...	...
All other farms.....	25	16.3	0.6	0.2	0.1	606	4,150	25.15	4.15	5	0.5	100.0	100.0	4,000
Areas 4 and A.....	1,108	1.1	100.0	100.0	100.0	159	341,408	6.44	4.05	40	(2)	100.0	100.0	1,235
All crop farms.....	439	0.9	39.6	41.3	41.7	158	132,137	5.98	3.79	10	(2)	25.0	14.3	1,000
All livestock farms.....	417	1.2	37.6	32.8	48.5	107	124,589	4.84	4.51	15	(2)	37.5	61.9	1,040
General crop and livestock farms.....	91	1.4	8.2	8.0	9.0	142	28,661	6.04	4.25	...	...	...	...	...
All other farms.....	161	16.8	14.6	17.9	0.8	3,443	56,021	127.90	3.71	15	1.1	37.5	23.8	3,333
Area 5.....	870	2.0	100.0	100.0	100.0	265	386,879	11.19	4.22	...	...	...	...	...
All crop farms.....	221	1.6	25.4	21.3	26.3	215	92,119	10.14	4.72	...	...	...	...	...
All livestock farms.....	275	1.5	31.6	39.3	36.1	288	144,861	11.60	4.03	...	...	...	...	...
General crop and livestock farms.....	374	4.8	43.0	39.5	37.6	278	149,899	11.53	4.34	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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	2,168
All crop farms.....	1,213	62.8	26.7	59.2	27.7	1,920	2,678,246	67.13	3.50	486	13.1	20.2	14.1	1,317
All livestock farms.....	2,953	30.6	65.0	36.7	68.5	481	1,325,269	13.43	2.79	1,762	8.0	73.2	79.8	2,412
General crop and livestock farms.....	146	29.5	3.2	2.5	2.5	910	97,170	26.97	2.96	61	8.6	2.5	3.0	2,220
All other farms.....	233	40.8	5.1	1.5	1.3	1,007	68,520	35.30	3.51	97	16.1	4.0	3.1	3,146
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	2,388
All crop farms.....	51	34.8	5.0	4.7	4.7	436	22,590	12.76	2.93	26	8.6	4.4	3.4	1,563
All livestock farms.....	842	33.1	83.4	92.3	93.6	431	407,406	11.61	2.70	534	7.4	90.5	95.7	2,430
General crop and livestock farms.....	30	23.2	3.0	1.3	1.1	530	5,375	13.44	2.54	5	0.9	0.8	0.4	4,667
All other farms.....	87	13.3	8.6	1.7	0.6	1,336	8,985	42.58	3.19	25	3.1	4.2	0.6	2,200
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	1,783
All crop farms.....	1,009	65.8	49.9	79.0	48.9	2,165	2,409,696	77.25	3.57	392	14.0	40.0	26.7	1,168
All livestock farms.....	853	36.8	42.2	17.3	47.0	493	447,040	14.89	3.02	503	10.3	51.3	61.5	2,134
General crop and livestock farms.....	60	28.7	3.0	2.3	2.3	1,337	60,375	41.49	3.10	30	12.7	3.1	4.2	1,907
All other farms.....	101	62.2	5.0	1.4	1.8	1,024	45,105	38.22	3.73	56	33.7	5.7	7.6	3,453
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	2,563
All crop farms.....	153	62.9	10.1	30.2	16.2	1,194	245,960	35.48	2.97	68	11.3	8.1	8.8	1,111
All livestock farms.....	1,258	24.9	83.2	64.1	78.5	523	470,823	14.01	2.68	725	7.1	86.8	87.4	2,641
General crop and livestock farms.....	56	32.4	3.7	4.1	4.1	641	31,420	17.97	2.81	26	7.1	3.1	3.5	3,649
All other farms.....	45	43.4	3.0	1.7	1.3	844	14,430	26.24	3.11	16	6.2	1.9	0.3	1,231
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	1,605
All crop farms.....	1,311	66.6	32.3	47.1	37.9	596	1,795,151	15.59	2.61	440	10.5	32.7	39.5	1,644
All livestock farms.....	2,358	58.9	58.0	39.2	49.0	383	1,494,075	10.02	2.61	754	9.8	56.1	51.9	1,580
General crop and livestock farms.....	355	65.5	8.7	12.2	12.1	485	442,055	12.06	2.48	148	7.0	11.0	8.1	1,573
All other farms.....	39	38.4	1.0	1.5	1.1	655	57,125	17.30	2.64	3	2.5	0.2	0.5	1,667
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	1,598
All crop farms.....	20,574	61.3	72.4	81.7	60.8	1,260	41,141,102	31.51	2.50	4,312	12.7	70.7	67.4	1,710
All livestock farms.....	4,367	43.9	15.4	11.4	28.3	377	5,281,488	8.70	2.31	1,197	9.5	19.6	26.6	1,391
General crop and livestock farms.....	2,155	53.1	7.6	4.1	8.3	466	1,743,598	9.76	2.10	350	4.4	5.7	3.1	1,438
All other farms.....	1,333	42.0	4.7	2.8	2.6	1,010	1,383,347	24.99	2.47	236	10.1	3.9	3.0	1,546
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	1,686
All crop farms.....	938	83.3	41.9	42.1	40.9	484	678,017	9.82	2.03	113	3.7	28.1	25.5	1,531
All livestock farms.....	765	64.8	34.2	31.6	33.3	453	492,035	8.73	1.96	163	6.4	40.5	53.4	1,783
General crop and livestock farms.....	440	81.6	19.7	23.9	23.5	479	348,667	8.79	1.83	110	4.2	27.4	17.9	1,622
All other farms.....	95	59.8	4.2	2.3	2.3	467	36,291	9.20	1.97	16	4.6	4.0	3.1	1,901
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	1,754
All crop farms.....	651	55.6	48.5	65.9	40.3	1,546	1,442,382	37.05	2.40	101	7.6	32.0	19.6	1,531
All livestock farms.....	456	34.3	34.0	26.1	49.0	503	489,963	10.34	2.05	168	11.4	53.2	70.3	1,851
General crop and livestock farms.....	101	27.2	7.5	4.6	6.2	703	100,863	16.94	2.41	17	3.7	5.4	3.0	1,506
All other farms.....	134	28.4	10.0	3.4	4.6	706	66,254	14.94	2.12	30	11.2	9.5	7.1	1,676
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	1,341
All crop farms.....	5,875	41.2	68.8	59.9	55.7	489	3,658,184	12.63	2.58	320	1.7	46.5	38.7	1,332
All livestock farms.....	1,135	42.6	13.3	18.2	20.4	405	911,271	8.57	2.12	203	5.3	29.5	43.5	1,359
General crop and livestock farms.....	1,429	53.3	16.7	19.2	21.7	403	948,550	8.42	2.09	156	2.4	22.7	15.9	1,678
All other farms.....	95	32.2	1.1	2.7	2.2	553	137,989	11.79	2.13	9	1.2	1.3	1.9	1,857
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	1,415
All crop farms.....	1,504	69.2	80.3	83.1	59.5	1,375	3,408,659	33.78	2.46	351	18.6	72.7	59.5	1,277
All livestock farms.....	195	58.1	10.4	11.4	37.2	302	530,439	8.40	2.78	89	11.8	18.4	37.0	1,676
General crop and livestock farms.....	11	36.4	0.6	1.0	0.5	1,884	46,500	54.07	2.87	6	16.3	1.2	1.1	1,688
All other farms.....	163	45.3	8.7	4.5	2.8	1,569	174,944	36.49	2.33	37	7.2	7.7	2.3	1,773

2 Less than 0.05.

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 cent. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed	
Florida—Continued																		
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	
All crop farms.....	10,143	72.6	85.0	91.1	74.6	1,595	22,855,248	39.58	2.48	3,107	23.8	84.5	79.8	74.1	1,787	1,411,421	7.45	
All livestock farms.....	1,226	37.5	10.3	6.3	21.8	381	1,446,960	8.58	2.25	423	12.6	11.5	16.8	22.2	1,258	233,883	4.12	
General crop and livestock farms...	153	30.1	1.3	1.0	1.8	731	225,044	16.45	2.25	53	12.2	1.4	1.9	2.2	1,451	31,997	5.80	
All other farms.....	415	52.4	3.5	1.6	1.9	1,114	444,289	30.35	2.72	95	14.1	2.6	1.5	1.5	1,595	21,735	5.53	
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	
All crop farms.....	1,463	69.1	58.4	81.9	55.2	1,526	9,098,612	39.62	2.60	320	10.1	60.6	58.7	49.7	1,803	262,607	7.81	
All livestock farms.....	590	47.3	23.6	12.6	39.6	326	1,410,820	8.56	2.63	151	7.8	28.6	31.6	40.1	1,201	127,577	4.69	
General crop and livestock farms...	21	85.5	0.8	0.7	1.4	512	73,974	12.53	2.45	8	11.2	1.5	1.3	1.1	1,768	4,952	6.39	
All other farms.....	431	45.6	17.2	4.8	3.8	1,303	523,580	33.05	2.54	49	17.7	9.3	8.4	9.1	1,410	32,589	5.29	
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	
All crop farms.....	61,600	73.4	65.2	56.3	55.4	408	28,150,036	8.97	2.20	4,440	2.3	37.8	30.6	30.8	1,503	460,750	4.59	
All livestock farms.....	18,761	37.9	19.8	20.8	22.3	376	10,534,731	8.36	2.22	4,984	6.8	42.4	46.2	45.5	1,534	657,921	4.43	
General crop and livestock farms...	12,486	73.0	13.2	20.7	20.2	412	10,456,800	9.13	2.22	1,968	4.0	16.7	19.1	19.4	1,488	285,049	4.49	
All other farms.....	1,689	49.8	1.8	2.2	2.1	413	1,060,761	8.94	2.17	358	5.8	3.0	4.1	4.3	1,464	69,647	5.02	
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	
All crop farms.....	3,269	55.4	64.5	57.7	54.3	417	952,560	8.73	2.09	293	2.3	32.2	21.8	23.7	2,225	21,305	4.64	
All livestock farms.....	1,446	47.1	28.5	32.7	35.6	360	520,426	7.28	2.02	508	8.0	55.9	66.2	62.8	2,555	65,096	5.35	
General crop and livestock farms...	273	60.3	5.4	8.5	8.9	378	131,276	7.36	1.95	74	7.5	8.1	10.1	11.5	2,137	11,497	5.17	
All other farms.....	77	25.9	1.5	1.0	1.2	350	19,235	8.18	2.33	34	4.3	3.7	1.9	2.0	2,356	1,642	4.23	
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	
All crop farms.....	555	63.3	18.7	22.6	18.9	464	95,807	9.88	2.13	68	5.3	11.0	12.7	10.0	2,775	6,002	7.34	
All livestock farms.....	2,122	49.0	71.4	66.9	69.3	375	303,065	8.54	2.28	509	9.4	82.2	76.9	83.2	2,017	32,212	4.74	
General crop and livestock farms...	221	58.7	7.4	8.9	10.0	345	40,995	7.99	2.32	36	5.8	5.8	10.1	6.2	3,529	2,358	4.62	
All other farms.....	73	21.7	2.5	1.6	1.8	348	7,561	8.33	2.39	6	1.1	1.0	0.3	0.6	1,111	133	2.96	
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	
All crop farms.....	5,155	65.7	48.6	53.4	50.6	423	1,466,427	9.18	2.17	256	2.9	21.8	19.6	24.1	1,142	21,961	3.07	
All livestock farms.....	4,771	45.8	45.0	37.2	41.0	364	1,036,320	8.02	2.20	805	6.0	68.6	63.2	57.3	1,548	81,079	4.78	
General crop and livestock farms...	402	55.5	3.8	7.9	6.9	460	223,736	10.27	2.23	66	10.8	5.6	12.1	14.4	1,187	15,862	3.73	
All other farms.....	270	26.9	2.5	1.5	1.5	390	39,221	8.12	2.08	47	7.0	4.0	5.0	4.2	1,660	7,735	6.18	
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	
All crop farms.....	8,792	69.0	79.9	65.4	61.5	447	3,248,638	9.68	2.17	533	2.3	37.0	27.6	23.9	1,708	61,125	5.52	
All livestock farms.....	1,489	58.8	13.5	24.2	27.1	376	1,156,498	7.82	2.08	681	9.8	47.3	48.6	52.9	1,359	97,724	3.98	
General crop and livestock farms...	544	58.0	4.9	8.9	9.6	392	469,180	8.99	2.29	183	9.9	12.7	20.0	19.1	1,549	38,846	4.38	
All other farms.....	183	37.0	1.7	1.5	1.8	334	71,900	7.16	2.14	43	6.9	3.0	3.8	4.0	1,393	8,680	4.63	
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	
All crop farms.....	3,084	64.8	63.4	46.9	45.8	357	898,323	7.91	2.21	155	2.6	15.7	13.8	13.8	1,303	17,808	3.92	
All livestock farms.....	1,354	41.9	27.8	40.5	41.5	340	738,019	7.17	2.11	705	9.0	71.5	70.5	67.1	1,365	87,545	3.96	
General crop and livestock farms...	283	38.1	5.8	9.8	9.2	374	190,963	8.39	2.25	90	4.8	9.1	9.8	8.6	1,473	12,663	4.46	
All other farms.....	143	24.0	2.9	2.8	3.6	269	49,584	5.61	2.08	36	9.4	3.7	5.9	10.5	734	9,229	2.67	
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	
All crop farms.....	2,421	70.2	69.0	60.7	58.9	364	1,255,967	8.03	2.20	198	2.1	38.7	31.4	34.2	1,684	19,417	4.25	
All livestock farms.....	623	51.7	17.8	21.3	22.2	340	455,090	7.72	2.27	190	5.3	37.1	46.9	45.2	1,900	32,189	5.32	
General crop and livestock farms...	320	59.5	9.1	14.3	15.8	319	335,879	8.01	2.51	94	2.7	18.4	13.5	14.0	1,761	9,330	4.97	
All other farms.....	143	41.1	4.1	3.7	3.2	405	75,727	8.93	2.21	30	4.2	5.9	8.2	6.5	2,302	7,709	8.81	
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	
All crop farms.....	7,467	71.9	75.4	63.9	64.3	333	4,156,291	7.65	2.30	424	1.6	53.0	45.3	49.7	1,188	43,037	3.64	
All livestock farms.....	1,363	67.0	13.8	19.3	19.6	331	1,237,773	7.48	2.26	242	2.8	30.3	30.5	28.7	1,387	31,947	4.68	
General crop and livestock farms...	956	72.8	9.7	14.8	14.2	348	984,192	8.17	2.34	111	2.4	13.9	18.7	17.0	1,438	22,616	5.60	
All other farms.....	113	79.1	1.1	1.9	1.9	334	129,617	7.92	2.37	23	5.2	2.9	5.5	4.5	1,578	5,440	5.06	
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	
All crop farms.....	4,908	73.3	75.5	58.0	59.0	382	2,999,654	8.45	2.21	383	2.3	50.3	35.8	33.4	1,577	52,106	4.73	
All livestock farms.....	707	61.0	10.9	19.0	18.7	395	1,011,560	8.99	2.28	209	6.5	27.5	36.7	36.5	1,480	58,909	4.89	
General crop and livestock farms...	825	69.6	12.7	22.0	21.2	404	1,244,223	9.77	2.42	148	5.1	19.4	25.5	28.5	1,318	38,396	4.08	
All other farms.....	64	60.1	1.0	1.1	1.1	397	52,974	8.25	2.08	21	4.7	2.8	2.0	1.5	1,948	3,099	6.17	
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	
All crop farms.....	9,763	78.1	61.6	50.2	50.2	409	5,593,783	8.60	2.10	1,063	3.5	47.9	40.3	39.6	1,453	136,757	4.71	
All livestock farms.....	1,808	64.4	11.4	14.6	15.6	384	1,608,196	7.94	2.07	461	7.3	20.8	29.9	31.1	1,369	90,806	3.98	
General crop and livestock farms...	4,118	79.3	26.0	32.7	32.4	414	3,639,359	8.67	2.09	667	3.8	30.1	27.7	27.4	1,441	88,136	3.99	
All other farms.....	153	65.5	1.0	2.5	1.9	537	263,466	10.79	2.01	26	3.6	1.2	2.1	1.8	1,645	6,825	5.13	
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	
All crop farms.....	13,669	83.1	66.4	55.8	54.6	466	6,484,175	10.49	2.25	831	1.7	45.4	35.7	34.8	1,436	58,245	4.72	
All livestock farms.....	2,422	78.5	11.8	16.5	17.4	431	2,113,700	10.71	2.48	513	5.4	28.0	34.3	38.2	1,259	56,007	4.14	
General crop and livestock farms...	4,183	81.1	20.3	25.6	25.6	455	2,947,225	10.15	2.23	438	2.1	23.9	24.2	21.6	1,567	37,031	4.83	
All other farms.....	298	69.7	1.4	2.2	2.4	420	251,227	9.33	2.22	48	4.9	2.6	5.8	5.4	1,511	10,553	5.53	
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	
All crop farms.....	2,517	72.0	67.9	58.5	55.0	505	998,411	11.58	2.29	236	3.0	47.0						

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Fertilizer					Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Lime			Quantity used per acre limed (lb.)	Expenditures (dollars)				
			Percent distribution of—			Quantity used per acre fertilized (lb.)		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Percent distribution of—				For lime	Per acre limed			
			Farms reporting use of fertilizer	Fertilizer used	Acres fertilized								Farms reporting use of lime	Lime used	Acres limed						
Idaho, total.....	16,361	16.9	100.0	100.0	100.0	234	8,315,520	8.86	3.79	...	...	...	...	...	...	...	...	...			
All crop farms.....	7,891	17.8	48.2	61.1	61.6	232	5,194,068	8.99	3.87	...	...	...	...	...	...	...	...	...			
All livestock farms.....	4,104	11.0	25.1	16.0	16.8	223	1,225,131	7.77	3.49	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	4,287	23.6	26.2	22.6	21.4	247	1,878,572	9.35	3.78	...	...	...	...	...	...	...	...	...			
All other farms.....	79	10.4	0.5	0.2	0.2	236	17,749	8.69	3.68	...	...	...	...	...	...	...	...	...			
Area 1.....	1,322	10.4	100.0	100.0	100.0	145	479,180	5.07	3.50	...	...	...	...	...	...	...	...	...			
All crop farms.....	558	15.3	42.2	55.9	65.1	125	284,958	4.64	3.72	...	...	...	...	...	...	...	...	...			
All livestock farms.....	505	5.1	38.2	28.3	21.1	195	121,696	6.11	3.13	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	237	11.1	17.9	15.2	13.1	168	70,192	5.66	3.36	...	...	...	...	...	...	...	...	...			
All other farms.....	22	7.1	1.7	0.6	0.7	118	2,334	3.64	3.07	...	...	...	...	...	...	...	...	...			
Area 2.....	1,567	25.2	100.0	100.0	100.0	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...	...			
All crop farms.....	1,187	25.7	75.7	88.9	89.1	116	859,137	5.18	4.47	...	...	...	...	...	...	...	...	...			
All livestock farms.....	257	20.2	16.4	6.9	6.9	117	64,391	5.04	4.32	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	96	30.2	6.1	3.7	3.5	124	31,696	4.86	3.91	...	...	...	...	...	...	...	...	...			
All other farms.....	27	11.5	1.7	0.5	0.5	109	3,290	3.46	3.16	...	...	...	...	...	...	...	...	...			
Area 3a.....	3,962	21.5	100.0	100.0	100.0	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...	...			
All crop farms.....	1,229	35.0	31.0	53.2	40.0	580	1,168,808	20.84	3.59	...	...	...	...	...	...	...	...	...			
All livestock farms.....	1,646	13.0	41.5	23.3	31.2	325	430,254	9.84	3.03	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	1,067	26.0	26.9	23.0	28.4	352	502,482	12.61	3.58	...	...	...	...	...	...	...	...	...			
All other farms.....	20	23.1	0.5	0.5	0.3	665	11,825	26.57	3.99	...	...	...	...	...	...	...	...	...			
Area 3b.....	4,685	28.6	100.0	100.0	100.0	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...	...			
All crop farms.....	2,183	31.3	46.6	55.5	51.7	274	1,280,705	9.72	3.55	...	...	...	...	...	...	...	...	...			
All livestock farms.....	894	18.2	19.1	14.8	17.4	217	367,066	8.29	3.82	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	1,598	34.8	34.1	29.7	30.9	245	722,831	9.17	3.74	...	...	...	...	...	...	...	...	...			
All other farms.....	10	11.1	0.2	(2)	(2)	1,200	300	60.00	5.00	...	...	...	...	...	...	...	...	...			
Area 4.....	4,825	11.1	100.0	100.0	100.0	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...	...			
All crop farms.....	2,734	10.0	56.7	66.6	61.8	238	1,600,460	9.86	4.15	...	...	...	...	...	...	...	...	...			
All livestock farms.....	802	9.2	16.6	10.3	14.1	161	241,724	6.54	4.07	...	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	1,289	18.8	26.7	23.1	24.1	211	551,371	8.70	4.12	...	...	...	...	...	...	...	...	...			
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
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	4,469	8,447,557	7.70				
All crop farms.....	52,225	33.6	50.1	56.5	56.6	265	32,567,001	7.39	2.79	19,616	4.4	48.3	52.0	52.1	4,456	4,492,108	7.85				
All livestock farms.....	39,677	32.2	38.1	34.4	33.9	269	19,438,721	7.36	2.74	16,244	5.2	40.0	38.7	38.9	4,442	3,198,775	7.50				
General crop and livestock farms.....	11,635	33.6	11.2	8.8	9.4	248	4,863,384	6.67	2.69	4,657	4.5	11.5	9.2	8.9	4,596	746,409	7.61				
All other farms.....	605	41.2	0.6	0.3	0.1	719	223,885	24.96	3.47	97	5.3	0.2	0.1	0.1	4,941	10,265	8.88				
Areas 1, A, and B.....	12,433	37.4	100.0	100.0	100.0	238	6,240,141	6.70	2.82	3,787	4.3	100.0	100.0	100.0	5,131	740,614	6.99				
All crop farms.....	2,950	43.5	23.7	30.4	31.1	232	2,021,788	6.96	3.00	747	3.8	19.7	23.5	23.8	5,067	178,143	7.06				
All livestock farms.....	7,956	35.6	64.0	60.2	58.7	244	3,643,138	6.66	2.73	2,525	4.3	66.7	62.3	62.3	5,137	462,781	7.01				
General crop and livestock farms.....	1,502	32.8	12.1	9.3	10.1	219	568,660	6.06	2.77	515	5.2	13.6	14.2	13.9	5,212	99,690	6.74				
All other farms.....	25	56.6	0.2	0.1	0.1	235	6,555	7.13	3.03	...	...	...	...	...	...	...	...				
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				
All crop farms.....	2,826	46.4	33.6	40.2	36.9	288	1,822,381	8.18	2.84	671	3.5	28.0	35.2	28.9	4,357	103,231	6.19				
All livestock farms.....	4,564	43.7	54.3	50.2	54.5	243	2,248,435	6.83	2.81	1,505	4.9	62.9	54.9	63.3	3,101	176,167	4.82				
General crop and livestock farms.....	608	41.2	7.2	7.2	8.0	238	351,451	7.31	3.08	166	3.7	6.9	9.7	7.6	4,602	27,615	6.32				
All other farms.....	403	36.5	4.8	2.4	0.6	1,130	137,585	39.79	3.52	51	1.8	2.1	0.3	0.3	3,228	1,355	7.92				
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				
All crop farms.....	3,122	19.2	31.9	32.8	34.4	295	1,677,336	8.14	2.76	1,413	3.9	27.5	27.7	28.2	4,458	312,315	7.44				
All livestock farms.....	5,966	20.3	60.9	61.3	60.0	317	3,022,661	8.42	2.66	3,346	5.6	65.2	67.5	66.9	4,581	819,931	8.23				
General crop and livestock farms.....	695	17.6	7.1	5.8	5.5	326	284,195	8.36	2.62	365	3.9	7.1	4.8	4.9	4,437	60,260	8.25				
All other farms.....	15	16.9	0.2	(2)	(2)	486	2,355	33.64	6.93	5	2.4	0.1	(2)	(2)	1,000	65	6.50				
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				
All crop farms.....	4,034	31.6	37.0	39.8	40.3	253	2,325,010	7.66	3.02	1,528	4.4	33.2	38.9	38.5	4,561	375,261	8.88				
All livestock farms.....	5,604	33.4	51.5	50.5	49.4	262	2,995,806	8.04	3.07	2,547	5.2	55.3	52.7	52.8	4,507	454,332	7.83				
General crop and livestock farms.....	1,238	38.3	11.4	9.7	10.2	243	546,493	7.09	2.91	522	4.7	11.3	8.4	8.7	4,360	73,605	7.70				
All other farms.....	15	14.9	0.1	(2)	(2)	265	3,345	10.79	4.08	5	0.7	0.1	(2)	(2)	2,667	70	4.67				
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				
All crop farms.....	3,581	33.3	69.7	69.4	72.0	316	2,738,390	8.81	2.79	1,243	4.4	68.1	63.5	65.7	3,999	250,125	6.07				
All livestock farms.....	1,168	32.0	22.7	23.2	21.3	359	910,675	9.93	2.77	442	6.0	24.2	29.5	27.6	4,423	113,532	6.56				
General crop and livestock farms.....	345	35.6	6.7	6.7	6.3	348	276,100	10.14	2.91	130	5.1	7.1	6.3	6.2	4,182	22,840	5.84				
All other farms.....	45	89.9	0.9	0.7	0.4	545	24,650	13.47	2.47	10	16.0	0.5	0.6	0.5	5,077	2,165	6.66				
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				
All crop farms.....	7,226	28.5	67.9	71.3	71.1	293	4,752,604	8.13	2.77	3,300	4.9	68.0	70.9	70.0	4,353	835,741	8.29				
All livestock farms.....	2,590	31.1	24.3	21.8	22.2	287	1,514,389	8.29	2.89	1,215	5.6	25.0	23.5	23.0	4,381	279,584	8.44				
General crop and livestock farms.....	816	34.1	7.7	6.6	6.7	292	440,160	8.04	2.76	335	6.2	6.9	5.5	6.9	3,446	58,180	5.88				
All other farms.....	16	53.4	0.2	0.2	0.1	853	20,875	32.02	3.75	5	20.5	0.1	0.2	0.2	4,000	2,000	8.00				
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				
All crop farms.....	13,365	31.8	79.4	80.6	83.1	307	10,359,145	8.39	2.74	5,476	4.8	78.3	79.0	79.2	4,066	1,330,497	7.11				
All livestock farms.....	2,508	31.4	14.9	14.9	13.0	362	1,743,652	9.03	2.50	1,115	6.3	15.9	16.6	16.4	4,131	272,635	7.05				
General crop and livestock farms.....	936	26.4	5.6	4.5	3.8	370	513,995	9.01	2.44	395	4.8	5.7	4.4	4.4	4,067	69,585	6.72				
All other farms.....	20	39.8	0.1	0.1	(2)	1,353	13,650	40.15	2.97	5	0.6	0.1	(2)	(2)	4,000	40	8.00				

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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	
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	
All crop farms.....	4,503	38.3	43.3	48.0	50.4	197	2,026,542	5.61	2.84	1,824	3.9	42.7	48.5	47.8	5,143	335,159	9.09	
All livestock farms.....	3,513	36.6	33.8	30.7	29.1	218	1,220,780	5.84	2.68	1,425	4.3	33.4	31.4	31.6	5,036	213,978	8.79	
General crop and livestock farms.....	2,371	36.2	22.8	21.2	20.5	215	836,560	5.70	2.65	1,021	3.9	23.9	20.1	20.6	4,932	135,940	8.55	
All other farms.....	15	62.5	0.1	(2)	(2)	960	980	39.20	4.08	...	...	...	...	...	...	...	...	
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	
All crop farms.....	4,159	44.8	55.1	59.4	61.4	191	1,752,296	5.12	2.68	1,355	4.0	50.6	55.2	52.9	5,466	324,728	10.72	
All livestock farms.....	1,860	42.2	24.7	21.5	21.1	202	613,072	5.22	2.59	689	5.3	25.7	24.7	25.6	5,067	144,375	9.86	
General crop and livestock farms.....	1,505	39.8	19.9	19.0	17.5	215	501,125	5.15	2.39	625	5.0	23.3	20.0	21.4	4,890	118,660	9.67	
All other farms.....	20	45.6	0.3	0.1	0.1	247	2,785	8.19	3.32	10	7.4	0.4	0.1	0.1	8,000	835	15.18	
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	4,974	345,588	8.77	
All crop farms.....	3,065	46.2	58.5	62.5	66.1	197	1,782,345	5.58	2.83	892	3.3	54.4	64.0	58.6	5,003	225,348	9.76	
All livestock farms.....	1,556	45.5	29.7	27.9	24.8	234	767,374	6.39	2.73	572	5.2	34.9	29.0	34.7	3,819	98,730	7.21	
General crop and livestock farms.....	620	44.7	11.8	9.6	9.1	220	270,880	6.16	2.80	175	2.7	10.7	7.0	6.7	4,741	21,510	8.13	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	2,245	41.1	55.3	59.2	62.9	199	857,220	5.34	2.69	779	4.3	55.1	56.3	58.0	5,071	155,370	9.29	
All livestock farms.....	1,220	36.5	30.0	29.8	24.2	260	404,294	6.55	2.51	427	4.9	30.2	29.3	28.5	5,363	83,060	10.09	
General crop and livestock farms.....	581	35.8	14.3	10.7	12.7	178	147,970	4.58	2.57	206	4.0	14.6	13.2	12.5	5,541	33,630	9.35	
All other farms.....	16	19.9	0.4	0.3	0.2	292	4,185	9.00	3.08	1	13.9	0.1	1.2	1.0	6,000	3,510	11.70	
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	
All crop farms.....	1,149	23.9	41.7	45.5	47.0	255	451,944	6.73	2.64	388	3.4	37.6	42.2	32.6	5,029	66,190	6.92	
All livestock farms.....	1,172	22.0	42.6	41.2	40.1	271	354,445	6.19	2.49	436	6.3	42.3	43.5	55.5	5,047	79,670	4.89	
General crop and livestock farms.....	418	20.4	15.2	12.9	12.6	270	125,795	7.00	2.60	202	4.0	19.6	14.1	11.9	4,614	24,894	7.14	
All other farms.....	15	60.5	0.5	0.4	0.4	275	6,920	12.36	4.49	5	2.7	0.5	0.2	0.1	8,000	225	9.00	
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	
All crop farms.....	38,749	59.1	38.2	41.8	42.8	252	24,796,058	7.43	2.94	12,275	5.3	32.5	34.8	35.5	3,890	1,760,533	5.88	
All livestock farms.....	45,020	58.0	44.4	43.5	42.1	267	25,177,222	7.66	2.87	18,667	7.4	49.5	49.8	49.8	3,972	2,481,998	5.91	
General crop and livestock farms.....	17,214	57.4	17.0	14.5	15.1	248	8,196,521	6.97	2.81	6,741	6.0	17.9	15.4	14.6	4,203	744,485	6.06	
All other farms.....	340	58.5	0.3	0.2	0.1	535	93,830	16.11	3.01	35	5.6	0.1	(2)	0.1	2,893	2,805	5.01	
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	
All crop farms.....	3,114	67.4	48.5	58.9	57.3	285	2,934,673	8.86	3.10	911	5.1	41.3	46.0	46.6	4,347	187,945	7.50	
All livestock farms.....	2,406	58.1	37.5	29.3	30.0	271	1,401,097	8.08	2.98	930	6.6	42.1	37.0	36.9	4,418	155,257	7.83	
General crop and livestock farms.....	851	60.9	13.3	11.6	12.7	253	571,868	7.80	3.08	366	7.4	16.6	16.9	16.5	4,530	75,826	8.57	
All other farms.....	50	39.8	0.8	0.2	0.1	810	12,075	30.96	3.82	...	...	...	...	...	...	...	...	
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	
All crop farms.....	4,481	72.9	49.0	59.6	58.0	285	4,711,146	8.74	3.07	1,439	5.4	48.5	54.3	53.4	4,465	230,659	5.78	
All livestock farms.....	3,147	63.2	34.4	26.2	27.5	264	2,165,676	8.48	3.21	1,032	5.8	34.8	31.2	31.3	4,373	153,813	6.58	
General crop and livestock farms.....	1,511	65.7	16.5	14.1	14.4	270	1,114,895	8.31	3.08	491	5.5	16.5	14.4	15.1	4,188	71,430	6.32	
All other farms.....	10	101.1	0.1	0.1	(2)	593	6,950	15.27	2.57	5	22.2	0.2	0.1	0.1	4,000	525	5.25	
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	
All crop farms.....	6,790	59.7	44.6	46.7	48.2	237	5,115,991	7.05	2.97	2,371	5.9	42.2	44.9	44.4	3,686	417,528	5.83	
All livestock farms.....	6,510	62.7	42.8	43.8	42.0	256	4,820,273	7.64	2.99	2,586	7.5	46.0	46.5	46.7	3,628	449,800	5.97	
General crop and livestock farms.....	1,862	61.1	12.2	9.4	9.8	235	976,780	6.65	2.83	657	6.0	11.7	8.5	8.9	3,476	76,325	5.31	
All other farms.....	50	82.7	0.3	0.1	(2)	573	11,645	16.76	2.93	5	4.8	0.1	(2)	(2)	2,000	150	3.75	
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	
All crop farms.....	6,130	55.3	40.4	41.9	41.8	240	2,843,055	6.83	2.85	1,475	4.3	35.4	38.0	37.3	3,256	158,745	4.96	
All livestock farms.....	5,306	55.0	34.9	34.3	33.0	249	2,386,625	7.28	2.92	1,695	6.3	40.6	42.5	43.5	3,114	187,335	5.01	
General crop and livestock farms.....	3,716	56.8	24.5	23.7	25.2	226	1,603,785	6.40	2.83	1,001	3.7	24.0	19.5	19.2	3,234	88,105	5.34	
All other farms.....	30	64.1	0.2	0.1	(2)	555	6,105	16.28	2.94	...	...	...	...	...	...	...	...	
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	
All crop farms.....	3,750	61.8	34.2	29.0	32.1	221	1,718,080	6.09	2.76	580	2.9	24.4	23.3	22.6	3,975	72,590	5.52	
All livestock farms.....	5,684	62.4	51.9	57.5	53.6	262	3,487,118	7.41	2.83	1,452	4.9	61.2	64.1	63.8	3,867	211,522	5.69	
General crop and livestock farms.....	1,491	63.6	13.6	13.3	14.1	231	801,080	6.46	2.80	341	4.1	14.4	12.6	13.6	3,564	36,234	4.57	
All other farms.....	25	78.1	0.2	0.2	0.2	307	14,700	9.80	3.20	...	...	...	...	...	...	...	...	
Areas 5 and D.....	14,260	60.9	100.0	100.0	100.0	248	8,092,565	6.84	2.75	5,314	6.8	100.0	100.0	100.0	3,663	689,357	5.20	
All crop farms.....	4,432	61.1	31.1	29.9	31.3	237	2,458,032	6.64	2.80	1,281	5.1	24.1	23.8	23.4	3,727	164,655	5.30	
All livestock farms.....	7,842	61.1	55.0	57.6	55.9	256	4,663,305	7.05	2.75	3,357	8.2	63.2	65.9	66.6	3,626	450,552	5.10	
General crop and livestock farms.....	1,891	60.0	13.3	12.2	12.8	236	947,578	6.25	2.65	671	5.3	12.6	10.3	10.0	3,761	74,130	5.18	
All other farms.....	95	44.0	0.7	0.3	0.1	1,137	23,650	33.79	2.97	5	0.3	0.1	(2)	(2)	2,000	20	4.00	
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	
All crop farms.....	6,269	49.2	47.5	51.9	54.8	246	3,939,281	7.42	3.01	2,899	5.9	42.4	43.0	46.1	3,828	393,381	6.14	
All livestock farms.....	5,227	51.7	39.6	37.8	34.3	287	2,783,570	8.38	2.92	2,998	9.2	43.9	44.4	42.8	4,252	430,559	7.24	
General crop and livestock farms.....	1,675	52.1	12.7	10.3	10.9	246	735,705	6.99	2.84	925	7.6	13.5	12.5	11.0	4,665	120,215	7.85	
All other farms.....	40	79.5	0.3	0.1	0.1	488	9,815	14.43	2.96	10	19.3	0.1	0.1	0.1	2,182	800	4.85	
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	
All crop farms.....	1,271	46.0	17.2	13.3	15.0	263	368,985	6.74	2.56	474	8.0	12.7						

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 cent. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed	
Indiana—Continued																		
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	
All crop farms.....	2,512	45.9	26.3	22.6	22.0	310	706,815	7.96	2.56	845	6.7	18.8	17.2	17.7	4,643	87,250	6.73	
All livestock farms.....	4,296	48.7	45.0	48.4	48.4	302	1,548,798	7.92	2.62	2,169	9.1	48.3	48.9	49.7	4,690	211,591	5.80	
General crop and livestock farms.....	2,737	48.1	28.6	29.0	29.5	297	915,540	7.70	2.59	1,472	9.6	32.8	33.8	32.4	4,978	132,207	5.56	
All other farms.....	10	27.6	0.1	(2)	0.1	145	1,290	4.69	3.22	5	17.6	0.1	0.1	0.2	2,400	800	4.57	
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	
All crop farms.....	24,433	26.6	22.0	25.3	25.5	173	11,990,011	6.71	3.87	4,350	1.7	14.3	15.2	15.6	4,135	707,025	6.30	
All livestock farms.....	73,120	26.8	65.9	64.2	63.4	177	30,075,336	6.76	3.83	22,999	3.3	75.6	75.4	75.2	4,237	3,373,319	6.22	
General crop and livestock farms.....	13,342	26.4	12.0	10.4	11.1	164	4,674,912	6.01	3.67	3,046	2.2	10.0	9.4	9.1	4,333	450,960	6.84	
All other farms.....	109	16.7	0.1	0.1	(2)	703	30,909	26.76	3.81	27	5.6	0.1	0.1	0.1	4,639	3,742	9.72	
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	
All crop farms.....	2,183	22.7	18.9	18.5	19.2	175	1,031,020	6.97	3.99	131	0.7	11.7	14.1	14.4	3,011	35,395	7.94	
All livestock farms.....	8,103	28.8	70.1	73.5	71.7	186	4,201,481	7.60	4.09	897	1.3	80.2	79.2	79.6	3,050	158,568	6.41	
General crop and livestock farms.....	1,270	21.4	11.0	7.9	9.2	157	459,285	6.50	4.14	90	0.6	8.1	6.7	6.0	3,435	13,370	7.19	
All other farms.....	5	25.6	(2)	0.1	(2)	2,000	3,000	60.00	3.00	...	...	...	...	...	...	...	...	
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	
All crop farms.....	3,151	30.6	21.4	27.5	28.1	155	2,076,998	7.47	4.81	130	0.4	8.2	8.1	8.7	3,233	21,135	6.05	
All livestock farms.....	10,274	25.8	69.9	65.7	64.9	161	4,930,879	7.70	4.79	1,365	1.4	86.3	86.6	84.9	3,533	228,250	6.72	
General crop and livestock farms.....	1,243	24.0	8.5	6.6	7.0	151	477,865	6.96	4.61	85	0.9	5.4	5.2	6.3	2,815	13,300	5.24	
All other farms.....	28	10.5	0.2	0.2	(2)	544	13,529	30.40	5.59	1	0.7	0.1	0.1	0.1	4,200	242	8.07	
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	
All crop farms.....	3,319	32.9	38.6	38.8	40.1	170	1,684,790	5.76	3.38	101	0.3	32.4	26.6	25.6	2,593	14,750	5.72	
All livestock farms.....	3,834	36.3	44.6	46.3	44.0	185	1,983,180	6.17	3.34	136	0.5	43.6	42.5	46.9	2,263	26,267	5.57	
General crop and livestock farms.....	1,451	34.7	16.9	14.9	15.9	165	600,210	5.17	3.14	75	0.8	24.0	30.9	27.5	2,803	15,425	5.58	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	6,301	26.8	40.3	39.9	40.9	171	3,120,585	6.57	3.85	415	0.6	30.2	29.3	30.6	3,177	54,310	5.33	
All livestock farms.....	7,385	33.3	47.2	50.0	48.6	180	3,834,961	6.79	3.78	777	1.1	56.6	56.5	57.6	3,252	115,830	6.05	
General crop and livestock farms.....	1,937	28.1	12.4	10.1	10.5	168	766,361	6.27	3.74	175	0.9	12.8	14.0	11.7	3,982	25,715	6.63	
All other farms.....	15	13.0	0.1	(2)	(2)	733	1,045	34.83	4.75	5	13.0	0.4	0.2	0.1	7,333	300	10.00	
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	
All crop farms.....	717	11.8	12.8	14.8	14.9	183	273,270	7.89	4.30	351	3.0	11.6	12.2	12.9	3,348	48,180	5.50	
All livestock farms.....	4,378	15.2	78.0	77.8	77.8	184	1,397,079	7.71	4.19	2,356	4.4	77.7	78.4	77.9	3,563	301,134	5.67	
General crop and livestock farms.....	515	10.2	9.2	7.4	7.3	184	125,380	7.33	3.98	325	3.7	10.7	9.4	9.2	3,617	40,800	6.49	
All other farms.....	5	6.2	0.1	(2)	(2)	400	55	11.00	2.75	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,011	14.4	14.7	16.2	16.6	196	355,813	7.07	3.61	639	4.1	15.0	14.5	13.9	4,084	85,185	5.91	
All livestock farms.....	5,071	17.8	73.5	72.6	72.5	200	1,579,241	7.18	3.58	3,163	6.5	74.4	75.4	77.0	3,839	443,559	5.55	
General crop and livestock farms.....	813	14.4	11.8	11.2	10.9	206	248,865	7.53	3.65	451	4.1	10.6	10.1	9.1	4,355	88,755	9.42	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 4.....	24,468	36.2	100.0	100.0	100.0	158	8,294,771	5.60	3.53	5,878	3.0	100.0	100.0	100.0	4,986	794,671	6.37	
All crop farms.....	4,143	37.7	16.9	19.8	18.8	166	1,697,100	6.08	3.65	731	2.5	12.4	13.8	14.9	4,631	112,353	6.06	
All livestock farms.....	15,962	35.4	65.2	62.9	63.3	157	5,159,716	5.50	3.49	4,226	3.3	71.9	70.5	69.3	5,069	555,348	6.42	
General crop and livestock farms.....	4,357	37.7	17.8	17.3	17.9	153	1,434,145	5.41	3.53	915	2.8	15.6	15.6	15.7	4,950	126,175	6.42	
All other farms.....	6	46.9	(2)	(2)	(2)	282	3,750	12.30	4.36	6	17.7	0.1	0.1	0.1	5,565	795	6.91	
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	
All crop farms.....	1,683	16.7	16.5	18.6	18.7	190	796,910	7.54	3.97	998	4.4	15.5	18.4	17.6	4,456	189,250	6.82	
All livestock farms.....	7,660	18.6	75.3	74.9	74.5	192	3,143,819	7.47	3.90	4,850	5.2	75.5	73.9	74.6	4,234	752,537	6.40	
General crop and livestock farms.....	825	14.6	8.1	6.4	6.7	183	252,310	6.64	3.63	575	4.7	9.0	7.7	7.8	4,249	80,265	6.54	
All other farms.....	10	20.0	0.1	(2)	(2)	1,333	625	41.67	3.13	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,925	26.0	14.4	18.1	15.8	220	953,525	7.77	3.54	854	4.7	13.2	13.9	14.5	4,656	146,467	6.67	
All livestock farms.....	10,453	26.7	78.3	75.8	78.2	186	3,844,980	6.34	3.40	5,229	5.4	81.0	81.1	80.6	4,872	791,826	6.47	
General crop and livestock farms.....	931	23.9	7.0	5.9	6.0	188	310,491	6.66	3.54	355	3.7	5.5	4.9	4.8	4,928	47,155	6.50	
All other farms.....	40	21.0	0.3	0.2	(2)	1,115	8,905	29.20	2.62	15	14.5	0.2	0.1	0.1	3,810	2,405	11.45	
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	
All crop farms.....	21,803	10.7	47.5	51.3	56.0	107	9,540,225	4.48	4.20	2,681	0.4	37.6	41.3	40.5	4,061	439,030	6.06	
All livestock farms.....	16,847	16.4	36.7	35.4	31.3	132	6,339,028	5.33	4.05	3,207	1.1	45.0	44.3	44.9	3,923	454,329	5.64	
General crop and livestock farms.....	7,132	19.0	15.5	13.1	12.6	121	2,369,180	4.95	4.08	1,223	1.3	17.2	14.3	14.6	3,898	161,651	6.19	
All other farms.....	101	43.4	0.2	0.2	(2)	601	32,135	18.21	3.03	16	2.2	0.2	(2)	(2)	3,933	550	6.18	
Area 1.....	594	1.0	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(2)	100.0	100.0	100.0	5,333	2,600	8.67	
All crop farms.....	335	0.8	56.4	53.3	58.4	73	146,843	4.25	5.86	...	...	...	...	...	...	...	...	
All livestock farms.....	199	1.5	33.5	40.1	36.9	86	88,126	4.04	4.67	10	(2)	100.0	100.0	100.0	5,333	2,600	8.67	
General crop and livestock farms.....	50	1.3	8.4	6.5	4.8	108	15,985	5.68	5.26	...	...	...	...	...	...	...	...	
All other farms.....	10	33.3	1.7	0.1	(2)	400	170	17.00	4.25	...	...	...	...	...	...	...	...	
Area 2a.....	1,607	2.4	100.0	100.0	100.0	84	642,509	3.67	4.38	33	(2)	100.0	100.0	100.0	3,720	10,079	8.44	
All crop farms.....	1,287	2.5	80.1	79.1	82.9	80	498,945	3.44	4.31	29	(2)	87.9	71.8	71.8	3,720	6,697	7.81	
All livestock farms.....	128	1.2	8.0	8.5	7.8	91	56,740	4.13	4.55	4	(2)	12.1	28.2	28.2	3,721	3,382	10.04	
General crop and livestock farms.....	182	4.3	11.3	12.2	9.3	110	85,394	5.26										

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Fertilizer				Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Lime			Expenditures (dollars)			
			Percent distribution of—			Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Percent distribution of—		Quantity used per acre limed (lb.)	For lime	Per acre limed		
			Farms reporting use of fertilizer	Fertilizer used	Acres fertilized							Farms reporting use of lime	Lime used	Acres limed				
Kansas—Continued																		
Area 2b.....	798	3.4	100.0	100.0	100.0	99	303,734	4.25	4.30	12	(2)	100.0	100.0	100.0	2,852	1,267		
All crop farms.....	567	3.4	71.0	74.3	78.9	93	237,195	4.21	4.52	12	(2)	100.0	100.0	100.0	2,852	1,267		
All livestock farms.....	183	3.8	22.9	22.4	17.0	130	56,796	4.67	3.58	...	...	...	...	...	...	...		
General crop and livestock farms...	48	2.5	6.0	3.3	4.1	79	9,743	3.30	4.20	...	...	...	...	...	...	...		
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
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		
All crop farms.....	3,987	18.0	69.8	71.0	72.7	84	1,651,749	3.54	4.20	540	0.6	71.7	73.7	75.8	3,409	87,629		
All livestock farms.....	1,114	24.4	19.5	19.4	17.7	94	450,565	3.96	4.20	132	0.6	17.5	14.8	13.7	3,793	21,488		
General crop and livestock farms...	591	24.1	10.3	9.6	9.6	86	217,378	3.54	4.10	81	0.8	10.8	11.5	10.5	3,819	16,090		
All other farms.....	20	11.7	0.4	(2)	(2)	571	975	27.86	4.88	...	...	...	...	...	...	...		
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		
All crop farms.....	2,706	23.1	60.7	59.8	64.1	89	1,037,127	3.89	4.36	169	0.4	48.3	50.1	47.2	3,732	29,350		
All livestock farms.....	1,050	26.4	23.5	26.1	23.8	105	441,864	4.47	4.26	118	0.9	33.7	32.9	36.0	3,216	16,871		
General crop and livestock farms...	700	22.6	15.7	12.6	12.1	99	220,881	4.40	4.43	63	0.7	18.0	17.0	16.8	3,565	10,645		
All other farms.....	5	79.4	0.1	1.5	0.1	1,481	15,000	37.04	2.50	...	...	...	...	...	...	...		
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		
All crop farms.....	1,939	10.5	56.2	60.4	62.9	114	793,906	5.12	4.50	156	0.3	41.4	46.8	52.2	3,370	30,345		
All livestock farms.....	771	10.9	22.3	22.4	20.9	127	292,778	5.68	4.47	100	0.4	26.5	26.7	22.6	4,447	15,932		
General crop and livestock farms...	741	11.9	21.5	17.2	16.2	126	224,896	5.63	4.48	121	0.6	32.1	26.5	25.2	3,957	18,890		
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
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		
All crop farms.....	3,267	32.2	32.2	36.1	39.4	111	939,882	4.42	3.98	248	1.0	23.2	27.6	24.7	4,166	44,196		
All livestock farms.....	3,927	24.0	53.4	52.5	49.1	130	1,426,071	5.38	4.15	661	1.6	61.7	61.0	64.8	3,514	95,899		
General crop and livestock farms...	1,049	23.9	14.3	11.2	11.5	118	304,660	4.91	4.15	162	1.1	15.1	11.4	10.5	4,057	18,585		
All other farms.....	15	1.6	0.2	0.1	(2)	5,067	2,350	156.67	3.09	...	...	...	...	...	...	...		
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		
All crop farms.....	3,144	31.8	38.2	42.2	43.7	139	1,498,398	6.02	4.34	479	1.5	30.5	33.0	31.1	4,270	66,840		
All livestock farms.....	3,783	28.9	45.9	45.1	43.4	150	1,526,288	6.19	4.13	850	2.5	54.1	53.2	55.0	3,896	124,690		
General crop and livestock farms...	1,289	26.9	15.6	12.4	12.7	140	437,295	6.04	4.30	235	2.0	15.0	13.7	13.8	4,004	38,135		
All other farms.....	21	66.6	0.3	0.3	0.2	169	9,590	7.70	4.57	6	2.9	0.4	0.1	0.1	3,519	205		
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		
All crop farms.....	2,383	35.9	30.5	35.0	36.2	134	1,099,700	5.70	4.26	491	2.4	27.8	31.8	29.9	4,336	79,938		
All livestock farms.....	3,818	30.9	48.8	46.1	44.5	144	1,333,878	5.63	3.92	892	3.0	50.5	50.6	51.5	4,010	114,502		
General crop and livestock farms...	1,607	32.9	20.6	18.9	19.3	136	538,448	5.25	3.86	382	2.6	21.6	17.6	18.6	3,859	37,791		
All other farms.....	10	20.0	0.1	(2)	(2)	4,800	870	174.00	3.63	...	...	...	...	...	...	...		
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		
All crop farms.....	3,088	50.5	52.8	60.7	63.9	124	1,636,480	4.69	3.79	557	2.2	47.0	52.9	51.9	4,592	92,768		
All livestock farms.....	1,874	40.3	32.1	26.6	23.7	146	665,922	5.15	3.52	440	3.2	37.1	35.6	34.7	4,625	58,965		
General crop and livestock farms...	875	43.1	15.0	12.6	12.4	133	314,500	4.64	3.49	179	2.5	15.1	11.4	13.3	3,861	21,515		
All other farms.....	10	20.0	0.2	0.1	(2)	2,250	1,750	43.75	1.94	10	17.5	0.8	0.1	0.1	4,571	345		
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		
All crop farms.....	74,717	25.5	69.4	55.4	46.0	490	14,260,601	12.24	2.50	11,233	4.5	47.5	37.0	37.7	3,618	1,053,335		
All livestock farms.....	19,616	27.4	18.2	26.5	32.4	333	6,842,799	8.35	2.51	7,965	7.6	33.7	42.7	42.0	3,742	1,246,043		
General crop and livestock farms...	12,834	34.6	11.9	17.6	21.0	341	4,375,225	8.22	2.41	4,328	6.9	18.3	19.6	19.6	3,680	504,629		
All other farms.....	450	28.0	0.4	0.4	0.7	265	119,494	7.21	2.72	130	6.8	0.5	0.8	0.7	3,758	24,320		
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		
All crop farms.....	2,847	31.7	46.7	37.5	37.1	250	525,650	6.31	2.53	897	8.5	36.8	36.8	40.2	3,071	126,376		
All livestock farms.....	1,969	31.7	32.3	39.6	40.3	243	596,525	6.59	2.71	999	7.8	41.0	43.1	40.0	3,618	142,890		
General crop and livestock farms...	1,275	33.5	20.9	22.8	22.3	253	317,654	6.35	2.51	537	7.2	22.0	19.7	19.5	3,399	54,820		
All other farms.....	10	79.3	0.2	0.1	0.4	87	2,000	2.48	2.86	5	17.2	0.2	0.4	0.3	4,000	1,125		
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		
All crop farms.....	2,388	33.2	50.5	43.1	39.9	279	637,692	6.78	2.43	420	3.9	30.6	26.3	28.9	3,129	63,972		
All livestock farms.....	1,414	36.2	29.9	34.6	39.0	229	551,523	5.99	2.61	595	7.5	43.3	52.1	49.4	3,638	106,328		
General crop and livestock farms...	909	33.6	19.2	22.0	21.0	271	324,990	6.56	2.42	354	5.6	25.8	21.4	21.5	3,424	46,465		
All other farms.....	15	37.4	0.3	0.3	0.1	744	4,975	23.14	3.11	5	13.0	0.4	0.2	0.2	3,733	465		
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		
All crop farms.....	5,250	32.5	52.2	40.8	40.8	301	1,003,743	7.03	2.33	1,049	5.5	36.3	31.7	29.7	3,810	116,474		
All livestock farms.....	2,719	29.1	27.0	34.9	34.4	306	855,874	7.11	2.33	1,133	9.0	39.2	45.3	45.7	3,536	192,465		
General crop and livestock farms...	2,064	35.8	20.5	24.1	24.4	297	602,579	7.05	2.37	700	8.1	24.2	22.1	23.7	3,318	110,589		
All other farms.....	31	27.4	0.3	0.3	0.3	288	6,145	5.98	2.08	11	18.9	0.4	1.0	0.9	4,096	3,377		
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		
All crop farms.....	5,403	31.6	62.6	48.5	42.3	447	1,060,595	10.49	2.35	760	3.7	45.0	35.3	33.8	4,379	68,955		
All livestock farms.....	1,940	35.2	22.5	30.6	35.2	339	662,278	7.88	2.32	599	7.1	35.4	46.1	48.7	3,971	91,920		
General crop and livestock farms...	1,274	37.4	14.8	20.7	22.3	363	446,415	8.37	2.31	316	4.1	18.7	18.2	17.1	4,464	32,561		
All other farms.....	20	17.7	0.2	0.2	0.1	800	2,245	11.51	1.44	15	13.6	0.9	0.4	0.4	4,000	815		
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		
All crop farms.....	6,751	41.6	56.5	39.2	38.7	343	1,490,750	8.04	2.34	1,301	6.7	38.2	29.6	30.4	3,769	126,758		
All livestock farms.....	2,296	36.1	19.2	24.7	24.7	338	923,916	7.81	2.31	926	9.9	27.2	34.6	32.6	4,107	147,764		
General crop and livestock farms...	2,887	40.0	24.2	36.1	36.6	334	1,369,008	7.81	2.34	1,172	9.2	34.4	35.8	37.0	3,752	128,366		
All other farms.....	6	10.3	0.1	(2)	(2)	508	845	14.32	2.82	5	2.6	0.1	(2)	(2)	4,667	100		

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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	
Kentucky—Continued																		
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	
All crop farms.....	13,031	33.3	76.3	66.4	63.3	421	2,188,252	10.08	2.39	1,775	4.1	59.4	53.5	56.0	3,861	145,190	5.44	
All livestock farms.....	2,311	33.4	13.5	19.7	21.1	376	679,911	9.41	2.50	735	6.1	24.6	29.9	27.6	4,369	85,140	6.46	
General crop and livestock farms...	1,652	37.2	9.7	13.6	15.0	366	442,606	8.62	2.35	461	5.6	15.4	16.4	16.2	4,087	41,735	5.41	
All other farms.....	77	38.2	0.5	0.3	0.7	181	9,660	4.13	2.28	15	2.0	0.5	0.3	0.3	4,167	1,350	11.25	
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	
All crop farms.....	20,560	14.6	75.7	63.5	46.3	867	4,116,314	22.98	2.65	2,468	3.1	50.0	34.9	35.0	3,582	202,617	5.28	
All livestock farms.....	4,773	20.3	17.6	27.6	42.7	409	1,776,957	10.75	2.63	1,940	7.3	39.3	53.8	54.2	3,568	330,219	5.56	
General crop and livestock farms...	1,721	20.6	6.3	8.6	10.4	518	536,050	13.28	2.56	510	5.8	10.3	10.8	10.4	3,727	58,060	5.09	
All other farms.....	91	38.2	0.3	0.3	0.6	368	22,055	9.95	2.70	21	7.1	0.4	0.5	0.4	5,024	3,305	8.06	
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	
All crop farms.....	7,197	16.3	83.7	69.6	46.5	1,025	1,790,740	27.76	2.71	784	3.4	55.3	36.8	38.1	3,643	70,403	5.24	
All livestock farms.....	847	14.7	9.8	19.9	34.9	390	542,743	11.20	2.87	527	5.3	37.1	50.5	49.8	3,827	93,762	5.33	
General crop and livestock farms...	486	21.1	5.6	8.7	12.7	467	231,730	13.14	2.82	93	3.5	6.6	9.3	8.4	4,162	15,309	5.16	
All other farms.....	73	27.7	0.8	1.9	5.9	221	55,969	6.82	3.09	15	4.4	1.1	3.5	3.7	3,489	7,773	5.90	
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	
All crop farms.....	10,179	18.8	87.3	81.4	73.9	619	1,357,140	15.19	2.46	1,524	4.7	76.8	70.0	71.9	3,472	111,475	5.05	
All livestock farms.....	943	25.7	8.1	12.8	18.8	382	201,859	8.90	2.33	307	7.4	15.5	22.4	21.3	3,766	38,868	5.96	
General crop and livestock farms...	462	22.5	4.0	5.3	6.6	454	94,305	11.85	2.61	127	4.8	6.4	6.4	5.5	4,150	9,185	5.42	
All other farms.....	80	15.1	0.7	0.6	0.8	395	8,578	9.01	2.28	26	6.3	1.3	1.2	1.3	3,291	2,040	5.16	
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	
All crop farms.....	1,111	11.9	66.7	56.5	49.8	494	89,725	11.43	2.32	255	6.3	48.2	42.1	42.1	2,975	21,115	5.09	
All livestock farms.....	404	21.5	24.2	32.7	39.1	364	51,213	8.32	2.29	204	12.4	38.6	35.9	36.2	2,951	16,687	4.68	
General crop and livestock farms...	104	16.9	6.2	7.1	7.5	410	9,888	8.32	2.03	58	21.6	11.0	15.3	15.4	2,949	7,539	4.97	
All other farms.....	47	13.4	2.8	3.7	3.6	447	7,022	12.45	2.79	12	14.8	2.3	6.8	6.4	3,182	3,970	6.34	
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	
All crop farms.....	44,398	55.9	84.9	78.5	83.2	219	14,189,312	7.50	3.42	671	0.8	36.4	31.2	35.2	1,691	126,492	4.71	
All livestock farms.....	6,131	25.2	11.7	18.0	13.6	307	2,562,523	8.29	2.70	1,042	3.5	56.5	61.0	56.7	2,048	246,853	5.69	
General crop and livestock farms...	1,446	36.1	2.8	3.0	2.8	244	542,429	8.36	3.42	96	2.2	5.2	5.3	5.1	1,980	18,985	4.87	
All other farms.....	304	26.4	0.6	0.5	0.4	283	75,389	7.96	2.82	36	6.4	2.0	2.4	3.0	1,552	9,506	4.17	
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	
All crop farms.....	4,125	52.7	83.8	77.0	79.4	207	1,454,850	8.37	4.04	42	0.9	41.6	73.9	63.3	2,645	18,010	6.39	
All livestock farms.....	661	23.3	13.4	17.0	15.3	238	248,797	7.42	3.12	49	1.1	48.5	24.9	35.2	1,599	4,680	2.98	
General crop and livestock farms...	97	35.4	2.0	5.2	4.9	230	118,069	11.09	4.83	10	0.2	9.9	1.2	1.5	1,846	210	3.23	
All other farms.....	40	75.3	0.8	0.7	0.5	305	10,460	10.11	3.31	...	...	...	...	...	...	...	...	
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	
All crop farms.....	13,335	50.8	93.2	84.0	82.6	249	3,120,218	8.28	3.33	219	1.6	59.3	52.8	58.5	1,538	52,773	4.32	
All livestock farms.....	816	31.1	5.7	13.2	13.2	245	434,954	7.25	2.96	135	4.1	36.6	44.1	37.7	1,992	39,863	5.06	
General crop and livestock farms...	136	31.1	1.0	2.7	4.1	162	119,624	6.43	3.96	15	1.3	4.1	3.1	3.8	1,362	2,670	3.34	
All other farms.....	22	11.9	0.2	0.2	0.1	392	5,460	11.40	2.90	...	...	...	...	...	...	...	...	
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	
All crop farms.....	12,318	61.2	93.0	90.7	90.6	244	2,335,125	7.51	3.08	94	0.4	59.9	43.9	44.3	2,150	11,657	5.77	
All livestock farms.....	444	22.1	3.4	5.1	5.9	208	142,350	6.99	3.36	33	1.2	21.0	22.8	23.8	2,083	9,845	9.07	
General crop and livestock farms...	474	45.5	3.6	4.1	3.4	293	102,845	8.73	2.98	30	5.6	19.1	33.3	31.9	2,268	8,285	5.69	
All other farms.....	15	8.2	0.1	0.1	(2)	303	1,265	8.72	2.88	...	...	...	...	...	...	...	...	
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	
All crop farms.....	2,304	56.5	66.6	58.5	59.5	287	626,635	8.37	2.92	56	1.5	24.6	21.2	21.7	1,866	9,160	4.71	
All livestock farms.....	927	37.3	26.8	35.8	35.3	296	346,859	7.82	2.65	150	5.6	65.8	74.4	74.6	1,903	35,173	5.26	
General crop and livestock farms...	156	44.2	4.5	4.9	4.4	326	50,760	9.16	2.81	22	2.7	9.6	4.5	3.7	2,281	1,760	5.25	
All other farms.....	71	16.8	2.1	0.8	0.8	296	7,217	7.46	2.52	...	...	...	...	...	...	...	...	
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	
All crop farms.....	3,431	62.0	58.6	39.7	41.5	396	650,101	10.10	2.55	174	4.3	23.2	10.4	16.5	1,262	18,160	4.03	
All livestock farms.....	2,052	28.4	35.1	54.1	51.3	436	783,820	9.84	2.25	534	7.1	71.1	79.2	72.7	2,194	124,344	6.28	
General crop and livestock farms...	264	28.1	4.5	3.8	4.1	387	61,099	9.66	2.50	14	5.1	1.9	4.1	4.2	1,965	5,385	4.72	
All other farms.....	107	27.1	1.8	2.4	3.1	327	43,012	8.96	2.74	29	10.1	3.9	6.3	6.6	1,934	9,254	5.16	
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	
All crop farms.....	3,514	65.0	89.0	88.8	91.9	175	2,328,767	7.17	4.10	31	0.2	57.4	59.3	42.6	1,928	4,640	5.59	
All livestock farms.....	264	21.8	6.7	9.1	5.8	282	198,508	9.67	3.43	22	0.7	40.7	39.3					

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed
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
All crop farms.....	3,728	38.6	45.8	84.8	68.8	1,731	8,602,552	52.70	3.04	1,175	7.3	38.7	42.2	58.6	1,025	95,925	3.12
All livestock farms.....	3,689	13.0	45.3	13.0	28.1	649	1,249,483	18.72	2.89	1,651	3.8	54.4	52.4	37.4	1,990	113,542	5.77
General crop and livestock farms.....	348	10.1	4.3	1.7	2.2	1,076	153,581	29.42	2.73	132	3.1	4.3	4.1	3.1	1,912	9,860	6.14
All other farms.....	380	4.8	4.7	0.5	0.9	756	48,318	22.31	2.95	77	1.1	2.5	1.3	0.9	2,012	3,147	6.53
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
All crop farms.....	3,002	42.8	90.3	96.2	92.6	1,852	7,894,766	56.38	3.04	953	8.0	87.2	87.6	90.6	822	71,623	2.73
All livestock farms.....	245	31.2	7.4	3.1	6.5	856	264,890	27.03	3.16	110	7.6	10.1	10.7	8.2	1,107	8,900	3.75
General crop and livestock farms.....	56	16.3	1.7	0.6	0.8	1,526	56,455	49.52	3.24	25	4.1	2.3	1.3	1.0	1,158	740	2.60
All other farms.....	20	6.7	0.6	(2)	0.2	393	2,970	9.74	2.48	5	1.1	0.5	0.4	0.2	2,000	175	3.50
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
All crop farms.....	317	35.5	14.2	39.2	25.8	1,246	441,394	38.10	3.06	102	6.2	10.6	14.3	16.8	1,682	10,693	5.31
All livestock farms.....	1,592	15.4	71.4	52.9	67.4	645	557,513	18.45	2.86	755	4.6	78.7	76.9	75.3	2,021	56,033	6.20
General crop and livestock farms.....	120	11.1	5.4	5.2	4.4	986	45,824	23.43	2.38	58	4.0	6.0	6.5	6.0	2,165	5,732	8.02
All other farms.....	200	6.2	9.0	2.7	2.4	926	29,291	27.56	2.98	44	1.4	4.6	2.3	2.0	2,300	2,287	9.53
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
All crop farms.....	231	6.2	22.3	30.6	23.7	968	72,174	27.07	2.80	43	0.9	13.9	10.0	12.3	1,668	1,977	5.30
All livestock farms.....	631	8.1	60.8	53.5	62.0	647	125,720	18.01	2.79	238	2.8	77.0	79.5	78.2	2,089	13,360	5.65
General crop and livestock farms.....	92	10.2	8.9	13.2	10.0	991	28,007	24.96	2.52	26	2.4	8.4	10.2	8.9	2,373	1,932	7.21
All other farms.....	84	3.3	8.1	2.8	4.3	479	6,702	13.71	2.86	2	0.1	0.6	0.3	0.6	1,059	24	1.41
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
All crop farms.....	178	44.4	11.4	34.2	29.9	696	194,218	21.62	3.11	77	10.6	11.4	29.7	25.2	2,771	11,632	5.44
All livestock farms.....	1,221	10.0	78.5	59.6	65.7	552	301,360	15.25	2.76	548	3.0	81.3	66.1	68.8	2,260	35,249	6.03
General crop and livestock farms.....	80	6.3	5.1	4.6	3.3	836	23,295	23.25	2.78	23	2.1	3.4	2.8	4.0	1,645	1,456	4.31
All other farms.....	76	3.4	4.9	1.6	1.0	971	9,355	30.28	3.12	26	1.9	3.9	1.5	2.1	1,714	661	3.78
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
All crop farms.....	7,960	60.4	40.7	42.5	36.2	522	5,395,798	13.03	2.50	2,382	9.6	29.6	25.3	29.8	1,600	508,634	7.72
All livestock farms.....	9,413	51.5	48.2	45.5	52.1	388	5,526,250	9.28	2.39	4,708	11.1	58.5	64.4	57.9	2,100	1,042,142	8.15
General crop and livestock farms.....	1,941	57.5	9.9	11.3	11.3	445	1,358,312	10.52	2.37	886	11.2	11.0	9.8	11.3	1,628	205,845	8.21
All other farms.....	223	25.8	1.1	0.7	0.5	696	90,659	16.91	2.43	68	10.6	0.8	0.5	1.0	1,005	14,080	6.37
Area 1.....	946	30.8	100.0	100.0	100.0	354	236,132	8.93	2.49	469	8.6	100.0	100.0	100.0	3,130	61,703	8.34
All crop farms.....	91	31.2	9.6	15.1	11.7	461	33,170	10.70	2.32	20	9.6	4.3	4.1	12.8	1,011	2,680	2.82
All livestock farms.....	713	30.3	75.4	69.4	74.5	334	160,557	8.15	2.44	399	9.0	85.1	87.5	79.1	3,462	53,253	9.10
General crop and livestock farms.....	116	37.4	12.3	12.9	12.3	376	35,375	10.90	2.90	45	6.6	9.6	8.0	7.8	3,235	5,595	9.73
All other farms.....	26	19.0	2.7	2.7	1.5	651	7,030	18.03	2.77	5	1.0	1.1	0.3	0.3	3,500	175	8.75
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
All crop farms.....	614	58.6	10.4	9.5	10.4	338	302,549	8.48	2.51	173	8.1	6.7	8.1	7.7	2,328	42,768	8.70
All livestock farms.....	4,551	51.9	77.4	77.9	79.0	368	2,272,688	8.42	2.29	2,165	10.3	83.3	85.3	83.5	2,258	430,178	8.02
General crop and livestock farms.....	681	55.2	11.6	11.7	9.8	442	318,257	9.48	2.14	261	9.0	10.0	6.6	8.6	1,695	53,190	9.67
All other farms.....	36	63.3	0.6	1.0	0.7	492	24,260	9.75	1.98	1	3.8	(2)	0.1	0.2	1,000	1,200	8.00
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
All crop farms.....	2,175	43.6	56.6	46.0	37.0	639	949,795	16.24	2.54	615	8.0	38.1	18.7	24.6	1,293	70,610	6.57
All livestock farms.....	1,370	44.5	35.6	47.2	55.7	436	901,630	10.24	2.35	849	14.5	52.6	72.1	65.7	1,868	209,335	7.29
General crop and livestock farms.....	201	48.1	5.2	6.1	6.9	457	121,875	11.19	2.45	116	13.9	7.2	7.9	7.2	1,869	24,330	7.75
All other farms.....	100	6.4	2.6	0.7	0.4	1,034	14,640	26.38	2.55	35	13.2	2.2	1.3	2.6	842	6,695	5.87
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
All crop farms.....	2,679	45.0	92.4	87.9	87.2	577	955,095	14.75	2.56	561	5.1	86.3	73.7	73.4	1,863	73,265	9.96
All livestock farms.....	118	39.3	4.1	5.8	6.2	540	59,380	12.97	2.40	47	11.7	7.2	16.3	13.6	2,222	16,060	11.82
General crop and livestock farms.....	91	44.4	3.1	6.1	6.4	544	60,265	12.68	2.33	32	9.9	4.9	7.6	10.6	1,340	7,950	7.50
All other farms.....	12	16.8	0.4	0.2	0.3	402	1,968	9.65	2.40	10	20.6	1.5	2.4	2.5	1,760	2,100	8.40
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
All crop farms.....	902	72.4	27.8	40.7	34.9	484	1,392,305	11.78	2.43	372	11.4	24.2	31.3	32.3	1,813	156,920	8.45
All livestock farms.....	1,837	58.9	56.7	46.3	50.1	383	1,635,008	9.63	2.51	945	10.7	61.5	55.0	53.8	1,920	256,708	8.32
General crop and livestock farms.....	486	66.6	15.0	12.9	14.8	363	436,300	8.70	2.40	219	10.6	14.3	13.7	13.9	1,858	66,554	8.35
All other farms.....	16	50.7	0.5	0.2	0.2	339	5,956	9.09	2.68	...	...	...	...	...	...	...	...
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
All crop farms.....	1,499	77.2	55.1	65.9	65.3	528	1,762,884	13.17	2.49	641	13.5	54.6	61.8	60.9	1,359	162,391	6.96
All livestock farms.....	824	58.9	30.3	18.3	21.2	451	496,9,										

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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
Massachusetts—Continued																	
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
All crop farms.....	604	58.9	43.9	63.0	36.2	1,769	830,106	63.51	3.59	172	10.6	30.6	27.0	30.1	2,067	22,540	9.59
All livestock farms.....	671	37.4	48.8	32.3	58.9	557	358,155	16.84	3.02	365	9.3	64.9	68.8	67.8	2,346	45,020	8.52
General crop and livestock farms.....	45	46.1	3.3	3.5	4.6	768	35,815	21.45	2.79	5	2.8	0.9	2.5	1.3	4,500	1,500	15.00
All other farms.....	56	9.1	4.1	1.2	0.3	4,157	20,753	203.46	4.89	20	5.3	3.6	1.7	0.8	5,167	475	7.92
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
All crop farms.....	146	51.7	15.5	18.4	19.3	439	76,885	13.77	3.13	51	12.8	11.1	23.6	28.1	2,261	14,796	10.72
All livestock farms.....	672	24.5	71.3	74.4	75.1	457	265,880	12.23	2.67	369	3.7	80.2	70.2	67.4	2,804	36,915	11.15
General crop and livestock farms.....	35	16.9	3.7	4.8	3.6	605	19,255	18.25	3.02	20	2.9	4.3	5.1	3.7	3,778	2,380	13.22
All other farms.....	90	47.8	9.5	2.5	2.0	574	11,810	20.19	3.51	20	3.7	4.3	1.1	0.9	3,111	510	11.33
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
All crop farms.....	346	60.9	22.5	29.6	23.2	779	168,385	21.95	2.82	130	9.4	22.5	18.9	16.7	2,034	11,425	9.68
All livestock farms.....	712	29.2	46.3	54.2	65.2	508	294,615	13.68	2.69	292	6.5	50.6	68.2	68.6	1,789	38,082	7.88
General crop and livestock farms.....	60	32.7	3.9	3.1	4.5	427	20,530	13.97	3.27	15	12.4	2.6	7.6	7.9	1,730	5,385	9.70
All other farms.....	420	46.4	27.3	13.1	7.1	1,123	94,200	40.09	3.57	140	9.5	24.3	5.4	6.8	1,417	2,215	4.61
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
All crop farms.....	494	37.4	39.1	27.7	25.8	574	123,393	17.40	3.03	47	1.8	11.1	8.8	6.6	3,398	3,516	10.37
All livestock farms.....	637	38.3	50.5	57.8	63.2	491	223,962	12.92	2.63	311	9.6	73.5	78.7	84.0	2,362	34,345	7.91
General crop and livestock farms.....	45	33.0	3.6	10.9	6.7	881	44,945	24.63	2.80	30	7.4	7.1	11.1	7.9	3,537	6,040	14.73
All other farms.....	86	43.3	6.8	3.6	4.3	447	15,250	12.87	2.88	35	2.9	8.3	1.4	1.5	2,250	520	6.50
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
All crop farms.....	26,872	57.4	33.2	41.1	37.2	277	13,003,948	8.14	2.94	2,904	1.9	24.0	26.0	25.3	4,058	380,435	7.16
All livestock farms.....	40,426	37.5	49.9	41.4	45.6	228	12,658,105	6.47	2.84	7,156	2.4	59.2	57.0	58.6	3,836	818,935	6.65
General crop and livestock farms.....	12,798	45.0	15.8	17.0	17.0	251	5,360,924	7.35	2.93	1,958	2.0	16.2	16.4	15.8	4,104	232,632	7.02
All other farms.....	945	20.3	1.2	0.4	0.2	422	140,179	13.49	3.20	60	1.3	0.5	0.5	0.3	6,321	5,720	8.35
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
All crop farms.....	78	38.3	8.6	26.4	19.4	465	41,140	12.94	2.78	15	1.7	4.3	3.3	3.4	4,643	1,035	7.39
All livestock farms.....	710	8.8	77.9	61.8	70.0	302	96,682	8.43	2.79	322	3.0	91.5	94.9	94.8	4,875	23,040	5.96
General crop and livestock farms.....	91	11.0	10.0	9.9	8.5	399	11,995	8.59	2.15	15	0.6	4.3	1.9	1.7	5,286	795	11.36
All other farms.....	33	6.4	3.6	1.9	2.1	320	3,258	9.64	3.02	...	...	...	...	...	...	...	...
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
All crop farms.....	72	34.0	4.2	14.4	9.6	406	58,910	12.74	3.14	6	0.2	5.3	2.8	1.7	4,000	210	8.40
All livestock farms.....	1,440	16.4	83.6	76.5	81.2	254	273,857	6.99	2.75	102	0.6	90.3	93.8	94.9	2,394	5,562	4.02
General crop and livestock farms.....	127	8.3	7.4	7.5	7.5	267	25,529	7.02	2.63	5	0.1	4.4	3.4	3.4	2,400	120	2.40
All other farms.....	83	12.6	4.8	1.7	1.7	267	7,121	8.63	3.24	...	...	...	...	...	...	...	...
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
All crop farms.....	1,105	41.4	34.9	46.3	39.5	330	485,128	11.76	3.56	155	2.3	25.0	25.6	26.0	3,772	15,335	6.73
All livestock farms.....	1,479	25.2	46.7	36.0	42.4	239	350,240	7.92	3.31	345	3.0	55.6	59.8	60.2	3,803	32,515	6.15
General crop and livestock farms.....	525	27.0	16.6	16.6	17.5	266	151,390	8.27	3.11	115	1.7	18.5	14.5	13.3	4,162	9,075	7.76
All other farms.....	56	14.2	1.8	1.1	0.6	543	11,860	20.52	3.78	5	1.2	0.8	0.1	0.6	1,000	275	5.50
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
All crop farms.....	552	38.1	12.1	25.9	15.9	462	334,590	14.20	3.07	72	1.5	6.1	3.8	5.4	2,448	5,278	5.53
All livestock farms.....	3,323	19.9	72.6	58.1	67.6	244	723,053	7.22	2.96	911	2.8	77.8	76.1	79.0	3,355	72,877	5.24
General crop and livestock farms.....	675	24.8	14.8	15.9	16.4	276	196,613	8.09	2.93	178	2.7	15.2	19.0	15.2	4,349	17,609	6.56
All other farms.....	26	3.4	0.6	0.1	0.1	409	1,200	9.45	2.31	10	1.9	0.9	1.1	0.4	9,286	500	7.14
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
All crop farms.....	476	35.3	14.0	22.1	17.9	297	157,985	8.07	2.72	20	0.4	5.7	3.4	3.7	3,200	1,175	5.22
All livestock farms.....	2,289	18.2	67.4	59.8	63.6	227	431,311	6.21	2.74	295	1.3	84.0	86.4	80.4	3,811	34,602	7.13
General crop and livestock farms.....	596	22.8	17.6	17.9	18.2	237	127,315	6.41	2.71	36	1.1	10.3	10.3	15.9	2,292	2,910	3.04
All other farms.....	35	8.9	1.0	0.2	0.3	179	1,305	4.50	2.51	...	...	...	...	...	...	...	...
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
All crop farms.....	4,591	62.4	45.1	53.1	49.7	265	2,177,698	7.40	2.80	175	0.7	27.6	28.6	32.6	2,704	21,700	6.53
All livestock farms.....	3,704	44.3	36.4	28.6	32.1	221	1,151,410	6.06	2.75	330	1.0	52.0	50.1	41.6	3,703	28,135	6.63
General crop and livestock farms.....	1,829	52.2	18.0	18.1	18.0	249	756,945	7.09	2.85	130	1.3	20.5	21.3	25.8	2,535	12,065	4.58
All other farms.....	65	42.0	0.6	0.2	0.1	321	7,650	9.75	3.04	...	...	...	...	...	...	...	...
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
All crop farms.....	3,823	67.2	42.0	46.5	46.6	239	2,093,527	7.07	2.96	95	0.3	33.8	29.6	35.1	2,838	9,260	6.36
All livestock farms.....	3,783	48.2	41.5	34.0	35.1	232	1,429,456	6.41	2.76	151	0.5	53.7	60.4	51.0	4,000		

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 cent. 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	
All crop farms.....	4,139	52.3	28.5	31.3	29.4	242	1,758,750	7.00	2.90	409	1.9	19.6	25.0	24.6	3,473	69,700	7.63	
All livestock farms.....	8,133	44.5	55.9	52.9	54.8	219	2,913,164	6.22	2.84	1,307	2.2	62.6	58.8	61.3	3,278	162,493	7.13	
General crop and livestock farms...	2,193	47.4	15.1	15.7	15.8	226	880,698	6.53	2.89	372	1.8	17.8	16.3	14.1	3,947	39,748	7.59	
All other farms.....	75	14.1	0.5	0.1	(2)	535	6,230	15.58	2.91	...	...	...	...	...	...	...	...	
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	
All crop farms.....	3,498	62.1	38.8	44.1	41.0	280	1,618,573	7.66	2.74	247	1.6	32.2	22.9	27.4	2,036	25,674	4.63	
All livestock farms.....	4,189	44.8	46.5	39.0	44.5	228	1,364,746	5.96	2.61	400	2.5	52.1	62.2	61.9	2,453	69,771	5.57	
General crop and livestock farms...	1,144	52.6	12.7	16.3	14.0	302	662,000	9.16	3.03	111	1.6	14.5	14.7	10.6	3,400	23,205	10.87	
All other farms.....	182	31.7	2.0	0.6	0.5	346	27,190	11.16	3.22	10	0.3	1.3	0.2	0.1	3,600	500	20.00	
Area 9a.....	6,122	53.4	100.0	100.0	100.0	233	2,523,770	6.52	2.79	870	2.0	100.0	100.0	100.0	4,334	97,425	6.64	
All crop farms.....	2,203	60.7	36.0	40.4	37.8	250	1,018,620	6.97	2.79	265	1.8	30.5	27.1	29.8	3,945	25,315	5.80	
All livestock farms.....	2,733	49.5	44.6	42.0	43.9	224	1,055,285	6.22	2.78	490	2.5	56.3	62.3	57.8	4,667	59,105	6.97	
General crop and livestock farms...	1,156	50.8	18.9	17.4	18.3	222	446,745	6.31	2.84	115	1.3	13.2	10.6	12.4	3,714	13,005	7.15	
All other farms.....	30	17.5	0.5	0.1	0.1	305	3,120	9.90	3.25	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,892	50.6	30.4	36.3	33.7	259	1,033,305	7.93	3.07	562	4.4	26.6	31.2	25.8	6,564	94,174	8.24	
All livestock farms.....	3,037	40.5	48.8	42.9	46.3	222	1,229,106	6.87	3.09	1,098	5.2	51.9	45.0	52.4	4,670	161,430	6.96	
General crop and livestock farms...	1,144	42.6	18.4	20.1	19.7	245	556,551	7.31	2.98	436	5.2	20.6	22.8	21.0	5,898	68,005	7.32	
All other farms.....	150	25.1	2.4	0.8	0.3	567	22,570	18.28	3.22	20	7.4	0.9	1.1	0.8	7,233	2,255	6.18	
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	
All crop farms.....	19,153	22.0	26.4	37.7	41.8	136	8,986,438	5.18	3.80	943	0.2	8.1	9.3	9.3	3,913	100,977	5.71	
All livestock farms.....	38,830	17.3	53.6	43.6	40.3	164	9,767,743	5.85	3.57	8,922	1.5	77.0	73.9	74.6	3,912	100,085	4.96	
General crop and livestock farms...	14,245	16.6	19.7	18.5	17.9	156	4,185,817	5.63	3.61	1,668	0.7	14.4	16.7	15.9	4,440	156,442	5.18	
All other farms.....	238	10.6	0.3	0.2	0.1	430	35,310	15.88	3.69	47	1.6	0.4	0.1	0.2	2,986	1,535	4.45	
Area 1.....	8,310	26.4	100.0	100.0	100.0	93	4,066,388	3.66	3.93	34	(2)	100.0	100.0	100.0	1,738	494	2.59	
All crop farms.....	4,812	32.1	57.9	74.8	77.9	89	3,088,838	3.57	3.99	13	(2)	38.2	15.7	16.2	1,677	173	5.58	
All livestock farms.....	1,788	14.3	21.5	10.9	9.2	111	421,309	4.13	3.72	15	(2)	44.1	63.3	65.4	1,680	175	1.40	
General crop and livestock farms...	1,710	17.8	20.6	14.3	12.9	103	556,241	3.89	3.77	6	(2)	17.6	21.1	18.3	2,000	146	4.17	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	140	8.8	5.4	9.5	9.5	176	36,070	6.57	3.74	25	0.4	2.4	2.9	2.4	3,887	2,080	7.85	
All livestock farms.....	2,043	6.2	78.4	66.2	69.2	168	225,379	5.61	3.34	923	1.5	89.5	87.5	89.3	3,138	56,777	5.82	
General crop and livestock farms...	383	7.4	14.7	23.4	21.1	194	77,994	6.37	3.28	63	0.5	6.1	8.2	7.0	3,740	6,015	7.81	
All other farms.....	40	1.2	1.5	0.9	0.2	681	2,170	16.07	2.36	20	1.2	1.9	1.3	1.2	3,481	585	4.33	
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	
All crop farms.....	379	15.6	7.7	14.8	18.0	103	123,087	3.99	3.87	10	0.1	5.4	5.7	5.4	2,385	1,115	8.58	
All livestock farms.....	3,612	9.3	73.8	65.1	62.1	132	477,325	4.50	3.42	155	0.2	83.8	83.8	85.4	2,225	11,865	5.82	
General crop and livestock farms...	885	9.8	18.1	20.0	19.8	127	155,722	4.59	3.62	20	0.1	10.8	10.5	9.2	2,591	1,635	7.43	
All other farms.....	15	6.4	0.3	0.1	(2)	160	505	6.73	4.21	...	...	...	...	...	...	...	...	
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	
All crop farms.....	324	19.2	4.3	9.1	7.2	205	117,072	7.80	3.80	95	1.3	3.9	4.3	4.0	3,570	6,121	5.85	
All livestock farms.....	6,642	19.8	88.6	82.2	83.5	159	975,466	5.58	3.52	2,148	2.6	87.4	86.4	87.1	3,321	100,670	4.46	
General crop and livestock farms...	518	22.0	6.9	8.6	9.3	150	105,590	5.44	3.63	209	2.5	8.5	9.1	8.5	3,579	11,965	5.43	
All other farms.....	10	3.0	0.1	0.1	0.1	174	730	6.35	3.65	5	2.0	0.2	0.2	0.3	1,867	240	3.20	
Area 5.....	9,757	12.7	100.0	100.0	100.0	169	3,378,846	6.42	3.79	70	(2)	100.0	100.0	100.0	2,419	2,550	4.86	
All crop farms.....	4,357	11.1	44.7	44.8	46.0	165	1,536,060	6.35	3.85	30	(2)	42.9	62.2	63.8	2,358	1,435	4.28	
All livestock farms.....	3,183	15.8	32.6	34.8	32.8	180	1,147,382	6.64	3.69	30	(2)	42.9	30.7	28.6	2,600	985	6.57	
General crop and livestock farms...	2,217	12.7	22.7	20.4	21.2	163	695,404	6.24	3.82	10	(2)	14.3	7.1	7.6	2,250	130	3.25	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,998	24.7	12.7	19.7	15.4	229	897,570	8.51	3.71	428	1.8	8.6	8.4	8.4	4,155	41,690	5.45	
All livestock farms.....	10,498	17.4	66.6	58.4	63.0	166	2,502,205	5.80	3.49	3,691	2.7	74.5	72.9	73.2	4,135	314,272	4.70	
General crop and livestock farms...	3,129	18.5	19.8	21.3	21.4	179	894,376	6.11	3.42	815	2.1	16.4	18.7	18.4	4,231	81,576	4.85	
All other farms.....	142	40.5	0.9	0.6	0.2	524	28,550	20.48	3.91	21	1.7	0.4	(2)	0.1	2,000	300	5.00	
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	
All crop farms.....	3,118	22.5	26.9	36.8	32.4	213	1,559,467	7.63	3.58	306	0.9	11.1	13.3	14.2	3,910	45,234	5.79	
All livestock farms.....	5,487	25.0	47.3	41.8	45.4	173	1,805,685	6.30	3.65	1,920	3.2	69.6	68.2	67.6	4,194	194,221	5.22	
General crop and livestock farms...	2,976	19.7	25.7	21.3	22.1	181	921,435	6.61	3.66	530	1.4	19.2	18.3	18.1	4,202	53,735	5.39	
All other farms.....	11	28.6</																

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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	
Mississippi—Continued																		
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	
All crop farms.....	39,224	59.9	98.9	95.0	94.5	217	11,356,617	9.10	4.18	323	1.1	91.0	68.1	63.6	2,390	146,142	6.59	
All livestock farms.....	289	44.4	0.7	2.5	2.9	185	270,008	7.09	3.84	24	13.9	6.8	29.6	34.3	1,928	43,101	3.61	
General crop and livestock farms.....	150	44.2	0.4	2.5	2.6	207	253,665	7.42	3.58	8	0.9	2.3	2.3	2.1	2,517	7,965	11.14	
All other farms.....	12	14.3	(2)	(2)	(2)	224	2,005	5.90	2.64	...	...	...	...	...	...	...	...	
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	
All crop farms.....	23,510	53.5	93.0	82.8	80.8	351	5,313,052	10.02	2.86	419	1.6	57.8	43.7	38.8	1,909	78,200	4.98	
All livestock farms.....	1,458	32.2	5.8	14.2	15.8	308	886,148	8.54	2.77	269	7.2	37.1	52.0	57.4	1,537	90,705	3.91	
General crop and livestock farms.....	272	34.9	1.1	2.8	3.1	310	178,021	8.73	2.81	28	2.2	3.9	4.0	3.2	2,108	7,915	6.08	
All other farms.....	46	20.1	0.2	0.2	0.3	262	11,414	6.69	2.56	9	2.4	1.2	0.4	0.5	1,239	1,252	6.11	
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	
All crop farms.....	8,861	56.6	75.2	58.7	56.3	360	1,746,033	9.57	2.66	182	1.6	25.5	20.0	19.6	1,466	26,848	5.14	
All livestock farms.....	2,238	30.6	19.0	33.0	36.0	316	961,252	8.23	2.61	441	4.6	61.7	66.5	66.0	1,449	83,894	4.77	
General crop and livestock farms.....	587	38.7	5.0	7.3	6.6	382	215,647	10.15	2.66	75	3.7	10.5	9.4	7.7	1,761	8,427	4.11	
All other farms.....	99	13.2	0.8	1.0	1.2	290	27,449	7.14	2.46	17	6.2	2.4	4.1	6.7	867	4,688	2.61	
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	
All crop farms.....	13,427	63.5	85.1	82.7	81.6	387	3,026,513	9.54	2.47	456	1.5	62.1	53.4	54.4	1,509	28,714	3.96	
All livestock farms.....	1,577	45.1	10.0	12.2	13.1	355	460,271	9.01	2.54	215	4.2	29.3	35.8	36.0	1,529	15,558	3.24	
General crop and livestock farms.....	690	47.8	4.4	4.6	4.8	364	167,974	8.98	2.46	58	1.9	7.9	5.5	5.6	1,512	4,039	5.39	
All other farms.....	84	29.0	0.5	0.4	0.4	384	11,895	7.23	1.88	5	9.4	0.7	5.2	4.0	2,000	2,650	5.00	
Area 5.....	10,812	40.6	100.0	100.0	100.0	337	2,384,874	8.11	2.40	257	1.7	100.0	100.0	100.0	1,939	47,571	3.83	
All crop farms.....	8,537	53.6	79.0	64.9	62.7	349	1,545,935	8.38	2.40	104	1.0	40.5	22.5	26.9	1,623	11,677	3.50	
All livestock farms.....	1,811	29.4	16.7	28.9	31.3	312	680,072	7.40	2.37	140	2.7	54.5	72.2	68.2	2,053	33,697	3.98	
General crop and livestock farms.....	418	26.9	3.9	5.8	5.7	342	147,586	8.81	2.58	13	1.0	5.1	5.3	4.9	2,099	2,197	3.61	
All other farms.....	46	18.9	0.4	0.5	0.3	493	11,281	11.99	2.43	...	...	...	...	...	...	...	...	
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	
All crop farms.....	17,715	70.7	80.8	72.4	71.7	377	4,011,287	9.55	2.53	438	1.2	37.2	21.1	20.0	1,662	36,312	5.26	
All livestock farms.....	3,236	48.1	14.8	21.9	22.5	364	1,214,490	9.21	2.53	620	8.8	52.6	68.3	70.1	1,538	103,955	4.30	
General crop and livestock farms.....	801	54.2	3.7	4.8	5.1	354	267,949	8.95	2.53	118	4.5	10.0	9.9	7.3	2,140	17,398	6.94	
All other farms.....	180	29.7	0.8	0.9	0.7	467	45,832	11.29	2.42	3	6.5	0.3	0.7	2.6	436	1,280	1.44	
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	
All crop farms.....	7,254	70.4	73.9	67.2	66.5	365	1,615,477	9.35	2.56	169	1.0	31.6	18.5	16.2	1,875	13,500	5.51	
All livestock farms.....	1,731	48.3	17.6	23.0	24.2	343	544,352	8.64	2.52	235	6.7	43.9	56.4	57.8	1,602	33,854	3.86	
General crop and livestock farms.....	650	59.2	6.6	8.5	8.1	381	199,972	9.53	2.50	108	9.2	20.2	20.3	21.4	1,553	11,540	3.56	
All other farms.....	175	25.6	1.8	1.2	1.2	362	29,624	9.26	2.56	23	5.7	4.3	4.9	4.7	1,699	4,045	5.68	
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	
All crop farms.....	1,215	80.3	46.4	58.9	50.8	531	760,398	9.73	1.83	51	2.1	15.9	17.1	15.3	1,758	11,857	5.73	
All livestock farms.....	1,059	59.5	40.4	30.4	36.1	386	510,784	9.19	2.38	186	8.7	58.1	57.3	60.1	1,497	41,494	5.11	
General crop and livestock farms.....	298	61.7	11.4	9.2	10.4	406	147,303	9.24	2.28	59	8.2	18.4	16.6	15.6	1,676	11,753	5.57	
All other farms.....	48	31.3	1.8	1.5	2.7	251	26,192	6.40	2.55	24	9.2	7.5	8.9	8.9	1,577	3,498	2.90	
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	
All crop farms.....	62	73.4	11.4	13.5	14.9	419	32,295	10.06	2.40	15	2.6	14.4	4.4	5.6	1,217	550	4.78	
All livestock farms.....	371	46.6	68.3	70.3	68.2	476	154,229	10.49	2.20	83	5.8	79.8	90.9	88.3	1,597	10,930	6.01	
General crop and livestock farms.....	55	47.1	10.1	9.7	11.5	388	21,585	8.70	2.24	5	0.5	4.8	1.6	1.2	2,000	190	7.60	
All other farms.....	55	37.1	10.1	6.5	5.4	561	18,003	15.49	2.76	1	3.2	1.0	3.1	4.9	1,000	750	7.50	
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	
All crop farms.....	24,164	37.6	24.5	27.9	29.4	209	12,445,310	7.19	3.45	5,570	3.2	19.7	22.3	23.0	4,184	945,285	6.39	
All livestock farms.....	62,110	33.7	63.1	60.0	57.5	229	25,593,220	7.56	3.30	18,953	4.2	66.9	64.9	64.9	4,314	2,694,700	6.46	
General crop and livestock farms.....	11,897	37.0	12.1	12.0	13.0	203	5,154,769	6.75	3.32	3,774	3.7	13.3	12.6	12.0	4,540	535,599	6.97	
All other farms.....	302	22.0	0.3	0.1	0.1	377	42,423	11.55	3.07	49	6.1	0.2	0.2	0.2	4,627	7,434	7.29	
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	
All crop farms.....	1,985	27.8	19.6	21.3	25.6	176	1,373,159	7.81	4.43	507	2.2	13.6	13.9	13.9	3,801	76,214	5.51	
All livestock farms.....	7,171	25.2	70.9	71.1	66.3	227	3,951,199	8.67	3.82	2,884	4.4	77.2	78.1	78.9	3,739	458,854	5.83	
General crop and livestock farms.....	889	24.9	8.8	7.3	8.0	194	423,489	7.73	3.99	333	3.3	8.9	7.9	7.2	4,143	43,044	6.01	
All other farms.....	66	50.7	0.7	0.3	0.1	622	13,615	18.91	3.04	11	6.0	0.3	0.1	0.1	4,706	600	7.06	
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	
All crop farms.....	2,653	26.0	19.8	22.3	24.7	198	1,205,791	7.11	3.58	908	3.4	17.1	18.8	18.8	4,137	168,653	7.52	
All livestock farms.....	9,028	26.6	67.4	67.8	64.0	234	3,579,726	8.16	3.49	3,832,								

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 cent. of fertilizer used	Farms reporting lime		Lime used	Acres limed	For lime	Per acre limed	
Missouri—Continued																		
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	
All crop farms.....	987	61.7	18.3	31.6	32.8	193	655,171	5.43	2.82	217	2.1	24.0	26.3	27.4	3,631	22,177	5.33	
All livestock farms.....	3,774	44.8	69.9	54.0	53.6	202	1,083,831	5.51	2.73	589	2.1	65.1	58.0	60.1	3,663	49,341	5.42	
General crop and livestock farms.....	630	55.3	11.7	14.3	13.5	211	291,057	5.85	2.77	99	2.1	10.9	15.7	12.5	4,771	11,463	6.05	
All other farms.....	10	25.0	0.2	(Z)	(Z)	500	510	12.75	2.55	...	...	...	...	...	...	...	...	
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	
All crop farms.....	423	49.7	7.1	8.5	9.8	185	163,735	6.01	3.25	68	3.0	5.6	6.1	7.0	3,769	9,720	5.91	
All livestock farms.....	4,841	32.3	80.8	79.5	76.8	221	1,486,821	6.95	3.15	993	2.8	81.1	81.5	79.2	4,463	125,579	6.79	
General crop and livestock farms.....	714	39.4	11.9	11.9	13.4	190	232,379	6.21	3.27	164	3.4	13.4	12.4	13.8	3,889	17,297	5.37	
All other farms.....	15	19.3	0.3	0.1	(Z)	338	1,155	8.88	2.62	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,589	32.6	14.7	15.1	16.5	220	623,803	7.12	3.24	431	2.6	13.5	14.0	15.3	4,291	39,812	5.78	
All livestock farms.....	7,331	37.0	67.7	69.2	67.4	247	2,712,295	7.60	3.08	2,179	3.2	68.3	68.9	68.1	4,751	207,590	6.76	
General crop and livestock farms.....	1,805	36.5	16.7	15.4	15.9	232	621,811	7.37	3.18	571	3.2	17.9	17.0	16.5	4,835	48,602	6.55	
All other farms.....	110	18.6	1.0	0.3	0.2	394	12,785	13.11	3.33	10	1.1	0.3	0.1	0.1	4,000	610	10.17	
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	
All crop farms.....	377	46.0	3.5	4.8	5.2	203	124,422	5.39	2.65	51	3.2	3.6	4.6	7.9	2,106	4,860	3.03	
All livestock farms.....	9,633	32.5	88.5	85.6	83.9	226	2,430,344	6.56	2.90	1,199	1.4	85.7	83.0	81.0	3,667	91,211	5.51	
General crop and livestock farms.....	827	47.3	7.6	9.4	10.8	193	267,629	5.59	2.90	138	2.2	9.9	12.3	11.0	3,981	13,434	5.95	
All other farms.....	42	8.9	0.4	0.2	0.1	460	5,025	12.85	2.79	11	0.7	0.8	0.1	0.1	3,333	160	5.33	
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	
All crop farms.....	278	39.4	8.6	7.3	8.5	219	72,245	6.56	2.99	42	2.4	6.4	5.9	5.0	5,414	4,563	6.85	
All livestock farms.....	2,657	29.7	82.5	84.5	81.7	264	817,122	7.74	2.94	581	3.4	88.8	89.7	90.5	4,513	74,182	6.11	
General crop and livestock farms.....	269	38.8	8.4	8.0	9.5	214	82,842	6.75	3.15	30	1.3	4.6	3.0	3.1	4,537	3,165	7.72	
All other farms.....	17	14.6	0.5	0.2	0.3	196	1,881	5.42	2.77	1	8.4	0.2	1.3	1.5	4,000	1,200	6.00	
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	
All crop farms.....	3,244	37.0	73.2	69.5	68.9	223	1,176,005	7.34	3.29	404	2.2	53.7	49.3	50.3	4,178	70,584	7.30	
All livestock farms.....	573	29.3	12.9	12.4	13.1	211	204,278	6.73	3.20	163	4.5	21.7	22.0	24.3	3,858	28,081	6.00	
General crop and livestock farms.....	606	35.5	13.7	18.0	17.9	223	307,528	7.38	3.32	185	4.2	24.6	28.7	25.4	4,827	63,358	12.97	
All other farms.....	10	75.0	0.2	0.1	0.1	173	1,075	4.22	2.44	...	...	...	...	...	...	...	...	
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	
All crop farms.....	5,838	37.7	94.6	90.3	90.7	252	2,894,075	9.00	3.57	414	2.1	76.2	77.3	79.6	3,179	102,882	5.66	
All livestock farms.....	81	22.6	1.3	1.5	1.6	233	43,720	7.69	3.31	31	6.2	5.7	6.7	6.8	3,226	12,650	8.16	
General crop and livestock farms.....	252	37.8	4.1	8.2	7.7	269	272,059	9.95	3.70	98	4.3	18.0	16.0	13.6	3,838	20,175	6.50	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	2,883	4.3	47.8	54.9	71.0	66	1,238,519	2.77	4.18	30	(Z)	75.0	34.4	51.9	484	635	2.05	
All livestock farms.....	2,306	3.6	38.3	33.5	22.3	129	689,541	4.91	3.82	8	(Z)	20.0	36.7	12.4	2,162	326	4.41	
General crop and livestock farms.....	796	6.3	13.2	11.3	6.6	145	253,127	6.05	4.16	2	(Z)	5.0	28.9	35.7	592	345	1.62	
All other farms.....	42	5.1	0.7	0.2	0.1	274	5,036	10.60	3.87	...	...	...	...	...	...	...	...	
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	
All crop farms.....	424	12.5	34.5	38.3	37.4	149	101,855	5.32	3.56	30	0.2	83.3	57.7	63.5	484	635	2.05	
All livestock farms.....	604	7.7	49.1	47.3	50.5	137	129,128	5.00	3.66	5	(Z)	13.9	3.8	2.0	1,000	40	4.00	
General crop and livestock farms.....	170	7.5	13.8	12.8	11.2	166	39,823	6.93	4.17	1	0.2	2.8	38.5	34.4	595	300	1.79	
All other farms.....	31	6.1	2.5	1.6	0.8	287	4,835	11.38	3.96	...	...	...	...	...	...	...	...	
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	
All crop farms.....	243	7.3	26.0	31.6	38.2	101	110,354	4.19	4.14	...	...	...	...	...	...	...	...	
All livestock farms.....	545	3.6	58.4	57.1	49.4	141	174,203	5.11	3.61	1	(Z)	50.0	84.3	50.5	3,043	270	5.87	
General crop and livestock farms.....	145	8.0	15.5	11.3	12.4	111	39,551	4.60	4.15	1	(Z)	50.0	15.7	49.5	578	45	1.00	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 2a.....	1,318	8.0	100.0	100.0	100.0	43	542,556	1.83	4.28	...	...	...	...	...	...	...	...	
All crop farms.....	995	8.6	75.5	80.1	88.5	39	447,408	1.70	4.41	...	...	...	...	...	...	...	...	
All livestock farms.....	256	4.9	19.4	16.0	9.4	73	74,417	2.67	3.68	...	...	...	...	...	...	...	...	
General crop and livestock farms.....	57	7.7	4.3	3.8	2.1	79	20,581	3.32	4.23	...	...	...	...	...	...	...	...	
All other farms.....	10	60.0	0.8	(Z)	(Z)	400	150	10.00	2.50	...	...	...	...	...	...	...	...	
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	
All crop farms.....	592	1.5	55.5	52.7	74.3	54	201,835	2.23	4.12	...	...	...	...	...	...	...	...	
All livestock farms.....	344	2.4	32.2	35.0	19.0	141	132,509	5.73	4.06	1	(Z)	100.0	100.0	100.0	1,000	8	1.00	
General crop and livestock farms.....	130	4.4	12.2	12.3	6.7	139	46,180	5.63	4.05	...	...	...	...	...	...	...	...	
All other farms.....	1	5.1	0.1	(Z)	(Z)	57	51	1.46	2.55	...	...	...	...	...	...	...	...	
Area 3a.....	1,025	5.5	100.0	100.0	100.0	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...	
All crop farms.....	437	5.3	42.6	57.0	52.7	217	264,076	9.29	4.28	...	...	...	...	...	...	...	...	
All livestock farms.....	356	4.8	34.7	24.0	29.0	166	106,385	6.80	4.09	...	...	...	...	...	...	...	...	
General crop and livestock farms.....	232	8.0	22.6	19.0	18.3	208	89,218	9.02	4.33	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	192	6.2	42.2	55.2	53.7	143	112,991	5.68	3.96	...	...	...	...	...	...</			

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 6.-USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954-Continued

State, economic area, and type of farm	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 cent. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed	
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	
All crop farms.....	16,475	13.7	39.2	41.4	42.9	141	9,034,509	7.07	5.02	2,406	0.7	41.0	41.7	42.0	3,580	539,245	8.07	
All livestock farms.....	19,466	12.1	46.4	46.5	45.1	151	9,784,882	7.29	4.84	2,771	0.7	47.2	46.6	47.5	3,533	605,167	8.00	
General crop and livestock farms...	6,012	13.9	14.3	12.1	12.0	147	2,552,292	7.18	4.87	691	0.7	11.8	11.7	10.5	4,004	130,367	7.81	
All other farms.....	31	3.3	0.1	(2)	(2)	1,413	5,871	78.28	5.54	...	...	...	...	...	...	...	...	
Area 1.....	1,392	1.9	100.0	100.0	100.0	135	404,108	5.82	4.30	35	(2)	100.0	100.0	100.0	2,217	6,114	7.70	
All crop farms.....	168	3.6	12.1	17.0	20.7	111	85,992	5.98	5.38	5	(2)	14.3	10.2	6.3	3,600	490	9.80	
All livestock farms.....	971	1.5	69.8	64.4	66.3	132	238,832	5.19	3.94	25	(2)	71.4	78.4	84.3	2,063	4,874	7.29	
General crop and livestock farms...	252	3.8	18.1	18.5	13.0	192	79,138	8.75	4.55	5	(2)	14.3	11.4	9.4	2,667	750	10.00	
All other farms.....	1	0.9	0.1	(2)	(2)	400	146	14.60	3.65	...	...	...	...	...	...	...	...	
Area 2.....	1,884	3.0	100.0	100.0	100.0	188	792,336	8.41	4.47	1	(2)	100.0	100.0	100.0	1,000	2	1.00	
All crop farms.....	868	1.9	46.1	40.6	42.7	179	325,343	8.09	4.52	1	(2)	100.0	100.0	100.0	1,000	2	1.00	
All livestock farms.....	491	3.9	26.1	32.2	30.3	200	250,225	8.76	4.39	...	...	...	...	...	...	...	...	
General crop and livestock farms...	525	11.2	27.9	27.3	27.0	190	216,768	8.52	4.49	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,461	17.6	31.5	39.0	37.6	160	1,098,145	9.12	5.70	6	(2)	6.9	6.3	9.4	1,854	1,070	5.22	
All livestock farms.....	2,269	8.9	49.0	44.3	45.7	149	1,180,095	8.05	5.39	55	0.1	63.2	84.8	79.0	2,966	9,593	5.59	
General crop and livestock farms...	895	12.5	19.3	16.6	16.7	153	447,941	8.38	5.46	26	0.1	29.9	8.9	11.6	2,120	1,672	6.66	
All other farms.....	10	100.0	0.2	0.1	(2)	2,500	1,500	75.00	3.00	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,267	14.8	18.3	17.0	18.0	133	527,161	6.34	4.77	172	0.8	23.0	20.3	19.3	2,964	40,807	9.03	
All livestock farms.....	4,642	16.9	66.9	69.9	67.9	145	2,245,248	7.17	4.95	545	1.0	73.0	76.0	77.5	2,758	137,752	7.59	
General crop and livestock farms...	1,025	15.0	14.8	13.1	14.0	131	398,691	6.17	4.70	30	0.2	4.0	3.7	3.2	3,219	5,730	7.59	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,693	7.4	54.9	51.8	53.8	143	875,911	7.12	4.99	30	0.1	32.3	25.1	41.4	1,739	7,060	4.61	
All livestock farms.....	1,033	9.4	33.5	39.4	37.1	157	681,445	8.02	5.10	53	0.2	57.0	71.0	55.8	3,650	17,990	8.72	
General crop and livestock farms...	352	6.7	11.4	8.8	9.0	144	149,064	7.22	5.01	10	(2)	10.8	3.9	2.8	3,905	1,400	13.33	
All other farms.....	5	66.7	0.2	0.1	(2)	2,000	750	75.00	3.75	...	...	...	...	...	...	...	...	
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	
All crop farms.....	5,058	21.4	61.9	65.0	64.7	128	2,869,096	6.73	5.25	877	1.2	56.6	56.7	56.7	3,815	238,460	9.84	
All livestock farms.....	2,042	26.1	25.0	24.8	24.7	128	1,094,134	6.72	5.24	487	2.1	31.4	29.3	30.9	3,617	110,905	8.39	
General crop and livestock farms...	1,061	18.7	13.0	10.2	10.5	124	457,440	6.60	5.34	185	1.4	11.9	14.0	12.4	4,311	46,205	8.71	
All other farms.....	10	1.5	0.1	(2)	(2)	1,600	475	47.50	2.97	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,536	24.4	23.5	28.4	28.7	164	980,391	7.29	4.43	173	1.4	32.1	36.7	43.2	2,615	59,295	7.75	
All livestock farms.....	4,389	21.5	67.2	62.0	62.4	164	2,197,853	7.51	4.56	331	0.7	61.4	59.2	53.3	3,415	102,083	10.81	
General crop and livestock farms...	606	20.4	9.3	9.6	8.9	178	334,475	7.98	4.48	35	0.3	6.5	4.1	3.4	3,639	6,575	10.78	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	4,424	24.9	47.3	47.8	49.8	139	2,272,470	6.78	4.88	1,142	2.1	40.5	40.6	41.8	3,847	192,061	6.70	
All livestock farms.....	3,629	27.8	38.8	41.7	39.6	152	1,897,050	7.12	4.67	1,275	3.2	45.3	45.3	44.2	4,054	221,970	7.32	
General crop and livestock farms...	1,296	20.1	13.9	10.4	10.6	143	468,775	6.59	4.61	400	2.7	14.2	14.1	14.0	3,980	68,095	7.09	
All other farms.....	5	7.5	0.1	(2)	(2)	640	3,000	120.00	18.75	...	...	...	...	...	...	...	...	
Nevada, total (Area 1).....	381	3.4	100.0	100.0	100.0	226	252,529	8.89	3.92	6	(2)	100.0	100.0	100.0	7,647	615	36.18	
All crop farms.....	58	30.1	15.2	39.5	27.7	323	105,445	13.40	4.15	...	...	...	...	...	...	...	...	
All livestock farms.....	261	2.0	68.5	45.2	53.7	191	103,290	6.78	3.55	6	(2)	100.0	100.0	100.0	7,647	615	36.18	
General crop and livestock farms...	62	8.2	16.3	15.3	18.6	186	43,794	8.27	4.45	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	222	61.8	9.1	33.2	18.7	915	257,325	22.22	2.43	105	14.1	10.5	20.8	17.8	2,663	17,305	6.55	
All livestock farms.....	1,925	17.9	78.8	60.2	72.6	428	491,135	10.94	2.55	817	4.4	82.0	74.0	74.0	2,275	70,061	6.38	
General crop and livestock farms...	103	16.6	4.2	4.6	6.2	389	48,692	12.80	3.28	26	2.2	2.6	3.1	3.4	2,040	3,496	6.92	
All other farms.....	194	13.1	7.9	1.9	2.6	386	12,900	8.10	2.10	48	5.9	4.8	2.2	4.8	1,020	1,716	2.41	
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	
All crop farms.....	76	75.3	6.7	41.5	22.3	1,110	192,450	125.89	2.33	40	11.8	10.1	24.9	19.1	3,310	8,355	7.20	
All livestock farms.....	933	19.5	82.1	51.6	68.3	451	253,011	11.12	2.47	331	3.8	83.4	68.8	73.1	2,386	27,962	6.29	
General crop and livestock farms...	55	20.0	4.8	5.6	8.6	387	33,450	11.74	3.03	20	2.9	5.0	5.4	6.9	2,000	2,975	7.08	
All other farms.....	72	4.2	6.3	1.4	0.8	1,042	6,058	23.21	2.23	6	0.9	1.5	0.8	0.9	2,291	336	6.11	
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	
All crop farms.....	146	46.8	11.2	19.5	14.5	567	64,875	15.63	2.76	65	16.7	10.9	17.4	16.9	2,155	8,950	6.05	
All livestock farms.....	992	16.5	75.8	74.5	77.5	405	238,124	10.76	2.65	486								

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 owt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed	
New Jersey—Continued																		
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	
All crop farms.....	1,571	72.0	26.6	43.9	29.4	902	2,112,300	22.08	2.45	600	15.7	22.5	24.6	35.2	1,186	119,195	5.73	
All livestock farms.....	3,530	44.5	59.8	45.2	62.0	440	2,175,376	10.77	2.45	1,767	7.4	66.4	65.9	57.2	1,960	268,581	7.96	
General crop and livestock farms...	298	62.2	5.0	6.8	6.4	633	333,435	15.90	2.51	128	9.7	4.8	6.8	5.6	2,095	27,390	8.36	
All other farms.....	502	54.6	8.5	4.1	2.1	1,163	224,505	32.26	2.77	166	9.3	6.2	2.7	2.0	2,280	18,025	15.28	
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	
All crop farms.....	2,725	72.4	55.8	72.8	59.4	1,216	4,901,796	30.75	2.53	1,168	16.2	45.7	57.3	58.7	1,857	283,671	7.95	
All livestock farms.....	1,671	54.7	34.2	21.2	33.8	624	1,415,870	15.62	2.50	1,166	13.2	45.6	37.2	36.1	1,960	232,525	10.59	
General crop and livestock farms...	259	61.0	5.3	4.3	5.5	783	289,530	19.61	2.50	146	10.4	5.7	4.5	4.1	2,060	37,160	14.75	
All other farms.....	225	54.0	4.6	1.6	1.3	1,238	111,625	31.76	2.56	75	9.0	2.9	1.0	1.0	2,034	5,115	8.74	
New Mexico, total.....	2,927	10.5	100.0	100.0	100.0	247	2,359,323	10.24	4.14	2	(2)	100.0	100.0	100.0	2,966	3,602	11.22	
All crop farms.....	2,115	19.5	72.3	85.8	81.0	262	2,030,501	10.88	4.16	1	(2)	50.0	99.8	99.7	2,969	3,600	11.25	
All livestock farms.....	455	2.3	15.5	8.4	10.7	195	196,653	7.99	4.10	1	(2)	50.0	0.2	0.3	2,000	2	2.00	
General crop and livestock farms...	337	12.4	11.5	5.8	8.3	173	131,119	6.88	3.98	...	...	...	...	...	...	...	...	
All other farms.....	20	1.9	0.7	(2)	(2)	550	1,050	26.25	4.77	...	...	...	...	...	...	...	...	
Area 1a.....	349	14.3	100.0	100.0	100.0	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...	
All crop farms.....	73	14.9	20.9	33.1	20.9	241	33,230	10.81	4.48	...	...	...	...	...	...	...	...	
All livestock farms.....	114	8.7	32.7	31.6	38.9	124	29,396	5.13	4.14	...	...	...	...	...	...	...	...	
General crop and livestock farms...	147	35.3	42.1	34.8	39.9	133	28,755	4.90	3.69	...	...	...	...	...	...	...	...	
All other farms.....	15	17.5	4.3	0.5	0.2	343	800	22.86	6.67	...	...	...	...	...	...	...	...	
Area 1b.....	126	4.8	100.0	100.0	100.0	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...	
All crop farms.....	56	5.4	44.4	22.9	17.6	198	6,400	7.38	3.72	...	...	...	...	...	...	...	...	
All livestock farms.....	36	3.0	28.6	44.4	47.8	142	14,998	6.38	4.49	...	...	...	...	...	...	...	...	
General crop and livestock farms...	34	20.0	27.0	32.7	34.6	144	12,136	7.13	4.94	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 2.....	549	1.5	100.0	100.0	100.0	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...	
All crop farms.....	248	2.2	45.2	49.3	50.4	191	99,999	8.87	4.64	...	...	...	...	...	...	...	...	
All livestock farms.....	169	0.8	30.8	31.4	29.9	205	53,154	7.94	3.88	...	...	...	...	...	...	...	...	
General crop and livestock farms...	132	3.8	24.0	19.3	19.7	192	40,154	9.13	4.76	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	1,738	41.8	91.3	92.3	91.0	267	1,890,872	11.03	4.13	1	0.1	50.0	99.8	99.7	2,969	3,600	11.25	
All livestock farms.....	136	10.8	7.1	4.8	5.2	242	99,105	10.08	4.16	1	(2)	50.0	0.2	0.3	2,000	2	2.00	
General crop and livestock farms...	24	51.9	1.3	2.9	3.8	201	50,054	7.08	3.52	...	...	...	...	...	...	...	...	
All other farms.....	5	0.8	0.3	(2)	(2)	2,000	250	50.00	2.50	...	...	...	...	...	...	...	...	
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	
All crop farms.....	9,915	58.9	17.7	42.1	26.2	733	10,994,355	19.21	2.62	2,339	5.5	9.8	10.6	14.2	2,243	458,728	8.56	
All livestock farms.....	41,158	24.4	73.4	48.7	64.6	344	12,686,446	9.00	2.61	19,996	5.3	83.9	84.7	81.1	3,129	3,000,166	9.82	
General crop and livestock farms...	3,603	38.3	6.4	8.1	8.7	423	2,218,585	11.70	2.77	1,097	3.2	4.6	4.3	4.2	3,066	157,042	9.90	
All other farms.....	1,412	19.4	2.5	1.1	0.5	997	347,829	32.72	3.28	398	3.1	1.7	0.3	0.5	2,324	17,702	10.43	
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	
All crop farms.....	3,409	58.1	39.9	52.3	44.4	528	2,582,670	14.23	2.70	626	3.6	28.7	30.6	27.7	3,119	102,262	9.00	
All livestock farms.....	3,753	32.9	43.9	31.8	40.2	354	1,508,822	9.18	2.59	1,187	5.0	54.4	58.1	61.1	2,691	181,245	7.24	
General crop and livestock farms...	1,168	47.5	13.7	14.9	14.7	454	794,974	13.25	2.92	332	3.5	15.2	10.9	10.8	2,855	36,525	8.28	
All other farms.....	217	29.6	2.5	1.0	0.8	586	48,520	15.49	2.64	35	1.7	1.6	0.4	0.5	2,757	2,310	12.49	
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	
All crop farms.....	1,908	56.2	26.3	30.2	26.7	418	1,350,176	11.21	2.68	272	2.3	15.6	14.0	16.4	2,738	50,320	10.26	
All livestock farms.....	4,296	43.6	59.2	52.4	57.1	340	2,276,673	8.83	2.60	1,281	3.6	73.4	74.5	71.4	3,340	226,526	10.60	
General crop and livestock farms...	982	52.5	13.5	17.0	16.0	393	750,765	10.38	2.64	192	2.6	11.0	11.4	12.0	3,025	38,750	10.76	
All other farms.....	66	21.1	0.9	0.4	0.2	791	43,795	47.09	5.95	1	1.1	0.1	0.1	0.2	1,000	125	2.50	
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	
All crop farms.....	701	43.7	12.7	22.3	15.8	514	334,015	14.53	2.83	221	6.2	7.6	7.6	8.5	3,000	33,670	10.27	
All livestock farms.....	4,571	26.2	82.7	74.4	80.4	336	1,018,858	8.69	2.58	2,540	7.7	87.4	89.3	88.4	3,396	426,552	12.45	
General crop and livestock farms...	207	21.2	3.7	3.1	3.7	304	43,315	7.97	2.62	131	4.6	4.5	2.8	3.1	3,105	12,630	10.66	
All other farms.....	45	7.4	0.8	0.2	0.1	409	2,755	12.81	3.13	15	1.7	0.5	0.3	0.1	8,200	1,640	32.80	
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	
All crop farms.....	527	50.1	12.3	37.4	19.7	810	821,278	22.02	2.72	205	9.1	8.9	10.2	14.9	1,950	55,639	8.20	
All livestock farms.....	3,406	29.7	79.8	55.0	73.7	319	1,182,888	8.48	2.66	1,985	7.8	85.7	85.3	80.3	3,023	386,732	10.57	
General crop and livestock farms...	280	33.0	6.6	6.7	6.4	449	140,040	11.65	2.59	120	5.8	5.2	4.2	4.6	2,583	17,380	8.24	
All other farms.....	55	32.0	1.3	0.9	0.3	1,273	25,630	47.03	3.69	5	4.7	0.2	0.3	0.2	4,375	1,575	19.69	
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	
All crop farms.....	1,012	60.4	16.2	27.8	21.5	487	808,380	13.70	2.81	109	6.1	5.0	6.0	16.6				

2 Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed	
New York—Continued																		
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	
All crop farms.....	78	49.5	1.4	10.2	4.6	810	153,740	22.82	2.82	37	7.1	0.9	1.5	1.8	2,523	20,340	21.12	
All livestock farms.....	5,519	18.6	96.3	87.6	93.8	339	1,214,261	8.79	2.59	3,879	6.9	97.4	97.1	96.9	3,156	524,127	10.21	
General crop and livestock farms...	103	9.2	1.8	1.9	1.4	473	22,918	10.84	2.29	57	2.6	1.4	1.4	1.1	3,776	6,747	11.26	
All other farms.....	33	5.3	0.6	0.3	0.2	491	3,258	10.12	2.06	8	1.0	0.2	0.1	0.1	3,355	502	8.10	
Area 7.....																		
All crop farms.....	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	
All livestock farms.....	123	39.1	2.2	9.2	4.7	717	145,217	23.54	3.28	30	4.3	1.7	1.6	2.5	1,733	3,495	5.18	
All livestock farms.....	5,422	11.8	94.9	88.5	93.1	353	1,137,179	9.39	2.66	1,641	2.5	95.5	96.6	96.0	2,687	154,904	5.98	
General crop and livestock farms...	120	7.4	2.1	1.8	1.8	380	22,545	9.63	2.53	35	1.1	2.0	1.5	1.3	3,118	1,825	5.37	
All other farms.....	49	7.0	0.9	0.5	0.4	462	5,691	11.22	2.43	12	1.0	0.7	0.3	0.3	3,143	383	5.47	
Areas 8 and F.....																		
All crop farms.....	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	
All crop farms.....	210	51.8	6.3	14.0	9.5	543	122,190	14.19	2.61	80	9.0	5.2	3.1	7.5	1,369	8,700	5.78	
All livestock farms.....	2,917	18.0	86.9	78.8	85.3	340	684,400	8.86	2.61	1,393	4.2	90.7	93.5	89.0	3,514	172,920	9.70	
General crop and livestock farms...	142	16.8	4.2	4.3	4.1	386	36,465	9.87	2.55	46	3.0	3.0	3.3	3.3	3,269	7,445	11.11	
All other farms.....	89	21.4	2.7	2.9	1.1	955	20,480	20.12	2.11	16	0.8	1.0	0.2	0.2	2,718	632	16.21	
Area 9.....																		
All crop farms.....	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	
All crop farms.....	964	60.3	23.3	36.6	29.8	563	714,320	15.16	2.69	357	10.4	12.6	15.5	16.2	2,961	80,490	9.91	
All livestock farms.....	2,975	20.9	72.0	60.3	68.1	406	1,154,688	10.71	2.64	2,391	7.9	84.6	81.7	81.4	3,116	430,104	10.55	
General crop and livestock farms...	101	12.9	2.4	1.5	1.8	403	30,860	11.12	2.76	56	5.0	2.0	2.8	2.1	4,019	14,690	13.73	
All other farms.....	92	9.2	2.2	1.5	0.4	1,760	42,220	67.55	3.84	21	1.9	0.7	0.1	0.3	763	500	3.82	
Area G.....																		
All crop farms.....	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	
All crop farms.....	857	89.3	50.2	94.9	88.8	2,206	3,647,294	53.52	2.43	346	9.3	50.2	68.5	79.7	1,181	67,905	9.57	
All livestock farms.....	184	29.1	10.8	2.0	7.4	559	76,366	13.40	2.40	87	4.7	12.6	19.4	10.5	2,548	10,390	11.17	
General crop and livestock farms...	16	28.3	0.9	0.5	0.8	1,310	37,075	59.80	4.57	1	4.1	0.1	1.5	1.0	2,000	630	7.00	
All other farms.....	651	59.5	38.1	2.6	3.0	1,794	136,490	59.84	3.34	255	20.5	37.0	10.7	8.8	1,669	7,585	9.66	
North Carolina, total.....																		
All crop farms.....	147,021	72.7	84.3	79.5	74.0	631	51,982,486	16.00	2.50	21,505	4.1	100.0	100.0	100.0	1,867	1,631,910	6.23	
All livestock farms.....	16,583	59.4	9.5	11.2	15.3	428	6,719,308	10.00	2.33	13,199	2.6	61.4	39.1	44.1	1,656	721,443	6.25	
General crop and livestock farms...	9,457	67.6	5.4	8.6	9.9	512	5,365,274	12.40	2.42	5,480	8.7	25.5	43.0	37.8	2,123	624,355	6.30	
All other farms.....	1,413	53.1	0.8	0.7	0.8	509	450,417	12.14	2.39	2,539	6.8	11.8	16.0	16.5	1,803	257,039	5.93	
Areas 1 and A.....																		
All crop farms.....	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	
All crop farms.....	8,106	41.2	63.3	56.0	47.9	648	1,068,750	15.49	2.39	1,475	5.4	43.5	32.5	29.4	2,629	34,828	3.83	
All livestock farms.....	3,511	33.6	27.4	33.6	40.8	457	594,005	10.10	2.21	1,480	10.6	43.7	54.9	59.9	2,176	72,822	3.94	
General crop and livestock farms...	940	39.8	7.3	9.6	10.1	527	175,934	12.09	2.29	368	8.0	10.9	11.9	9.5	2,975	12,983	4.42	
All other farms.....	243	25.1	1.9	0.8	1.1	381	15,308	9.50	2.49	66	5.7	1.9	0.7	1.2	1,339	753	2.07	
Area 2.....																		
All crop farms.....	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	
All crop farms.....	1,321	51.8	47.6	40.7	41.3	409	232,333	9.32	2.28	175	3.0	28.9	18.9	19.5	2,239	9,275	6.33	
All livestock farms.....	1,138	54.3	41.0	42.7	42.4	418	235,763	9.21	2.20	321	9.4	53.0	51.0	59.0	1,993	15,398	3.48	
General crop and livestock farms...	177	58.5	6.4	12.4	10.9	471	57,450	8.72	1.85	55	7.6	9.1	17.2	11.3	3,506	5,040	5.93	
All other farms.....	142	45.6	5.1	4.3	5.3	338	23,055	7.22	2.14	55	10.9	9.1	12.8	10.2	2,915	9,361	12.27	
Areas 3, B, and C.....																		
All crop farms.....	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	
All crop farms.....	26,853	57.5	91.2	83.3	76.0	640	6,441,674	15.80	2.47	1,752	1.7	66.6	41.8	43.4	2,033	78,301	6.54	
All livestock farms.....	1,864	64.5	6.3	13.1	19.0	404	988,987	9.72	2.41	687	8.8	26.1	52.8	50.0	2,226	91,399	6.62	
General crop and livestock farms...	515	60.1	1.7	2.9	4.1	410	208,062	9.36	2.28	167	4.2	6.3	4.6	5.7	1,688	8,275	5.26	
All other farms.....	219	43.2	0.7	0.7	0.9	499	53,045	11.60	2.32	26	2.5	1.0	0.9	0.9	2,000	1,595	6.13	
Area 4a.....																		
All crop farms.....	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	
All crop farms.....	3,102	55.6	53.2	41.4	35.2	490	702,132	11.73	2.39	292	2.7	29.2	14.0	17.9	1,674	16,170	5.58	
All livestock farms.....	2,071	55.3	35.5	43.8	49.1	371	697,945	8.35	2.25	535	6.4	53.4	64.2	59.2	2,304	71,580	7.45	
General crop and livestock farms...	551	57.3	9.4	13.5	14.3	395	223,353	9.20	2.33	162	8.3	16.2	19.8	21.6	1,949	19,885	5.67	
All other farms.....	109	43.1	1.9	1.3	1.4	389	20,385	8.45	2.17	12	3.8	1.2	2.0	1.3	3,308	1,432	6.79	
Area 4b.....																		
All crop farms.....	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	
All crop farms.....	2,163	63.1	42.0	28.8	29.7	354	619,300	8.20	2.32	366	4.3	22.6	13.7	15.1	1,858	31,335	6.08	
All livestock farms.....	1,762	71.5	34.2	47.8	46.7	373	997,513	8.39	2.25	798	12.1	49.3	60.1	58.8	2,093	151,710	7.54	
General crop and livestock farms...	1,129	61.9	21.9	22.3	22.5	362	459,579	8.03	2.22	434	9.5	26.8	25.4	25.6	2,032	58,949	6.73	
All other farms.....	95	49.0	1.8	1.1	1.1	362	23,440	8.14	2.25	20	3.3	1.2	0.9	0.6	3,077	1,320	6.77	
Areas 5 and D.....																		
All crop farms.....	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	
All crop farms.....	7,105	75.6	67.9	55.8	53.3	464	2,089,072	10.14	2.18	516	2.3	33.5	25.5	24.9	2,167	36,357	5.91	
All livestock farms.....	2,198	68.3	21.0	28.9	31.3	410	1,092,319	9.04	2.20	742	7.5	48.1	56.					

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 cent. 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	
All crop farms.....	26,028	84.3	96.2	94.1	93.1	693	11,685,775	18.08	2.61	1,586	1.5	89.1	65.0	74.2	1,064	66,653	5.89	
All livestock farms.....	522	67.5	1.9	2.1	2.9	481	254,970	12.50	2.60	108	4.6	6.1	14.4	9.0	1,939	9,379	6.80	
General crop and livestock farms...	438	67.8	1.6	3.4	3.7	643	405,625	16.00	2.49	86	6.8	4.8	20.6	16.8	1,492	13,360	5.22	
All other farms.....	60	85.5	0.2	0.4	0.3	935	42,605	20.63	2.21	...	(2)	...	...	...	...	...	...	
Area 9.....																		
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	
All crop farms.....	12,230	77.6	89.2	85.3	82.6	597	4,867,789	14.75	2.47	631	1.5	76.4	60.8	64.0	1,553	40,991	6.53	
All livestock farms.....	672	63.2	4.9	5.4	7.1	441	325,431	11.50	2.61	89	4.1	10.8	17.2	18.7	1,508	11,780	6.44	
General crop and livestock farms...	727	67.8	5.3	9.0	9.9	524	514,644	12.97	2.47	95	2.8	11.5	21.6	16.9	2,089	16,482	9.95	
All other farms.....	78	45.4	0.6	0.3	0.3	535	17,474	12.61	2.35	11	1.3	1.3	0.4	0.4	1,500	390	9.75	
Area 10.....																		
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	150,366	7.17	
All crop farms.....	3,705	78.5	85.7	75.5	79.2	559	2,230,621	14.21	2.54	683	8.2	75.1	76.6	78.0	1,820	115,793	7.09	
All livestock farms.....	267	67.9	6.2	4.8	5.0	565	132,975	13.45	2.38	109	13.2	12.0	9.9	9.1	2,010	14,908	7.78	
General crop and livestock farms...	325	80.9	7.5	18.8	15.0	736	526,085	17.71	2.41	103	6.1	11.3	11.0	10.6	1,922	15,780	7.08	
All other farms.....	26	82.1	0.6	0.8	0.8	628	21,790	14.50	2.31	15	26.0	1.6	2.4	2.3	2,000	3,825	8.05	
Area 11.....																		
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	
All crop farms.....	19,148	77.4	92.3	87.6	85.9	695	7,666,685	18.40	2.65	2,936	3.8	87.6	59.3	65.3	1,428	150,051	7.35	
All livestock farms.....	960	58.2	4.6	6.6	7.7	578	544,854	14.53	2.51	259	8.8	7.7	24.3	18.1	2,109	48,889	8.65	
General crop and livestock farms...	566	68.1	2.7	5.2	5.8	612	453,090	16.15	2.64	140	11.4	4.2	14.7	15.0	1,539	29,695	6.34	
All other farms.....	79	55.7	0.4	0.7	0.6	710	56,890	18.69	2.63	17	8.9	0.5	1.8	1.6	1,766	3,728	7.66	
North Dakota, total.....																		
North Dakota, total.....	9,924	6.0	100.0	100.0	100.0	64	4,509,111	2.69	4.18	13	(2)	100.0	100.0	100.0	857	166	1.19	
All crop farms.....	7,831	7.2	78.9	84.3	86.0	63	3,801,703	2.64	4.18	10	(2)	76.9	91.7	96.4	815	150	1.11	
All livestock farms.....	1,041	2.7	10.5	7.7	7.1	70	345,130	2.91	4.16	2	(2)	15.4	3.3	1.4	2,000	6	3.00	
General crop and livestock farms...	997	3.5	10.0	8.0	6.9	74	360,078	3.10	4.20	1	(2)	7.7	5.0	2.1	2,000	10	3.33	
All other farms.....	55	4.2	0.6	0.1	(2)	831	2,200	33.85	4.07	...	(2)	...	...	...	...	...	...	
Area 1.....																		
Area 1.....	537	1.1	100.0	100.0	100.0	73	165,042	3.09	4.24	3	(2)	100.0	100.0	100.0	2,000	16	3.20	
All crop farms.....	282	1.2	52.5	50.4	61.8	60	80,192	2.43	4.08	...	(2)	...	...	...	...	...	...	
All livestock farms.....	177	1.0	33.0	34.2	27.7	90	57,359	3.88	4.31	2	(2)	66.7	40.0	40.0	2,000	6	3.00	
General crop and livestock farms...	78	0.7	14.5	15.4	10.4	108	27,491	4.94	4.58	1	(2)	33.3	60.0	60.0	2,000	10	3.33	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 2a.....																		
Area 2a.....	313	1.1	100.0	100.0	100.0	50	74,898	1.99	3.97	...	...	...	...	...	...	...	...	
All crop farms.....	268	1.1	85.6	79.4	88.4	45	60,565	1.82	4.04	...	...	...	...	...	...	...	...	
All livestock farms.....	26	0.9	8.3	15.8	6.7	118	10,519	4.17	3.53	...	...	...	...	...	...	...	...	
General crop and livestock farms...	19	0.9	6.1	4.8	4.9	49	3,814	2.06	4.24	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 2b.....																		
Area 2b.....	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...	
All crop farms.....	63	0.3	52.9	54.2	54.2	51	8,252	2.00	3.97	...	...	...	...	...	...	...	...	
All livestock farms.....	24	0.4	20.2	24.5	29.3	42	3,888	1.75	4.14	...	...	...	...	...	...	...	...	
General crop and livestock farms...	32	0.3	26.9	21.4	16.6	65	3,319	2.64	4.05	...	...	...	...	...	...	...	...	
All other farms.....	...	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 3a.....																		
Area 3a.....	2,359	6.1	100.0	100.0	100.0	43	858,356	1.99	4.61	10	(2)	100.0	100.0	100.0	815	150	1.11	
All crop farms.....	2,000	6.9	84.8	86.1	88.2	42	746,890	1.96	4.66	10	(2)	100.0	100.0	100.0	815	150	1.11	
All livestock farms.....	206	3.6	8.7	7.9	6.8	50	63,146	2.14	4.28	...	...	...	...	...	...	...	...	
General crop and livestock farms...	153	3.1	6.5	6.0	4.9	53	48,320	2.29	4.35	...	...	...	...	...	...	...	...	
All other farms.....	...	(2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 3b.....																		
Area 3b.....	1,411	5.0	100.0	100.0	100.0	53	481,925	2.30	4.33	...	...	...	...	...	...	...	...	
All crop farms.....	1,025	5.5	72.6	79.0	80.4	52	380,136	2.25	4.32	...	...	...	...	...	...	...	...	
All livestock farms.....	162	3.9	11.5	11.3	10.1	59	54,707	2.59	4.36	...	...	...	...	...	...	...	...	
General crop and livestock farms...	224	3.5	15.9	9.7	9.5	54	47,082	2.36	4.37	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 3c.....																		
Area 3c.....	960	4.4	100.0	100.0	100.0	71	265,223	2.89	4.06	...	...	...	...	...	...	...	...	
All crop farms.....	609	5.5	63.4	67.8	70.0	69	181,049	2.82	4.09	...	...	...	...	...	...	...	...	
All livestock farms.....	243	3.9	25.3	24.9	21.7	82	63,109	3.17	3.88	...	...	...	...	...	...	...	...	
General crop and livestock farms...	108	2.0	11.2	7.3	8.2	63	21,065	2.78	4.41	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 4.....																		
Area 4.....	4,225	23.6	100.0	100.0	100.0	77	2,648,208	3.13	4.05	...	...	...	...	...	...	...	...	
All crop farms.....	3,584	24.7	84.8	88.7	89.7	76	2,344,619	3.09	4.05	...	...	...	...	...	...	...	...	
All livestock farms.....	203	12.0	4.8	3.4	3.4	78	92,402	3.24	4.17	...	...	...	...	...	...	...	...	
General crop and livestock farms...	383	21.1	9.1	7.9	7.0	87	208,987	3.55	4.07	...	...	...	...	...	...	...	...	
All other farms.....	55	39.4	1.3	0.1	(2)	831	2,200	33.85	4.07	...	...	...	...	...	...	...	...	
Ohio, total.....																		
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	
All crop farms.....	37,784	53.0	34.1	36.3	37.7	279	18,061,372	7.52	2.70	9,105	4.3	22.5	24.5	25.2	3,594	1,317,007	6.71	
All livestock farms.....	52,192	51.2	47.1	45.9	44.3	299	22,454,747	7.95	2.65	23,889	8.1	59.0	58.6	57.8	3,756	3,664,071	8.15	
General crop and livestock farms...	19,700	53.6	17.8	17.3	17.8	282	8,517,303	7.52	2.67	7,283	6.2	18.0	16.7	16.8	3,683	954,398	7.30	
All other farms.....	1,144	38.0	1.0	0.5	0.2	617	299,252	19.65	3.18	225	3.6	0.6	0.2	0.2	3,244	12,130	8.34	
Area 1 and A.....																		
Area 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	
All crop farms.....	10,298	48.4	62.3	58.0	60.2	262	4,773,759	7.15	2.73	1,894	2.7	59.1	61.7	60.3	2,848	218,238	5.94	
All livestock farms.....	3,081	63.8	18.6	21.4	20.5	284	1,813,746	7.97	2.80	721	4.1	22.5	24.8	24.2	2,844	85,860	5.82	
General crop and livestock farms...	3,071	58.5	18.6	19.9	19.1	285	1,624,140	7.68	2.70	585	2.6	18.3	13.5	15.5	2,421	52,930	5.62	
All other farms.....	86	59.3	0.5	0.7	0.3	714	77,165	26.77	3.75	5	0.4	0.2	(2)	(2)	1,500	75	3.75	

2 Less than 0.05

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed
Ohio—Continued																	
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
All crop farms.....	7,267	55.9	42.6	44.7	46.0	250	3,863,222	6.73	2.69	1,729	4.1	35.4	38.8	38.0	3,867	254,532	6.01
All livestock farms.....	6,032	56.9	35.3	35.0	33.4	270	3,044,811	7.30	2.70	1,964	6.2	40.3	39.7	40.9	3,676	269,974	5.92
General crop and livestock farms...	3,740	56.3	21.9	20.3	20.6	254	1,757,340	6.85	2.70	1,185	5.2	24.3	21.4	21.2	3,831	146,440	6.20
All other farms.....	30	16.0	0.2	(2)	(2)	419	2,250	21.43	5.11	...	...	...	...	...	...	...	...
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
All crop farms.....	8,270	59.3	35.7	33.1	34.1	268	4,419,028	7.32	2.73	1,348	3.4	26.6	27.6	25.8	4,112	256,727	7.42
All livestock farms.....	10,974	58.1	47.4	52.7	50.6	288	6,907,223	7.71	2.68	2,925	5.3	57.6	60.0	61.3	3,767	587,648	7.14
General crop and livestock farms...	3,792	59.2	16.4	14.0	15.2	254	1,849,075	6.89	2.71	796	3.8	15.7	12.4	12.8	3,716	121,736	7.07
All other farms.....	116	64.0	0.5	0.2	0.1	356	24,455	10.61	2.98	5	1.7	0.1	(2)	(2)	3,333	550	9.17
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
All crop farms.....	2,042	59.3	45.9	47.9	51.3	327	1,082,085	8.48	2.59	962	8.7	43.6	43.7	47.1	3,977	114,602	6.11
All livestock farms.....	1,528	48.5	34.4	32.6	32.6	350	688,005	8.48	2.42	886	9.1	40.2	39.8	38.2	4,465	120,465	7.92
General crop and livestock farms...	581	55.9	13.1	16.7	15.4	379	380,330	9.93	2.62	306	8.2	13.9	15.9	14.1	4,827	42,470	7.58
All other farms.....	295	37.8	6.6	2.8	0.8	1,300	70,475	36.99	2.85	50	4.8	2.3	0.6	0.6	4,125	2,670	11.12
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
All crop farms.....	1,410	53.2	17.0	19.2	17.3	339	672,695	9.48	2.80	595	6.5	11.2	10.8	9.8	4,096	83,790	9.65
All livestock farms.....	5,191	54.7	62.6	61.9	62.0	305	1,973,730	7.79	2.55	3,600	13.1	67.9	69.5	68.4	3,745	576,006	9.47
General crop and livestock farms...	1,641	55.3	19.8	18.6	20.2	283	609,876	7.39	2.61	1,091	13.0	20.6	19.5	21.8	3,294	157,784	8.11
All other farms.....	50	95.8	0.6	0.3	0.5	154	10,050	4.65	3.03	15	1.6	0.3	0.1	(2)	6,857	590	16.86
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
All crop farms.....	1,628	57.8	16.3	21.2	17.3	425	721,770	11.22	2.64	813	12.0	12.9	12.5	13.9	3,536	117,675	8.77
All livestock farms.....	7,064	48.4	70.6	68.4	72.4	329	2,279,050	8.48	2.58	4,733	13.0	75.3	77.9	75.2	4,078	725,730	10.03
General crop and livestock farms...	1,046	48.0	10.5	9.4	9.9	331	322,260	8.81	2.66	696	13.4	11.1	9.4	10.6	3,475	92,771	9.09
All other farms.....	261	33.6	2.6	1.0	0.4	942	48,695	35.57	3.77	45	7.2	0.7	0.2	0.3	2,441	2,545	8.63
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
All crop farms.....	1,562	53.7	23.7	22.5	23.8	286	682,150	7.61	2.67	412	7.9	16.1	18.8	22.1	2,951	79,963	6.02
All livestock farms.....	3,821	50.6	58.0	58.9	56.9	312	1,814,779	8.47	2.71	1,689	9.0	66.1	65.2	63.5	3,560	316,738	8.29
General crop and livestock farms...	1,196	54.2	18.2	18.5	19.2	290	541,680	7.50	2.58	456	6.5	17.8	16.0	14.4	3,863	69,342	8.01
All other farms.....	10	61.5	0.2	0.1	0.1	107	575	1.03	0.96	...	...	...	...	...	...	...	...
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
All crop farms.....	978	50.6	12.3	22.8	19.2	396	564,307	11.37	2.87	452	9.7	9.5	11.0	12.5	3,206	76,615	8.02
All livestock farms.....	5,724	35.4	71.9	62.7	65.2	320	1,434,480	8.49	2.65	3,543	11.6	74.7	72.1	72.4	3,633	491,258	8.90
General crop and livestock farms...	1,176	38.0	14.8	14.0	15.0	310	321,442	8.27	2.67	706	10.9	14.9	16.4	14.7	4,091	108,270	9.70
All other farms.....	81	13.8	1.0	0.6	0.6	331	13,767	8.82	2.67	45	2.6	0.9	0.4	0.4	3,828	2,360	8.14
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
All crop farms.....	2,751	38.8	34.0	29.6	28.9	322	862,403	8.09	2.52	563	4.4	20.1	19.4	19.0	3,952	70,675	5.89
All livestock farms.....	3,123	43.8	38.6	44.0	46.0	300	1,288,470	7.59	2.53	1,360	8.6	48.5	51.3	52.8	3,765	192,762	5.78
General crop and livestock farms...	2,095	41.7	25.9	25.4	24.8	322	751,872	8.22	2.55	856	8.1	30.5	29.3	28.2	4,026	103,330	5.80
All other farms.....	130	54.1	1.6	1.1	0.3	974	36,745	29.40	3.02	25	1.7	0.9	(2)	0.1	1,500	200	5.00
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
All crop farms.....	1,158	44.9	30.9	30.5	32.8	310	287,428	7.77	2.51	197	6.5	16.3	20.1	24.2	2,788	31,480	5.93
All livestock farms.....	1,973	32.9	52.7	53.4	51.8	344	549,078	9.40	2.73	774	7.6	64.2	62.9	61.3	3,457	106,093	7.90
General crop and livestock farms...	560	40.7	14.9	15.2	14.9	340	152,475	9.06	2.66	220	6.9	18.2	15.7	13.1	4,045	22,110	7.72
All other farms.....	55	14.8	1.5	0.9	0.5	612	8,785	15.28	2.50	15	8.1	1.2	1.3	1.4	3,016	1,635	5.19
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
All crop farms.....	420	47.6	8.5	13.2	11.0	447	132,525	11.88	2.66	140	6.8	6.2	5.5	6.4	3,138	12,710	7.99
All livestock farms.....	3,681	29.2	74.6	65.7	69.0	355	661,375	9.47	2.67	1,694	7.7	75.6	77.0	73.8	3,789	191,537	10.41
General crop and livestock farms...	802	36.8	16.3	20.4	19.4	392	206,813	10.53	2.69	386	9.0	17.2	17.0	19.2	3,218	37,215	7.78
All other farms.....	30	45.9	0.6	0.6	0.6	414	6,290	11.23	2.71	20	13.1	0.9	0.5	0.6	2,625	1,505	9.41
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
All crop farms.....	10,255	13.5	41.5	43.0	55.1	98	3,190,623	3.08	3.15	479	0.2	27.6	32.5	30.7	2,759	92,174	5.48
All livestock farms.....	10,130	13.5	41.0	41.4	31.9	162	2,540,001	4.23	2.61	1,035	0.7	59.7	58.8	59.8	2,566	141,540	4.32
General crop and livestock farms...	4,233	12.6	17.1	15.3	13.0	147	972,860	3.97	2.70	208	0.3	12.0	8.1	9.4	2,231	24,268	4.70
All other farms.....	117	25.9	0.5	0.3	0.1	687	27,474	23.89	3.48	11	1.7	0.6	0.6	0.1	12,000	1,410	18.80
Area 1.....	874	1.7	100.0	100.0	100.0	92	168,578	2.79	3.03	...	...	...	...	...	...	...	...
All crop farms.....	423	1.7	48.4	51.7	57.2	83	86,809	2.51	3.01	...	...	...	...	...	...	...	...
All livestock farms.....	264	1.5	30.2	28.8	26.5	100	49,837	3.12	3.11	...	...	...	...	...	...	...	...
General crop and livestock farms...	187	2.8	21.4	19.5	16.3	111	31,932	3.25	2.93	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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
All crop farms.....	3,452	19.5	73.4	79.1	83.8	74	1,301,817	2.74	3.70	289	0.4	78.3	86.9	86.6	2,873	65,787	6.38
All livestock farms.....	799	17.0	17.0	14.5	11.0	103	225,907	3.62	3.52	45	0.3	12.2	9.4	7.8	3,452	6,913	7.43
General crop and livestock farms...	449	14.2	9.5	6.3	5.2	95	94,422	3.19	3.38	35	0.3	9.5	3.6	5.6	1,851	2,465	3.68
All other farms.....	5	7.2	0.1	0.1	(2)	667	2,075	27.67	4.15	...	...	...	...	...	...	...	...
Areas 3 and A.....	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
All crop farms.....	670	46.0	23.2	32.8	37.5	140	346,807	3.73	2.66	79	1.4	20.0	19.9	19.7	2,902	10,639	3.84
All livestock farms.....	1,745	19.6	60.5	54.4	48.8	179	594,351	4.91	2.75	241	1.6	61.0	71.7	71.9	2,865	49,136	4.85
General crop and livestock farms...	445	24.4															

USE OF FERTILIZER AND LIME

Table 6.-USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954-Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed	
Oklahoma—Continued																		
Area 4.....	4,036	9.3	100.0	100.0	100.0	105	898,414	3.06	2.91	17	(2)	100.0	100.0	100.0	1,584	5,097	4.59	
All crop farms.....	2,406	9.4	59.6	60.7	68.1	94	573,772	2.87	3.06	1	(2)	5.9	1.6	2.3	1,120	82	3.28	
All livestock farms.....	751	10.8	18.6	18.6	14.7	133	154,178	3.57	2.68	5	(2)	29.4	28.4	11.3	4,000	1,000	8.00	
General crop and livestock farms...	879	7.8	21.8	20.7	17.3	126	170,464	3.36	2.67	11	0.1	64.7	70.0	86.5	1,281	4,015	4.18	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Areas 5 and B.....	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	
All crop farms.....	888	32.4	24.1	28.8	37.8	106	311,934	3.28	3.10	41	0.3	16.3	16.6	15.3	2,485	4,046	4.79	
All livestock farms.....	1,968	20.9	53.3	49.9	43.1	161	411,263	3.79	2.36	175	0.8	69.7	70.7	72.7	2,221	16,311	4.06	
General crop and livestock farms...	795	20.9	21.5	20.9	19.0	152	183,049	3.83	2.51	35	0.3	13.9	12.7	12.0	2,424	4,045	6.13	
All other farms.....	40	43.7	1.1	0.4	0.1	613	4,790	21.29	3.47	...	...	...	...	...	...	...	...	
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	
All crop farms.....	366	16.5	22.5	15.4	18.1	143	51,726	3.50	2.45	6	0.2	6.2	4.7	5.8	2,611	760	4.22	
All livestock farms.....	881	17.5	54.1	66.0	63.5	175	218,916	4.22	2.42	83	0.9	86.5	93.5	90.4	3,322	13,905	4.96	
General crop and livestock farms...	377	21.2	23.1	17.9	18.3	164	68,827	4.60	2.80	7	0.2	7.3	1.8	3.8	1,538	160	1.37	
All other farms.....	5	11.1	0.3	0.7	(2)	5,000	5,000	250.00	5.00	...	...	...	...	...	...	...	...	
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	
All crop farms.....	214	14.7	22.1	20.0	27.5	124	50,763	3.73	3.01	...	...	...	...	...	...	...	...	
All livestock farms.....	534	8.6	55.1	54.8	50.6	185	113,609	4.54	2.46	69	0.4	86.2	94.1	83.5	2,281	4,327	3.88	
General crop and livestock farms...	221	14.1	22.8	25.2	21.9	196	55,986	5.17	2.63	11	0.3	13.8	5.9	16.5	727	313	1.42	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	396	23.9	34.8	24.7	27.8	145	56,502	3.02	2.09	1	0.1	2.6	13.8	6.0	4,000	1,500	20.00	
All livestock farms.....	446	23.4	39.2	46.6	50.0	151	102,163	3.03	2.00	23	0.3	59.0	26.3	36.9	1,226	3,213	6.91	
General crop and livestock farms...	291	23.6	25.6	28.6	22.2	209	73,410	4.90	2.35	15	1.1	38.5	59.9	57.1	1,806	3,800	5.28	
All other farms.....	5	25.0	0.4	0.1	(2)	2,000	250	50.00	2.50	...	...	...	...	...	...	...	...	
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	
All crop farms.....	837	30.8	36.9	35.9	40.5	148	246,791	4.06	2.74	47	1.2	20.3	23.1	31.4	2,124	8,280	3.43	
All livestock farms.....	1,062	22.5	46.8	49.0	44.7	183	336,187	5.00	2.74	163	1.6	70.6	64.0	61.0	3,033	19,195	4.10	
General crop and livestock farms...	338	21.5	14.9	14.5	14.6	165	104,863	4.78	2.89	16	0.5	6.9	9.5	7.3	3,779	4,360	7.79	
All other farms.....	30	62.4	1.3	0.7	0.2	672	6,950	26.23	3.90	5	5.9	2.2	3.4	0.3	30,000	1,125	45.00	
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	
All crop farms.....	153	38.0	16.3	26.5	27.6	186	62,010	5.01	2.69	15	0.6	16.0	13.2	6.6	3,722	1,080	6.00	
All livestock farms.....	707	19.9	75.5	67.0	66.8	194	145,364	4.85	2.50	79	1.7	84.0	86.8	93.4	1,717	7,453	2.92	
General crop and livestock farms...	77	18.3	8.2	6.5	5.6	223	15,755	6.26	2.80	...	...	...	...	...	...	...	...	
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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	
All crop farms.....	450	27.0	28.1	26.7	27.1	184	101,690	5.40	2.93	...	...	...	...	...	...	...	...	
All livestock farms.....	973	16.0	60.7	59.5	60.2	185	188,228	4.51	2.44	152	2.3	94.4	96.3	98.0	1,912	20,087	3.40	
General crop and livestock farms...	174	16.9	10.8	13.6	12.6	203	48,250	5.53	2.72	8	0.2	5.0	2.8	1.5	3,667	560	6.22	
All other farms.....	7	6.2	0.4	0.1	0.1	320	274	5.48	1.71	1	3.7	0.6	0.9	0.5	3,333	250	8.33	
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	
All crop farms.....	7,728	25.9	44.2	52.2	53.3	221	6,364,152	9.35	4.22	475	0.3	34.7	29.9	34.5	2,594	90,853	12.52	
All livestock farms.....	5,299	12.1	30.3	16.3	17.6	209	1,598,273	7.11	3.40	553	0.4	40.4	36.7	31.4	3,508	108,921	16.52	
General crop and livestock farms...	3,663	44.8	21.0	29.9	28.1	241	3,240,221	9.04	3.75	290	0.9	21.2	30.2	32.5	2,794	112,706	16.52	
All other farms.....	793	16.0	4.5	1.5	1.0	332	172,519	13.11	3.95	51	0.4	3.7	3.3	1.7	5,891	9,466	27.12	
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	
All crop farms.....	181	31.6	17.2	11.1	8.7	379	26,965	14.90	3.93	5	0.7	3.3	0.3	3.1	500	80	2.00	
All livestock farms.....	700	11.3	66.5	73.5	78.3	278	153,671	9.43	3.40	123	0.7	81.5	78.3	84.6	5,137	27,236	25.10	
General crop and livestock farms...	48	23.9	4.6	5.1	8.2	185	11,175	6.54	3.54	2	0.4	1.3	1.7	2.1	4,519	680	25.19	
All other farms.....	124	7.6	11.8	10.2	4.8	631	26,415	26.52	4.21	21	1.0	13.9	19.7	10.1	10,769	5,390	41.46	
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	
All crop farms.....	201	51.0	17.5	39.2	26.1	364	177,425	12.71	3.50	10	0.4	9.5	10.3	7.5	3,818	1,125	10.23	
All livestock farms.....	757	25.3	65.9	51.1	62.9	197	185,297	5.51	2.80	87	0.9	82.9	76.5	80.7	2,610	13,094	11.00	
General crop and livestock farms...	101	27.2	8.8	5.4	6.2	210	19,497	5.86	2.79	6	0.9	5.7	5.6	7.3	2,131	846	7.91	
All other farms.....	89	16.2	7.8	4.3	4.8	221	15,615	6.14	2.78	2	0.4	1.9	7.5	4.5	4,537	1,551	23.15	
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	
All crop farms.....	3,797	48.2	54.1	59.3	48.3	350	1,869,055	13.76	3.93	336	1.2	45.3	41.4	44.4	2,942	53,136	15.14	
All livestock farms.....	1,551	29.6	22.1	13.5	18.4	210	411,823	7.98	3.81	241	1.6	32.5	39.2	35.1	3,526	43,413	15.64	
General crop and livestock farms...	1,276	46.8	18.2	24.3	31.6	220	815,134	9.19	4.18	149	0.8	20.1	19.0	19.2	3,135	26,678	16.29	
All other farms.....	395	27.7	5.6	2.8	1.7	467	97,120	19.91	4.26	16	0.6	2.2	0.4	1.4	972	964	9.01	
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	
All crop farms.....	1,085	50.3	32.5	28.2	27.4	243	846,862	9.82	4.05	110	1.9	34.5	28.4	35.4	2,258	32,626	10.21	
All livestock farms.....	923	27.9	27.6	10.9	12.9	199	301,122	7.43	3.73	94	0.9	29.5	17.4	14.0	3,494	23,937	18.86	
General crop and livestock farms...	1,187	63.0	35.5	60.1	58.5	242	1,651,440	8.99	3.71	113	1.6	35.4	53.3	50.2	2,990	83,207	18.33	
All other farms.....	146	18.7	4.4	0.8	1.2	157	21,755	5.84	3.71	2	0.2	0.6	0.9	0.4	6,514	1,461	41.74	
Area 3.....	1,392	17.9	100.0	100.0	100.0	81	1,635,120	5.04	6.26	11	(2)	100.0	100.0	100.0	960	136	5.44	
All crop farms.....	1,043	18.1	74.9	85.0	91.7	75	1,489,373	5.01	6.71	1	(2)	9.1	16.7	60.0	267	36	2.40	
All livestock farms.....	222	11.9	15.9	8.3	4.6	145	79,543	5.33	3.68	...	...	...	...	...	...	...	...	
General crop and livestock farms...	109	30.0	7.8	6.2	3.6	137	60,588	5.13	3.74	...	...	...	...	...	...	...	...	
All other farms.....	18	18.2	1.3	0.5	0.1	673	5,616	27.40	4.07	10	0.9	90.9	83.3	40.0	2,000	100	10.00	

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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—Continued																	
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
All crop farms.....	1,421	29.3	40.3	61.0	51.4	374	1,954,472	13.45	3.60	13	0.1	31.7	57.4	29.8	2,176	3,850	9.95
All livestock farms.....	1,146	6.0	32.5	16.7	23.9	220	466,817	6.90	3.14	8	(2)	19.5	16.0	21.2	851	1,241	4.51
General crop and livestock farms.....	942	26.6	26.7	22.1	24.4	284	682,387	9.87	3.47	20	0.2	48.8	26.6	49.0	614	3,295	5.19
All other farms.....	21	5.4	0.6	0.2	0.3	213	5,998	7.44	3.49	...	...	...	...	...	...	...	...
Pennsylvania, total.....	70,395	49.6	100.0	100.0	100.0	354	28,970,202	9.13	2.58	33,611	9.0	100.0	100.0	100.0	2,714	4,496,230	7.76
All crop farms.....	9,580	55.5	13.6	20.3	16.0	485	6,156,900	13.06	2.69	3,207	7.7	9.5	10.2	11.3	2,465	458,646	7.02
All livestock farms.....	49,391	43.3	70.2	61.8	67.2	351	17,795,416	8.98	2.56	25,425	9.4	75.6	76.2	74.6	2,774	3,425,672	7.93
General crop and livestock farms.....	10,036	51.7	14.3	16.9	16.2	398	4,722,828	9.90	2.49	4,596	8.2	13.7	12.5	13.0	2,605	558,501	7.40
All other farms.....	1,388	35.5	2.0	1.0	0.6	571	295,058	15.77	2.76	383	12.4	1.1	1.1	1.1	2,560	53,411	8.15
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
All crop farms.....	958	57.9	14.3	26.4	18.5	526	635,978	15.60	2.96	387	7.8	10.3	9.6	10.6	2,928	46,600	8.53
All livestock farms.....	5,128	41.8	76.6	65.2	73.2	329	1,370,689	8.51	2.59	2,997	10.8	79.6	80.8	80.5	3,265	361,613	8.72
General crop and livestock farms.....	536	43.9	8.0	7.6	7.7	366	155,245	9.16	2.50	350	10.6	9.3	8.6	7.9	3,518	36,470	8.92
All other farms.....	70	20.5	1.0	0.8	0.6	482	16,785	12.96	2.69	30	8.2	0.8	1.0	1.0	3,288	3,175	6.11
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
All crop farms.....	395	39.5	10.2	10.4	10.0	343	109,835	9.00	2.62	192	9.5	7.8	6.4	7.9	2,466	20,195	6.92
All livestock farms.....	2,953	36.4	76.4	76.4	77.1	326	793,533	8.43	2.59	1,919	11.1	78.4	80.9	77.3	3,155	253,840	8.84
General crop and livestock farms.....	442	40.8	11.4	12.1	12.3	325	124,519	8.32	2.56	321	14.5	13.1	12.1	14.4	2,542	36,673	6.87
All other farms.....	77	22.2	2.0	1.1	0.6	584	11,153	15.15	2.59	17	4.6	0.7	0.5	0.4	3,868	1,564	10.36
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
All crop farms.....	122	40.8	1.9	6.5	3.3	713	105,455	18.81	2.64	52	13.5	1.1	2.2	2.4	2,601	19,670	10.57
All livestock farms.....	6,230	23.8	95.3	89.8	93.5	351	1,392,318	8.85	2.52	4,445	11.2	95.9	93.7	94.2	2,734	709,459	9.59
General crop and livestock farms.....	151	21.1	2.3	3.5	2.9	441	65,280	13.20	2.99	121	10.3	2.6	3.7	3.1	3,335	27,375	11.31
All other farms.....	36	7.6	0.6	0.2	0.2	267	4,120	11.44	4.29	16	6.3	0.3	0.4	0.4	2,609	4,029	13.47
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
All crop farms.....	370	42.0	17.9	14.7	14.9	355	121,620	9.34	2.63	105	7.6	10.2	11.4	13.5	2,119	11,940	5.07
All livestock farms.....	1,337	48.6	64.6	63.0	66.5	341	538,192	9.25	2.71	756	9.5	73.3	70.5	65.0	2,724	75,827	6.69
General crop and livestock farms.....	337	48.6	16.3	22.1	18.2	436	181,486	11.37	2.61	165	11.4	16.0	18.0	21.4	2,107	18,960	5.07
All other farms.....	25	23.5	1.2	0.3	0.4	225	3,525	9.93	4.41	5	1.0	0.5	0.1	0.1	3,333	215	14.33
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
All crop farms.....	405	39.7	11.4	11.8	12.2	298	121,425	7.94	2.67	220	13.4	9.9	9.3	13.0	1,907	24,915	4.84
All livestock farms.....	2,528	38.5	71.1	73.4	73.4	308	748,245	8.12	2.64	1,619	12.0	72.9	76.1	72.7	2,802	220,255	7.64
General crop and livestock farms.....	562	36.5	15.8	14.0	13.6	317	143,760	8.42	2.66	362	11.9	16.3	14.4	14.0	2,745	42,920	7.72
All other farms.....	62	26.2	1.7	0.9	0.8	340	8,571	8.42	2.48	20	3.2	0.9	0.3	0.3	2,640	1,530	12.24
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
All crop farms.....	375	31.0	9.4	10.2	8.2	400	97,525	10.58	2.64	175	11.0	6.7	7.2	8.1	2,614	25,125	7.67
All livestock farms.....	3,099	25.6	77.4	76.3	79.2	311	706,240	7.96	2.56	2,137	9.4	81.8	83.8	80.6	3,024	285,105	8.70
General crop and livestock farms.....	362	30.3	9.0	11.4	11.4	320	107,555	8.39	2.62	261	9.5	10.0	7.6	9.9	2,250	25,995	6.49
All other farms.....	166	27.6	4.1	2.1	1.1	616	21,290	17.21	2.79	40	13.3	1.5	1.3	1.5	2,672	6,105	10.26
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
All crop farms.....	332	41.0	9.5	13.2	10.1	479	166,955	12.80	2.67	186	12.4	10.0	10.8	10.8	2,707	31,745	8.02
All livestock farms.....	2,551	34.7	72.9	71.6	74.7	352	865,590	8.97	2.55	1,365	9.8	73.1	76.3	74.3	2,781	209,695	7.71
General crop and livestock farms.....	577	37.2	16.5	15.0	15.0	367	178,705	9.24	2.52	310	10.2	16.6	12.7	14.5	2,373	32,950	6.21
All other farms.....	41	14.5	1.2	0.3	0.2	444	3,845	13.98	3.15	6	8.4	0.3	0.2	0.4	1,375	680	4.25
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
All crop farms.....	1,032	46.8	13.0	12.3	12.2	298	360,059	7.65	2.57	317	5.8	10.9	10.9	10.8	2,985	50,773	8.78
All livestock farms.....	5,539	49.4	69.8	70.4	69.8	299	2,023,756	7.54	2.52	2,079	7.1	71.3	71.6	71.9	2,946	311,815	8.07
General crop and livestock farms.....	1,263	50.5	15.9	17.0	17.7	284	481,789	7.08	2.49	508	6.9	17.4	17.1	17.2	2,943	78,590	8.50
All other farms.....	98	33.2	1.2	0.3	0.2	406	9,398	10.36	2.55	11	3.7	0.4	0.4	0.2	5,545	1,552	15.37
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
All crop farms.....	1,217	60.6	20.8	30.2	24.7	513	832,634	12.75	2.49	477	8.2	16.0	16.6	18.2	2,135	64,973	7.39
All livestock farms.....	3,502	48.6	59.8	48.1	54.4	370	1,336,491	9.29	2.51	1,976	10.8	66.2	68.1	66.2	2,398	233,168	7.27
General crop and livestock farms.....	987	59.1	16.9	21.2	20.4	436	588,060	10.92	2.50	496	8.2	16.6	15.0	15.3	2,286	53,350	7.19
All other farms.....	150	35.8	2.6	0.5	0.6	352	15,290	10.30	2.93	35	3.6	1.2	0.3	0.3	2,267	1,790	11.93
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
All crop farms.....	1,248	65.2	17.0	22.1	20.9	350	798,241	9.20	2.63	361	7.1	14.4	16.6	17.5	2,748	56,010	5.91
All livestock farms.....	4,805	54.4	65.6	58.6	61.4	317	2,144,323	8.43	2.66	1,692	7.7	67.4	67.9	66.4	2,971	226,930	6.32
General crop and livestock farms.....	1,205	59.3	16.4	18.6	17.2	361	616,230	8.67	2.40	445	7.1	17.7	15.2	15.7	2,808	55,335	6.51
All other farms.....	72	88.6	1.0	0.7	0.5	494	25,746	13.33	2.70	12	9.2	0.5	0.3	0.4	2,348	1,141	5.68
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
All crop farms.....	1,392	59.9	15.0	17.1	13.9	577	782,154	14.43	2.50	302	5.3	9.8	10.8	10.4	2,452	34,286	7.14
All livestock farms.....	5,273	61.8	56.8	53.9	57.8	437	2,433,925	10.81	2.47	1,866	8.0	60.4	64.7	63.3	2,437	210,650	7.23
General crop and livestock farms.....	2,522	62.1	27.2	28.6	28.1	478	1,304,543	11.92	2.50	906	6.8	29.3	24.4	26.2	2,205	90,268	7.49
All other farms.....	100	71.6	1.1	0.3	0.2	606	14,880	17.61	2.91	15	2.1	0.5	0.1	0.1	2,400	290	11.60
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
All crop farms.....	1,734	63.8	17.8	29.0	20.5	649	2,025,019	18.61	2.87	433</							

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed	
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	
All crop farms.....	100	54.9	17.7	24.6	12.1	1,519	79,215	44.38	2.92	10	1.1	5.2	1.9	1.2	3,143	490	14.00	
All livestock farms.....	376	31.6	66.4	58.8	80.7	545	172,526	14.48	2.66	157	6.9	81.8	91.2	91.7	2,034	23,656	9.11	
General crop and livestock farms.....	25	36.2	4.4	2.7	4.3	472	10,025	15.66	3.32	5	0.6	2.6	0.5	0.4	3,000	135	13.50	
All other farms.....	65	33.9	11.5	13.9	2.9	3,614	45,545	107.16	2.97	20	15.1	10.4	6.4	6.7	1,947	1,700	8.95	
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	
All crop farms.....	59,265	76.3	84.5	72.5	68.7	518	23,292,635	12.15	2.34	2,403	1.9	55.3	39.0	39.1	1,739	249,662	5.12	
All livestock farms.....	6,075	59.6	8.7	14.9	18.0	407	4,548,740	9.07	2.23	1,270	6.5	29.2	43.1	44.0	1,710	250,257	4.57	
General crop and livestock farms.....	4,143	68.7	5.9	11.7	12.2	470	3,721,856	10.90	2.32	533	3.6	12.3	15.0	14.5	1,806	91,570	5.06	
All other farms.....	660	43.9	0.9	0.9	1.2	390	285,576	8.73	2.24	142	4.1	3.3	2.9	2.5	2,059	14,691	4.80	
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	
All crop farms.....	1,032	67.4	67.3	55.5	52.7	436	322,075	11.33	2.60	100	6.2	40.5	36.7	36.6	1,825	14,245	5.42	
All livestock farms.....	299	60.5	19.5	30.1	29.4	423	161,102	10.16	2.40	101	11.9	40.9	40.8	43.5	1,705	12,765	4.08	
General crop and livestock farms.....	136	59.9	8.9	11.8	14.7	330	65,555	8.26	2.50	26	8.9	10.5	18.9	16.5	2,093	7,323	6.19	
All other farms.....	66	42.4	4.3	2.6	3.2	342	14,090	8.25	2.41	20	6.1	8.1	3.7	3.4	1,959	905	3.69	
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	
All crop farms.....	6,048	70.6	77.7	64.0	60.8	437	2,110,590	9.89	2.26	519	3.9	53.9	43.1	37.2	1,856	61,024	5.12	
All livestock farms.....	1,235	64.6	15.9	25.3	29.0	362	852,996	8.37	2.31	303	9.5	31.5	40.3	47.0	1,375	53,185	3.53	
General crop and livestock farms.....	378	62.0	4.9	8.3	7.9	434	280,922	10.07	2.32	99	8.4	10.3	12.1	11.8	1,644	16,684	4.40	
All other farms.....	120	40.3	1.5	2.5	2.2	467	84,814	11.01	2.36	42	6.5	4.4	4.5	3.9	1,832	5,587	4.47	

Z Less than 0:05.

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	Farms reporting use of fertilizer	Fertilizer						Lime									
		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 cent. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Dakota—Continued																	
Area 3a.....	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
All crop farms.....	90	1.5	22.5	24.3	32.4	65	20,124	3.08	4.75	...	...	...	...	...	...	...	...
All livestock farms.....	261	1.2	65.3	65.7	58.7	97	52,808	4.47	4.60	...	...	...	...	...	...	...	...
General crop and livestock farms.....	49	0.8	12.2	10.1	8.9	99	8,211	4.60	4.67	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3b.....	1,677	3.2	100.0	100.0	100.0	132	470,677	6.03	4.57	35	(2)	100.0	100.0	100.0	2,256	695	3.56
All crop farms.....	542	3.0	32.3	32.1	34.5	123	156,384	5.80	4.73	10	(2)	28.6	43.2	53.8	1,810	230	2.19
All livestock farms.....	848	3.6	50.6	56.9	52.6	143	262,361	6.39	4.47	20	(2)	57.1	15.9	20.5	1,750	285	7.12
General crop and livestock farms.....	287	2.4	17.1	11.0	12.9	112	51,932	5.16	4.59	5	(2)	14.3	40.9	25.6	3,600	180	3.60
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4a.....	2,280	4.5	100.0	100.0	100.0	135	558,877	5.11	3.78	15	(2)	100.0	100.0	100.0	400	195	1.30
All crop farms.....	691	4.4	30.3	35.4	36.2	132	193,391	4.88	3.70	...	...	...	...	...	...	...	...
All livestock farms.....	1,056	5.4	46.3	43.0	43.8	133	243,121	5.08	3.83	10	(2)	66.7	83.3	96.7	345	165	1.14
General crop and livestock farms.....	533	3.4	23.4	21.6	19.9	146	122,365	5.62	3.84	5	(2)	33.3	16.7	3.3	2,000	30	6.00
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4b.....	4,576	11.3	100.0	100.0	100.0	155	1,640,028	6.43	4.16	40	(2)	100.0	100.0	100.0	1,500	1,040	4.00
All crop farms.....	984	8.9	21.5	21.2	21.7	151	318,504	5.77	3.81	5	(2)	12.5	5.1	7.7	1,000	110	5.50
All livestock farms.....	2,982	13.1	65.2	68.1	67.2	157	1,148,859	6.71	4.28	25	(2)	62.5	89.7	88.5	1,522	900	3.91
General crop and livestock farms.....	590	8.4	12.9	10.6	11.1	147	169,965	5.98	4.08	...	...	...	...	...	...	...	...
All other farms.....	20	4.3	0.4	0.2	(2)	2,000	2,700	90.00	4.50	10	1.4	25.0	5.1	3.8	2,000	30	3.00
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	3,195	667,035	5.32
All crop farms.....	68,054	40.4	63.0	51.2	48.6	344	12,606,387	9.08	2.64	2,526	0.8	31.0	22.5	23.2	3,102	168,386	5.80
All livestock farms.....	26,430	33.1	24.5	32.9	35.2	306	7,559,435	7.53	2.46	3,935	2.3	48.3	56.7	56.8	3,190	360,501	5.06
General crop and livestock farms.....	12,552	36.8	11.6	14.9	15.5	315	3,350,063	7.58	2.41	1,586	2.0	19.5	19.9	19.4	3,286	132,213	5.44
All other farms.....	909	33.5	0.8	1.0	0.7	432	222,007	10.51	2.43	106	1.4	1.3	0.9	0.7	4,051	5,935	6.85
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
All crop farms.....	26,537	42.8	88.9	76.8	77.6	309	5,671,910	9.26	3.00	477	0.7	51.8	38.5	42.8	2,352	58,748	6.26
All livestock farms.....	2,088	30.8	7.0	16.1	15.4	328	1,104,879	9.12	2.78	309	2.3	33.6	43.4	40.6	2,795	58,729	6.59
General crop and livestock farms.....	1,135	29.9	3.8	6.6	6.7	308	474,590	9.00	2.92	133	2.0	14.4	17.5	16.2	2,825	23,568	6.61
All other farms.....	86	31.4	0.3	0.4	0.4	349	32,040	10.76	3.09	2	1.1	0.2	0.6	0.5	3,580	840	8.40
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
All crop farms.....	8,061	46.5	68.7	63.1	59.6	302	1,690,557	7.97	2.64	245	0.7	32.2	22.9	24.5	2,754	18,705	5.93
All livestock farms.....	2,322	35.4	19.8	24.3	26.1	266	622,257	6.71	2.52	361	2.8	47.4	61.4	57.9	3,120	40,351	5.41
General crop and livestock farms.....	1,304	38.0	11.1	12.3	14.0	250	307,010	6.18	2.47	155	1.7	20.3	15.4	17.4	2,601	14,780	6.58
All other farms.....	46	29.5	0.4	0.3	0.3	318	8,560	8.19	2.58	1	0.8	0.1	0.2	0.2	3,000	125	4.17
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
All crop farms.....	3,152	45.8	54.4	46.3	45.0	290	616,630	6.74	2.32	186	1.0	32.7	22.6	29.1	2,448	8,357	4.07
All livestock farms.....	1,992	37.9	34.4	40.8	41.9	274	545,714	6.40	2.34	307	1.7	54.0	58.3	52.7	3,485	20,591	5.52
General crop and livestock farms.....	594	46.9	10.3	12.6	12.7	279	167,280	6.47	2.32	65	2.1	11.4	17.2	16.5	3,288	6,315	5.42
All other farms.....	53	21.8	0.9	0.4	0.4	244	4,814	5.70	2.34	11	3.2	1.9	1.9	1.8	3,440	370	2.96
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
All crop farms.....	4,309	38.2	67.0	58.7	51.6	459	1,129,210	11.57	2.52	180	0.9	37.3	30.5	30.2	3,597	12,160	5.10
All livestock farms.....	1,063	31.1	16.5	16.1	20.4	319	311,553	8.08	2.53	176	2.9	36.5	43.6	44.8	3,459	18,336	5.18
General crop and livestock farms.....	1,038	42.6	16.1	25.0	27.9	361	475,624	9.00	2.49	126	1.6	26.1	25.9	25.0	3,682	9,835	4.97
All other farms.....	20	38.7	0.3	0.1	0.2	262	1,955	6.74	2.57	...	...	...	...	...	...	...	...
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
All crop farms.....	4,156	30.3	30.8	22.1	18.6	318	487,545	7.13	2.24	95	0.3	9.7	3.9	3.7	2,671	3,950	5.10
All livestock farms.....	7,117	25.7	52.7	60.2	63.2	255	1,482,323	6.37	2.50	670	1.8	68.2	73.6	76.0	2,467	56,773	3.78
General crop and livestock farms.....	2,172	27.4	16.1	17.5	18.0	260	398,249	6.01	2.31	202	1.7	20.6	22.1	19.7	2,870	18,345	4.47
All other farms.....	60	15.5	0.4	0.2	0.2	262	5,240	6.02	2.30	15	2.2	1.5	0.4	0.6	1,680	375	3.00
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
All crop farms.....	4,712	37.3	41.7	27.6	26.7	342	674,274	7.96	2.33	276	1.0	21.5	16.4	14.4	4,170	15,200	6.57
All livestock farms.....	4,117	40.2	36.5	44.3	47.3	310	1,124,179	7.50	2.42	646	2.4	50.3	51.6	55.7	3,397	42,671	4.78
General crop and livestock farms.....	2,229	42.1	19.7	24.4	24.0	336	583,922	7.68	2.28	332	2.6	25.9	30.6	29.1	3,856	25,045	5.36
All other farms.....	229	45.9	2.0	3.6	2.0	603	91,046	14.35	2.38	30	0.9	2.3	1.4	0.8	6,154	1,285	9.88
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
All crop farms.....	443	45.6	23.5	22.9	16.1	524	155,878	13.37	2.55	45	1.3	12.4	5.7	6.5	4,209	2,325	6.94
All livestock farms.....	1,060	39.3	56.3	61.3	68.0	331	440,458	8.94	2.70	269	3.4	74.3	82.5	82.1	4,794	27,213	6.43
General crop and livestock farms.....	335	43.3	17.8	14.6	14.4	374	92,736	8.90	2.38	47	2.3	13.0	10.8	10.6	4,860	3,175	5.84
All other farms.....	45	27.8	2.4	1.2	1.6	293	7,815	6.90	2.35	1	1.0	0.3	1.0	0.8	5,952	375	8.93
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
All crop farms.....	4,332	31.9	46.4	28.0	25.4	398	577,760	8.84	2.22	346	1.8	27.5	20.1	19.5	3,530	19,456	5.35
All livestock farms.....	3,315	39.6	35.5	54.7	55.7	355	1,142,460	7.99	2.25	669	3.3	53.2	62.1	64.7	3,286	58,899	4.87
General crop and livestock farms.....	1,434	39.7	15.4	14.5	16.4	320	298,305	7.07	2.21	206	2.5	16.4	15.9	14.3	3,820	14,275	5.36
All other farms.....	253	35.7	2.7	2.8	2.5	407	59,440	9.38	2.30	36	1.6	2.9	1.9	1.5	4,296	2,245	7.90
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
All crop farms.....	12,352	35.3	68.1	54.3	47.7	483	1,602,623	11.07	2.29	676	1.2	44.1	36.2	33.6	3,950	29,485	5.89
All livestock farms.....	3,356	34.6	18.5	26.6	30.2	374	785,612	8.57	2.30	528	2.5	34.4	44.8	43.6	3,759	36,938	5.68
General crop and livestock farms.....	2,311	40.6	12.7	18.8	21.7	366	552,347	8.36	2.29	320	2.1	20.9	18.7	22.6	3,039	16,875	5.01
All other farms.....	117	30.8	0.6	0.4	0.4	391	11,097	8.60	2.20	10	0.7	0.7	0.3	0.2	5,000	320	10.67

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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
All crop farms.....	32,058	11.0	50.7	60.4	59.7	215	18,959,932	7.57	3.52	326	(2)	26.4	19.8	21.7	1,662	43,100	4.64
All livestock farms.....	21,734	10.2	34.4	28.0	29.0	205	6,803,914	5.59	2.73	767	0.3	62.1	74.4	72.3	1,869	155,144	5.01
General crop and livestock farms.....	8,495	16.0	13.4	10.6	10.6	212	2,570,346	5.78	2.73	122	0.1	9.9	3.6	4.5	1,477	6,380	3.35
All other farms.....	928	22.4	1.5	1.1	0.7	345	259,468	9.20	2.66	21	0.5	1.7	2.2	1.5	2,555	4,424	6.67
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
All crop farms.....	754	46.2	89.4	93.2	93.2	308	2,207,833	15.61	5.06	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
All livestock farms.....	67	4.0	7.9	3.9	3.5	341	44,223	8.22	2.41	...	...	...	...	...	...	...	...
General crop and livestock farms.....	22	48.8	2.6	2.8	3.2	272	55,134	11.29	4.15	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 1b.....	156	1.2	100.0	100.0	100.0	184	67,548	5.72	3.10	1	(2)	100.0	100.0	100.0	2,000	750	6.00
All crop farms.....	27	6.3	17.3	34.7	32.0	208	26,982	7.15	3.58	...	...	...	...	...	...	...	...
All livestock farms.....	117	0.8	75.0	60.1	65.1	170	37,701	4.91	2.88	1	(2)	100.0	100.0	100.0	2,000	750	6.00
General crop and livestock farms.....	12	4.9	7.7	5.2	2.9	328	2,865	8.23	2.51	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2.....	1,558	5.2	100.0	100.0	100.0	151	338,190	4.83	3.19	6	(2)	100.0	100.0	100.0	196	315	1.24
All crop farms.....	175	3.9	11.2	13.8	14.2	147	46,934	4.71	3.21	...	...	...	...	...	...	...	...
All livestock farms.....	1,257	5.3	80.7	80.5	79.6	153	271,966	4.88	3.19	6	(2)	100.0	100.0	100.0	196	315	1.24
General crop and livestock farms.....	121	7.4	7.8	5.5	6.1	136	18,840	4.40	3.24	...	...	...	...	...	...	...	...
All other farms.....	5	2.4	0.3	0.2	(2)	1,067	450	30.00	2.81	...	...	...	...	...	...	...	...
Area 3.....	663	11.2	100.0	100.0	100.0	279	788,209	8.95	3.21	...	...	...	...	...	...	...	...
All crop farms.....	419	24.2	63.2	74.2	63.2	327	571,580	10.28	3.14	...	...	...	...	...	...	...	...
All livestock farms.....	199	4.8	30.0	17.4	29.0	167	145,903	5.71	3.42	...	...	...	...	...	...	...	...
General crop and livestock farms.....	44	23.2	6.6	8.4	7.8	299	70,426	10.26	3.44	...	...	...	...	...	...	...	...
All other farms.....	1	8.3	0.2	0.1	(2)	457	300	8.57	1.88	...	...	...	...	...	...	...	...
Area 4.....	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(2)	100.0	100.0	100.0	3,273	1,380	6.27
All crop farms.....	1,891	5.5	82.9	82.4	83.3	162	1,727,621	6.75	4.17	6	(2)	100.0	100.0	100.0	3,273	1,380	6.27
All livestock farms.....	151	1.3	6.6	4.9	5.3	151	116,746	7.13	4.73	...	...	...	...	...	...	...	...
General crop and livestock farms.....	234	13.2	10.3	12.7	11.4	183	239,827	6.85	3.75	...	...	...	...	...	...	...	...
All other farms.....	5	100.0	0.2	(2)	(2)	2,000	450	90.00	4.50	...	...	...	...	...	...	...	...
Area 5.....	1,421	2.6	100.0	100.0	100.0	277	1,044,656	9.39	3.39	6	(2)	100.0	100.0	100.0	2,000	300	6.00
All crop farms.....	1,234	2.3	86.8	78.7	85.7	254	895,601	9.40	3.70	6	(2)	100.0	100.0	100.0	2,000	300	6.00
All livestock farms.....	48	2.0	3.4	1.7	1.7	265	15,417	8.04	3.03	...	...	...	...	...	...	...	...
General crop and livestock farms.....	139	16.0	9.8	19.6	12.6	431	133,638	9.53	2.21	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 6a.....	1,340	2.0	100.0	100.0	100.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...
All crop farms.....	882	1.9	65.8	57.1	65.0	106	219,301	3.16	2.99	...	...	...	...	...	...	...	...
All livestock farms.....	262	2.2	19.6	25.2	21.6	141	108,785	4.71	3.35	...	...	...	...	...	...	...	...
General crop and livestock farms.....	176	3.5	13.1	16.8	13.3	152	51,219	3.61	2.38	...	...	...	...	...	...	...	...
All other farms.....	20	3.4	1.5	0.9	0.1	2,000	7,035	117.25	5.86	...	...	...	...	...	...	...	...
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
All crop farms.....	166	4.4	34.7	34.3	33.7	151	36,531	3.42	2.26	...	...	...	...	...	...	...	...
All livestock farms.....	222	3.8	46.3	56.2	56.7	147	76,714	4.26	2.90	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
General crop and livestock farms.....	91	3.5	19.0	9.5	9.6	147	11,275	3.69	2.52	...	...	...	...	...	...	...	...
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 7a.....	3,537	21.8	100.0	100.0	100.0	138	781,990	3.55	2.57	25	(2)	100.0	100.0	100.0	736	1,010	2.32
All crop farms.....	1,049	37.9	29.7	30.5	34.3	123	250,381	3.32	2.70	10	0.1	40.0	84.4	50.6	1,227	595	2.70
All livestock farms.....	1,914	15.9	54.1	52.8	49.7	147	413,557	3.78	2.57	15	(2)	60.0	15.6	49.4	233	415	1.93
General crop and livestock farms.....	548	28.8	15.5	16.4	15.8	143	115,142	3.30	2.31	...	...	...	...	...	...	...	...
All other farms.....	26	16.1	0.7	0.3	0.3	139	2,910	5.20	3.73	...	...	...	...	...	...	...	...
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
All crop farms.....	437	9.5	26.9	28.1	32.7	144	114,382	4.42	3.06	5	(2)	16.1	1.1	9.0	200	25	0.50
All livestock farms.....	822	11.7	50.6	54.5	49.3	186	209,524	5.36	2.89	21	0.1	67.7	96.8	89.2	1,850	2,560	5.18
General crop and livestock farms.....	337	9.8	20.7	14.3	15.9	151	51,141	4.06	2.68	5	(2)	16.1	2.1	1.8	2,000	80	8.00
All other farms.....	30	43.6	1.8	3.2	2.1	248	9,920	5.85	2.36	...	...	...	...	...	...	...	...
Area 7c.....	730	4.4	100.0	100.0	100.0	124	116,081	3.84	3.09	5	(2)	100.0	100.0	100.0	267	225	3.00
All crop farms.....	58	3.1	7.9	9.4	8.9	131	12,335	4.58	3.50	...	...	...	...	...	...	...	...
All livestock farms.....	599	4.9	82.1	81.7	81.1	125	93,458	3.81	3.04	...	...	...	...	...	...	...	...
General crop and livestock farms.....	68	3.0	9.3	8.9	10.0	111	10,238	3.38	3.05	5	0.1	100.0	100.0	100.0	267	225	3.00
All other farms.....	5	2.0	0.7	0.1	(2)	400	50	10.00	2.50	...	...	...	...	...	...	...	...
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
All crop farms.....	5,764	8.0	61.5	54.4	55.6	183	1,254,983	4.84	2.65	90	0.1	52.0	29.3	35.3	1,023	6,105	2.96
All livestock farms.....	2,371	13.7	25.3	32.0	31.6	189	748,028	5.08	2.69	72	0.3	41.6	64.5	61.2	1,300	13,699	3.84
General crop and livestock farms.....	1,183	10.3	12.6	13.2	12.6	195	276,502	4.69	2.41	11	(2)	6.4	6.2	3.4	2,250	750	3.75
All other farms.....	51	13.7	0.5	0.5	0.2	467	11,714	13.16	2.82	...	...	...	...	...	...	...	...
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
All crop farms.....	2,008	29.1	42.9	37.8	41.7	195	565,748	5.14	2.64	9	0.1	12.7	12.1	4.4	3,238	1,775	8.45
All livestock farms.....	1,916	24.0	40.9	48.8	45.7	229	736,072	6.10	2.66	55	0.9	77.5	84.7	93.2	1,070	10,172	2.28
General crop and livestock farms.....	751	37.7	16.0	13.3	12.6	227	197,132	5.93	2.61	6	0.1	8.5	1.2	1.3	1,167	255	4.25
All other farms.....	11	20.8	0.2	0.1	(2)	420	1,326	13.26	3.16	1	11.9	1.4	2.0	1.2	2,000	340	5.96

2 Less than 0.05.

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed				
Texas—Continued																					
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				
All crop farms.....	1,557	15.9	33.7	34.8	33.5	208	279,991	5.20	2.50	5	(Z)	13.5	8.1	3.8	2,000	140	9.33				
All livestock farms.....	1,639	20.9	35.5	42.3	41.6	199	368,784	5.53	2.77	7	(Z)	18.9	48.6	24.1	1,895	322	3.39				
General crop and livestock farms.....	1,412	21.8	30.6	23.9	24.9	193	180,810	4.53	2.35	25	0.2	67.6	43.2	72.2	561	1,030	3.61				
All other farms.....	7	5.7	0.2	0.1	(Z)	256	404	5.18	2.02	...	...	...	...	...	...	...	...				
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				
All crop farms.....	1,193	7.8	32.5	32.1	33.0	143	391,017	4.65	3.25	5	(Z)	45.5	86.2	49.6	1,667	170	2.83				
All livestock farms.....	1,615	11.9	44.0	46.1	44.9	151	500,544	4.38	2.90	5	(Z)	45.5	8.6	45.5	182	45	0.82				
General crop and livestock farms.....	812	17.9	22.1	21.3	22.0	143	228,648	4.08	2.86	1	(Z)	9.1	5.2	5.0	1,000	12	2.00				
All other farms.....	50	25.9	1.4	0.5	0.1	702	5,370	18.84	2.68	...	...	...	...	...	...	...	...				
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				
All crop farms.....	6,332	40.3	44.1	38.8	39.4	261	1,630,409	6.43	2.47	75	0.3	14.2	7.9	10.1	1,594	8,050	4.28				
All livestock farms.....	5,706	27.3	39.8	44.8	45.0	263	1,849,474	6.38	2.42	398	1.4	75.2	85.3	82.8	2,107	88,693	5.76				
General crop and livestock farms.....	1,837	39.1	12.8	12.6	12.7	264	503,476	6.17	2.34	44	0.4	8.3	3.1	4.5	1,422	2,388	2.88				
All other farms.....	469	30.2	3.3	3.9	2.9	346	166,841	8.80	2.54	12	0.8	2.3	3.7	2.6	2,901	3,472	7.14				
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				
All crop farms.....	1,172	39.0	46.7	44.6	48.5	229	264,797	6.00	2.62	36	0.6	21.1	15.0	18.2	1,776	2,300	3.68				
All livestock farms.....	1,116	23.4	44.5	48.9	46.2	263	299,907	7.13	2.71	123	1.5	71.9	80.1	76.6	2,251	16,576	6.29				
General crop and livestock farms.....	132	24.5	5.3	3.6	3.0	290	21,013	7.57	2.61	10	1.2	5.8	4.1	4.1	2,143	490	3.50				
All other farms.....	89	13.2	3.5	3.0	2.3	326	16,503	8.00	2.46	2	0.3	1.2	0.8	1.2	1,500	120	3.00				
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				
All crop farms.....	4,044	40.2	64.8	84.5	85.6	217	6,091,031	8.51	3.92	52	0.1	38.2	29.8	40.4	1,473	10,170	4.50				
All livestock farms.....	1,593	13.4	25.5	12.2	11.2	239	689,387	7.33	3.07	63	0.4	46.3	63.8	52.8	2,412	19,010	6.43				
General crop and livestock farms.....	484	33.0	7.8	3.0	3.0	225	187,375	7.52	3.34	15	0.4	11.0	5.5	5.4	2,033	1,150	3.83				
All other farms.....	122	12.2	2.0	0.3	0.2	288	16,385	8.74	3.03	6	0.5	4.4	1.0	1.4	1,375	492	6.15				
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				
All crop farms.....	2,896	24.2	92.1	88.6	88.4	263	2,372,475	10.00	3.79	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37				
All livestock farms.....	120	14.8	3.8	3.1	5.6	146	77,724	5.18	3.55	...	...	...	...	...	...	...	...				
General crop and livestock farms.....	92	57.2	2.9	7.4	5.4	361	215,645	14.96	4.14	...	...	...	...	...	...	...	...				
All other farms.....	37	57.5	1.2	0.9	0.6	391	19,810	12.51	3.20	...	...	...	...	...	...	...	...				
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	2.01				
All crop farms.....	1,372	5.9	24.3	27.9	24.1	298	457,184	11.82	3.97	5	(Z)	12.2	2.5	2.6	1,000	20	2.00				
All livestock farms.....	2,851	6.8	50.5	43.9	48.8	232	632,041	8.07	3.49	26	(Z)	63.4	35.6	61.0	613	353	1.50				
General crop and livestock farms.....	1,361	12.3	24.1	25.6	26.7	247	401,032	9.38	3.79	10	(Z)	24.4	61.9	36.4	1,786	400	2.86				
All other farms.....	66	33.6	1.2	2.7	0.4	1,698	24,735	37.76	2.22	...	...	...	...	...	...	...	...				
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	1,588	333	2.08				
All crop farms.....	411	4.9	19.6	27.3	25.7	233	163,659	9.51	4.09	...	...	...	...	...	...	...	...				
All livestock farms.....	1,195	7.3	57.1	49.6	51.6	210	264,787	7.67	3.64	6	(Z)	54.5	5.5	31.3	280	33	0.66				
General crop and livestock farms.....	483	13.9	23.1	23.0	22.6	223	141,009	9.31	4.17	5	0.1	45.5	94.5	68.8	2,182	300	2.73				
All other farms.....	5	1.7	0.2	0.1	(Z)	500	500	25.00	5.00	...	...	...	...	...	...	...	...				
Area 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				
All crop farms.....	775	14.2	36.0	29.6	26.6	341	178,680	13.24	3.88	5	(Z)	20.0	9.1	6.9	1,000	20	2.00				
All livestock farms.....	787	12.1	36.5	35.3	38.8	278	193,512	9.83	3.53	15	0.1	60.0	81.8	72.4	857	135	1.29				
General crop and livestock farms.....	531	22.9	24.7	28.0	33.3	258	166,265	9.86	3.82	5	(Z)	20.0	9.1	20.7	333	100	3.33				
All other farms.....	61	78.9	2.8	7.1	1.3	1,735	24,235	38.17	2.20	...	...	...	...	...	...	...	...				
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				
All crop farms.....	186	3.8	13.3	26.2	18.7	366	114,845	14.39	3.93	...	...	...	...	...	...	...	...				
All livestock farms.....	869	4.7	62.0	48.3	56.2	224	173,742	7.22	3.23	5	(Z)	100.0	100.0	100.0	500	185	2.31				
General crop and livestock farms.....	347	6.5	24.8	25.5	25.1	264	93,758	8.73	3.30	...	...	...	...	...	...	...	...				
All other farms.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
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				
All crop farms.....	180	61.0	2.4	10.2	5.0	882	238,135	23.18	2.63	38	3.8	0.9	1.1	1.2	2,281	3,196	4.99				
All livestock farms.....	6,988	19.3	93.2	86.7	92.0	406	1,819,595	9.64	2.37	3,932	5.4	95.6	94.3	94.9	2,318	281,453	5.38				
General crop and livestock farms.....	179	15.2	2.4	2.3	2.3	431	49,597	10.61	2.46	97	5.3	2.4	3.9	3.0	3,069	11,210	6.89				
All other farms.....	151	9.8	2.0	0.8	0.8	448	22,550	14.46	3.23	47	3.4	1.1	0.7	1.0	1,688	2,693	5.00				
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				
All crop farms.....	57	51.0	1.7	6.8	2.9	970	70,700	24.66	2.54	11	2.5	0.6	0.4	0.5	1,643	460	3.29				
All livestock farms.....	3,298	18.7	96.9	92.1	95.8	394	883,445	9.28	2.35	1,826	5.3	98.6	98.9	99.1	2,169	121,866	4.56				
General crop and livestock farms.....	41	13.8	1.2	1.0	1.2	347	12,230	10.15	2.93	10	1.0	0.5	0.6	0.3	4,471	710	8.35				
All other farms.....	7	2.7	0.2	0.1	0.1	338	939	12.19	3.61	5	0.4	0.3	(Z)	(Z)	1,000	110	11.00				
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				
All crop farms.....	123	66.0	3.0	13.2	7.0	848	167,435	22.61	2.67	27	4.5	1.2	1.8	1.8	2,460	2,736	5.47				
All livestock farms.....	3,690	20.0	90.1	82.0	88.3	418	936,150	10.01	2.40	2,106	5.5	93.1	90.4	90.9	2,474	159,587	6.24				
General crop and livestock farms.....	138	15.8	3.4	3.4	3.3	460	37,367	10.77	2.34	87	7.0	3.8	6.6	5.5	2,992	10,500	6.81				
All other farms.....	144	11.3	3.5	1.4	1.4	453	21,611	14.58	3.22	42	4.0	1.9	1.3	1.9	1,701	2,583	4.88				
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				
All crop farms.....	35,422	55.4	56.0	49.6	43.3	683	13,384,145	14.69	2.32	4,674	4.5	33.2	18.6	25.3	2,004	463,268	6.30				
All livestock farms.....	20,494	38.8	32.4	37.7	43.2	483	9,653,756	10.64	2.20	7,351	7.7	52.2	69.1	62.0	3,037	1,134,038	6.31				
General crop and livestock farms.....	6,374	46.8	10.1	11.2	11.8	527	2,962,940	11.96	2.2												

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 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
All crop farms.....	1,355	34.0	65.0	45.4	36.3	545	148,834	12.48	2.29	35	1.0	19.0	8.6	11.8	2,290	1,365	3.96
All livestock farms.....	534	25.4	25.6	47.4	56.5	365	156,210	8.41	2.31	113	3.1	61.4	76.2	78.2	3,089	12,675	5.57
General crop and livestock farms...	181	18.9	8.7	7.0	7.0	438	22,905	10.02	2.29	36	2.4	19.6	15.2	10.0	4,841	2,344	8.08
All other farms.....	15	21.1	0.7	0.2	0.3	280	678	6.78	2.42	...	...	...	...	...	...	...	...
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
All crop farms.....	4,162	44.4	46.1	27.8	24.5	503	501,340	11.83	2.35	201	1.4	11.9	4.5	4.7	4,361	9,740	7.30
All livestock farms.....	3,831	36.3	42.4	61.1	63.1	429	1,100,202	10.09	2.35	1,247	8.3	73.7	87.8	86.5	4,527	173,436	6.95
General crop and livestock farms...	970	34.6	10.7	10.5	11.4	409	196,730	9.99	2.44	223	3.7	13.2	6.8	7.3	4,237	14,594	7.01
All other farms.....	72	41.8	0.8	0.6	1.0	251	9,730	5.57	2.22	21	6.3	1.2	0.8	0.9	3,992	2,860	10.87
Areas 3 and A.....	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
All crop farms.....	205	40.4	5.5	5.4	6.8	389	65,453	9.26	2.38	30	0.7	2.2	0.6	0.6	3,231	585	4.50
All livestock farms.....	3,050	28.5	81.6	83.4	81.4	506	921,697	10.94	2.16	1,137	6.4	84.3	85.4	86.5	3,086	101,201	5.33
General crop and livestock farms...	408	28.6	10.9	10.0	10.8	454	106,704	9.53	2.10	157	6.8	11.6	13.3	12.1	3,432	16,407	6.18
All other farms.....	74	15.6	2.0	1.2	1.0	612	13,060	12.94	2.11	25	2.9	1.9	0.7	0.8	2,649	1,110	6.00
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
All crop farms.....	446	53.4	9.4	17.4	19.2	372	349,376	9.22	2.48	70	3.0	6.2	9.5	9.4	3,260	9,282	4.43
All livestock farms.....	3,666	35.5	77.2	70.3	68.0	424	1,199,076	8.43	2.11	919	4.5	80.9	78.6	77.0	3,310	93,777	5.47
General crop and livestock farms...	616	39.2	13.0	11.3	12.2	380	189,945	7.85	2.07	145	4.8	12.8	11.6	13.2	2,833	12,005	4.08
All other farms.....	22	57.1	0.5	1.0	0.6	693	16,290	13.58	1.96	2	3.3	0.2	0.3	0.3	3,429	345	4.93
Areas 5 and B.....	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
All crop farms.....	385	46.2	8.2	9.0	9.7	433	285,864	10.04	2.32	132	7.7	6.1	5.6	5.8	2,614	25,509	5.38
All livestock farms.....	3,626	36.5	77.5	81.4	80.1	471	2,405,691	10.23	2.17	1,765	11.1	81.6	87.0	87.1	2,691	429,252	5.98
General crop and livestock farms...	560	38.6	12.0	7.8	8.6	420	243,033	9.67	2.30	227	7.5	10.5	5.9	5.9	2,668	33,021	6.77
All other farms.....	107	35.9	2.3	1.8	1.6	509	57,583	11.99	2.36	38	7.4	1.8	1.5	1.2	3,378	8,081	8.21
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
All crop farms.....	4,685	47.0	52.7	37.2	35.4	511	1,162,320	11.67	2.28	792	4.7	35.6	22.6	29.2	2,259	60,375	6.01
All livestock farms.....	2,632	43.6	29.6	45.7	46.7	476	1,381,180	10.51	2.21	1,004	6.1	45.2	58.8	53.6	3,203	146,836	7.96
General crop and livestock farms...	1,395	41.8	15.7	15.2	15.7	472	458,610	10.39	2.20	394	5.0	17.7	16.4	15.3	3,120	40,613	7.69
All other farms.....	185	34.6	2.1	1.8	2.2	409	62,879	10.23	2.50	33	3.8	1.5	2.2	1.9	3,362	4,829	7.20
Area 7.....	18,742	44.9	100.0	100.0	100.0	628	5,382,336	15.34	2.44	1,942	3.0	100.0	100.0	100.0	2,537	160,458	7.05
All crop farms.....	16,773	45.5	89.5	80.0	74.6	674	4,385,414	16.76	2.49	1,292	1.8	66.5	46.5	45.6	2,590	79,296	7.64
All livestock farms.....	1,168	44.2	6.2	13.4	16.8	500	600,862	11.21	2.24	472	7.5	24.3	42.2	43.9	2,436	63,847	6.38
General crop and livestock farms...	525	42.7	2.8	4.9	6.1	508	250,702	11.67	2.30	133	3.3	6.8	8.1	7.4	2,792	12,218	7.29
All other farms.....	276	40.1	1.5	1.7	2.5	424	85,358	9.68	2.29	45	3.2	2.3	3.2	3.1	2,577	5,097	7.18
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
All crop farms.....	1,922	64.9	49.8	48.9	51.0	446	1,168,709	9.82	2.20	730	9.4	48.1	43.6	49.2	1,585	101,262	5.86
All livestock farms.....	1,075	58.6	27.8	33.4	30.9	503	792,848	11.01	2.19	503	9.1	33.2	36.9	31.8	2,079	75,768	6.78
General crop and livestock farms...	734	65.6	19.0	15.6	16.0	452	393,991	10.54	2.33	253	10.9	16.7	17.7	17.6	1,794	44,566	7.20
All other farms.....	130	69.5	3.4	2.1	2.0	476	54,120	11.39	2.39	31	7.4	2.0	1.8	1.4	2,277	3,785	7.50
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
All crop farms.....	4,292	79.0	75.0	67.3	69.3	656	3,075,124	15.19	2.32	927	4.8	76.7	60.1	68.5	1,258	68,584	5.59
All livestock farms.....	673	79.8	11.8	17.0	15.3	753	767,111	17.20	2.28	108	4.3	8.9	15.9	13.3	1,709	14,276	5.99
General crop and livestock farms...	696	82.4	12.2	14.9	14.9	676	701,180	16.07	2.38	163	5.6	13.5	21.8	16.6	1,884	23,731	7.91
All other farms.....	62	82.6	1.1	0.8	0.6	976	35,407	21.87	2.24	11	14.9	0.9	2.2	1.6	1,945	2,025	6.91
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
All crop farms.....	1,197	72.9	67.8	75.9	70.0	1,060	2,241,711	22.26	2.10	465	10.8	69.6	67.0	69.2	1,922	107,270	7.21
All livestock farms.....	239	61.2	13.5	8.6	13.3	628	268,879	14.02	2.23	83	8.5	12.4	15.7	12.3	2,528	22,970	8.67
General crop and livestock farms...	289	64.6	16.4	13.2	13.0	994	399,140	21.36	2.15	104	11.3	15.6	12.2	15.2	1,584	18,301	5.58
All other farms.....	41	76.3	2.3	2.3	3.7	607	63,705	12.02	1.98	16	10.0	2.4	5.1	3.2	3,108	6,655	9.58
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
All crop farms.....	11,562	24.3	60.8	74.7	84.1	154	11,083,729	7.52	4.87	231	0.1	18.9	19.2	17.3	2,636	56,010	13.77
All livestock farms.....	5,339	16.0	28.1	15.0	10.3	253	1,598,124	8.82	3.49	889	1.5	72.7	62.6	72.0	2,066	171,419	10.13
General crop and livestock farms...	1,520	27.1	8.0	9.0	5.2	298	1,095,992	11.94	4.01	36	0.6	2.9	15.8	8.4	4,512	42,770	21.88
All other farms.....	582	15.1	3.1	1.2	0.4	563	146,603	21.91	3.89	67	1.3	5.5	2.4	2.4	2,428	6,744	12.02
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
All crop farms.....	151	27.4	26.3	10.2	7.3	329	10,025	11.96	3.63	...	...	...	...	...	...	...	...
All livestock farms.....	355	11.3	61.8	80.3	82.7	228	69,808	7.34	3.22	46	0.4	75.4	82.4	72.3	1,671	2,835	7.77
General crop and livestock farms...	40	23.6	7.0	7.6	7.9	226	4,800	5.27	2.33	5	0.1	8.2	2.7	1.0	4,000	100	20.00
All other farms.....	28	3.2	4.9	1.9	2.1	207	2,071	8.56	4.14	10	1.8	16.4	14.9	26.7	815	620	4.59
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
All crop farms.....	695	65.0	22.9	34.4	23.2	544	462,265	20.80	3.82	85	7.4	11.7	18.5	16.1	3,210	39,620	15.57
All livestock farms.....	2,092	27.0	69.0	50.7	62.6	296	609,910	10.15	3.42	595	5.1	82.0	61.7	72.4	2,390	131,425	11.50
General crop and livestock farms...	152	46.1	5.0	13.2	13.1	370	163,885	13.04	3.53	26	5.8	3.6	18.3	10.1	5,082	40,920	25.74
All other farms.....	91	25.2	3.0	1.6	1.1	523	24,960	22.98	4.39	20	4.9	2.8	1.6	1.3	3,381	2,915	13.88
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
All crop farms.....	720	62.0	47.4	60.7	37.0	1,128	316,010	40.78	3.61	100	3.9	42.4	22.1	22.2			

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC

AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed
Washington—Continued																	
Area 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
All crop farms.....	344	30.4	24.6	29.4	17.3	437	90,445	13.97	3.20	15	0.9	9.9	12.2	4.6	3,027	3,920	21.19
All livestock farms.....	852	15.3	60.9	54.9	64.8	218	197,242	8.13	3.74	126	2.2	83.4	70.9	85.8	933	15,994	4.59
General crop and livestock farms.....	112	19.8	8.0	8.9	11.4	201	29,721	6.94	3.46	5	1.7	3.3	15.7	8.9	2,000	1,750	4.86
All other farms.....	92	21.0	6.6	6.7	6.5	263	26,280	10.72	4.08	5	0.3	3.3	1.1	0.7	1,667	250	8.33
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
All crop farms.....	1,724	28.1	91.0	89.5	84.7	361	597,586	14.62	4.05	20	0.5	66.7	94.3	85.5	930	2,360	3.32
All livestock farms.....	128	6.6	6.8	8.9	13.6	224	44,641	7.28	3.25	5	0.1	16.7	4.3	12.0	300	125	1.25
General crop and livestock farms.....	31	4.8	1.6	1.1	1.0	391	6,400	14.38	3.68	...	...	...	...	...	...	...	...
All other farms.....	11	10.1	0.6	0.5	0.7	234	2,675	8.69	3.72	5	0.7	16.7	1.4	2.4	900	50	2.50
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
All crop farms.....	122	25.1	28.0	59.0	58.4	156	108,534	6.38	4.10	...	...	...	...	...	...	...	...
All livestock farms.....	238	9.2	54.7	34.4	33.9	157	48,795	4.95	3.16	...	...	...	...	...	...	...	...
General crop and livestock farms.....	66	5.3	15.2	6.1	6.7	141	10,173	5.23	3.71	...	...	...	...	...	...	...	...
All other farms.....	9	4.4	2.1	0.6	1.0	89	5,122	17.60	19.70	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
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
All crop farms.....	3,211	26.5	67.6	70.3	68.9	296	2,215,896	12.51	4.23	5	(Z)	50.0	92.3	92.3	2,000	550	9.17
All livestock farms.....	751	16.1	15.8	12.2	12.4	285	311,576	9.77	3.42	...	...	...	...	...	...	...	...
General crop and livestock farms.....	755	31.5	15.9	17.3	18.5	272	535,925	11.29	4.15	...	...	...	...	...	...	...	...
All other farms.....	33	9.6	0.7	0.2	0.2	239	3,037	5.86	2.45	5	0.1	50.0	7.7	7.7	2,000	40	8.00
Area 7a.....	2,023	15.9	100.0	100.0	100.0	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
All crop farms.....	1,795	15.9	88.7	88.4	96.5	121	2,921,773	6.50	5.39	...	...	...	...	...	...	...	...
All livestock farms.....	92	8.9	4.5	2.5	1.2	273	68,840	12.44	4.55	...	...	...	...	...	...	...	...
General crop and livestock farms.....	131	34.8	6.5	8.9	2.3	514	218,821	20.54	4.00	...	...	...	...	...	...	...	...
All other farms.....	5	23.6	0.2	0.2	0.1	308	4,300	13.23	4.30	...	...	...	...	...	...	...	...
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
All crop farms.....	2,800	33.0	82.9	92.7	95.5	107	4,401,195	5.83	5.45	6	(Z)	75.0	75.0	86.3	146	100	1.22
All livestock farms.....	324	17.7	9.6	3.9	2.8	154	130,557	5.84	3.80	2	(Z)	25.0	25.0	13.7	308	25	1.92
General crop and livestock farms.....	208	25.0	6.2	3.1	1.7	204	122,712	9.35	4.59	...	...	...	...	...	...	...	...
All other farms.....	46	17.5	1.4	0.3	(2)	1,572	11,628	80.19	5.10	...	...	...	...	...	...	...	...
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
All crop farms.....	2,084	29.6	15.0	16.1	16.6	360	444,538	9.85	2.74	365	3.7	6.9	6.8	7.9	3,107	32,057	5.75
All livestock farms.....	10,088	19.1	72.8	74.6	73.9	374	1,720,038	8.56	2.29	4,327	5.6	81.6	84.7	83.3	3,674	394,170	6.67
General crop and livestock farms.....	1,435	20.3	10.3	8.5	8.7	364	207,103	8.78	2.41	557	5.1	10.5	7.9	8.4	3,407	37,360	6.28
All other farms.....	258	12.1	1.9	0.8	0.8	378	21,501	10.17	2.69	55	1.9	1.0	0.6	0.5	4,761	2,593	7.95
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
All crop farms.....	80	28.4	6.5	9.3	9.1	403	19,685	10.31	2.56	30	8.3	3.7	2.6	5.9	1,589	3,730	6.66
All livestock farms.....	1,028	13.9	83.4	81.7	83.3	388	165,827	9.49	2.44	708	6.3	88.1	88.0	83.4	3,731	60,110	7.55
General crop and livestock farms.....	110	11.8	8.9	8.6	7.3	468	17,705	11.61	2.48	65	7.9	8.1	9.3	10.6	3,094	7,040	6.94
All other farms.....	15	3.0	1.2	0.5	0.4	533	2,850	38.00	7.13	1	0.2	0.1	0.1	0.1	6,000	68	13.60
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
All crop farms.....	1,064	15.2	48.7	25.9	22.5	429	101,021	12.47	2.91	138	3.3	23.4	19.4	22.7	3,044	9,872	5.52
All livestock farms.....	852	21.9	39.0	64.0	69.4	343	215,262	8.61	2.51	367	4.8	62.1	70.9	69.6	3,635	43,512	7.94
General crop and livestock farms.....	249	12.1	11.4	9.5	7.9	450	31,115	10.96	2.43	85	2.5	14.4	9.3	7.4	4,483	2,720	4.69
All other farms.....	22	9.2	1.0	0.5	0.2	933	1,695	22.60	2.42	1	3.7	0.2	0.4	0.4	4,000	66	2.20
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
All crop farms.....	172	8.5	7.2	5.0	4.8	417	13,800	10.35	2.48	45	1.6	4.6	2.4	2.1	3,760	1,670	6.68
All livestock farms.....	1,629	10.9	80.2	83.5	83.2	404	209,162	9.11	2.25	831	4.9	84.5	88.1	86.1	3,369	66,593	6.41
General crop and livestock farms.....	281	14.4	11.7	10.9	10.9	403	30,300	10.04	2.49	105	6.7	10.7	9.4	11.6	2,655	7,680	5.47
All other farms.....	23	5.2	1.0	0.5	1.0	196	1,145	4.02	2.04	2	0.4	0.2	0.1	0.2	2,476	69	3.29
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
All crop farms.....	85	17.1	5.1	7.0	4.5	643	20,635	17.05	2.65	30	8.7	3.9	5.2	6.3	2,862	3,180	5.17
All livestock farms.....	1,406	15.8	84.1	85.8	86.3	408	228,721	9.79	2.40	689	5.9	88.4	90.0	89.2	3,454	62,256	7.10
General crop and livestock farms.....	155	22.7	9.3	6.6	8.6	317	18,530	7.97	2.52	55	4.2	7.1	4.5	4.4	3,517	2,605	5.99
All other farms.....	25	13.3	1.5	0.6	0.7	357	1,655	8.95	2.51	5	0.7	0.6	0.2	0.1	6,000	120	12.00
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
All crop farms.....	175	21.3	20.4	17.2	15.9	403	13,875	9.81	2.43	20	5.9	8.4	10.2	11.7	2,692	1,370	3.51
All livestock farms.....	582	16.7	67.8	73.7	74.3	369	59,704	9.04	2.45	192	5.6	80.7	72.3	67.1	3,341	10,980	4.92
General crop and livestock farms.....	67	18.9	7.8	6.7	8.3	300	7,415	10.10	3.37	21	18.0	8.8	17.4	21.0	2,568	3,011	4.32
All other farms.....	35	10.0	4.1	2.4	1.5	615	2,185	16.81	2.73	5	0.4	2.1	0.1	0.2	2,000	60	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
All crop farms.....	281	44.9	6.3	12.0	12.4	366	114,935	10.30	2.81	56	2.5	3.5	2.7	2.8	3,770	4,375	7.09
All livestock farms.....	3,575	22.3	80.5	78.8	77.9	380	603,118	8.58	2.26	1,331	6.2	82.0	88.5	89.6	3,868	121,869	6.27
General crop and livestock farms.....	451	26.0	10.2	7.7	8.2	357	59,943	8.14	2.28	195	4.9	12.0	7.3	6.4	4,431	11,859	8.51
All other farms.....	133	22.4	3.0	1.4	1.5	355	11,846	8.68	2.45	41	4.2	2.5	1.5	1.2	5,020	2,210	8.67
Area 6.....	1,074	39.3	100.0	100.0	100.0	371	441,051	7.22	2.25	286	4.2	100.0	100.0	100.0	3,901	39,155	5.96
All crop farms.....	227	52.5	21.1	30.7	32.7	300	160,587	8.03	2.67	46	3.6	16.1	19.2	20.6	3,624	7,860	5.80
All livestock farms.....	720	34.9	67.0	60.1	57.8	334	238,244	6.75	2.02	209	4.7	73.1	75.7	72.9	4,052	28,850	6.03
General crop and livestock farms.....	122	35.8	11.4	9.2	9.5	312	42,095	7.29	2.34	31	2.6	10.8	5.1	6.5	3,082	2,445	5.75
All other farms.....	5	...	0.5	(2)	...	...	125	...	3.12	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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 use of lime	
			Farms reporting use of fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting use of lime	Lime used	Acres limed		For lime	Per acre limed			
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			
All crop farms.....	4,947	46.6	5.0	13.2	8.1	364	3,317,587	10.79	2.96	840	2.8	2.5	3.6	3.7	3,778	113,268	6.06			
All livestock farms.....	87,818	29.2	88.6	78.5	83.4	210	19,814,282	6.25	2.98	31,407	4.2	92.2	89.3	3.7	3,856	2,659,088	5.87			
General crop and livestock farms.....	5,928	38.7	6.0	8.1	8.5	213	2,059,142	6.40	3.01	1,773	3.8	5.2	7.0	6.3	4,301	185,524	5.83			
All other farms.....	405	15.6	0.4	0.2	0.1	424	51,850	16.53	3.90	57	2.5	0.2	0.1	0.1	4,312	3,936	7.78			
Area 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			
All crop farms.....	325	47.5	5.6	44.2	22.1	721	601,492	20.83	2.89	25	1.1	1.0	1.6	2.7	2,442	3,235	4.77			
All livestock farms.....	5,225	15.9	90.7	53.1	75.0	255	755,238	7.69	3.02	2,320	3.9	95.6	96.2	94.8	4,077	206,955	8.64			
General crop and livestock farms.....	159	14.1	2.8	2.1	2.5	308	31,327	9.73	3.16	46	1.4	1.9	1.1	1.3	3,352	2,487	7.61			
All other farms.....	54	8.9	0.9	0.6	0.5	467	12,850	21.42	4.59	37	4.4	1.5	1.1	1.2	3,689	2,526	8.53			
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			
All crop farms.....	341	35.3	2.5	6.3	4.4	268	151,726	7.18	2.68	107	5.8	2.2	4.4	4.6	3,983	29,056	8.35			
All livestock farms.....	12,548	27.1	91.5	85.9	87.3	186	2,476,098	5.96	3.20	4,486	4.4	91.5	88.1	87.5	4,178	387,169	5.82			
General crop and livestock farms.....	806	29.1	5.9	7.8	8.2	179	238,715	6.09	3.39	311	4.5	6.3	7.5	8.0	3,919	30,940	5.10			
All other farms.....	20	8.0	0.1	(2)	(2)	133	500	3.70	2.78	...	...	...	...	...	...	...	...			
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			
All crop farms.....	303	36.5	3.3	4.4	4.0	241	75,157	6.70	2.79	46	5.0	1.3	2.0	3.3	2,242	4,591	3.00			
All livestock farms.....	8,492	29.1	92.0	88.7	89.2	216	1,504,008	5.99	2.78	3,469	5.0	94.7	91.6	91.8	3,739	248,380	5.79			
General crop and livestock farms.....	435	36.8	4.7	6.8	6.8	217	118,810	6.17	2.85	150	4.4	4.1	6.5	4.9	4,952	16,440	7.18			
All other farms.....	5	16.3	0.1	(2)	(2)	100	130	1.62	1.62	...	...	...	...	...	...	...	...			
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			
All crop farms.....	207	42.5	2.2	2.7	2.5	208	69,949	6.56	3.15	40	3.4	1.4	1.9	1.4	6,671	5,650	6.65			
All livestock farms.....	8,682	33.9	91.5	91.0	91.2	189	2,229,320	5.73	3.03	2,701	4.8	93.9	93.2	93.5	5,078	329,527	5.94			
General crop and livestock farms.....	591	38.3	6.2	6.3	6.3	189	131,370	4.92	2.60	135	4.3	4.7	5.0	5.1	4,995	17,520	5.85			
All other farms.....	5	25.0	0.1	(2)	(2)	800	175	35.00	4.38	...	...	...	...	...	...	...	...			
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			
All crop farms.....	270	37.6	2.1	4.9	3.1	341	111,575	9.65	2.82	82	5.2	1.3	2.4	1.9	5,247	16,945	10.56			
All livestock farms.....	12,606	26.8	96.3	93.2	95.2	213	2,253,503	6.36	2.99	6,140	6.0	97.3	96.1	95.7	4,228	640,982	8.07			
General crop and livestock farms.....	173	24.0	1.3	1.7	1.6	238	42,695	7.26	3.05	81	8.0	1.3	1.5	2.4	2,629	11,195	5.73			
All other farms.....	41	15.1	0.3	0.2	0.1	283	3,985	8.53	3.02	5	0.5	0.1	(2)	(2)	1,333	100	6.67			
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			
All crop farms.....	496	35.6	8.0	21.5	12.1	434	383,402	12.77	2.94	184	4.2	6.4	6.6	8.2	2,867	18,050	5.08			
All livestock farms.....	5,072	27.8	82.3	67.8	76.3	216	1,153,093	6.07	2.81	2,397	5.3	83.9	84.5	82.6	3,630	204,389	5.68			
General crop and livestock farms.....	580	31.1	9.4	10.7	11.6	224	196,183	6.78	3.03	275	4.3	9.6	9.0	9.2	3,451	26,982	6.72			
All other farms.....	15	4.3	0.2	0.1	(2)	267	1,085	9.04	3.39	...	...	...	...	...	...	...	...			
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			
All crop farms.....	571	44.0	6.4	14.3	8.5	429	299,783	13.08	3.05	20	0.3	1.0	0.7	0.6	2,968	955	6.16			
All livestock farms.....	8,052	24.4	90.6	80.0	86.6	237	1,606,254	6.91	2.91	2,015	2.6	97.3	96.5	97.3	2,645	126,792	5.20			
General crop and livestock farms.....	255	35.9	2.9	5.7	4.8	303	112,540	8.71	2.87	30	1.4	1.4	2.8	2.0	3,760	3,060	6.12			
All other farms.....	10	0.7	0.1	(2)	(2)	1,600	420	42.00	2.62	5	1.0	0.2	(2)	0.1	667	75	5.00			
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			
All crop farms.....	400	39.4	3.9	7.2	5.7	276	158,691	7.45	2.70	66	1.6	2.2	2.5	2.1	1,859	2,882	3.28			
All livestock farms.....	9,250	21.9	90.1	84.2	86.4	212	1,977,135	6.12	2.88	2,833	2.7	94.9	91.6	95.6	1,502	84,365	2.15			
General crop and livestock farms.....	562	33.8	5.5	8.3	7.8	231	200,030	6.83	2.96	85	1.1	2.8	5.8	2.3	4,021	4,360	4.66			
All other farms.....	60	65.0	0.6	0.3	0.1	508	9,215	19.82	3.90	...	...	...	...	...	...	...	...			
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			
All crop farms.....	1,506	56.0	7.5	13.5	10.8	265	972,178	8.31	3.13	235	2.6	4.2	5.8	5.7	4,367	29,389	5.31			
All livestock farms.....	16,289	39.8	81.4	74.3	76.1	207	5,174,308	6.27	3.04	4,724	3.9	84.2	79.3	82.0	4,103	405,569	5.08			
General crop and livestock farms.....	2,157	49.5	10.8	12.0	13.0	195	844,497	5.97	3.06	645	4.2	11.5	14.6	12.2	5,075	70,605	5.94			
All other farms.....	55	51.7	0.3	0.1	0.1	284	8,310	12.31	4.33	5	13.4	0.1	0.3	0.2	6,000	1,200	6.86			
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			
All crop farms.....	528	61.7	21.3	36.5	23.6	513	493,634	15.04	2.93	35	0.8	9.3	8.0	6.4	2,651	2,515	5.85			
All livestock farms.....	1,602	47.1	64.6	51.5	65.1	262	685,325	7.56	2.89	322	2.8	85.4	86.0	80.6	2,248	24,960	4.58			
General crop and livestock farms.....	210	60.6	8.5	11.0	10.9	337	142,975	9.47	2.81	15	3.5	4.0	5.9	12.9	960	1,935	2.21			
All other farms.....	140	32.8	5.6	0.9	0.4	710	15,180	26.17	3.68	5	0.3	1.3	0.1	0.1	2,000	35	7.00			
Wyoming, total.....	2,169	4.4	100.0	100.0	100.0	194	991,756	8.26	4.25	7	(2)	100.0	100.0	100.0	1,321	1,958	2.05			
All crop farms.....	807	7.4	37.2	35.0	34.3	198	357,633	8.69	4.39	1	0.1	14.3	47.5	31.4	2,000	1,188	3.96			
All livestock farms.....	833	2.7	38.4	40.9	43.3	184	398,186	7.66	4.17	6	(2)	85.7	52.5	68.6	1,011	770	1.18			
General crop and livestock farms.....	509	11.0	23.5	24.0	22.4	208	235,037	8.73	4.19	...	...	...	...	...	...	...	...			
All other farms.....	20	0.6	0.9	0.1	(2)	1,000	900	45.00	4.50	...	...	...	...	...	...	...	...			
Area 1.....	134	0.7	100.0	100.0	100.0	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...			
All crop farms.....	17	1.8	12.7	13.1	10.0	283	3,743	6.24	2.20	...	...	...	...	...	...	...	...			
All livestock farms.....	88	0.6	65.7	65.6	79.9	178	28,790	5.99	3.37	...	...	...	...	...	...	...	...			
General crop and livestock farms.....	19	1.6	14.2	20.6	9.9	449	7,562	12.67	2.82	...	...	...	...	...	...	...	...			
All other farms.....	10	1.4	7.5	0.8	0.2	1,000	300	30.00	3.00	...	...	...	...	...	...	...	...			
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			
All crop farms.....	477	23.2	36.1	35.0	33.4	200	224,980	8.62	4.30	...	...	...	...	...	...	...	...			
All livestock farms.....	476	8.4	36.1	38.4	41.1	178</														

USE OF FERTILIZER AND LIME

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Table 6.—USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954—Continued

State, economic area, and type of farm	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
Wyoming—Continued																	
Area 2b.....	715	2.7	100.0	100.0	100.0	198	308,666	8.62	4.36	2	(2)	100.0	100.0	100.0	1,912	1,208	3.78
All crop farms.....	313	3.5	43.8	38.8	40.3	190	128,910	8.93	4.69	1	0.1	50.0	98.0	93.8	2,000	1,188	3.96
All livestock farms.....	269	1.8	37.6	41.6	41.9	197	121,994	8.14	4.14	1	(2)	50.0	2.0	6.2	600	20	1.00
General crop and livestock farms...	123	7.7	17.2	19.4	17.8	216	57,162	8.98	4.16	...	...	...	...	...	...	...	...
All other farms.....	10	0.6	1.4	0.1	(2)	1,000	600	60.00	6.00	...	...	...	...	...	...	...	...

2 Less than 0.05.