

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954

State, economic area, and economic class of farm	Total number of farms	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
United States, total	4,783,021	2,916,406	25.6	100.0	100.0	100.0	309	1,079,265,372	8.79	2.85	520,445	2.2	100.0	100.0	100.0	3,290	69,477,336	6.62
Commercial farms.....	3,327,617	2,294,961	26.0	78.7	94.0	94.6	307	1,024,105,436	8.81	2.87	450,850	2.2	86.6	94.2	93.1	3,328	65,021,932	6.65
Class I.....	134,003	96,078	30.3	3.3	20.8	17.8	361	253,328,417	11.60	3.21	24,538	2.2	4.7	13.7	14.9	3,021	10,615,240	6.80
Class II.....	448,945	326,108	26.5	11.2	22.1	24.8	276	250,912,988	8.25	2.99	96,808	2.4	18.6	28.1	26.2	3,529	19,124,948	6.94
Class III.....	706,929	488,587	23.5	16.8	19.7	22.3	273	213,197,369	7.80	2.86	128,738	2.2	24.7	25.8	24.4	3,478	17,193,656	6.71
Class IV.....	811,965	554,153	24.0	19.0	16.3	16.0	315	164,412,698	8.37	2.65	106,068	2.0	20.4	15.7	15.6	3,315	10,542,820	6.45
Class V.....	763,348	527,738	27.3	18.1	11.0	10.1	336	105,284,697	8.50	2.53	68,914	2.1	13.2	8.4	9.1	3,042	5,778,637	6.06
Class VI.....	462,427	302,297	26.4	10.4	4.0	3.7	334	36,969,267	8.05	2.41	25,784	1.8	5.0	2.5	3.0	2,824	1,766,631	5.67
Other farms.....	1,455,404	621,445	20.7	21.3	6.0	5.4	346	55,159,936	8.36	2.42	69,595	2.3	13.4	5.8	6.9	2,768	4,455,404	6.15
Alabama, total.....	176,949	144,296	57.8	100.0	100.0	100.0	403	40,319,911	8.43	2.09	6,793	2.8	100.0	100.0	100.0	1,775	1,163,425	5.08
Commercial farms.....	95,107	89,346	62.1	61.9	87.0	85.8	409	35,036,378	8.55	2.09	5,209	3.0	76.7	87.0	85.4	1,807	1,001,520	5.12
Class I.....	1,017	862	48.6	0.6	8.4	6.6	516	3,053,896	9.73	1.89	245	5.0	3.6	16.5	14.1	2,065	165,952	5.12
Class II.....	3,301	2,976	57.0	2.1	11.9	10.5	459	4,625,306	9.25	2.02	633	4.2	9.3	18.0	16.1	1,978	203,674	5.51
Class III.....	6,132	5,691	60.5	3.9	12.6	12.1	420	5,059,379	8.73	2.08	1,037	4.5	15.3	17.4	18.7	1,647	221,162	5.15
Class IV.....	17,126	16,216	68.0	11.2	20.2	20.4	399	8,247,456	8.47	2.12	1,353	2.8	19.9	16.5	17.3	1,692	198,241	5.02
Class V.....	32,335	30,695	67.2	21.3	21.9	23.0	383	9,093,396	8.25	2.15	1,440	2.1	21.2	15.3	15.3	1,769	170,662	4.86
Class VI.....	35,196	32,906	60.0	22.8	11.9	13.2	363	4,956,945	7.85	2.16	501	0.8	7.4	3.4	3.8	1,584	41,829	4.80
Other farms.....	81,842	54,950	40.8	38.1	13.0	14.2	367	5,283,533	7.76	2.11	1,584	2.0	23.3	13.0	14.6	1,587	161,905	4.85
Area 1.....	21,655	17,982	60.9	100.0	100.0	100.0	365	5,006,670	7.16	1.96	1,040	2.9	100.0	100.0	100.0	2,309	154,471	4.62
Commercial farms.....	13,866	13,284	64.5	73.9	92.2	91.8	367	4,618,765	7.20	1.96	920	3.2	88.5	96.2	94.3	2,356	146,531	4.64
Class I.....	126	125	65.8	0.7	10.4	9.1	422	522,247	8.25	1.96	52	6.2	5.0	21.8	17.9	2,813	26,593	4.45
Class II.....	421	413	64.8	2.3	12.4	11.9	382	631,401	7.59	1.99	119	4.2	11.4	19.3	16.2	2,754	29,479	5.45
Class III.....	1,090	1,026	59.5	5.7	15.0	14.4	380	750,599	7.43	1.96	194	3.4	18.7	16.1	17.4	2,141	26,362	4.53
Class IV.....	3,037	2,944	67.6	16.4	21.6	22.6	349	1,111,749	7.03	2.01	222	2.3	21.3	15.5	15.8	2,265	23,917	4.51
Class V.....	5,394	5,239	67.1	29.1	23.7	24.3	356	1,159,594	6.83	1.92	237	2.9	22.8	18.7	22.0	1,964	29,395	4.00
Class VI.....	3,798	3,537	58.7	19.7	9.0	9.5	347	443,175	6.68	1.92	96	1.5	9.2	4.8	5.1	2,197	10,785	6.34
Other farms.....	7,789	4,698	37.4	26.1	7.8	8.2	348	387,905	6.73	1.93	120	1.2	11.5	3.8	5.7	1,534	7,940	4.20
Area 2.....	25,019	21,207	72.8	100.0	100.0	100.0	446	6,453,128	10.41	2.33	690	1.9	100.0	100.0	100.0	1,995	73,813	4.62
Commercial farms.....	16,703	15,880	76.8	74.9	89.2	89.2	447	5,781,491	10.46	2.34	550	2.0	79.7	88.5	90.4	1,954	66,113	4.58
Class I.....	149	118	76.8	0.6	1.8	1.6	482	97,824	9.67	2.01	11	15.0	1.6	11.9	12.4	1,921	7,212	3.65
Class II.....	578	481	70.9	2.3	5.7	5.1	491	363,138	11.40	2.32	25	2.4	3.6	7.5	6.6	2,245	4,856	4.57
Class III.....	716	660	76.8	3.1	8.1	8.0	455	498,137	10.06	2.21	46	4.2	6.7	18.5	17.1	2,153	13,049	4.77
Class IV.....	3,483	3,321	76.6	15.7	26.6	26.6	446	1,757,222	10.65	2.39	195	2.0	28.3	26.4	27.6	1,908	20,990	4.76
Class V.....	6,936	6,665	79.4	31.4	32.9	33.4	440	2,169,462	10.48	2.38	208	1.3	30.1	19.0	21.2	1,789	16,271	4.80
Class VI.....	4,841	4,635	73.9	21.9	14.1	14.4	438	895,708	10.05	2.29	65	0.7	9.4	5.2	5.5	1,909	3,735	4.27
Other farms.....	8,316	5,327	50.7	25.1	10.8	10.8	445	671,637	10.02	2.25	140	1.2	20.3	11.5	9.6	2,377	7,700	5.00
Area 3 and A.....	19,560	14,245	50.5	100.0	100.0	100.0	402	3,096,079	8.59	2.14	850	3.8	100.0	100.0	100.0	1,761	123,851	4.56
Commercial farms.....	7,240	6,536	57.6	45.9	78.8	75.4	420	2,450,514	9.02	2.15	461	4.0	54.2	72.0	69.5	1,824	83,231	4.40
Class I.....	129	91	60.5	0.6	6.9	4.8	577	174,193	10.08	1.75	24	11.1	2.8	10.3	11.6	1,562	10,667	3.38
Class II.....	275	224	51.7	1.6	8.2	7.8	424	243,215	8.66	2.04	73	7.5	8.6	17.0	15.1	1,986	20,917	5.11
Class III.....	589	501	58.2	3.5	11.1	11.2	400	348,617	8.65	2.16	83	5.8	9.8	14.9	14.7	1,791	16,578	4.15
Class IV.....	1,674	1,544	64.1	10.8	22.7	21.6	422	723,556	9.29	2.20	96	2.7	11.3	13.2	12.0	1,944	17,007	5.22
Class V.....	2,405	2,232	60.1	15.7	20.5	20.0	413	672,533	9.35	2.27	160	3.5	18.8	15.3	15.3	1,756	16,712	4.01
Class VI.....	2,168	1,944	46.3	13.6	9.3	10.1	372	463,175	7.94	2.13	25	0.3	2.9	1.3	0.8	2,667	1,350	6.00
Other farms.....	12,320	7,709	36.7	54.1	21.2	24.6	347	645,565	7.29	2.10	389	3.4	45.8	28.0	30.5	1,616	40,620	4.90
Areas 4 and B.....	15,260	11,837	42.3	100.0	100.0	100.0	389	2,341,129	8.41	2.16	713	3.3	100.0	100.0	100.0	1,784	135,668	6.26
Commercial farms.....	6,170	5,780	48.1	48.8	75.2	74.2	394	1,773,715	8.59	2.18	443	3.8	62.1	74.0	76.0	1,738	99,806	6.06
Class I.....	56	41	37.2	0.3	4.1	2.9	553	62,612	10.33	1.87	13	4.9	1.8	5.6	4.9	2,051	7,275	6.92
Class II.....	243	229	43.3	1.9	10.4	8.9	452	251,473	10.14	2.24	62	6.2	8.7	17.8	16.2	1,954	26,999	7.66
Class III.....	285	251	43.1	2.1	8.4	7.6	430	199,726	9.46	2.20	53	6.1	7.4	9.6	13.8	1,242	15,238	5.09
Class IV.....	597	555	52.9	4.7	12.1	11.6	404	271,898	8.41	2.08	88	8.4	12.3	20.5	23.8	1,538	25,976	5.04
Class V.....	1,974	1,830	49.3	15.5	21.6	22.8	369	516,328	8.14	2.20	143	1.9	20.1	13.8	11.2	2,193	15,912	6.55
Class VI.....	3,015	2,874	50.9	24.3	18.6	20.4	355	451,678	7.94	2.24	84	1.2	11.8	6.8	6.1	1		

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of form	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
Alabama—Continued																		
Area 7b.....	6,430	5,397	52.6	100.0	100.0	100.0	338	728,755	7.40	2.19	108	1.4	100.0	100.0	100.0	1,714	16,337	6.19
Commercial farms.....	1,929	1,872	53.6	34.7	66.6	65.5	344	488,156	7.57	2.20	57	1.5	52.8	66.6	68.7	1,662	11,607	6.40
Class I.....	10	10	22.2	0.2	1.0	1.1	305	7,163	6.62	2.17	...	...	...	...	...	...	...	
Class II.....	28	25	48.0	0.5	5.7	3.6	535	36,929	10.44	1.95	5	3.0	4.6	9.5	8.3	1,954	2,169	9.90
Class III.....	55	54	45.2	1.0	7.3	6.3	396	52,830	8.56	2.16	5	1.3	4.6	9.3	6.7	2,360	2,514	14.12
Class IV.....	205	196	55.8	3.6	14.5	14.7	333	105,018	7.24	2.18	15	3.6	13.9	29.8	35.4	1,445	4,208	4.51
Class V.....	436	423	61.0	7.8	18.6	19.7	320	138,742	7.15	2.23	25	1.0	23.1	12.9	11.7	1,883	1,820	5.89
Class VI.....	1,195	1,164	54.0	21.6	19.5	20.1	328	147,474	7.46	2.27	7	0.5	6.5	5.2	6.6	1,349	896	5.12
Other farms.....	4,501	3,525	50.9	65.3	33.4	34.5	327	240,599	7.07	2.16	51	1.2	47.2	33.4	31.3	1,830	4,730	5.73
Areas 8 and D.....	6,904	5,271	73.1	100.0	100.0	100.0	638	3,135,005	12.90	2.02	376	3.4	100.0	100.0	100.0	1,783	69,185	6.15
Commercial farms.....	3,045	2,824	78.4	53.6	90.4	87.1	662	2,837,949	13.41	2.03	313	3.8	83.2	89.0	90.4	1,755	62,103	6.10
Class I.....	132	131	85.6	2.5	24.0	16.0	954	724,910	18.61	1.95	34	4.6	9.0	19.7	18.7	1,871	15,290	7.26
Class II.....	356	324	78.3	6.1	23.2	21.4	692	746,815	14.39	2.08	56	4.0	14.9	26.2	23.5	1,990	16,636	6.31
Class III.....	415	382	86.1	7.2	15.6	16.8	592	496,507	12.13	2.05	105	6.2	27.9	26.4	26.3	1,784	18,783	6.34
Class IV.....	572	528	75.1	10.0	12.5	13.7	584	392,464	11.79	2.02	50	4.2	13.3	10.8	16.4	1,165	6,917	3.74
Class V.....	834	775	76.5	14.7	10.7	13.1	521	333,460	10.48	2.01	62	1.4	16.5	5.7	5.0	2,014	4,192	7.41
Class VI.....	736	684	59.8	13.0	4.4	6.1	460	143,793	9.73	2.12	6	0.2	1.6	0.4	0.4	1,600	285	5.70
Other farms.....	3,859	2,447	50.1	46.4	9.6	12.9	474	297,056	9.46	1.99	63	1.7	16.8	11.0	9.6	2,045	7,082	6.59
Arizona, total.....	9,285	3,397	47.1	100.0	100.0	100.0	310	12,425,718	15.56	5.01	14	0.1	100.0	100.0	100.0	1,786	10,942	7.85
Commercial farms.....	6,216	3,074	52.0	90.5	98.6	98.1	312	12,266,614	15.65	5.02	13	(2)	92.9	46.6	48.4	1,721	3,875	5.75
Class I.....	2,114	1,666	60.9	49.0	91.9	90.3	316	11,521,719	15.97	5.06	3	(2)	21.4	18.5	16.1	2,054	2,500	11.16
Class II.....	1,273	668	27.0	19.7	4.7	5.1	283	520,885	12.76	4.51	5	0.2	35.7	20.1	17.9	2,000	1,000	4.00
Class III.....	909	364	20.4	10.7	1.4	1.7	249	148,251	10.97	4.40	5	0.3	35.7	8.0	14.3	1,000	375	1.88
Class IV.....	858	176	7.9	5.2	0.4	0.5	234	41,417	10.50	4.49	...	...	...	...	...	...	...	...
Class V.....	761	175	12.4	5.2	0.3	0.4	214	32,372	9.31	4.35	...	...	...	...	...	...	...	...
Class VI.....	301	25	1.0	0.7	(2)	(2)	128	1,970	7.43	5.79	...	...	...	...	...	...	...	...
Other farms.....	3,069	323	8.1	9.5	1.4	1.9	230	159,104	10.53	4.58	1	0.4	7.1	53.4	51.6	1,847	7,067	9.82
Area 1.....	1,898	216	3.7	100.0	100.0	100.0	199	70,213	8.23	4.13	...	...	...	...	...	...	...	...
Commercial farms.....	1,009	154	5.4	71.3	93.2	94.1	197	64,928	8.08	4.10	...	...	...	...	...	...	...	...
Class I.....	174	34	9.7	15.7	49.2	55.4	177	35,038	7.42	4.19	...	...	...	...	...	...	...	...
Class II.....	168	19	5.6	8.8	20.7	12.9	319	11,488	10.42	3.26	...	...	...	...	...	...	...	...
Class III.....	211	48	4.0	22.2	16.9	14.6	232	13,852	11.14	4.81	...	...	...	...	...	...	...	...
Class IV.....	182	21	3.1	9.7	2.7	8.7	62	2,045	2.77	4.45	...	...	...	...	...	...	...	...
Class V.....	180	27	1.8	12.5	3.5	2.3	300	2,425	12.12	4.04	...	...	...	...	...	...	...	...
Class VI.....	94	5	0.2	2.3	0.1	0.3	80	80	3.20	4.00	...	...	...	...	...	...	...	...
Other farms.....	889	62	0.6	28.7	6.8	5.9	232	5,285	10.57	4.56	...	...	...	...	...	...	...	...
Area A.....	3,491	1,611	61.1	100.0	100.0	100.0	315	5,606,221	15.81	5.02	5	(2)	100.0	100.0	100.0	1,000	375	1.88
Commercial farms.....	2,385	1,429	62.2	88.7	99.2	99.4	314	5,569,904	15.80	5.03	5	(2)	100.0	100.0	100.0	1,000	375	1.88
Class I.....	934	754	66.9	46.8	92.6	92.3	316	5,244,191	16.03	5.08	...	...	...	...	...	...	...	...
Class II.....	519	318	30.4	19.7	4.3	4.5	302	211,758	13.32	4.41	...	...	...	...	...	...	...	...
Class III.....	290	160	47.3	9.9	1.5	1.7	291	74,865	12.74	4.37	5	1.6	100.0	100.0	100.0	1,000	375	1.88
Class IV.....	315	102	23.6	6.3	0.5	0.6	295	24,160	12.30	4.17	...	...	...	...	...	...	...	...
Class V.....	267	85	33.0	5.3	0.3	0.4	194	13,495	8.85	4.56	...	...	...	...	...	...	...	...
Class VI.....	60	10	24.1	0.6	(2)	(2)	62	1,435	7.36	11.96	...	...	...	...	...	...	...	...
Other farms.....	1,106	182	15.1	11.3	0.8	0.6	435	36,317	18.04	4.15	...	...	...	...	...	...	...	...
Area 2a.....	1,615	1,029	54.5	100.0	100.0	100.0	324	5,813,314	16.28	5.03	3	(2)	100.0	100.0	100.0	2,054	2,500	11.16
Commercial farms.....	1,245	1,006	60.5	97.8	98.2	96.9	328	5,712,119	16.51	5.03	3	(2)	100.0	100.0	100.0	2,054	2,500	11.16
Class I.....	692	668	63.0	64.9	92.7	90.7	331	5,430,689	16.76	5.07	3	(2)	100.0	100.0	100.0	2,054	2,500	11.16
Class II.....	225	190	44.3	18.5	4.2	4.5	299	219,653	13.64	4.57	...	...	...	...	...	...	...	...
Class III.....	125	97	35.8	9.4	1.0	1.2	261	44,485	10.25	3.92	...	...	...	...	...	...	...	...
Class IV.....	89	20	8.1	1.9	0.1	0.1	447	5,700	16.76	3.75	...	...	...	...	...	...	...	...
Class V.....	63	26	27.2	2.5	0.2	0.3	243	11,242	10.69	4.39	...	...	...	...	...	...	...	...
Class VI.....	51	5	3.2	0.5	(2)	(2)	640	350	14.00	2.19	...	...	...	...	...	...	...	...
Other farms.....	370	23	13.5	2.2	1.8	3.1	186	101,195	9.00	4.83	...	...	...	...	...	...	...	...
Area 2b.....	2,281	541	34.2	100.0	100.0	100.0	242	935,970	11.92	4.92	6	0.4	100.0	100.0	100.0	1,887	8,067	8.32
Commercial farms.....	1,577	485	35.3	89.6	98.0	98.3	242	919,663	11.91	4.93	5	0.1	83.3	27.3	25.8	2,000	1,000	4.00
Class I.....	314	210	49.1	38.8	87.0	83.8	252	811,801	12.34	4.90	...	...	...	...	...	...	...	...
Class II.....	361	141	18.0	26.1	8.3	9.8	204	77,986	10.08	4.94	5	0.6	83.3	27.3	25.8	2,000	1,000	4.00
Class III.....	283	59	19.3	10.9	1.2	2.6	113	15,049	7.34	6.49	...	...	...	...	...	...	...	...
Class IV.....	272	33	6.5	6.1	0.8	1.1	160	9,512	10.55	6.61	...	...	...	...	...	...	...	...
Class V.....	251	37	8.1	6.8														

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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 used	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Lime used	Acres limed	For lime		Per acre limed				
Arkansas—Continued																					
Area 1b.....	16,456	6,916	12.1	100.0	100.0	100.0	261	684,004	6.39	2.45	651	0.7	100.0	100.0	100.0	3,432	45,505	7.30			
Commercial farms.....	7,590	4,308	14.4	62.3	79.0	78.7	262	548,702	6.52	2.48	521	0.9	80.0	84.5	86.7	3,346	39,095	7.23			
Class I.....	130	62	13.4	0.9	2.7	2.7	265	19,250	6.78	2.56	21	2.0	3.2	4.4	6.7	2,273	2,206	5.29			
Class II.....	353	139	15.9	2.0	6.1	6.4	249	48,294	7.01	2.82	33	1.2	5.1	11.1	8.0	4,728	6,787	13.57			
Class III.....	385	234	20.1	3.4	10.3	8.3	324	78,084	8.74	2.70	33	0.9	5.1	6.3	6.1	3,583	2,444	6.45			
Class IV.....	1,037	673	17.3	9.7	17.4	16.7	272	121,734	6.79	2.50	149	1.5	22.9	21.8	25.3	2,961	9,228	5.86			
Class V.....	2,516	1,538	13.9	22.2	23.2	23.9	254	160,295	6.28	2.47	175	0.9	26.9	28.4	26.9	3,629	12,575	7.50			
Class VI.....	3,169	1,662	11.7	24.0	19.2	20.6	244	121,045	5.48	2.25	110	0.5	16.9	12.5	13.7	3,112	5,855	6.84			
Other farms.....	8,866	2,608	7.7	37.7	21.0	21.3	258	135,302	5.92	2.30	130	0.3	20.0	15.5	13.3	3,988	6,410	7.72			
Area 2.....	11,330	5,220	18.7	100.0	100.0	100.0	262	836,326	7.10	2.71	462	1.2	100.0	100.0	100.0	3,150	42,559	5.56			
Commercial farms.....	4,632	3,010	22.4	57.7	78.9	83.7	247	691,418	7.01	2.84	260	1.3	56.3	62.5	72.2	2,725	27,004	4.88			
Class I.....	122	71	28.4	1.4	8.0	6.8	311	67,180	8.42	2.71	16	3.1	3.5	9.1	11.2	2,558	3,420	3.98			
Class II.....	349	210	27.7	4.0	14.5	15.0	254	135,162	7.67	3.02	23	1.3	5.0	7.7	10.9	2,220	3,727	4.46			
Class III.....	521	328	28.5	6.3	13.6	15.9	225	131,788	7.05	3.13	34	1.4	7.4	11.2	11.7	3,009	4,503	5.03			
Class IV.....	581	457	26.1	8.8	14.2	15.1	247	123,365	6.91	2.81	53	1.3	11.5	11.7	11.9	3,117	6,199	6.83			
Class V.....	1,374	971	17.9	18.6	16.1	17.1	246	134,103	6.65	2.70	78	1.3	16.9	15.2	19.4	2,456	5,935	3.98			
Class VI.....	1,685	973	16.0	18.6	12.4	13.8	236	99,820	6.13	2.60	56	0.5	12.1	7.6	7.1	3,376	3,220	5.91			
Other farms.....	6,698	2,210	10.2	42.3	21.1	16.3	340	144,908	7.55	2.22	202	1.1	43.7	37.5	27.8	4,255	15,555	7.31			
Areas 3 and A.....	14,919	7,969	21.4	100.0	100.0	100.0	262	1,541,975	7.28	2.78	420	0.6	100.0	100.0	100.0	3,593	41,464	7.06			
Commercial farms.....	7,395	5,482	24.5	68.8	87.7	88.1	261	1,370,490	7.35	2.81	329	0.7	78.3	86.5	84.4	3,683	35,409	7.15			
Class I.....	99	79	34.1	1.0	8.6	9.7	233	153,252	7.45	3.19	13	0.5	3.1	3.7	4.8	2,780	1,687	5.98			
Class II.....	372	286	30.3	3.6	13.3	13.6	258	204,984	7.13	2.77	27	0.6	6.4	19.2	9.1	7,617	4,788	8.98			
Class III.....	842	625	25.5	7.8	16.1	15.9	266	243,167	7.24	2.72	61	1.1	14.5	20.3	24.4	2,996	8,317	5.82			
Class IV.....	1,296	1,004	25.4	12.6	19.0	17.9	278	334,241	8.82	3.17	69	0.7	16.4	20.0	17.6	4,081	9,657	9.33			
Class V.....	2,331	1,806	24.1	22.7	19.8	20.1	259	285,702	6.73	2.60	112	0.6	26.7	17.6	19.5	3,238	8,210	7.17			
Class VI.....	2,455	1,682	15.7	21.1	10.9	11.0	259	149,144	6.40	2.47	47	0.4	11.2	5.6	9.0	2,245	2,750	5.19			
Other farms.....	7,524	2,487	11.0	31.2	12.3	11.9	271	171,485	6.81	2.51	91	0.4	21.7	13.5	15.6	3,106	6,055	6.62			
Area 4.....	10,149	3,630	12.5	100.0	100.0	100.0	244	346,916	6.18	2.54	359	1.5	100.0	100.0	100.0	2,283	31,373	4.61			
Commercial farms.....	2,839	1,523	15.8	42.0	69.1	71.2	236	248,721	6.22	2.63	223	1.8	62.1	76.8	68.8	2,551	23,793	5.08			
Class I.....	49	19	30.7	0.5	5.3	5.7	227	27,975	8.58	3.79	3	1.9	0.8	5.5	2.9	4,392	1,284	6.62			
Class II.....	133	66	21.6	1.8	4.8	7.1	165	18,884	4.74	2.86	27	3.2	7.5	10.2	8.6	2,695	3,935	6.70			
Class III.....	276	118	23.3	3.3	10.1	12.5	197	36,986	5.28	2.68	10	1.3	2.8	10.0	5.9	3,877	4,219	10.44			
Class IV.....	391	230	14.6	6.3	13.8	12.6	267	47,652	6.71	2.52	74	3.1	20.6	26.1	22.2	2,679	6,210	4.11			
Class V.....	703	419	14.8	11.5	18.7	17.9	255	62,438	6.22	2.44	44	1.7	12.3	11.0	17.2	1,453	4,215	3.59			
Class VI.....	1,287	671	11.0	18.5	16.3	15.4	258	55,186	6.39	2.47	65	1.0	18.1	14.2	11.9	2,716	3,930	4.85			
Other farms.....	7,310	2,107	8.3	58.0	30.9	28.8	262	98,195	6.08	2.32	136	1.1	37.9	23.2	31.2	1,694	7,580	3.57			
Area 5.....	10,707	5,987	27.1	100.0	100.0	100.0	237	972,421	6.16	2.60	229	1.0	100.0	100.0	100.0	1,578	20,925	3.49			
Commercial farms.....	4,332	3,129	31.5	52.3	79.3	80.7	233	787,476	6.18	2.65	129	1.1	56.3	79.8	76.6	1,645	15,885	3.46			
Class I.....	72	46	41.2	0.8	10.4	10.1	244	115,253	7.26	2.97	3	0.7	1.3	6.3	4.4	2,264	1,340	5.06			
Class II.....	205	182	32.4	3.0	10.6	11.1	227	99,617	5.69	2.51	15	0.6	6.6	10.8	5.2	3,303	2,302	7.43			
Class III.....	405	328	34.1	5.5	13.9	14.6	225	148,960	6.44	2.87	23	4.0	10.0	19.4	45.7	670	3,885	1.42			
Class IV.....	596	440	29.3	7.3	14.1	13.8	243	138,582	6.38	2.63	21	0.4	9.2	9.3	4.7	3,143	2,265	8.09			
Class V.....	1,190	877	32.8	14.6	16.3	16.6	233	154,026	5.88	2.53	36	0.8	15.7	20.9	10.3	3,210	3,298	5.36			
Class VI.....	1,864	1,256	25.5	21.0	14.1	14.5	230	131,038	5.71	2.48	31	0.4	13.5	13.0	6.4	3,230	2,795	7.32			
Other farms.....	6,375	2,858	17.1	47.7	20.7	19.3	253	184,945	6.06	2.39	100	0.8	43.7	20.2	23.4	1,359	5,040	3.59			
Area 6.....	13,525	8,382	32.3	100.0	100.0	100.0	270	1,407,117	7.64	2.83	211	1.0	100.0	100.0	100.0	2,532	34,049	6.10			
Commercial farms.....	5,124	4,461	38.8	53.2	82.7	82.2	272	1,174,387	7.75	2.85	150	1.3	71.1	88.3	89.6	2,495	30,719	6.14			
Class I.....	82	73	40.8	0.9	13.0	14.8	237	200,115	7.33	3.09	12	2.5	5.7	20.2	30.2	1,688	7,305	4.33			
Class II.....	123	116	55.3	1.4	8.8	10.1	234	133,236	7.14	3.04	4	0.7	1.9	6.0	4.5	3,368	2,021	8.08			
Class III.....	338	317	37.8	3.8	9.2	9.2	272	125,524	7.44	2.74	20	2.6	9.5	14.6	20.5	1,801	4,773	4.17			
Class IV.....	901	815	41.0	9.7	18.0	16.0	304	260,196	8.83	2.90	43	1.0	20.4	16.7	13.0	3,255	5,700	7.86			
Class V.....	1,912	1,718	40.0	20.5	23.1	21.7	288	320,605	8.03	2.78	61	1.0	28.9	27.0	18.3	3,735	10,130	9.93			
Class VI.....	1,768	1,422	26.2	17.0	10.5	10.5	273	134,711	6.99	2.57	10	0.2	4.7	4.0	3.1	3,200	790	4.51			
Other farms.....	8,401	3,921	18.1	46.8	17.3	17.8	263	232,730	7.11	2.70	61	0.3	28.9	11.7	10.4	2,845	3,330	5.74			
Area 7a.....	22,474	16,894	35.9	100.0	100.0	100.0	229	5,112,649	7.44	3.25	604	0.9	100.0	100.0	100.0	3,103	90,087	5.48			
Commercial farms.....	19,155	15,978	36.8	94																	

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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
Arkansas—Continued																		
Area 8b.....	10,017	7,625	46.3	100.0	100.0	100.0	246	2,545,505	8.20	3.33	121	0.8	100.0	100.0	100.0	2,502	27,583	4.97
Commercial farms.....	8,028	7,024	47.7	92.1	96.7	95.7	249	2,474,530	8.33	3.35	116	0.9	95.9	99.9	99.9	2,501	27,553	4.97
Class I.....	341	300	41.8	3.9	29.0	32.7	218	739,982	7.29	3.34	29	1.2	24.0	62.4	53.8	2,899	15,108	5.06
Class II.....	497	472	48.3	6.2	19.4	17.9	266	485,745	8.74	3.28	25	0.9	20.7	11.7	18.8	1,567	2,935	2.86
Class III.....	938	905	55.8	11.9	16.1	15.3	260	436,288	9.18	3.53	26	1.0	21.5	15.9	15.8	2,514	6,175	7.06
Class IV.....	1,799	1,687	55.7	22.1	14.5	13.7	260	380,785	8.94	3.43	26	0.6	21.5	7.7	8.6	2,253	2,560	5.39
Class V.....	2,985	2,580	53.9	33.8	14.1	12.8	271	346,795	8.71	3.22	10	0.2	8.3	2.2	3.0	1,818	775	4.70
Class VI.....	1,468	1,080	33.5	14.2	3.5	3.2	275	84,935	8.62	3.14	...	...	...	...	...	...	...	...
Other farms.....	1,989	601	28.5	7.9	3.3	4.3	190	70,975	5.28	2.78	5	(2)	4.1	0.1	0.1	4,000	30	6.00
California, total.....	123,002	47,040	27.8	100.0	100.0	100.0	421	63,005,370	16.26	3.87	1,910	0.5	100.0	100.0	100.0	3,824	804,261	11.42
Commercial farms.....	89,426	40,956	28.5	87.1	98.9	98.8	421	62,364,157	16.29	3.87	1,770	0.5	92.7	99.3	98.8	3,842	796,647	11.45
Class I.....	18,234	11,429	34.9	24.3	79.1	78.4	424	50,244,676	16.53	3.90	647	0.6	33.9	80.7	74.0	4,171	595,969	11.45
Class II.....	20,215	10,461	19.3	22.2	11.2	11.7	404	6,842,949	15.08	3.73	510	0.4	26.7	11.4	14.3	3,034	112,899	11.20
Class III.....	18,832	8,293	16.2	17.6	4.9	5.0	412	3,014,514	15.59	3.78	310	0.4	16.2	4.8	6.7	2,740	58,588	12.44
Class IV.....	15,717	5,885	14.1	12.5	2.3	2.4	413	1,473,108	16.04	3.89	153	0.2	8.0	1.6	2.1	2,850	15,351	10.26
Class V.....	12,945	3,942	10.0	8.4	1.1	1.1	416	643,086	15.13	3.64	100	0.2	5.2	0.5	1.1	1,921	9,130	12.01
Class VI.....	3,483	946	10.7	2.0	0.2	0.2	416	145,824	16.11	3.87	50	0.5	2.6	0.3	0.6	1,886	4,440	10.09
Other farms.....	33,576	6,084	8.6	12.9	1.1	1.2	387	641,213	14.29	3.69	140	0.2	7.3	0.7	1.2	2,293	7,614	9.23
Area 1.....	4,504	982	9.9	100.0	100.0	100.0	355	313,136	11.13	3.13	120	0.6	100.0	100.0	100.0	2,039	24,942	14.55
Commercial farms.....	2,521	780	10.0	79.4	95.1	91.4	370	294,715	11.46	3.10	93	0.6	77.5	93.0	91.9	2,061	23,629	14.99
Class I.....	273	143	12.9	14.6	36.5	35.6	364	113,774	11.35	3.12	23	0.8	19.2	37.6	34.0	2,250	8,055	13.82
Class II.....	627	272	12.1	27.7	35.3	31.5	398	105,586	11.90	2.99	55	1.2	45.8	45.7	52.7	1,767	12,949	14.34
Class III.....	508	160	6.6	16.3	11.7	11.5	360	38,073	11.73	3.26	...	...	...	...	...	...	...	...
Class IV.....	458	99	6.2	10.1	7.2	7.4	342	23,952	11.45	3.35	10	0.1	8.3	3.4	2.3	3,000	700	17.50
Class V.....	520	91	6.9	9.3	4.0	4.9	289	11,350	8.29	2.87	...	...	...	...	...	...	...	...
Class VI.....	135	15	4.1	1.5	0.5	0.4	433	1,980	16.50	3.81	5	1.7	4.2	6.3	2.9	4,400	1,925	38.50
Other farms.....	1,983	202	8.7	20.6	4.9	8.6	203	18,421	7.59	3.74	27	0.5	22.5	7.0	8.1	1,783	1,313	9.51
Area 2.....	7,401	1,175	11.0	100.0	100.0	100.0	338	386,310	10.86	3.21	48	0.3	100.0	100.0	100.0	1,952	9,374	10.24
Commercial farms.....	4,777	1,000	11.6	85.1	95.4	97.0	332	374,135	10.84	3.26	38	0.3	79.2	98.9	96.7	1,995	9,279	10.48
Class I.....	647	157	11.2	13.4	47.1	40.5	394	189,536	13.16	3.35	16	0.3	33.3	62.2	42.1	2,883	5,540	14.39
Class II.....	1,009	248	13.5	21.1	18.8	24.0	265	78,533	9.20	2.47	11	0.6	22.9	26.1	40.4	1,259	2,774	7.50
Class III.....	966	212	10.0	18.0	15.5	13.4	390	52,767	11.04	2.83	11	0.3	22.9	10.6	14.2	1,462	965	7.42
Class IV.....	1,026	212	12.6	18.0	9.9	13.0	258	37,165	8.02	3.11	...	...	...	...	...	...	...	...
Class V.....	902	160	10.9	13.6	3.8	5.6	228	15,345	7.67	3.37	...	...	...	...	...	...	...	...
Class VI.....	227	11	5.4	0.9	0.2	0.5	126	789	4.51	3.59	...	...	...	...	...	...	...	...
Other farms.....	2,624	175	4.1	14.9	4.6	3.0	522	12,175	11.43	2.19	10	0.1	20.8	1.1	3.3	667	95	3.17
Areas A and B.....	10,461	3,954	17.4	100.0	100.0	100.0	619	3,813,987	24.80	4.01	119	0.8	100.0	100.0	100.0	3,069	51,508	7.35
Commercial farms.....	7,565	3,467	17.9	87.7	99.0	98.5	622	3,770,935	24.88	4.00	109	0.8	91.6	99.5	99.6	3,067	51,108	7.33
Class I.....	1,667	994	21.5	25.1	76.2	70.2	672	2,876,118	26.63	3.96	46	1.2	38.7	85.7	83.1	3,165	39,902	6.86
Class II.....	1,680	987	15.3	25.0	13.0	16.2	496	543,633	21.84	4.41	36	0.5	30.3	9.5	12.7	2,292	8,135	9.14
Class III.....	1,436	651	13.6	16.5	6.0	7.6	485	214,018	18.26	3.76	5	0.1	4.2	0.9	1.4	2,000	1,235	13.00
Class IV.....	1,177	438	9.2	11.1	2.5	2.8	552	87,606	20.64	3.74	7	0.3	5.9	3.2	1.9	5,308	1,476	11.35
Class V.....	1,273	342	7.0	8.6	1.2	1.7	467	44,565	17.56	3.76	5	(2)	4.2	(2)	0.1	2,000	60	12.00
Class VI.....	332	55	1.4	1.4	0.1	0.1	787	4,995	33.30	4.23	10	0.3	8.4	0.2	0.5	1,143	300	8.57
Other farms.....	2,896	487	6.1	12.3	1.0	1.5	441	43,052	19.09	4.33	10	0.1	8.4	0.5	0.4	3,667	400	13.33
Area 3.....	5,872	1,776	17.0	100.0	100.0	100.0	944	6,129,436	33.05	3.50	74	0.2	100.0	100.0	100.0	2,365	19,237	7.66
Commercial farms.....	3,915	1,583	17.3	89.1	99.6	99.0	950	6,105,069	33.26	3.50	64	0.2	86.5	96.5	95.4	2,391	18,637	7.78
Class I.....	1,002	651	22.0	36.7	91.7	82.5	1,049	5,541,561	36.22	3.45	34	0.3	45.9	88.0	83.1	2,506	16,462	7.89
Class II.....	899	419	10.3	23.6	5.3	10.8	462	395,153	19.67	4.26	...	...	...	...	...	...	...	...
Class III.....	734	233	6.7	13.1	1.8	3.5	476	112,375	17.09	3.59	20	0.2	27.0	6.6	8.4	1,857	1,935	9.21
Class IV.....	592	149	6.5	8.4	0.6	1.6	361	38,810	13.36	3.70	5	0.2	6.8	1.7	3.6	1,111	200	2.22
Class V.....	503	96	2.8	5.4	0.2	0.4	532	14,095	19.63	3.69	5	(2)	6.8	0.2	0.4	1,000	400	4.00
Class VI.....	185	35	7.7	2.0	0.1	0.2	321	3,075	10.98	3.42	...	...	...	...	...	...	...	...
Other farms.....	1,957	193	6.2	10.9	0.4	1.0	342	24,367	13.12	3.83	10	0.4	13.5	3.5	4.6	1,826	600	5.22
Areas 4 and C.....	13,958	4,954	29.6	100.0	100.0	100.0	257	6,725,788	9.49	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Commercial farms.....	9,607	4,493	30.2	90.7	99.5	99.5	258	6,697,103	9.50	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Class I.....	2,046	1,498	35.1	30.2														

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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—			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	Quantity used per acre limed (lb.)	For lime	Per acre limed
California—Continued																		
Areas 7, F, G, and H...	28,014	12,679	25.3	100.0	100.0	100.0	658	9,345,629	26.45	4.02	247	0.2	100.0	100.0	100.0	2,262	42,495	14.60
Commercial farms.....	19,249	9,580	26.4	75.6	96.8	95.8	665	9,037,759	26.70	4.01	197	0.2	79.8	95.6	95.5	2,264	41,250	14.83
Class I.....	4,029	2,067	28.9	16.3	64.6	61.2	694	5,953,021	27.52	3.96	72	0.2	29.1	67.1	63.6	2,386	28,495	15.39
Class II.....	3,997	1,921	23.7	15.2	15.2	16.8	596	1,417,548	23.87	4.00	50	0.1	20.2	7.6	9.1	1,887	2,825	10.66
Class III.....	3,740	1,848	23.2	14.6	8.1	8.2	656	773,366	26.79	4.08	25	0.4	10.1	16.6	15.5	2,422	8,610	19.13
Class IV.....	3,511	1,835	25.9	14.5	5.1	5.0	681	547,435	31.25	4.59	25	0.1	10.1	3.3	3.4	2,200	820	8.20
Class V.....	3,094	1,498	17.9	11.8	3.1	3.7	551	280,789	21.49	3.90	10	(Z)	4.0	0.5	1.0	1,000	185	6.17
Class VI.....	878	411	19.8	3.2	0.6	1.0	439	65,600	19.29	4.39	15	0.5	6.1	0.6	2.9	471	315	3.71
Other farms.....	8,765	3,099	12.7	24.4	3.2	4.2	506	307,870	20.85	4.12	50	0.1	20.2	4.4	4.5	2,231	1,245	9.58
Area 8.....	6,523	3,189	58.9	100.0	100.0	100.0	458	10,516,161	19.63	4.29	48	0.1	100.0	100.0	100.0	2,228	11,822	10.19
Commercial farms.....	4,593	2,770	61.3	86.9	99.0	98.8	458	10,434,401	19.72	4.30	32	0.1	66.7	95.2	95.5	2,220	11,417	10.30
Class I.....	1,126	920	71.6	28.8	85.1	83.8	465	9,029,030	20.10	4.33	12	0.1	25.0	75.5	68.4	2,459	8,582	10.82
Class II.....	1,018	679	39.3	21.3	8.9	9.1	447	814,099	16.72	3.74	5	(Z)	10.4	1.9	2.2	2,000	275	11.00
Class III.....	838	479	31.0	15.0	3.0	3.5	395	388,907	20.77	5.25	10	0.4	20.8	17.4	21.1	1,837	2,510	10.24
Class IV.....	785	371	28.7	11.6	1.2	1.6	358	135,085	16.04	4.48	...	...	...	...	...	...	...	...
Class V.....	560	196	13.8	6.1	0.4	0.4	390	32,760	14.31	3.67	...	...	...	...	...	...	...	...
Class VI.....	266	125	36.0	3.9	0.4	0.4	475	34,520	17.89	3.77	5	0.8	10.4	0.4	3.9	222	50	1.11
Other farms.....	1,930	419	14.0	13.1	1.0	1.2	384	81,760	12.45	3.24	16	0.1	33.3	4.8	4.5	2,385	405	7.79
Area 9.....	7,780	1,853	8.8	100.0	100.0	100.0	234	853,870	8.15	3.48	43	0.1	100.0	100.0	100.0	3,698	24,425	19.11
Commercial farms.....	4,580	1,559	9.3	84.1	95.7	96.7	231	818,800	8.08	3.49	42	0.1	97.7	99.7	97.7	3,777	24,385	19.54
Class I.....	528	231	11.5	12.5	37.8	42.6	208	348,285	7.80	3.76	16	0.2	37.2	82.3	64.3	4,732	22,445	27.31
Class II.....	966	435	10.9	23.5	27.0	29.3	215	244,718	7.96	3.70	10	0.1	23.3	6.6	12.1	2,000	1,070	6.90
Class III.....	940	363	7.2	19.6	15.9	12.2	304	112,465	8.76	2.88	10	0.1	23.3	10.2	16.8	2,233	760	3.53
Class IV.....	1,014	326	7.0	17.6	10.8	8.7	293	82,182	9.05	3.09	1	(Z)	2.3	0.1	0.5	667	10	1.67
Class V.....	899	156	3.5	8.4	3.5	3.1	263	26,815	8.27	3.15	5	0.1	11.6	0.6	3.9	600	100	2.00
Class VI.....	233	48	4.8	2.6	0.6	0.8	170	4,335	4.97	2.93	...	...	...	...	...	...	...	...
Other farms.....	3,200	294	3.3	15.9	4.3	3.3	309	35,070	10.21	3.31	1	(Z)	2.3	0.3	2.3	400	40	1.33
Colorado, total.....	40,672	9,633	3.6	100.0	100.0	100.0	218	3,930,697	9.30	4.28	67	(Z)	100.0	100.0	100.0	1,598	5,680	5.68
Commercial farms.....	31,597	8,981	3.8	93.2	97.7	98.3	216	3,869,090	9.32	4.31	66	(Z)	98.5	99.4	99.5	1,596	5,655	5.68
Class I.....	2,665	1,456	7.5	15.1	33.9	30.4	243	1,300,026	10.14	4.18	25	(Z)	37.3	22.5	22.5	1,600	1,010	4.49
Class II.....	6,150	2,531	4.6	26.3	31.4	32.0	214	1,274,673	9.44	4.41	15	(Z)	22.4	40.1	33.5	1,910	1,845	5.51
Class III.....	8,049	2,543	3.3	26.4	19.4	21.6	196	795,064	8.72	4.46	...	...	...	...	...	...	...	...
Class IV.....	7,010	1,452	1.9	15.1	8.3	8.6	210	314,010	8.64	4.11	11	(Z)	16.4	2.4	11.0	345	145	1.32
Class V.....	5,295	716	1.5	7.4	3.2	3.8	185	128,111	7.97	4.31	15	(Z)	22.4	34.4	32.5	1,692	2,655	8.17
Class VI.....	2,428	283	1.7	2.9	1.5	2.0	167	57,116	6.91	4.14	...	...	...	...	...	...	...	...
Other farms.....	9,075	652	1.1	6.8	2.3	1.7	287	61,697	8.51	2.97	1	(Z)	1.5	0.6	0.5	2,000	25	5.00
Area 1.....	3,177	337	1.3	100.0	100.0	100.0	167	79,604	7.02	4.21	...	...	...	...	...	...	...	...
Commercial farms.....	2,543	301	1.3	89.3	97.7	96.1	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
Class I.....	240	34	0.9	10.1	14.9	19.0	131	11,511	5.36	4.08	...	...	...	...	...	...	...	...
Class II.....	463	51	1.0	15.1	23.4	21.5	181	21,274	8.71	4.81	...	...	...	...	...	...	...	...
Class III.....	671	115	2.0	34.1	34.4	34.6	166	26,511	6.75	4.08	...	...	...	...	...	...	...	...
Class IV.....	543	65	1.7	19.3	18.4	17.0	181	13,084	6.80	3.76	...	...	...	...	...	...	...	...
Class V.....	454	30	0.7	8.9	5.4	3.5	258	4,509	11.42	4.42	...	...	...	...	...	...	...	...
Class VI.....	172	6	0.3	1.8	1.2	0.5	367	856	14.27	3.89	...	...	...	...	...	...	...	...
Other farms.....	634	36	1.7	10.7	2.3	3.9	100	1,859	4.24	4.22	...	...	...	...	...	...	...	...
Area 2a.....	7,291	2,376	8.8	100.0	100.0	100.0	249	620,305	10.02	4.03	...	...	...	...	...	...	...	...
Commercial farms.....	5,015	1,975	9.2	83.1	91.6	95.0	240	587,550	9.99	4.16	...	...	...	...	...	...	...	...
Class I.....	186	120	11.4	5.1	15.4	14.8	259	100,206	10.95	4.22	...	...	...	...	...	...	...	...
Class II.....	794	423	9.8	17.8	28.1	29.6	236	192,559	10.49	4.44	...	...	...	...	...	...	...	...
Class III.....	1,256	567	9.0	23.9	24.2	24.8	243	147,925	9.64	3.97	...	...	...	...	...	...	...	...
Class IV.....	1,271	480	8.9	20.2	15.0	16.1	232	91,238	9.15	3.94	...	...	...	...	...	...	...	...
Class V.....	1,003	269	6.2	11.3	6.2	6.3	243	40,122	10.21	4.20	...	...	...	...	...	...	...	...
Class VI.....	505	116	7.7	4.9	2.7	3.3	202	15,500	7.60	3.76	...	...	...	...	...	...	...	...
Other farms.....	2,276	401	5.0	16.9	8.4	5.0	415	32,755	10.53	2.54	...	...	...	...	...	...	...	...
Area 2b.....	2,567	538	6.3	100.0	100.0	100.0	276	410,597	11.26	4.08	21	0.1	100.0	100.0	100.0	1,766	4,385	6.75
Commercial farms.....	1,914	528	6.5	98.1	100.0	99.8	276	410,307	11.27	4.08	21	0.1	100.0	100.0	100.0	1,766	4,385	6.75
Class I.....	250	154	10.2	28.6	58.3	55.5	290	244,774	12.08	4.17	...	...	...	...	...	...	...	...
Class II.....	423	198	6.8	36.8	26.2	26.3	275	106,861	11.12	4.05	10	0.2	47.6	54.9	50.0	1,938	1,830	5.63
Class III.....	452	113	4.0	21.0	11.6	11.9	268	43,117	9.91	3.70	...	...	...	...	...	...	...	...
Class IV.....	319	43	3.0	8.0	3.1	4.9	174	12,975	7.30	4.19	1	(Z)	4.8	0.7	3.1	400	20	1.00
Class V.....	294	15	1.2	2.8	0.8	1.1	197	2,555	6.47	3.28	10	0.9	47.6	44.4	46.9	1,672	2,535	8.31
Class VI.....	176	5	0.1	0.9	(Z)	0.1	100	25	1.25									

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed	
Colorado—Continued																	
Area 5.....	7,092	951	1.8	100.0	100.0	100.0	267	394,694	11.24	4.20	...	...	...	...	...	...	...
Commercial farms.....	4,844	870	2.0	91.5	97.6	98.5	265	386,879	11.19	4.22	...	...	...	...	...	...	...
Class I.....	284	88	4.5	9.3	30.3	30.0	270	118,849	11.27	4.18	...	...	...	...	...	...	...
Class II.....	754	228	2.9	24.0	31.2	26.9	310	117,933	12.51	4.03	...	...	...	...	...	...	...
Class III.....	1,007	238	2.3	25.0	20.8	25.0	222	90,197	10.28	4.62	...	...	...	...	...	...	...
Class IV.....	1,292	191	0.8	20.1	8.9	9.8	242	32,620	9.46	3.90	...	...	...	...	...	...	...
Class V.....	980	89	0.7	9.4	4.6	4.6	264	20,455	12.55	4.76	...	...	...	...	...	...	...
Class VI.....	527	36	0.6	3.8	1.9	2.1	240	6,825	9.10	3.79	...	...	...	...	...	...	...
Other farms.....	2,248	81	0.2	8.5	2.4	1.5	419	7,815	14.61	3.49	...	...	...	...	...	...	...
Connecticut, total.....	12,754	6,009	31.9	100.0	100.0	100.0	884	4,287,141	28.34	3.21	2,956	8.3	100.0	100.0	100.0	2,173	330,249 8.39
Commercial farms.....	7,761	4,545	35.7	75.6	96.8	95.3	897	4,169,205	28.92	3.22	2,406	8.9	81.4	91.0	91.2	2,168	302,613 8.42
Class I.....	1,067	696	53.0	11.6	51.0	36.0	1,253	2,216,361	40.76	3.25	463	11.9	15.7	29.5	31.0	2,066	100,835 8.26
Class II.....	2,285	1,499	36.5	24.9	27.0	35.7	670	1,126,946	20.90	3.12	914	9.6	30.9	36.8	36.2	2,207	117,268 8.22
Class III.....	1,749	1,073	26.6	17.9	11.1	14.4	683	503,376	23.18	3.40	512	7.1	17.3	13.5	14.7	1,991	45,283 7.81
Class IV.....	1,346	711	22.3	11.8	4.6	5.6	730	193,702	22.88	3.13	291	5.1	9.8	5.7	4.9	2,524	20,322 10.55
Class V.....	953	431	18.4	7.2	2.6	3.0	750	109,155	23.83	3.18	186	6.1	6.3	4.9	3.9	2,739	16,385 10.71
Class VI.....	361	135	13.2	2.2	0.5	0.7	587	19,665	18.21	3.10	40	2.4	1.4	0.7	0.5	3,026	2,520 12.92
Other farms.....	4,993	1,464	10.0	24.4	3.2	4.7	607	117,936	16.60	2.73	550	4.9	18.6	9.0	8.8	2,226	27,636 7.98
Areas 1 and A.....	2,722	1,250	28.5	100.0	100.0	100.0	438	460,461	11.85	2.71	730	7.4	100.0	100.0	100.0	2,355	78,435 7.73
Commercial farms.....	1,545	1,010	32.7	80.8	96.3	96.4	437	444,356	11.86	2.71	590	7.3	80.8	83.5	82.3	2,388	64,575 7.73
Class I.....	159	128	46.9	10.2	30.0	26.9	488	125,585	12.02	2.46	102	10.6	14.0	24.5	23.4	2,473	18,550 7.83
Class II.....	549	404	34.7	32.3	45.6	46.0	434	214,293	12.01	2.77	256	8.1	35.1	40.7	41.3	2,317	29,645 7.07
Class III.....	358	207	24.3	16.6	11.1	14.8	329	59,471	10.38	3.16	101	4.1	13.8	8.3	9.5	2,052	7,613 7.89
Class IV.....	236	126	16.3	10.1	3.9	3.4	506	16,557	12.58	2.49	61	4.8	8.4	5.3	3.8	3,292	4,422 11.43
Class V.....	167	100	22.2	8.0	4.0	3.5	500	19,185	13.95	2.79	55	4.8	7.5	2.6	3.0	2,100	2,255 7.52
Class VI.....	76	45	26.7	3.6	1.7	1.9	397	9,265	12.61	3.17	15	4.9	2.1	2.0	1.3	3,556	2,090 15.48
Other farms.....	1,177	240	6.3	19.2	3.7	3.6	451	16,105	11.63	2.58	140	8.2	19.2	16.5	17.7	2,201	13,860 7.72
Areas B and C.....	4,259	2,614	44.0	100.0	100.0	100.0	1,319	3,015,471	45.55	3.45	1,167	11.3	100.0	100.0	100.0	1,804	126,185 7.39
Commercial farms.....	2,803	2,023	46.9	77.4	98.0	96.5	1,339	2,962,216	46.39	3.46	981	12.0	84.1	94.4	95.5	1,783	120,555 7.39
Class I.....	443	358	62.2	13.7	60.1	45.1	1,757	1,777,826	59.54	3.39	216	13.4	18.5	36.8	37.7	1,758	46,820 7.26
Class II.....	730	600	43.7	23.0	20.7	28.7	948	633,480	33.31	3.51	325	12.8	27.8	32.2	32.7	1,776	42,200 7.56
Class III.....	610	470	39.8	18.0	10.7	14.0	1,010	346,905	37.56	3.72	235	13.9	20.1	18.1	18.9	1,724	21,835 6.76
Class IV.....	495	350	34.8	13.4	4.1	5.9	915	128,685	32.83	3.59	135	5.6	11.6	4.3	3.7	2,112	6,085 9.74
Class V.....	380	170	19.4	6.5	2.1	2.3	1,244	67,100	44.58	3.58	55	5.1	4.7	2.9	2.3	2,253	3,295 8.59
Class VI.....	145	75	13.5	2.9	0.3	0.5	761	8,220	26.52	3.48	15	1.5	1.3	0.2	0.2	1,714	220 6.29
Other farms.....	1,456	591	16.2	22.6	2.0	3.5	761	53,255	22.69	2.98	186	5.3	15.9	5.6	4.5	2,248	5,630 7.36
Area 2.....	5,773	2,145	24.6	100.0	100.0	100.0	635	811,209	17.55	2.76	1,059	6.5	100.0	100.0	100.0	2,541	125,629 10.33
Commercial farms.....	3,413	1,512	28.0	70.5	93.5	92.7	641	762,633	17.80	2.78	835	7.4	78.8	93.4	92.6	2,563	117,483 10.43
Class I.....	465	210	43.6	9.8	36.0	30.4	752	312,950	22.24	2.96	145	10.5	13.7	26.0	27.9	2,366	35,465 10.45
Class II.....	1,006	495	32.2	23.1	15.2	36.9	606	279,173	16.37	2.70	333	8.5	31.4	38.3	36.9	2,639	45,423 10.13
Class III.....	781	396	19.3	18.5	12.3	14.6	536	97,000	14.37	2.68	176	4.6	16.6	12.9	13.2	2,492	15,835 9.87
Class IV.....	615	235	17.4	11.0	6.6	7.0	598	48,460	15.00	2.51	95	4.9	9.0	7.3	7.5	2,481	9,815 10.73
Class V.....	406	161	15.5	7.5	3.0	3.7	514	22,870	13.45	2.62	76	7.6	7.2	8.6	6.9	3,198	10,735 12.86
Class VI.....	140	15	1.1	0.7	0.4	0.1	3,029	2,180	62.29	2.06	10	0.8	0.9	0.2	0.2	2,000	210 8.40
Other farms.....	2,360	633	9.7	29.5	6.5	7.3	565	48,576	14.41	2.55	224	2.6	21.2	6.6	7.4	2,259	8,146 9.02
Delaware, total (Areas 1 and A).....	6,291	4,884	61.2	100.0	100.0	100.0	475	3,907,116	12.36	2.60	1,505	9.4	100.0	100.0	100.0	1,595	309,107 6.34
Commercial farms.....	5,005	4,063	62.0	83.2	97.1	96.3	479	3,788,406	12.45	2.60	1,345	9.6	89.4	96.9	96.3	1,605	298,547 6.36
Class I.....	676	504	69.5	10.3	38.4	27.4	666	1,469,744	16.97	2.55	197	12.1	13.1	30.2	31.0	1,558	88,560 5.87
Class II.....	1,289	979	63.3	20.0	24.5	28.1	415	981,067	11.06	2.67	378	8.4	25.1	23.0	24.1	1,518	72,737 6.18
Class III.....	1,050	895	58.8	18.3	19.1	20.5	443	733,895	11.34	2.56	325	10.4	21.6	26.4	23.5	1,790	81,660 7.12
Class IV.....	910	805	58.7	16.5	9.2	12.3	356	371,325	9.56	2.69	250	8.3	16.6	11.3	11.3	1,595	34,625 6.27
Class V.....	740	615	52.6	12.6	4.6	6.3	349	183,670	9.25	2.65	155	6.2	10.3	4.8	4.8	1,601	17,360 7.37
Class VI.....	340	265	46.4	5.4	1.3	1.7	346	48,705	8.88	2.57	40	6.2	2.7	1.1	1.5	1,143	3,605 4.90
Other farms.....	1,286	821	45.4	16.8	2.9	3.7	371	118,710	10.07	2.72	160	6.9	10.6	3.1	3.7	1,352	10,560 5.85
Florida, total.....	57,490	43,516	51.2	100.0	100.0	100.0	912	51,854,514	22.36	2.45	7,486	10.2	100.0	100.0	100.0	1,578	2,882,839 6.25
Commercial farms.....	32,188	28,429	53.9	65.3	95.2	92.6	938	49,549,535	23.09	2.46	6,095	10.8	81.4	94.4	93.2	1,598	2,717,065 6.32
Class I.....	3,192	2,745	62.8	6.3	55.9	43.9	1,163	29,696,813	29.21	2.51	1,188	16.0	15.9	59.4	56.3	1,664	1,675,805 6.45
Class II.....	4,189	3,795	54.0	8.7	14.5	13.4	986	7,642,937	24.64	2.50	1,279	10.8	17.1	14.6</			

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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—			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	Quantity used per acre limed (lb.)	For lime	Per acre limed
Florida—Continued																		
Area 3.....	15,128	11,927	41.3	100.0	100.0	100.0	448	5,987,089	10.61	2.37	816	2.5	100.0	100.0	100.0	1,380	155,464	4.51
Commercial farms.....	9,186	8,534	43.4	71.6	93.6	92.2	454	5,655,994	10.87	2.39	688	2.6	84.3	86.4	88.9	1,341	133,261	4.35
Class I.....	246	210	52.5	1.8	23.8	17.3	616	1,767,670	18.10	2.94	60	5.1	7.4	27.7	27.6	1,384	43,096	4.52
Class II.....	593	579	41.3	4.9	15.6	14.1	497	939,998	11.85	2.39	119	3.2	14.6	16.2	18.0	1,241	24,087	3.88
Class III.....	1,597	1,505	41.5	12.6	20.0	20.6	434	1,129,813	9.71	2.24	193	2.5	23.7	21.2	20.1	1,458	33,261	4.81
Class IV.....	2,360	2,283	39.5	19.1	17.0	19.0	400	926,500	8.66	2.16	144	1.2	17.6	9.7	9.7	1,384	16,118	4.83
Class V.....	2,755	2,591	45.1	21.7	12.5	15.0	373	661,326	7.80	2.09	124	1.7	15.2	6.9	9.1	1,054	12,313	3.94
Class VI.....	1,635	1,366	42.4	11.5	4.7	6.2	336	230,687	6.56	1.95	48	1.8	5.9	4.6	4.4	1,438	4,386	2.87
Other farms.....	5,942	3,393	26.3	28.4	6.4	7.8	370	331,095	7.54	2.04	128	2.3	15.7	13.6	11.1	1,693	22,203	5.81
Area 4.....	3,708	2,923	62.2	100.0	100.0	100.0	957	4,341,046	23.87	2.49	610	15.6	100.0	100.0	100.0	1,410	271,128	5.95
Commercial farms.....	2,099	1,873	63.5	64.1	95.9	93.3	984	4,160,542	24.52	2.49	483	15.4	79.2	90.4	90.1	1,415	243,455	5.93
Class I.....	191	171	59.8	5.9	55.8	56.0	954	2,428,917	23.86	2.50	70	15.0	11.5	60.6	55.9	1,528	154,036	6.04
Class II.....	349	335	74.9	11.5	17.8	17.0	999	762,295	24.60	2.46	98	11.8	16.1	14.6	10.7	1,914	39,213	8.02
Class III.....	374	349	63.2	11.9	10.2	9.5	1,036	443,999	25.83	2.49	107	25.6	17.5	8.8	15.3	815	29,232	4.19
Class IV.....	484	436	79.2	14.9	6.9	6.4	1,022	291,140	24.93	2.44	89	16.7	14.6	3.5	5.4	927	11,750	4.78
Class V.....	557	475	61.8	16.3	4.7	3.8	1,169	208,437	29.83	2.55	109	10.6	17.9	2.7	2.6	1,458	8,699	7.23
Class VI.....	144	107	43.0	3.7	0.6	0.6	885	25,754	23.78	2.69	10	2.0	1.6	0.1	0.1	1,400	525	10.50
Other farms.....	1,609	1,050	48.4	35.9	4.1	6.7	586	180,504	14.88	2.54	127	18.1	20.8	9.6	9.9	1,365	27,673	6.12
Areas 5 and 6.....	22,743	17,601	56.4	100.0	100.0	100.0	1,268	26,028,729	31.25	2.47	4,463	18.2	100.0	100.0	100.0	1,639	1,771,923	6.60
Commercial farms.....	13,584	11,937	58.7	67.8	95.8	93.0	1,306	24,971,541	32.24	2.47	3,678	19.4	82.4	96.5	95.3	1,659	1,699,036	6.64
Class I.....	1,700	1,489	65.9	8.5	58.2	54.1	1,364	15,103,483	33.53	2.46	760	24.0	17.0	63.6	61.1	1,706	1,066,303	6.51
Class II.....	2,369	2,197	63.1	12.5	16.8	15.0	1,425	4,481,040	35.92	2.52	877	19.8	19.7	15.2	14.6	1,699	279,779	7.31
Class III.....	2,635	2,350	50.2	13.4	8.9	10.2	1,100	2,356,915	27.70	2.52	777	14.4	17.4	8.8	9.1	1,583	170,772	6.98
Class IV.....	3,179	2,835	46.2	16.1	7.1	8.0	1,121	1,847,955	27.69	2.47	738	9.6	16.5	5.8	5.2	1,855	111,910	8.10
Class V.....	2,680	2,309	41.7	13.1	4.0	4.8	1,059	991,988	24.63	2.33	404	13.1	9.1	2.6	4.7	907	58,287	4.63
Class VI.....	1,001	757	26.0	4.3	0.8	0.9	1,143	190,160	26.48	2.32	122	6.0	2.7	0.5	0.6	1,343	11,985	7.22
Other farms.....	9,159	5,664	36.9	32.2	4.2	7.0	756	1,057,188	18.11	2.40	785	8.0	17.6	3.5	4.7	1,223	72,887	5.79
Areas 6 and 7.....	5,352	3,811	53.6	100.0	100.0	100.0	1,027	11,487,251	26.67	2.60	678	9.1	100.0	100.0	100.0	1,486	445,300	6.12
Commercial farms.....	3,057	2,505	57.6	65.7	96.7	96.6	1,028	11,106,986	26.68	2.60	528	9.4	77.9	95.6	93.1	1,525	427,725	6.31
Class I.....	758	663	65.6	17.4	78.3	72.1	1,115	8,934,136	28.75	2.58	184	9.8	27.1	67.7	63.6	1,583	315,365	6.82
Class II.....	539	411	47.0	10.8	8.1	9.4	884	1,001,090	24.68	2.79	83	7.0	12.2	10.6	8.3	1,914	42,682	7.11
Class III.....	460	391	40.7	10.3	5.0	7.1	728	552,893	18.18	2.50	80	12.1	11.8	10.1	12.5	1,204	34,082	3.76
Class IV.....	562	453	42.3	11.9	2.8	4.0	716	334,550	19.22	2.69	104	8.8	15.3	3.6	4.9	1,079	17,906	4.97
Class V.....	542	424	36.7	11.1	2.0	3.3	640	243,285	17.18	2.69	55	4.7	8.1	2.2	2.5	1,323	7,858	4.33
Class VI.....	196	163	36.0	4.3	0.4	0.7	581	41,032	13.82	2.38	22	12.2	3.2	1.3	1.4	1,387	9,832	9.78
Other farms.....	2,295	1,306	17.8	34.3	3.3	3.4	1,013	380,265	26.22	2.59	150	6.2	22.1	4.4	6.9	956	17,575	3.49
Georgia, total.....	165,465	135,581	63.9	100.0	100.0	100.0	398	54,658,816	8.77	2.20	14,967	3.8	100.0	100.0	100.0	1,525	1,657,651	4.52
Commercial farms.....	101,867	94,536	68.5	69.7	91.7	90.9	402	50,202,328	8.87	2.21	11,750	4.0	78.5	88.2	89.0	1,512	1,473,367	4.51
Class I.....	1,719	1,463	67.9	1.1	10.3	9.2	446	5,639,609	9.86	2.21	534	5.6	3.6	13.3	12.9	1,970	221,271	4.66
Class II.....	6,523	5,751	65.9	4.2	15.2	14.2	424	8,415,435	9.49	2.24	1,846	5.7	12.3	21.7	20.8	1,589	350,295	4.58
Class III.....	14,389	13,192	70.9	9.7	19.1	18.5	410	10,488,155	9.09	2.22	2,722	4.5	18.2	26.0	20.0	1,565	352,298	4.79
Class IV.....	26,601	24,964	73.2	18.4	23.3	23.1	401	12,619,270	8.77	2.19	3,192	3.5	21.3	16.7	18.5	1,374	292,260	4.31
Class V.....	31,132	29,265	67.8	21.6	17.1	18.1	376	9,421,811	8.33	2.22	2,224	2.6	14.9	11.0	11.8	1,428	179,517	4.15
Class VI.....	21,903	19,901	59.1	14.7	6.8	7.7	351	3,618,048	7.55	2.15	1,232	2.2	8.2	5.0	4.9	1,545	77,726	4.33
Other farms.....	63,598	41,045	38.2	30.3	8.3	9.1	362	4,456,488	7.82	2.16	3,217	2.7	21.5	11.8	11.0	1,629	184,284	4.57
Areas 1 and A.....	12,704	9,233	46.0	100.0	100.0	100.0	384	1,954,025	7.94	2.07	1,415	4.4	100.0	100.0	100.0	2,467	124,368	5.25
Commercial farms.....	5,584	5,065	51.8	54.9	83.4	81.6	393	1,623,497	8.09	2.06	909	5.0	64.2	80.3	81.7	2,425	99,540	5.14
Class I.....	109	81	61.9	0.9	8.9	8.4	408	168,424	8.16	2.00	45	8.8	3.2	12.2	12.5	2,410	14,679	4.97
Class II.....	558	468	52.5	5.1	13.4	13.1	393	255,221	7.91	2.01	213	10.2	15.1	25.4	26.4	2,381	29,973	4.80
Class III.....	677	560	52.9	6.1	15.2	13.8	423	309,132	9.11	2.15	119	3.7	8.4	10.3	10.0	2,520	11,224	4.71
Class IV.....	1,105	1,019	57.2	11.0	17.2	16.3	407	325,790	8.15	2.00	169	3.6	11.9	10.0	10.7	2,290	14,475	5.70
Class V.....	1,683	1,595	49.2	17.3	18.9	19.3	376	379,545	7.98	2.12	207	3.8	14.6	15.7	15.6	2,477	19,484	5.26
Class VI.....	1,452	1,342	42.5	14.5	9.7	10.7	348	185,385	7.03	2.02	156	2.5	11.0	6.8	6.5	2,583	9,705	6.25
Other farms.....	7,120	4,168	30.7	45.1	16													

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Lime used		Acres limed	For lime	Per acre limed
Georgia—Continued																	
Area 4b.....	11,830	9,275	44.1	100.0	100.0	342	2,337,914	7.40	2.16	1,329	5.2	100.0	100.0	100.0	1,303	147,405	3.94
Commercial farms.....	5,331	4,864	47.9	52.4	79.9	348	1,876,889	7.56	2.17	986	6.4	74.2	87.9	88.1	1,300	127,245	3.86
Class I.....	68	55	55.1	0.6	8.9	394	203,456	8.34	2.12	37	10.8	2.8	12.1	12.8	1,227	18,143	3.78
Class II.....	416	351	43.3	3.8	14.1	368	326,217	7.85	2.13	171	7.3	12.9	19.1	18.7	1,330	27,967	4.01
Class III.....	519	430	44.0	4.6	11.3	337	266,808	7.38	2.19	236	7.4	17.8	22.1	16.2	1,779	31,697	5.24
Class IV.....	763	704	46.4	7.6	15.6	389	363,679	8.41	2.16	203	6.5	15.3	15.6	16.2	1,258	23,509	3.89
Class V.....	1,394	1,246	48.9	13.4	16.8	325	400,934	7.16	2.20	200	5.1	15.0	11.7	15.6	978	15,279	2.62
Class VI.....	2,171	2,078	53.4	22.4	13.2	306	315,795	6.75	2.20	139	3.7	10.5	7.4	8.7	1,104	10,650	3.27
Other farms.....	6,499	4,411	34.0	47.6	20.1	320	461,025	6.79	2.12	343	2.2	25.8	12.1	11.9	1,324	20,160	4.53
Areas 5, C, and D.....	6,997	5,490	56.7	100.0	100.0	346	2,368,395	7.76	2.25	628	3.0	100.0	100.0	100.0	1,784	79,603	4.97
Commercial farms.....	3,705	3,507	62.1	63.9	88.9	353	2,122,663	7.99	2.26	512	3.1	81.5	85.8	83.5	1,833	68,645	5.13
Class I.....	69	62	61.2	1.1	12.1	8.2	303,512	12.14	2.37	29	4.9	4.6	13.4	12.4	1,920	10,925	5.49
Class II.....	237	196	58.7	3.6	16.9	14.9	389,451	8.58	2.79	68	2.6	10.8	13.8	12.5	1,961	13,223	6.60
Class III.....	278	266	70.0	4.8	13.9	13.5	335,512	8.13	2.29	79	6.2	12.6	21.2	22.7	1,667	16,541	4.56
Class IV.....	752	715	65.1	13.0	18.8	20.7	460,843	7.31	2.33	132	2.5	21.0	15.8	15.1	1,867	10,857	5.00
Class V.....	1,328	1,267	61.5	23.1	18.2	18.8	424,844	7.41	2.21	133	2.0	21.2	11.9	11.8	1,792	9,784	5.17
Class VI.....	1,041	1,001	55.5	18.2	9.1	11.0	208,501	6.20	2.18	71	2.4	11.3	9.9	9.0	1,952	7,315	5.06
Other farms.....	3,292	1,983	35.8	36.1	11.1	12.9	245,732	6.24	2.11	116	2.4	18.5	14.2	16.5	1,536	10,958	4.15
Area 6.....	13,558	12,168	69.1	100.0	100.0	334	6,848,888	7.65	2.29	901	1.9	100.0	100.0	100.0	1,334	110,592	4.43
Commercial farms.....	10,230	9,899	71.2	81.4	94.7	335	6,507,873	7.69	2.30	800	2.0	88.8	93.2	95.2	1,305	103,040	4.33
Class I.....	149	147	68.4	1.2	14.3	12.7	985,978	8.65	2.30	44	3.4	4.9	16.0	22.9	933	20,308	3.55
Class II.....	348	348	74.4	2.9	14.8	13.2	999,853	8.43	2.25	95	2.9	10.5	22.6	18.6	1,619	23,024	4.95
Class III.....	924	919	70.6	7.6	16.0	16.6	1,088,668	7.34	2.27	178	2.6	19.8	24.7	22.2	1,481	29,242	5.27
Class IV.....	2,441	2,384	75.7	19.6	22.5	22.7	1,499,767	7.38	2.23	283	1.8	31.4	18.8	19.8	1,267	18,540	3.76
Class V.....	4,081	3,936	68.6	32.3	20.4	21.2	1,503,327	7.90	2.46	130	0.7	14.4	8.5	8.1	1,395	9,016	4.44
Class VI.....	2,287	2,165	66.9	17.8	6.6	8.0	430,280	6.02	2.16	70	0.8	7.8	2.6	3.6	978	2,910	3.27
Other farms.....	3,328	2,269	46.4	18.6	5.3	5.6	341,015	6.86	2.15	101	1.1	11.2	6.8	4.8	1,904	7,552	6.35
Area 7a.....	8,506	7,627	67.5	100.0	100.0	387	5,499,753	8.75	2.26	818	3.7	100.0	100.0	100.0	1,469	157,012	4.56
Commercial farms.....	6,773	6,504	69.7	85.3	96.2	389	5,308,411	8.83	2.27	761	3.8	93.0	96.1	95.8	1,473	152,510	4.63
Class I.....	179	178	72.8	2.3	20.1	17.4	1,169,984	10.70	2.39	80	5.6	9.8	28.9	24.2	1,750	43,663	5.23
Class II.....	473	452	71.7	5.9	21.7	20.4	1,182,378	9.21	2.24	168	5.5	20.5	28.1	28.4	1,453	48,368	4.95
Class III.....	929	917	69.3	12.0	18.6	19.0	1,093,826	9.16	2.41	138	3.3	16.9	16.7	16.6	1,471	24,021	4.20
Class IV.....	1,907	1,871	74.8	24.5	18.5	19.6	945,906	7.68	2.10	205	3.6	25.1	13.0	17.1	1,113	20,171	3.42
Class V.....	2,104	2,017	65.9	26.4	12.4	13.8	657,095	7.58	2.17	129	1.6	15.8	6.4	6.2	1,508	10,432	4.85
Class VI.....	1,181	1,069	53.1	14.0	4.8	5.4	259,222	7.59	2.23	41	1.7	5.0	3.1	3.2	1,424	5,855	5.37
Other farms.....	1,733	1,123	39.6	14.7	3.8	4.3	191,342	7.06	2.06	57	2.1	7.0	3.9	4.2	1,362	4,502	3.13
Area 7b.....	20,207	18,001	74.7	100.0	100.0	408	11,412,508	8.53	2.09	2,366	4.2	100.0	100.0	100.0	1,434	330,334	4.41
Commercial farms.....	16,558	15,842	75.7	88.0	97.3	409	11,104,804	8.56	2.09	2,217	4.3	93.7	97.3	97.7	1,427	322,524	4.40
Class I.....	262	258	71.2	1.4	13.3	12.1	1,541,769	9.51	2.12	100	5.2	4.2	16.8	15.9	1,519	56,001	4.71
Class II.....	968	947	69.0	5.3	18.6	17.1	2,119,963	9.30	2.09	319	5.6	13.5	26.2	24.7	1,519	80,821	4.37
Class III.....	2,746	2,662	78.7	14.8	22.4	22.1	2,572,824	8.70	2.10	635	4.7	26.8	24.5	23.4	1,499	84,258	4.80
Class IV.....	5,382	5,252	80.3	29.2	25.1	25.7	2,883,434	8.38	2.11	674	3.5	28.5	18.5	19.8	1,340	65,734	4.43
Class V.....	4,945	4,724	77.6	26.2	14.3	15.8	1,600,455	7.56	2.05	398	3.3	16.8	9.5	12.0	1,138	30,605	3.39
Class VI.....	2,255	1,999	70.6	11.1	3.6	4.2	386,359	6.92	1.96	91	1.8	3.8	1.7	1.9	1,308	5,105	3.57
Other farms.....	3,649	2,159	52.9	12.0	2.7	3.0	307,704	7.75	2.10	149	2.3	6.3	2.7	2.3	1,720	7,810	4.57
Area 8.....	25,660	23,215	80.1	100.0	100.0	456	12,220,064	10.38	2.28	1,947	2.5	100.0	100.0	100.0	1,404	169,291	4.59
Commercial farms.....	21,502	20,572	81.4	88.6	96.4	456	11,796,327	10.41	2.28	1,830	2.5	94.0	95.9	96.1	1,401	161,836	4.57
Class I.....	150	144	78.0	0.6	4.5	3.5	528,489	12.98	2.19	40	5.1	2.1	6.8	7.2	1,326	12,306	4.65
Class II.....	867	857	77.0	3.7	13.6	12.4	1,855,381	12.72	2.54	243	3.9	12.5	23.0	20.1	1,609	35,703	4.82
Class III.....	3,807	3,729	83.8	16.1	25.8	25.1	3,079,697	10.41	2.23	477	2.6	24.5	25.2	25.3	1,401	45,615	4.89
Class IV.....	7,992	7,744	82.9	33.4	32.5	33.0	3,899,103	10.05	2.24	668	2.2	34.3	28.0	28.6	1,378	47,623	4.52
Class V.....	5,976	5,734	82.3	24.7	15.4	17.1	1,882,313	9.34	2.28	254	1.6	13.0	9.3	10.6	1,226	14,351	3.67
Class VI.....	2,710	2,364	72.8	10.2	4.6	5.2	551,344	9.03	2.21	148	1.9	7.6	3.6	4.4	1,143	6,238	3.86
Other farms.....	4,158	2,643	56.5	11.4	3.6	3.7	423,737	9.64	2.19	117	1.9	6.0	4.1	3.9	1,470	7,455	5.17
Areas 9 and E.....	7,782	5,966	63.8	100.0	100.0	472	1,928,123	10.71	2.27	623	4.2	100.0	100.0	100.0	1,566	68,000	5.70
Commercial farms.....	4,064	3,706	67.7	62.1	87.7	475	1,702,516	10.86	2.29	502	4.8	80.6	93.6	93.0	1,575	64,310	5.79
Class I.....	52	43	41.3	0.7	4.0	3.0	81,718	14.96	2.40	14	6.4</						

**Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued**

State, economic area, and economic class of farm	Total number of farms	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 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	
Idaho—Continued																		
Area 2.....	4,412	1,813	24.6	100.0	100.0	100.0	116	968,109	5.14	4.42	...	...	...	...	...	...	...	...
Commercial farms.....	2,888	1,567	25.2	86.4	98.8	98.8	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...
Class I.....	327	258	26.2	14.2	41.0	39.2	121	398,007	5.38	4.44	...	...	...	...	...	...	...	...
Class II.....	745	556	28.2	30.7	38.7	39.8	113	398,074	5.30	4.70	...	...	...	...	...	...	...	...
Class III.....	567	339	21.5	18.7	10.8	11.5	108	92,385	4.25	3.92	...	...	...	...	...	...	...	...
Class IV.....	561	261	19.9	14.4	5.4	6.2	102	47,558	4.09	4.01	...	...	...	...	...	...	...	...
Class V.....	386	91	12.8	5.0	1.7	1.4	135	13,850	5.12	3.78	...	...	...	...	...	...	...	...
Class VI.....	302	62	11.3	3.4	1.3	0.6	238	8,640	7.35	3.09	...	...	...	...	...	...	...	...
Other farms.....	1,524	246	8.6	13.6	1.2	1.2	119	9,595	4.32	3.63	...	...	...	...	...	...	...	...
Area 3a.....																		
Commercial farms.....	7,917	3,962	21.5	95.8	99.4	99.1	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...
Class I.....	392	305	29.4	7.4	32.5	22.6	627	706,626	22.16	3.53	...	...	...	...	...	...	...	...
Class II.....	1,395	1,065	27.9	25.7	34.7	34.7	434	719,268	14.67	3.38	...	...	...	...	...	...	...	...
Class III.....	2,189	1,336	19.8	32.3	21.7	25.7	367	475,903	13.09	3.56	...	...	...	...	...	...	...	...
Class IV.....	2,073	845	13.1	20.4	7.7	11.1	301	153,407	9.75	3.24	...	...	...	...	...	...	...	...
Class V.....	1,456	310	10.2	7.5	2.2	3.9	249	46,110	8.33	3.35	...	...	...	...	...	...	...	...
Class VI.....	412	101	17.1	2.4	0.5	1.1	212	12,055	7.90	3.72	...	...	...	...	...	...	...	...
Other farms.....	1,856	175	4.3	4.2	0.6	0.9	305	11,100	8.95	2.94	...	...	...	...	...	...	...	...
Area 3b.....																		
Commercial farms.....	7,266	4,790	28.3	100.0	100.0	100.0	255	2,375,867	9.29	3.65	...	...	...	...	...	...	...	...
Class I.....	6,633	4,685	28.6	97.8	99.8	99.6	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...
Class II.....	644	540	31.6	11.3	38.3	34.5	282	944,715	10.70	3.79	...	...	...	...	...	...	...	...
Class III.....	1,869	1,608	30.9	33.6	36.0	35.3	260	820,321	9.09	3.50	...	...	...	...	...	...	...	...
Class IV.....	2,095	1,543	27.0	32.2	18.1	21.4	216	435,985	7.98	3.70	...	...	...	...	...	...	...	...
Class V.....	1,269	724	19.7	15.1	5.7	7.0	209	134,591	7.55	3.61	...	...	...	...	...	...	...	...
Class VI.....	595	210	14.4	4.4	1.5	1.3	307	30,915	9.60	3.13	...	...	...	...	...	...	...	...
Class VI.....	161	60	17.3	1.3	0.2	0.3	206	4,375	6.43	3.12	...	...	...	...	...	...	...	...
Other farms.....	633	105	7.3	2.2	0.2	0.4	121	4,965	5.46	4.51	...	...	...	...	...	...	...	...
Area 4.....																		
Commercial farms.....	9,762	4,825	11.1	97.1	99.3	99.3	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...
Class I.....	706	438	12.1	8.8	29.4	28.3	229	739,805	9.87	4.31	...	...	...	...	...	...	...	...
Class II.....	2,509	1,582	11.5	31.8	37.5	37.9	218	920,139	9.18	4.21	...	...	...	...	...	...	...	...
Class III.....	2,866	1,559	11.4	31.4	21.1	21.8	213	486,320	8.44	3.95	...	...	...	...	...	...	...	...
Class IV.....	2,160	848	8.5	17.1	8.8	8.6	225	189,174	8.34	3.70	...	...	...	...	...	...	...	...
Class V.....	1,175	338	7.7	6.8	2.2	2.4	205	53,062	8.40	4.09	...	...	...	...	...	...	...	...
Class VI.....	346	60	6.6	1.2	0.2	0.3	195	5,055	6.83	3.51	...	...	...	...	...	...	...	...
Other farms.....	1,619	146	7.2	2.9	0.7	0.7	204	15,270	7.70	3.78	...	...	...	...	...	...	...	...
Illinois, total.....																		
Commercial farms.....	147,801	104,142	33.1	93.4	98.5	98.3	265	57,092,991	7.34	2.77	40,614	4.7	95.3	97.5	97.8	4,464	8,447,557	7.70
Class I.....	9,580	8,227	40.5	7.4	20.6	18.1	301	12,378,465	8.64	2.87	3,845	5.8	9.0	17.6	18.1	4,342	1,464,709	7.19
Class II.....	42,087	33,913	33.4	30.4	41.0	39.3	276	24,005,384	7.71	2.80	14,429	4.8	33.8	39.4	39.9	4,430	3,350,292	7.49
Class III.....	41,557	30,349	31.2	27.2	23.1	24.6	248	13,142,722	6.74	2.72	11,637	4.3	27.3	24.5	23.7	4,618	2,156,824	8.10
Class IV.....	26,949	17,800	30.2	16.0	9.2	10.8	225	5,128,385	5.97	2.65	6,347	4.2	15.4	10.6	10.6	4,475	984,770	8.29
Class V.....	18,058	10,353	28.6	9.3	3.7	4.4	223	1,992,795	5.68	2.55	3,161	4.0	7.4	4.2	4.4	4,341	379,707	7.76
Class VI.....	9,570	3,500	23.4	3.1	0.8	1.0	221	445,240	5.58	2.52	995	3.7	2.3	1.2	1.1	4,769	111,255	8.93
Other farms.....	27,904	7,402	24.6	6.6	1.5	1.7	233	812,771	6.01	2.58	2,025	4.6	4.7	2.5	2.2	5,029	228,034	9.06
Areas 1, A, and B.....																		
Commercial farms.....	16,865	12,433	37.4	97.5	99.2	99.4	238	6,290,656	6.71	2.82	3,862	4.3	100.0	100.0	100.0	5,127	747,174	6.99
Class I.....	1,624	1,497	50.9	11.7	30.5	26.9	270	1,952,076	7.74	2.86	505	5.4	13.1	24.6	24.9	5,131	740,614	6.99
Class II.....	6,087	5,168	39.0	40.5	43.9	45.8	228	2,800,910	6.52	2.86	1,771	4.4	45.9	47.0	45.7	5,277	353,160	7.23
Class III.....	5,089	3,748	35.0	29.4	18.1	20.1	214	1,113,350	5.90	2.75	1,036	3.7	26.8	21.4	21.2	5,178	171,311	7.55
Class IV.....	2,530	1,480	24.0	11.6	5.6	5.4	246	304,950	6.04	2.46	390	3.2	10.1	5.2	6.2	4,298	39,905	6.00
Class V.....	1,160	465	17.0	3.6	1.0	1.0	226	62,015	6.37	2.81	65	1.6	1.7	0.8	0.9	4,525	5,875	6.42
Class VI.....	375	75	13.4	0.6	0.1	0.1	246	6,840	6.67	2.71	20	2.8	0.5	0.1	0.2	3,333	2,145	10.21
Other farms.....	1,470	315	30.1	2.5	0.8	0.6	314	50,515	8.96	2.85	75	5.1	1.9	0.8	0.9	4,730	6,560	6.94
Areas 2 and C.....																		
Commercial farms.....	12,156	8,968	44.1	100.0	100.0	100.0	266	4,624,582	7.58	2.85	2,479	4.3	100.0	100.0	100.0	3,557	317,443	5.34
Class I.....	10,259	8,401	44.4	93.7	98.5	98.8	265	4,559,852	7.56	2.86	2,393	4.3	96.5	97.8	97.2	3,577	308,368	5.33
Class II.....	952	890	56.0	9.9	27.1	22.9	314	1,243,557	8.91	2.83	258	4.5	10.4	22.1	18.7	4,202	68,338	6.15
Class III.....	3,496	3,146	45.0	35.1	41.8	45.6	243	1,923,810	6.91	2.84	1,005	4.4	40.5	41.7	45.7	3,246	122,695	4.51
Class IV.....	3,126	2,615	39.7	29.2	21.2	22.0	256	1,043,135	7.76	3.03	790	4.4	31.9	25.6	25.0	3,647	88,540	5.96
Class V.....	1,495	1,045	34.2	11.7	6.0	6.2	259	248,140	6.58	2.54	230	3.0	9.3	6.0	5.7	3,771	21,865	6.50
Class VI.....	770	515	34.3	5.7	2.0	1.9	274	87,430	7.37	2.69	90	3.1	3.6	2.0	1.8	3,972	5,360	5.08
Class VI.....	420	190	17.9	2.1	0.3	0.3	352	13,780	8.61	2.44	20	2.5	0.8	0.4	0.4	3,455	1,570	7.14
Other farms.....	1,897	567	28.6	6.3	1.5	1.2	354	64,730	9.17	2.59	86	6.7	3.5	2.2	2.8	2,835	9,075	5.51
Area 3.....																		
Commercial farms.....	21,629	10,009	19.7	100.0	100.0	100.0	310	5,012,777	8.33	2.69	5,200	4.9	100.0	100.0	100.0	4,534	1,202,426	8.02
Class I.....	19,553	9,798	19.7	97.9	99.6	99.5	310	4,986,547	8.33	2.69	5,129	4.9	98.6	99.4	99.3	4,539	1,192,571	8.01
Class II.....	1,854	1,347	27.4	13.5	25.7	27.2	292	1,418,837	8.66	2.96	784	6.4	15.1	25.1	25.5	4,472	318,138	8.33
Class III.....	6,663	4,261	20.1	42.6	44.7	44.3	313	2,171,350	8.14	2.61	2,115	5.0	40.7	43.4	43.8	4,497	512,830	7.81
Class IV.....	5,811	2,785	16.3	27.8	21.6	21.2	315	1,023,525	8.02	2.55	1,430	4.2	27.5	23.1	21.9	4,783	264,900	8.08
Class V.....	2,970	1,005	12.6	10.0	5.8	5.3	342	250,185	7.90	2.31	550	3.4	10.6	5.7	5.7	4,557	70,575	8.31
Class VI.....	1,550	330	12.1	3.3	1.6	1.3	387	114,270	14.63	3.78	210	5.4	4.0	1.9	2.3	3,699	23,525	6.75
Class VI.....	705	70	7.6	0.7	0.1	0.2	268	8,380	8.14	3.04	40	2.5	0.8	0.2	0.2	4,746	2,605	7.78
Other farms.....	2,076	211	13.8	2.1	0.4	0.5	243	26,230	8.71	3.58	71	4.8	1.4	0.6	0.7	3,865	9,855	9.48
Area 4.....																		
Commercial farms.....	17,951	11,381	32.8	100.0	100.0	100.0	257	5,922,539	7.79	3.04	4,837	4.9	100.0	100.0	100.0	4,521	923,493	8.21
Class I.....	15,510	10,891	33.0	95.7	99.1	99.1	257	5,870,654	7.79	3.04	4,602	4.8	95.1	97.5	97.6	4,515	903,268	8.22
Class II.....	743	681	42.7	6.0	19.1	17.2	285	1,207,714	9.24	3.24	345	6.1	7.1	14.6	16.6	3,979	121,393	6.50
Class III.....	3,308	2,879	35.3	25.3	35.5	35.6	256	2,165,090	7.99	3.13	1,346	4.8	27.8	34.6	33.0	4,750	317,850	8.57
Class IV.....	4,963	3,621	30.2	31.8	27.1	27.4	253	1,521,625	7.29	2.88	1,426	4.2	29.5	27.0	25.8	4,731	247,240	8.51
Class V.....	3,551	2,355	29.5	20.7	12.2	13.												

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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																		
Area 5.....	7,717	5,235	33.3	100.0	100.0	100.0	328	3,973,866	9.15	2.79	1,851	4.9	100.0	100.0	100.0	4,149	395,409	6.18
Commercial farms.....	7,211	5,139	33.2	98.2	99.3	99.3	328	3,949,815	9.15	2.79	1,825	4.8	98.6	97.8	98.1	4,133	388,662	6.19
Class I.....	599	483	42.8	9.2	20.7	21.4	317	884,530	9.52	3.00	230	6.4	12.4	22.0	21.7	4,208	84,142	6.06
Class II.....	3,262	2,601	33.3	49.7	54.9	53.2	339	2,155,565	9.33	2.75	940	4.8	50.8	52.6	52.4	4,163	206,265	6.15
Class III.....	2,120	1,390	27.3	26.6	18.6	18.8	324	709,370	8.67	2.67	475	4.2	25.7	19.1	19.5	4,067	80,945	6.49
Class IV.....	775	470	29.1	9.0	3.8	4.4	282	149,975	7.77	2.75	150	3.4	8.1	3.1	3.5	3,654	14,255	6.32
Class V.....	315	175	35.3	3.3	1.2	1.4	282	48,680	7.85	2.78	25	2.3	1.4	0.6	0.6	3,877	2,275	5.62
Class VI.....	140	20	3.4	0.4	(2)	(2)	364	1,695	15.41	4.24	5	6.0	0.3	0.3	0.3	4,000	780	4.00
Other farms.....	506	96	35.1	1.8	0.7	0.7	337	24,051	8.31	2.46	26	14.6	1.4	2.2	1.9	4,963	6,747	5.62
Areas 6a, D, and E.....	17,808	11,108	29.4	100.0	100.0	100.0	292	6,795,453	8.17	2.80	5,020	5.2	100.0	100.0	100.0	4,305	1,197,705	8.18
Commercial farms.....	15,243	10,648	29.4	95.9	99.1	98.9	292	6,728,028	8.18	2.80	4,855	5.1	96.7	98.2	98.4	4,296	1,175,505	8.16
Class I.....	1,066	925	36.1	8.3	21.5	20.4	307	1,509,941	8.91	2.90	481	5.0	9.6	16.8	16.1	4,489	196,242	8.31
Class II.....	4,986	4,105	28.7	37.0	44.9	43.2	303	3,056,954	8.50	2.81	2,127	5.6	42.4	47.7	47.7	4,304	578,749	8.28
Class III.....	4,520	3,128	27.7	28.2	22.3	23.9	273	1,494,738	7.53	2.76	1,317	4.3	26.2	21.9	21.3	4,434	264,334	8.48
Class IV.....	2,451	1,515	25.9	13.6	7.0	7.7	264	460,075	7.18	2.71	610	5.7	12.2	8.6	9.6	3,855	98,700	7.03
Class V.....	1,490	730	28.0	6.6	2.8	3.1	261	163,870	6.38	2.44	235	4.0	4.7	2.4	2.5	4,136	29,845	8.12
Class VI.....	730	245	24.4	2.2	0.6	0.7	286	42,450	7.75	2.71	85	7.3	1.7	0.7	1.1	2,713	7,635	4.66
Other farms.....	2,565	460	27.4	4.1	0.9	1.1	244	67,425	7.28	2.98	165	7.1	3.3	1.8	1.6	4,826	22,200	9.21
Area 6b.....	26,411	17,154	31.5	100.0	100.0	100.0	317	12,655,612	8.50	2.69	7,071	5.0	100.0	100.0	100.0	4,075	1,681,072	7.08
Commercial farms.....	24,296	16,829	31.5	98.1	99.8	99.8	317	12,630,442	8.50	2.69	6,991	5.0	98.9	99.5	99.5	4,076	1,672,757	7.08
Class I.....	2,328	2,002	38.1	11.7	26.6	25.1	335	3,391,658	9.07	2.71	1,051	6.1	14.9	25.0	25.1	4,063	427,842	7.18
Class II.....	10,423	8,162	31.6	47.6	50.7	51.7	311	6,561,454	8.53	2.74	3,470	4.8	49.1	49.0	49.1	4,072	812,495	6.97
Class III.....	6,865	4,975	26.9	26.7	17.6	18.0	309	2,086,220	7.78	2.52	1,740	4.6	24.6	19.5	19.4	4,115	333,030	7.24
Class IV.....	2,755	1,415	23.8	8.2	3.8	3.9	307	467,295	8.07	2.63	540	4.4	7.6	4.5	4.5	4,078	74,615	6.96
Class V.....	1,175	535	28.6	3.1	1.0	0.9	324	106,465	7.63	2.36	135	4.1	1.9	0.9	0.8	4,313	16,600	8.26
Class VI.....	750	140	21.8	0.8	0.1	0.2	283	17,350	7.53	2.66	55	13.4	0.8	0.5	0.6	3,411	8,175	5.80
Other farms.....	2,115	325	20.9	1.9	0.2	0.2	320	25,170	7.64	2.38	80	8.0	1.1	0.5	0.5	3,857	8,315	6.63
Areas 7 and F.....	17,044	11,249	37.1	100.0	100.0	100.0	208	4,179,692	5.68	2.73	4,556	4.1	100.0	100.0	100.0	5,083	724,312	8.96
Commercial farms.....	13,912	10,402	37.4	92.5	97.1	97.4	207	4,084,862	5.70	2.75	4,270	4.0	93.7	95.0	95.4	5,066	685,077	8.89
Class I.....	88	88	43.9	0.8	2.5	2.0	262	96,697	6.65	2.54	53	9.2	1.2	4.8	3.8	6,399	24,605	8.06
Class II.....	1,544	1,419	44.5	12.6	25.9	24.1	224	1,149,246	6.49	2.90	675	4.5	14.8	22.7	22.3	5,174	155,530	8.62
Class III.....	4,253	3,773	39.6	33.5	37.8	37.9	198	1,613,524	5.52	2.79	1,561	3.9	34.3	34.7	35.5	4,974	264,332	9.22
Class IV.....	3,972	3,027	32.9	26.9	20.8	21.8	198	830,825	5.19	2.62	1,191	3.5	26.1	21.1	21.0	5,110	197,070	9.27
Class V.....	2,915	1,755	28.8	15.6	8.9	8.7	212	343,610	5.35	2.53	665	4.0	14.6	10.1	11.1	4,648	69,850	7.79
Class VI.....	1,140	340	22.1	3.0	1.3	1.2	224	50,960	5.80	2.58	125	3.5	2.7	1.6	1.7	4,781	13,690	9.81
Other farms.....	3,132	847	29.1	7.5	2.9	2.6	229	94,830	4.97	2.17	286	5.7	6.3	5.0	4.6	5,446	39,235	10.45
Area 8.....	12,549	8,904	42.6	100.0	100.0	100.0	197	3,007,323	5.12	2.60	3,019	4.4	100.0	100.0	100.0	5,297	633,338	10.40
Commercial farms.....	8,964	7,544	43.3	84.7	95.1	94.8	197	2,869,278	5.15	2.61	2,679	4.4	88.7	93.1	94.0	5,243	588,598	10.28
Class I.....	34	34	48.3	0.4	1.8	1.7	203	63,382	6.21	3.07	22	5.4	0.7	2.1	1.9	5,911	14,370	12.77
Class II.....	612	572	47.5	6.4	17.3	15.1	226	524,526	5.89	2.61	315	5.2	10.4	16.9	16.1	5,539	103,788	10.58
Class III.....	2,042	1,947	45.3	21.9	37.4	34.6	213	1,125,725	5.53	2.60	797	4.5	26.4	32.8	33.5	5,184	204,015	10.01
Class IV.....	2,651	2,451	42.5	27.5	24.0	27.1	175	753,575	4.73	2.71	855	4.1	28.3	25.9	25.4	5,400	167,540	10.84
Class V.....	2,180	1,775	39.8	19.9	11.9	13.0	180	328,460	4.30	2.38	475	4.4	15.7	11.1	13.8	4,271	72,660	8.65
Class VI.....	1,445	765	29.4	8.6	2.6	3.2	162	73,610	3.90	2.41	215	3.2	7.1	4.4	3.4	6,828	26,025	12.60
Other farms.....	3,585	1,360	32.8	15.3	4.9	5.2	185	138,045	4.52	2.44	340	3.9	11.3	6.9	6.0	6,143	44,740	12.31
Area 9.....	8,162	5,856	45.3	100.0	100.0	100.0	208	2,886,409	5.81	2.80	1,809	3.8	100.0	100.0	100.0	4,567	361,918	8.78
Commercial farms.....	6,226	5,241	45.9	89.5	97.7	97.4	208	2,820,599	5.83	2.80	1,639	3.7	90.6	95.8	95.7	4,574	345,588	8.77
Class I.....	188	183	51.3	3.1	14.4	11.8	253	419,286	7.17	2.83	67	3.3	3.7	7.7	9.0	3,869	23,731	6.37
Class II.....	973	923	49.3	15.8	32.4	31.2	216	914,383	5.90	2.74	377	3.5	20.8	28.0	26.4	4,835	108,102	9.94
Class III.....	1,615	1,515	46.8	25.9	27.1	28.8	196	823,145	5.76	2.94	515	4.4	28.5	35.1	32.9	4,882	120,920	8.93
Class IV.....	1,450	1,260	41.8	21.5	15.4	16.0	200	439,660	5.53	2.76	395	3.6	21.8	15.7	16.8	4,267	57,800	8.35
Class V.....	1,270	975	36.1	16.6	6.4	7.3	181	173,165	4.76	2.64	230	3.5	12.7	7.6	8.6	4,028	26,090	7.34
Class VI.....	730	385	39.3	6.6	1.9	2.3	174	50,960	4.43	2.54	55	2.7	3.0	1.8	1.9	4,176	8,945	11.25
Other farms.....	1,936	615	30.3	10.5	2.3	2.6	189	65,810	5.19	2.75	170	4.						

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Farms reporting lime	Lime used		Acres limed	For lime	Per acre limed	
Indiana—Continued																		
Areas 1, A, and B.....	10,273	7,707	62.1	100.0	100.0	100.0	278	5,088,373	8.50	3.06	2,457	5.9	100.0	100.0	100.0	4,395	436,083	7.67
Commercial farms.....	7,332	6,421	63.5	83.3	96.4	96.6	277	4,919,713	8.51	3.07	2,207	5.9	89.8	94.8	94.6	4,403	419,028	7.79
Class I.....	395	359	73.7	4.7	23.5	17.2	380	1,179,948	11.44	3.01	181	10.3	7.4	22.4	25.3	3,891	86,648	6.02
Class II.....	1,612	1,542	69.9	20.0	36.9	38.5	266	1,891,770	8.22	3.08	656	5.1	26.7	32.6	29.6	4,842	157,960	9.38
Class III.....	1,905	1,790	59.8	23.2	20.4	23.2	244	1,030,630	7.43	3.04	625	4.9	25.4	20.9	20.1	4,567	88,680	7.76
Class IV.....	1,745	1,540	53.5	20.0	10.6	12.1	243	568,850	7.85	3.23	475	5.3	19.3	12.2	12.6	4,274	54,105	7.57
Class V.....	1,250	965	48.4	12.5	4.5	5.0	248	223,300	7.41	2.99	225	5.0	9.2	5.8	5.5	4,588	28,055	8.92
Class VI.....	425	225	29.4	2.9	0.5	0.6	248	25,215	7.08	2.85	45	6.6	1.8	0.8	1.4	2,472	3,580	4.45
Other farms.....	2,941	1,286	38.1	16.7	3.6	3.4	293	168,660	8.29	2.83	250	5.7	10.2	5.2	5.4	4,254	17,055	5.56
Area 2a.....	12,037	10,146	68.5	100.0	100.0	100.0	277	8,103,707	8.60	3.10	3,167	5.5	100.0	100.0	100.0	4,401	466,842	6.13
Commercial farms.....	10,110	9,149	68.9	90.2	98.5	98.6	277	7,998,667	8.61	3.11	2,967	5.5	93.7	97.9	98.1	4,394	456,427	6.11
Class I.....	584	563	76.0	5.5	28.5	21.3	371	2,394,783	11.91	3.21	280	8.1	8.8	28.4	28.0	4,452	127,287	5.96
Class II.....	2,616	2,581	71.1	25.4	40.0	40.3	275	3,163,314	8.32	3.03	987	4.7	31.2	34.5	33.0	4,597	161,980	6.45
Class III.....	2,725	2,605	65.9	25.7	18.1	22.4	224	1,514,440	7.18	3.21	930	5.6	29.4	22.5	23.5	4,201	101,480	5.66
Class IV.....	2,220	2,035	61.9	20.1	8.6	10.6	226	664,275	6.67	2.96	440	4.0	13.9	7.9	8.4	4,147	40,695	6.36
Class V.....	1,400	1,100	57.0	10.8	3.0	3.6	232	231,530	6.90	2.97	295	5.9	9.3	4.4	4.5	4,282	22,870	6.65
Class VI.....	565	265	38.8	2.6	0.4	0.4	252	30,325	7.61	3.02	35	4.3	1.1	0.3	0.6	2,247	2,115	4.75
Other farms.....	1,927	997	49.0	9.8	1.5	1.4	284	105,040	7.84	2.76	200	5.4	6.3	2.1	1.9	4,750	10,415	7.04
Area 2b.....	20,194	16,159	60.9	100.0	100.0	100.0	245	11,063,307	7.27	2.97	5,836	6.5	100.0	100.0	100.0	3,643	956,293	5.85
Commercial farms.....	17,112	15,212	61.1	94.1	98.8	98.9	245	10,924,689	7.26	2.96	5,619	6.5	96.3	98.5	98.6	3,640	943,803	5.85
Class I.....	1,316	1,291	65.8	8.0	24.3	20.5	291	2,698,734	8.65	2.98	725	8.2	12.4	24.3	23.8	3,726	233,723	6.01
Class II.....	5,195	5,135	61.7	31.8	43.3	44.4	239	4,829,530	7.16	2.99	2,198	6.3	37.7	41.1	41.9	3,569	405,660	5.91
Class III.....	4,706	4,501	59.9	27.9	21.7	23.4	227	2,371,735	6.65	2.93	1,626	6.0	27.9	23.2	21.8	3,886	212,590	5.96
Class IV.....	2,910	2,540	55.6	15.7	6.8	7.5	222	729,440	6.43	2.90	695	5.9	11.9	6.8	7.3	3,383	63,665	5.31
Class V.....	2,055	1,405	49.5	8.7	2.3	2.6	216	251,855	6.28	2.91	315	6.1	5.4	2.3	3.0	2,831	20,885	4.25
Class VI.....	930	340	48.7	2.1	0.4	0.5	206	43,575	6.35	3.08	60	8.4	1.0	0.7	0.7	3,475	7,280	6.17
Other farms.....	3,082	947	46.7	5.9	1.2	1.1	261	138,618	8.11	3.10	217	6.3	3.7	1.5	1.4	3,819	12,490	5.38
Areas 3 and C.....	20,707	16,372	55.2	100.0	100.0	100.0	240	6,973,675	6.87	2.87	4,376	4.8	100.0	100.0	100.0	3,168	442,180	5.02
Commercial farms.....	17,547	15,182	55.6	92.7	97.9	98.0	240	6,839,570	6.87	2.87	4,171	4.8	95.3	98.3	97.6	3,190	434,185	5.05
Class I.....	211	186	71.4	1.1	4.9	3.6	333	361,760	10.03	3.02	106	10.5	2.4	4.8	6.0	2,511	20,285	3.81
Class II.....	3,176	3,121	61.2	19.1	37.4	35.6	252	2,662,545	7.37	2.92	1,065	4.6	24.3	34.1	30.7	3,523	143,600	5.31
Class III.....	5,035	4,860	55.5	29.7	31.9	34.1	224	2,215,715	6.40	2.85	1,365	4.6	31.2	31.2	32.4	3,051	143,925	5.05
Class IV.....	4,775	4,205	48.9	25.7	16.7	17.4	230	1,134,610	6.44	2.80	1,040	4.7	23.8	19.2	19.2	3,168	87,690	5.19
Class V.....	3,355	2,470	46.0	15.1	6.5	6.7	231	422,930	6.23	2.69	505	4.6	11.5	7.7	7.7	3,152	33,955	4.98
Class VI.....	995	340	44.0	2.1	0.6	0.7	207	42,010	5.92	2.85	90	8.3	2.1	1.3	1.5	2,602	4,730	3.52
Other farms.....	3,160	1,190	41.3	7.3	2.1	2.0	253	134,105	6.77	2.68	205	4.4	4.7	1.7	2.4	2,291	7,995	3.75
Area 4.....	15,608	12,083	61.9	100.0	100.0	100.0	245	6,128,576	6.86	2.80	2,479	4.1	100.0	100.0	100.0	3,846	330,810	5.52
Commercial farms.....	12,510	10,950	62.4	90.6	98.1	98.3	245	6,020,978	6.86	2.80	2,373	4.1	95.7	97.3	97.2	3,850	320,346	5.50
Class I.....	589	579	67.1	4.8	17.0	14.1	295	1,077,748	8.55	2.89	242	5.0	9.8	17.7	15.6	4,348	59,656	6.36
Class II.....	2,911	2,816	65.1	23.3	39.0	38.3	250	2,475,060	7.23	2.90	906	5.0	36.5	41.6	43.7	3,657	142,725	5.45
Class III.....	3,425	3,290	61.3	27.2	25.9	28.3	224	1,548,990	6.12	2.73	730	3.6	29.4	24.0	24.6	3,745	75,200	5.09
Class IV.....	2,955	2,615	57.9	21.6	12.0	12.9	226	678,045	5.87	2.59	345	3.1	13.9	11.6	10.2	4,357	32,750	5.36
Class V.....	1,845	1,370	54.8	11.3	3.8	4.1	227	218,155	5.95	2.62	135	2.4	5.4	2.3	2.7	3,280	8,475	5.22
Class VI.....	785	280	31.4	2.3	0.4	0.5	207	22,980	5.03	2.42	15	1.3	0.6	0.2	0.3	2,737	1,540	8.11
Other farms.....	3,098	1,133	41.9	9.4	1.9	1.7	266	107,598	7.00	2.63	106	4.5	4.3	2.7	2.8	3,692	10,464	6.32
Areas 5 and D.....	20,859	15,897	60.5	100.0	100.0	100.0	248	8,235,151	6.84	2.75	5,649	6.8	100.0	100.0	100.0	3,660	706,967	5.20
Commercial farms.....	16,447	14,260	60.9	89.7	98.1	98.2	248	8,092,565	6.84	2.75	5,314	6.8	94.1	97.6	97.5	3,663	689,357	5.20
Class I.....	783	757	63.8	4.8	17.8	14.1	313	1,484,060	8.74	2.79	368	7.7	6.5	16.2	15.2	3,908	109,862	5.33
Class II.....	3,814	3,668	63.8	23.1	38.6	39.3	244	3,217,475	6.80	2.78	1,751	7.1	31.0	39.1	39.0	3,670	283,575	5.35
Class III.....	4,510	4,290	60.3	27.0	25.6	27.5	231	2,102,100	6.34	2.75	1,590	6.2	28.1	25.1	25.1	3,656	180,865	5.29
Class IV.....	3,345	2,945	55.6	18.5	10.9	11.8	230	870,125	6.14	2.67	880	6.1	15.6	10.8	11.3	3,499	72,145	4.67
Class V.....	2,705	2,035	54.4	12.8	4.5	4.7	242	359,875	6.42	2.66	560	7.0	9.9	4.9	5.3	3,367	32,645	4.51
Class VI.....	1,290	565	42.4	3.6	0.8	0.9	217	58,930	5.48	2.53	165	8.6	2.9	1.5	1.6	3,436	10,265	4.71
Other farms.....	4,412	1,637	42.1	10.3	1.9	1.8	260	142,586	6.69	2.57	335	6.7	5.9	2.4	2.5	3,540	17,610	5.23
Areas 6 and E.....	22,928	16,278	49.3	100.0	100.0	100.0	260											

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Fertilizer				Quantity used per acre fertilized (lb.)	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—			For fertilizer		Per acre fertilized	Per cwt. of fertilizer used	Percent distribution of—			For lime	Per acre limed				
				Farms reporting fertilizer	Fertilizer used	Acres fertilized					Farms reporting lime					Lime used		Acres limed	
Iowa, total.....	193,009	112,724	26.6	100.0	100.0	100.0	175	46,968,597	6.67	3.82	31,082	2.8	100.0	100.0	4,230	4,582,863	6.29		
Commercial farms.....	178,238	111,004	26.7	98.5	99.6	175	46,771,168	6.67	3.82	30,422	2.7	97.9	99.0	4,230	4,535,046	6.29			
Class I.....	10,302	8,587	37.2	7.6	18.4	16.2	198	8,845,744	7.74	3.90	2,522	3.1	8.1	13.5	4,398	632,076	6.68		
Class II.....	52,164	40,505	30.4	35.9	44.6	44.8	174	20,847,397	6.61	3.80	10,601	2.8	34.1	40.2	4,244	1,839,950	6.31		
Class III.....	59,884	39,324	23.6	34.9	26.5	28.2	164	12,398,142	6.25	3.81	10,128	2.6	32.6	29.6	4,228	1,324,300	6.14		
Class IV.....	33,818	16,618	17.5	14.7	8.1	8.4	168	3,763,430	6.36	3.80	5,001	2.7	16.1	11.8	4,130	535,425	6.09		
Class V.....	15,430	4,940	13.3	4.4	1.7	1.7	174	796,175	6.59	3.79	1,710	2.8	5.5	3.3	3,894	175,425	6.82		
Class VI.....	6,640	1,030	11.2	0.9	0.3	0.3	169	120,280	6.06	3.59	460	3.0	1.5	0.7	3,896	27,870	5.25		
Other farms.....	14,771	1,720	14.3	1.5	0.5	0.4	202	197,429	7.08	3.50	660	3.8	2.1	1.0	4,165	47,817	6.45		
Area 1a.....	18,538	11,591	26.6	100.0	100.0	100.0	181	5,698,281	7.38	4.07	1,118	1.1	100.0	100.0	3,067	207,333	6.68		
Commercial farms.....	17,913	11,561	26.6	99.7	99.9	99.9	181	5,694,786	7.38	4.07	1,118	1.1	100.0	100.0	3,067	207,333	6.68		
Class I.....	1,867	1,550	36.4	13.4	25.4	23.8	193	1,515,216	8.23	4.26	187	1.6	16.7	29.9	3,423	65,593	7.88		
Class II.....	7,241	5,466	27.4	47.2	49.3	48.7	183	2,729,695	7.26	3.96	611	1.2	54.7	51.9	3,012	104,215	6.36		
Class III.....	5,745	3,410	21.3	29.4	20.2	21.6	169	1,141,680	6.85	4.05	290	0.7	25.9	16.6	2,708	34,860	5.99		
Class IV.....	2,115	960	19.8	8.3	4.5	5.1	160	273,865	6.92	4.34	25	0.2	2.2	1.5	3,302	2,485	5.78		
Class V.....	660	160	14.5	1.4	0.5	0.7	150	32,480	6.45	4.30	5	0.2	0.4	0.2	2,133	180	2.40		
Class VI.....	285	15	13.9	0.1	(2)	0.1	165	1,850	4.62	2.80	...	...	...	...	...	...	...		
Other farms.....	625	30	9.6	0.3	0.1	0.1	189	3,495	7.52	3.97	...	...	...	...	...	...	...		
Areas 1b, A, and B.....	23,785	14,863	26.7	100.0	100.0	100.0	159	7,522,643	7.59	4.78	1,582	1.1	100.0	100.0	3,463	263,659	6.57		
Commercial farms.....	22,063	14,696	26.8	98.9	99.6	99.7	159	7,499,271	7.59	4.78	1,581	1.1	99.9	99.7	3,462	262,927	6.56		
Class I.....	1,447	1,167	35.3	7.9	18.3	17.5	166	1,381,592	7.98	4.80	181	1.2	11.4	15.0	3,443	45,717	7.53		
Class II.....	5,959	4,917	30.4	33.1	40.4	41.2	156	3,074,074	7.54	4.83	560	1.2	35.4	41.7	40.6	3,561	104,755	6.43	
Class III.....	7,237	5,147	24.4	34.6	28.0	28.4	157	2,080,520	7.41	4.72	560	1.1	35.4	30.8	30.9	3,450	79,225	6.39	
Class IV.....	4,570	2,555	19.2	17.2	10.3	10.1	162	758,695	7.56	4.66	210	0.8	13.3	9.5	10.0	3,293	26,510	6.58	
Class V.....	1,995	760	14.9	5.1	2.2	2.2	157	177,860	8.13	5.17	65	0.8	4.1	2.4	2.8	2,907	5,970	5.31	
Class VI.....	855	150	13.1	1.0	0.4	0.4	171	26,530	7.44	4.36	5	0.5	0.3	0.3	3,077	750	5.77		
Other farms.....	1,722	167	12.1	1.1	0.4	0.3	173	23,372	7.24	4.17	1	0.4	0.1	0.3	3,860	732	7.32		
Area 2a.....	12,352	8,659	34.6	100.0	100.0	100.0	176	4,274,750	5.85	3.33	317	0.5	100.0	100.0	2,494	56,892	5.63		
Commercial farms.....	11,927	8,604	34.6	99.4	99.9	99.8	176	4,268,180	5.85	3.33	312	0.5	98.4	99.6	2,496	56,442	5.62		
Class I.....	791	734	45.9	8.5	20.9	18.0	205	915,540	6.97	4.40	37	0.8	11.7	27.6	22.1	3,115	15,517	6.96	
Class II.....	5,045	4,160	36.6	48.0	53.6	54.0	175	2,283,120	5.78	3.31	150	0.4	47.3	37.6	43.2	2,172	25,460	5.83	
Class III.....	4,161	2,860	28.5	33.0	21.0	23.1	160	879,610	5.22	3.26	85	0.3	26.8	20.7	20.3	2,125	10,265	5.00	
Class IV.....	1,310	665	22.6	7.7	3.6	4.1	153	155,125	5.17	3.38	30	1.0	9.5	12.5	12.7	2,451	4,555	3.54	
Class V.....	380	135	25.0	1.6	0.6	0.6	196	30,835	7.48	3.83	10	0.8	3.2	1.3	1.2	2,560	645	5.16	
Class VI.....	240	50	34.1	0.6	0.1	0.1	145	3,950	5.03	3.46	...	...	...	...	...	...	...		
Other farms.....	425	55	36.7	0.6	0.1	0.2	147	6,570	5.66	3.86	5	1.4	1.6	0.4	2,000	450	10.00		
Areas 2b and C.....	26,372	15,740	29.7	100.0	100.0	100.0	175	7,751,047	6.65	3.80	1,397	0.9	100.0	100.0	3,309	196,960	5.89		
Commercial farms.....	24,549	15,638	29.8	99.4	99.6	99.8	175	7,722,952	6.65	3.80	1,372	0.9	98.2	99.6	3,318	196,155	5.90		
Class I.....	1,517	1,312	40.2	8.3	19.9	17.0	206	1,583,742	8.01	3.89	132	0.7	9.4	11.9	10.8	3,620	21,005	5.79	
Class II.....	9,082	7,176	32.9	45.6	50.9	52.3	170	3,938,800	6.46	3.80	650	1.0	46.5	52.3	53.1	3,259	110,115	6.19	
Class III.....	8,555	5,335	24.4	33.9	23.5	24.9	165	1,790,385	6.17	3.73	410	0.7	29.3	27.3	25.9	3,477	48,700	5.61	
Class IV.....	3,435	1,465	18.2	9.3	4.5	4.8	165	350,455	6.29	3.82	155	1.0	11.1	7.4	8.8	2,788	14,840	5.04	
Class V.....	1,275	260	11.2	1.7	0.5	0.5	190	40,110	7.23	3.81	25	0.4	1.8	0.8	0.7	3,955	1,495	6.80	
Class VI.....	685	90	30.8	0.6	0.3	0.3	155	19,460	5.67	3.66	...	...	...	...	...	...	...		
Other farms.....	1,823	102	13.1	0.6	0.4	0.2	306	28,095	10.48	3.43	25	1.0	1.8	0.4	0.6	1,905	805	3.83	
Area 3a.....	14,617	5,706	14.0	100.0	100.0	100.0	184	1,811,989	7.72	4.18	3,082	4.1	100.0	100.0	3,536	393,174	5.71		
Commercial farms.....	13,206	5,615	14.1	98.4	98.9	99.2	184	1,795,784	7.71	4.19	3,032	4.1	98.4	99.2	3,541	390,114	5.72		
Class I.....	316	247	28.1	4.3	13.8	12.2	210	235,321	8.24	3.92	129	5.9	4.2	7.8	8.7	3,177	29,322	4.90	
Class II.....	2,077	1,435	19.1	25.1	34.8	35.3	182	639,771	7.73	4.25	782	5.4	25.4	35.9	33.9	3,746	137,722	5.91	
Class III.....	4,203	2,048	12.6	35.9	30.1	32.4	171	564,172	7.42	4.34	1,031	3.5	33.5	29.7	30.8	3,413	120,145	5.68	
Class IV.....	3,625	1,360	10.0	23.8	15.5	15.6	183	277,920	7.58	4.14	740	3.5	24.0	19.5	18.9	3,648	78,625	6.05	
Class V.....	2,135	420	5.7	7.4	4.1	3.1	245	65,960	9.19	3.75	290	3.2	9.4	5.6	5.9	3,345	22,345	5.50	
Class VI.....	850	105	6.4	1.8	0.7	0.7	185	12,640	7.48	4.05	60	2.5	1.9	0.8	1.0	2,773	1,955	2.96	
Other farms.....	1,411	91	9.8	1.6	1.1	0.8	242	16,205	8.60	3.55	50	3.3	1.6	0.8	0.9	3,039	3,060	4.74	
Area 3b.....	16,637	7,250	16.6	100.0	100.0	100.0	200	2,212,219	7.18	3.59	4,473	5.7	100.0	100.0	3,936	633,319	5.96		
Commercial farms.....	14,092	6,895	16.7	95.1	98.4	98.5	200	2,183,919	7.20	3.60	4,253	5.7	95.1	97.3	3,920	617,499	5.95		
Class I.....	215	153	26.0	2.1	6.4														

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized	Fertilizer used		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Lime used	Acres limed	For lime		Per acre limed				
Iowa—Continued																					
Areas 6 and D.....	24,079	13,687	26.3	100.0	100.0	100.0	192	5,152,451	6.60	3.43	6,620	5.2	100.0	100.0	100.0	4,837	997,828	6.49			
Commercial farms.....	21,756	13,349	26.4	97.5	99.4	99.4	192	5,117,901	6.59	3.43	6,453	5.2	97.5	98.9	98.8	4,842	987,853	6.50			
Class I.....	1,739	1,438	34.7	10.5	22.7	20.7	211	1,193,420	7.37	3.49	743	5.4	11.2	17.3	16.4	5,087	169,668	6.72			
Class II.....	6,552	4,871	28.6	35.6	42.0	41.9	193	2,159,911	6.60	3.43	2,455	5.5	37.1	41.7	41.2	4,894	421,980	6.66			
Class III.....	6,815	4,440	23.8	32.4	24.8	26.4	181	1,272,735	6.17	3.41	1,995	4.7	30.1	27.1	26.8	4,888	271,195	6.58			
Class IV.....	3,945	1,825	18.6	13.3	7.6	8.1	181	382,180	6.05	3.34	855	4.8	12.9	9.4	10.6	4,278	91,505	5.60			
Class V.....	1,955	630	15.9	4.6	2.0	2.0	185	97,975	6.18	3.34	320	4.6	4.8	2.8	3.0	4,593	27,450	5.99			
Class VI.....	750	145	10.4	1.1	0.3	0.3	202	11,680	5.78	2.86	85	6.1	1.3	0.6	0.8	3,958	6,055	5.11			
Other farms.....	2,323	338	14.6	2.5	0.6	0.6	204	34,550	7.41	3.63	167	5.7	2.5	1.1	1.2	4,451	9,975	5.51			
Kansas, total.....	120,291	48,560	12.7	100.0	100.0	100.0	117	18,568,559	4.82	4.12	7,577	0.6	100.0	100.0	100.0	4,005	1,107,920	5.92			
Commercial farms.....	102,526	45,883	12.8	94.5	98.2	98.5	117	18,280,568	4.81	4.13	7,127	0.6	94.1	95.0	95.7	3,975	1,055,560	5.89			
Class I.....	3,601	1,898	11.3	3.9	10.7	10.6	118	2,106,570	5.16	4.37	305	0.4	4.0	7.4	7.7	3,828	85,890	5.95			
Class II.....	18,849	9,687	13.1	20.0	31.2	32.8	111	5,958,760	4.71	4.23	1,678	0.6	22.1	29.4	30.3	3,884	327,810	5.77			
Class III.....	29,826	14,676	13.5	30.2	31.2	31.5	116	5,794,886	4.77	4.12	2,445	0.7	32.3	30.6	31.3	3,919	351,042	6.00			
Class IV.....	26,325	11,981	13.1	24.7	17.5	16.8	122	3,139,928	4.85	3.97	1,711	0.7	22.6	19.6	18.1	4,322	200,139	5.89			
Class V.....	16,979	6,155	11.1	12.7	6.5	5.9	130	1,105,794	4.89	3.75	783	0.6	10.3	6.6	6.8	3,930	73,089	5.77			
Class VI.....	6,946	1,486	7.5	3.1	1.1	0.9	133	174,630	4.80	3.59	205	0.6	2.7	1.4	1.5	3,756	17,590	6.13			
Other farms.....	17,765	2,677	10.7	5.5	1.8	1.5	142	287,991	5.12	3.60	450	1.5	5.9	5.0	4.3	4,672	52,360	6.54			
Area 1.....	8,726	594	0.9	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			
Commercial farms.....	8,015	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			
Class I.....	636	153	2.0	25.8	37.9	38.4	78	102,170	4.49	5.73	5	(2)	50.0	50.0	66.7	4,000	2,000	10.00			
Class II.....	1,914	211	1.1	35.5	36.9	38.0	77	85,988	3.82	4.95	5	(2)	50.0	50.0	33.3	8,000	600	6.00			
Class III.....	2,134	167	0.7	28.1	22.0	19.4	90	50,978	4.43	4.92	...	...	...	...	...	...	...	...			
Class IV.....	1,770	34	0.2	5.7	2.6	3.2	64	10,822	5.75	9.02	...	...	...	...	...	...	...	...			
Class V.....	1,212	29	0.1	4.9	0.6	1.0	46	1,166	2.05	4.48	...	...	...	...	...	...	...	...			
Class VI.....	349	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Other farms.....	711	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Area 2a.....	15,562	1,627	2.3	100.0	100.0	100.0	84	644,234	3.67	4.38	33	(2)	100.0	100.0	100.0	3,720	10,079	8.44			
Commercial farms.....	14,717	1,607	2.4	98.8	99.7	99.8	84	642,509	3.67	4.38	33	(2)	100.0	100.0	100.0	3,720	10,079	8.44			
Class I.....	772	160	3.2	9.8	23.6	21.1	94	163,915	4.43	4.72	5	(2)	15.2	31.5	31.8	3,684	3,860	10.16			
Class II.....	4,187	743	3.0	45.7	48.1	48.7	83	305,786	3.58	4.33	12	(2)	36.4	53.8	50.4	3,967	4,584	7.61			
Class III.....	4,665	447	1.8	27.5	19.8	21.3	78	121,974	3.27	4.19	11	(2)	33.3	13.6	14.0	3,617	1,455	8.71			
Class IV.....	3,169	221	1.4	13.6	7.3	7.5	80	44,374	3.35	4.16	5	(2)	15.2	1.1	3.8	1,111	180	4.00			
Class V.....	1,470	31	0.6	1.9	1.0	1.1	72	6,265	3.23	4.48	...	...	...	...	...	...	...	...			
Class VI.....	454	5	0.2	0.3	(2)	0.1	22	195	1.05	4.88	...	...	...	...	...	...	...	...			
Other farms.....	845	20	0.8	1.2	0.3	0.2	103	1,725	4.42	4.31	...	...	...	...	...	...	...	...			
Area 2b.....	6,899	820	3.4	100.0	100.0	100.0	100	308,254	4.28	4.29	17	(2)	100.0	100.0	100.0	2,905	2,937	6.18			
Commercial farms.....	6,360	798	3.4	97.3	98.2	99.2	99	303,734	4.25	4.30	12	(2)	70.6	55.8	56.8	2,852	1,267	4.69			
Class I.....	203	57	7.5	7.0	13.7	19.3	71	56,994	4.09	5.77	...	...	...	...	...	...	...	...			
Class II.....	1,429	348	4.7	42.4	49.2	47.2	104	146,997	4.33	4.15	12	(2)	70.6	55.8	56.8	2,852	1,267	4.69			
Class III.....	2,243	277	2.5	33.8	23.7	25.3	94	70,228	3.86	4.11	...	...	...	...	...	...	...	...			
Class IV.....	1,434	86	1.3	10.5	9.8	5.5	176	25,300	6.36	3.60	...	...	...	...	...	...	...	...			
Class V.....	740	25	1.1	3.0	1.4	1.7	84	3,215	2.58	3.09	...	...	...	...	...	...	...	...			
Class VI.....	311	5	0.5	0.6	0.3	0.2	192	1,000	8.00	4.17	...	...	...	...	...	...	...	...			
Other farms.....	539	22	1.8	2.7	1.8	0.8	215	4,520	7.73	3.59	5	0.6	29.4	44.2	43.2	2,976	1,670	8.15			
Areas 3a and A.....	14,231	5,858	19.3	100.0	100.0	100.0	86	2,334,327	3.62	4.19	768	0.6	100.0	100.0	100.0	3,513	126,077	6.20			
Commercial farms.....	12,550	5,712	19.4	97.5	99.4	99.5	86	2,320,667	3.62	4.19	753	0.6	98.0	98.9	99.1	3,505	125,207	6.22			
Class I.....	475	343	26.8	5.9	13.9	13.3	90	340,243	3.97	4.40	53	0.5	6.9	8.4	8.2	3,592	9,292	5.56			
Class II.....	3,120	1,927	22.9	32.9	45.5	46.0	85	1,069,005	3.60	4.22	310	0.8	40.4	54.6	52.1	3,682	66,843	6.32			
Class III.....	4,471	1,997	16.0	34.1	27.9	28.2	85	631,641	3.48	4.07	264	0.6	34.4	28.0	31.1	3,170	38,293	6.06			
Class IV.....	2,826	1,030	14.5	17.6	9.4	9.5	86	217,063	3.55	4.13	106	0.3	13.8	6.3	6.5	3,430	8,939	6.80			
Class V.....	1,233	375	12.1	6.4	2.4	2.2	93	56,005	3.90	4.19	20	0.2	2.6	1.5	1.3	4,314	1,840	7.22			
Class VI.....	425	40	10.9	0.7	0.3	0.3	79	6,710	3.13	3.95	...	...	...	...	...	...	...	...			
Other farms.....	1,681	146	9.6	2.5	0.6	0.5	96	13,660	4.14	4.32	15	0.5	2.0	1.1	0.9	4,333	870	4.83			
Area 3b.....	8,781	4,536	23.7	100.0	100.0	100.0	96	1,721,637	4.12	4.31	355	0.5	100.0	100.0	100.0	3,646	58,866	6.19			
Commercial farms.....	8,026	4,461	23.8	98.3	99.5	99.6	96	1,714,872	4.12	4.32	350	0.5	98.6	94.2	97.6	3,518	56,866	6.13			
Class I.....	184	120	23.4	2.6	9.3	6.3	140	156,697	5.92	4.22	11	0.8	3.1	12.9	10.0	4,729	7,097	7.49			
Class II.....	1,531	1,146	30.0	25.3	38.4	39.2	94	678,899	4.14	4.43	124	0.8	34.9	40.1	45.5	3,212	23,219	5.37			
Class III.....	2,579	1,664	23.3	36.7	33.1	34.6	92	573,231	3.97	4.33	120	0.4	33.8	23.4	24.3	3,515	14,215	6.15			
Class IV.....	2,231	1,151	19.2	25.4	15.0	15.9															

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Acres limed		For lime	Per acre limed		
Kansas—Continued																		
Areas 6 and B.....	16,801	8,784	29.2	100.0	100.0	100.0	144	3,530,942	6.10	4.23	1,680	2.0	100.0	100.0	100.0	4,053	241,650	5.97
Commercial farms.....	12,644	8,237	29.8	93.8	98.1	98.3	144	3,471,571	6.10	4.24	1,570	2.0	93.5	94.7	95.3	4,027	229,870	5.96
Class I.....	348	309	43.5	3.5	11.8	11.9	143	430,933	6.26	4.38	63	1.9	3.8	7.4	7.5	4,018	18,997	6.27
Class II.....	1,680	1,517	34.6	17.3	28.8	28.8	144	1,038,940	6.24	4.33	333	2.5	19.8	28.8	29.2	4,005	65,235	5.53
Class III.....	3,516	2,915	32.3	33.2	34.4	35.1	141	1,214,242	5.98	4.23	614	2.4	36.5	36.9	36.6	4,084	92,123	6.22
Class IV.....	3,447	2,166	23.3	24.7	16.5	16.0	148	568,391	6.14	4.14	370	1.7	22.0	16.1	16.3	4,017	38,990	5.92
Class V.....	2,557	1,100	16.4	12.5	5.8	5.6	151	191,470	5.93	3.93	150	0.9	8.9	4.4	4.5	3,880	11,140	6.05
Class VI.....	1,096	230	13.4	2.6	0.8	1.0	117	27,595	4.73	4.06	40	1.1	2.4	1.0	1.2	3,558	3,385	7.13
Other farms.....	4,157	547	12.8	6.2	1.9	1.7	164	59,371	6.06	3.68	110	2.5	6.5	5.3	4.7	4,584	11,780	6.20
Area 7a.....	13,297	8,519	32.5	100.0	100.0	100.0	139	3,043,631	5.57	4.01	1,890	2.7	100.0	100.0	100.0	4,128	245,936	5.35
Commercial farms.....	10,671	7,818	32.9	91.8	97.3	97.5	139	2,972,896	5.59	4.03	1,765	2.7	93.4	94.7	95.8	4,079	232,231	5.28
Class I.....	156	138	37.2	1.6	6.5	6.4	143	200,318	5.75	4.03	42	1.7	2.2	4.2	3.5	4,955	11,072	6.94
Class II.....	977	890	39.8	10.4	22.4	22.2	141	725,602	5.99	4.26	298	3.9	15.8	23.9	25.9	3,801	56,000	4.70
Class III.....	2,249	1,972	34.5	23.1	29.7	29.9	138	921,916	5.65	4.09	559	2.9	29.6	31.1	29.4	4,376	77,421	5.74
Class IV.....	3,238	2,657	31.5	31.2	24.9	25.7	135	735,050	5.24	3.89	540	2.7	28.6	26.0	26.1	4,109	64,575	5.39
Class V.....	2,801	1,746	26.6	20.5	11.8	11.7	141	341,935	5.35	3.81	261	1.8	13.8	7.9	9.2	3,513	18,423	4.34
Class VI.....	1,250	415	15.0	4.9	1.9	1.7	156	48,075	5.30	3.40	65	1.3	3.4	1.7	1.7	4,025	4,740	5.92
Other farms.....	2,626	701	21.3	8.2	2.7	2.5	149	70,735	5.08	3.41	125	2.9	6.6	5.3	4.2	5,258	13,705	7.16
Area 7b.....	10,599	6,552	46.0	100.0	100.0	100.0	130	2,701,067	4.79	3.67	1,346	2.7	100.0	100.0	100.0	4,486	191,733	5.87
Commercial farms.....	7,429	5,847	46.7	89.2	96.7	96.8	130	2,618,652	4.80	3.68	1,186	2.5	88.1	91.6	91.2	4,506	173,593	5.83
Class I.....	66	62	45.5	0.9	4.4	3.8	150	116,374	5.38	3.58	24	3.4	1.8	5.3	5.0	4,786	10,140	6.26
Class II.....	653	607	52.0	9.3	21.4	21.0	133	602,631	5.09	3.83	194	2.7	14.4	18.8	19.1	4,411	33,890	5.42
Class III.....	1,702	1,604	50.1	24.5	33.2	34.6	125	915,278	4.69	3.74	393	2.5	29.2	27.5	29.9	4,135	59,923	6.14
Class IV.....	2,155	1,892	47.2	28.9	24.9	25.1	129	671,702	4.74	3.67	360	2.7	26.7	28.6	24.7	5,189	48,080	5.96
Class V.....	1,928	1,262	36.0	19.3	10.6	10.3	134	257,067	4.41	3.29	160	1.9	11.9	9.0	9.3	4,329	16,595	5.46
Class VI.....	925	420	25.5	6.4	2.2	2.0	148	55,600	5.04	3.40	55	2.4	4.1	2.4	3.2	3,362	4,965	4.73
Other farms.....	3,170	705	31.5	10.8	3.3	3.2	134	82,415	4.56	3.41	160	5.0	11.9	8.4	8.8	4,272	18,140	6.33
Kentucky, total.....	193,446	142,400	25.9	100.0	100.0	100.0	402	27,586,147	9.96	2.48	27,956	5.5	100.0	100.0	100.0	3,649	3,074,354	5.18
Commercial farms.....	122,784	107,617	27.7	75.6	92.5	91.5	407	25,598,119	10.10	2.49	23,656	5.9	84.6	92.1	91.3	3,683	2,828,327	5.22
Class I.....	839	754	35.8	0.5	5.4	5.8	373	1,543,760	9.66	2.59	441	8.6	1.6	6.5	6.5	3,691	178,231	4.64
Class II.....	4,683	4,336	32.0	3.0	12.4	12.6	398	3,564,768	10.24	2.57	2,047	8.0	7.3	14.6	14.7	3,618	486,297	5.56
Class III.....	14,810	13,689	28.8	9.6	20.5	19.7	417	5,821,558	10.65	2.55	4,723	6.5	16.9	21.7	20.8	3,800	637,863	5.16
Class IV.....	32,448	29,323	27.3	20.6	26.5	24.7	431	7,261,528	10.62	2.46	6,850	5.3	24.5	23.9	22.2	3,921	693,765	5.27
Class V.....	40,762	35,888	26.4	25.2	20.4	20.6	398	5,489,757	9.61	2.41	6,507	5.2	23.3	17.9	18.9	3,466	571,875	5.11
Class VI.....	29,242	23,627	21.1	16.6	7.3	8.1	364	1,916,748	8.56	2.35	3,088	4.6	11.0	7.5	8.2	3,354	260,296	5.37
Other farms.....	70,662	34,783	15.1	24.4	7.5	8.5	357	1,988,028	8.46	2.37	4,300	3.3	15.4	7.9	8.7	3,289	246,027	4.76
Area 1.....	13,071	8,723	30.0	100.0	100.0	100.0	245	1,632,061	6.27	2.56	2,988	7.2	100.0	100.0	100.0	3,336	354,756	5.72
Commercial farms.....	7,664	6,101	32.1	69.9	87.2	86.3	247	1,441,829	6.42	2.60	2,438	7.9	81.6	89.9	89.4	3,357	325,211	5.87
Class I.....	43	30	36.4	0.3	3.9	3.5	275	69,329	7.65	2.78	23	10.1	0.8	3.9	4.0	3,231	16,385	6.53
Class II.....	337	255	27.7	2.9	9.5	8.9	260	176,110	7.61	2.93	147	8.3	4.9	12.5	11.2	3,728	48,736	7.01
Class III.....	791	674	35.7	7.7	18.6	17.5	260	323,640	7.12	2.74	332	7.1	11.1	14.3	14.7	3,248	56,125	6.17
Class IV.....	1,832	1,531	34.9	17.6	24.8	24.6	247	393,650	6.15	2.49	716	7.4	24.0	23.1	22.0	3,501	82,100	6.02
Class V.....	2,731	2,296	67.7	26.3	22.7	23.5	236	362,015	5.91	2.50	830	16.7	27.8	23.8	24.4	3,248	77,415	5.11
Class VI.....	1,930	1,315	11.5	15.1	7.8	8.3	228	117,085	5.39	2.37	390	4.3	13.1	12.3	13.0	3,157	44,450	5.51
Other farms.....	5,407	2,622	21.2	30.1	12.8	13.7	228	190,232	5.33	2.34	550	3.9	18.4	10.1	10.6	3,165	29,545	4.48
Area 2.....	7,135	5,473	33.6	100.0	100.0	100.0	259	1,570,011	6.44	2.49	1,510	5.5	100.0	100.0	100.0	3,436	226,060	5.66
Commercial farms.....	5,603	4,726	34.4	86.4	96.7	96.8	259	1,519,180	6.44	2.49	1,374	5.6	91.0	96.6	96.3	3,445	217,230	5.65
Class I.....	97	88	42.0	1.6	10.5	10.3	263	185,340	7.37	2.80	55	6.7	3.6	10.0	10.1	3,400	20,297	5.05
Class II.....	425	405	37.6	7.4	24.0	21.8	285	366,044	6.89	2.42	178	6.0	11.8	22.1	21.3	3,565	60,975	7.18
Class III.....	901	820	35.5	15.0	24.4	23.4	270	385,960	6.77	2.50	366	6.6	24.2	28.7	26.5	3,728	60,785	5.75
Class IV.....	1,547	1,387	34.2	25.3	21.5	23.3	239	337,289	5.93	2.49	443	6.0	29.3	24.7	25.2	3,364	50,397	5.01
Class V.....	1,714	1,379	30.1	25.2	12.7	13.7	238	188,532	5.63	2.36	212	3.4	14.0	7.9	9.5	2,876	17,181	4.55
Class VI.....	919	647	22.2	11.8	3.6	4.2	222	56,015	5.44	2.45	120	3.3	7.9	3.2	3.8	2,869	7,595	4.96
Other farms.....	1,532	747	19.8	13.6	3.3	3.2	262	50,831	6.49	2.48	136	3.7	9.0	3.4	3.7	3,200	8,830	5.99
Area 3a.....	17,523	14,166	30.1	100.0	100.0	100.0	299	2,803,917	6.97	2.33	3,699	6.9	100.0	100.0	100.0	3,520	472,110	5.11
Commercial farms.....	11,030	10,064	31.9	71.0	87.8	86.9	302	2,468,341	7.06	2.34	2,893	7.4	78.2	88.9	87.7	3,570	422,905	5.22
Class I.....	49	34	36.8	0.2	2.7	1.9	425	80,065	10.61	2.50	31	13.2	0.8	3.3	2.9	3,908	15,248	5.64
Class II.....	257	249	35.4	1.8	8.3	8.0	310	247,799	7.67	2.48	175	14.1	4.7	11.2	13.9	2,826	51,388	3.99
Class III.....	949	894	33.4	6.3	17.1	16.8	303	508,862	7.53									

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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 used	Acres fertilized		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Farms reporting lime used	Acres limed		For lime	Per acre limed		
Kentucky—Continued																		
Area 5.....	26,050	21,692	32.1	100.0	100.0	100.0	403	3,590,564	9.69	2.40	3,281	4.4	100.0	100.0	100.0	4,050	293,755	5.74
Commercial farms.....	18,608	17,071	33.9	78.7	92.2	92.6	402	3,320,429	9.68	2.41	2,986	4.7	91.0	93.0	93.3	4,039	273,415	5.73
Class I.....	33	33	42.5	0.2	1.4	1.3	446	49,250	10.63	2.38	22	6.5	0.7	2.3	1.4	6,662	4,575	6.44
Class II.....	234	213	35.9	1.0	4.9	4.4	444	185,064	11.23	2.53	102	7.5	3.1	7.3	6.7	4,406	29,040	8.42
Class III.....	734	694	35.1	3.2	10.0	9.7	415	377,536	10.49	2.53	264	7.1	8.0	14.1	14.3	4,005	42,190	5.78
Class IV.....	3,833	3,593	34.8	16.6	27.7	27.0	414	1,011,350	10.10	2.44	902	5.2	27.5	29.1	29.5	4,000	85,540	5.67
Class V.....	7,524	6,943	34.6	32.0	33.8	34.1	400	1,201,359	9.50	2.38	1,206	4.3	36.8	30.6	30.7	4,038	85,895	5.47
Class VI.....	6,250	5,595	29.9	25.8	14.4	16.0	363	495,870	8.35	2.30	490	2.8	14.9	9.6	10.7	3,623	26,175	4.79
Other farms.....	7,442	4,621	19.2	21.3	7.8	7.4	422	270,135	9.80	2.32	295	2.4	9.0	7.0	6.7	4,213	20,340	5.93
Area 6, A, and B.....	39,973	30,871	16.9	100.0	100.0	100.0	624	6,722,654	16.47	2.64	5,425	4.8	100.0	100.0	100.0	3,585	623,429	5.40
Commercial farms.....	31,587	27,145	17.3	87.9	96.0	94.8	632	6,451,376	16.67	2.64	4,939	4.9	91.0	95.3	95.1	3,595	594,201	5.42
Class I.....	189	167	36.5	0.5	6.2	6.9	468	347,657	12.28	2.62	86	9.5	1.6	5.3	6.4	2,988	33,011	4.46
Class II.....	1,575	1,505	26.1	4.9	15.3	20.0	478	1,051,577	12.90	2.70	717	8.6	13.2	23.2	23.1	3,592	164,712	6.17
Class III.....	5,780	5,275	18.7	17.1	27.6	28.7	601	1,850,158	15.78	2.63	1,401	5.0	25.8	29.2	27.3	3,834	178,776	5.67
Class IV.....	11,163	9,783	14.1	31.7	30.3	23.9	791	2,027,750	20.76	2.63	1,617	3.2	29.8	21.3	19.0	4,025	123,540	5.63
Class V.....	8,934	7,374	12.2	23.9	14.4	11.5	777	959,209	20.39	2.62	838	4.2	15.4	11.3	14.0	2,875	66,892	4.13
Class VI.....	3,946	3,041	10.6	9.9	3.2	3.7	542	215,025	14.16	2.61	280	4.1	5.2	4.9	5.1	3,469	27,270	4.63
Other farms.....	8,386	3,726	11.6	12.1	4.0	5.2	479	271,278	12.83	2.68	486	3.1	9.0	4.7	4.9	3,394	29,228	5.13
Area 7.....	11,653	9,259	16.2	100.0	100.0	100.0	684	2,680,044	18.85	2.76	1,529	4.2	100.0	100.0	100.0	3,736	195,177	5.30
Commercial farms.....	10,102	8,603	16.5	92.9	97.8	97.6	685	2,621,182	18.88	2.76	1,419	4.2	92.8	96.8	95.8	3,772	187,247	5.30
Class I.....	222	206	27.4	2.2	17.0	29.8	390	437,806	10.34	2.65	110	6.6	7.2	30.4	27.5	4,125	53,652	5.29
Class II.....	987	886	18.8	9.6	23.6	25.7	628	649,310	17.76	2.83	242	3.7	15.8	19.9	19.7	3,771	37,870	5.23
Class III.....	2,432	2,180	14.7	23.5	27.9	21.6	882	749,456	24.39	2.77	497	3.7	29.9	20.3	21.0	3,606	38,385	4.95
Class IV.....	3,116	2,731	12.4	29.5	20.4	13.9	1,002	544,170	27.54	2.75	360	3.8	23.5	15.1	16.3	3,454	35,855	5.97
Class V.....	2,160	1,765	8.6	19.1	7.4	5.2	973	199,745	26.96	2.77	200	3.8	13.1	8.5	8.9	3,777	17,175	5.27
Class VI.....	1,185	835	5.5	9.0	1.5	1.5	721	40,695	19.71	2.73	50	2.4	3.3	2.7	2.4	4,067	4,310	4.79
Other farms.....	1,551	656	8.9	7.1	2.2	2.4	651	58,862	17.61	2.71	110	4.1	7.2	3.2	4.2	2,895	7,930	5.18
Area 8 and C.....	25,981	18,453	18.1	100.0	100.0	100.0	549	2,027,666	13.42	2.44	2,600	4.5	100.0	100.0	100.0	3,533	195,427	5.21
Commercial farms.....	13,665	11,664	20.0	63.2	81.8	80.1	562	1,661,882	13.74	2.45	1,984	5.1	76.3	82.7	81.9	3,570	161,568	5.26
Class I.....	14	4	45.0	(2)	0.3	0.5	407	6,270	9.05	2.22	1	0.6	(2)	(2)	(2)	6,000	90	9.00
Class II.....	94	79	32.7	0.4	1.9	2.7	383	40,015	9.73	2.54	36	13.6	1.4	3.4	4.5	2,680	6,630	3.89
Class III.....	470	440	32.8	2.4	9.4	12.0	432	190,161	10.50	2.43	141	7.2	5.4	12.3	10.6	4,102	22,770	5.72
Class IV.....	1,971	1,771	20.3	9.6	19.7	18.6	582	406,776	14.48	2.49	429	5.3	16.5	20.7	19.6	3,723	36,046	4.90
Class V.....	4,988	4,428	18.0	24.0	30.8	27.6	612	627,947	15.04	2.46	811	5.2	31.2	32.1	32.2	3,522	66,937	5.54
Class VI.....	6,128	4,942	17.1	26.8	19.7	18.7	580	390,713	13.86	2.39	566	3.4	21.8	14.1	14.8	3,360	29,095	5.24
Other farms.....	12,316	6,789	13.0	36.8	18.2	19.9	501	365,784	12.14	2.42	616	2.9	23.7	17.3	18.1	3,366	33,859	4.98
Area 9.....	24,227	9,880	9.8	100.0	100.0	100.0	362	356,358	7.90	2.18	1,409	4.3	100.0	100.0	100.0	2,976	95,086	4.85
Commercial farms.....	2,383	1,666	14.9	16.9	42.0	34.9	435	157,848	10.02	2.30	529	9.3	37.5	50.3	50.3	2,975	49,311	5.01
Class I.....	1	1	50.0	(2)	0.1	0.1	733	462	15.40	2.10	1	26.7	0.1	0.1	0.1	3,875	100	6.25
Class II.....	31	26	38.9	0.3	4.0	3.9	369	17,413	9.78	2.65	21	13.7	1.5	4.3	3.2	4,032	3,892	6.23
Class III.....	18	17	30.9	0.2	1.4	0.9	564	4,050	10.02	1.78	11	14.5	0.8	1.0	1.0	3,105	1,120	5.89
Class IV.....	111	98	19.9	1.0	4.5	3.9	420	14,433	8.29	1.97	34	4.7	2.4	2.9	2.1	4,093	2,273	5.56
Class V.....	613	477	16.5	4.8	15.0	11.3	480	53,405	10.46	2.18	175	12.7	12.4	20.6	20.1	3,043	21,680	5.50
Class VI.....	1,609	1,047	11.1	10.6	16.9	14.8	413	68,085	10.17	2.46	287	7.7	20.4	21.4	23.8	2,670	20,474	4.34
Other farms.....	21,844	8,214	8.3	83.1	58.0	65.1	323	198,510	6.77	2.10	880	2.8	62.5	49.7	49.7	2,976	45,775	4.70
Louisiana, total.....	111,240	73,908	43.0	100.0	100.0	100.0	237	18,927,788	7.64	3.23	2,462	1.6	100.0	100.0	100.0	1,906	489,615	5.30
Commercial farms.....	60,467	52,279	47.1	70.7	90.1	91.9	232	17,369,653	7.63	3.29	1,845	1.6	74.9	82.7	82.8	1,904	401,836	5.26
Class I.....	2,018	1,921	47.8	2.6	25.1	29.8	199	5,462,078	7.40	3.71	106	0.8	4.3	13.3	13.8	1,835	64,636	5.08
Class II.....	3,691	3,385	46.9	4.6	15.3	16.7	217	3,016,041	7.29	3.36	233	1.5	9.5	15.7	14.7	2,046	72,329	5.35
Class III.....	6,280	5,461	46.1	7.4	12.3	11.7	248	2,278,740	7.84	3.16	500	3.1	20.3	21.2	21.3	1,896	108,283	5.50
Class IV.....	13,961	12,592	50.5	17.0	15.8	14.2	263	2,809,479	7.98	3.04	489	2.0	19.9	15.1	15.2	1,896	71,826	5.13
Class V.....	21,413	18,858	50.0	25.5	15.5	14.0	261	2,754,670	7.92	3.03	338	1.7	13.7	13.4	13.1	1,944	63,922	5.28
Class VI.....	13,104	10,062	35.2	13.6	6.2	5.4	270	1,048,645	7.81	2.90	179	1.2	7.3	4.0	4.8	1,620	20,840	4.75
Other farms.....	50,773	21,629	21.4	29.3	9.9	8.1	288	1,558,135	7.75	2.69	617	1.7	25.1	17.3	17.2	1,91		

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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 used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime used	Acres limed		For lime	Per acre limed		
Louisiana—Continued																		
Area 4.....	14,615	8,642	35.3	100.0	100.0	100.0	288	1,396,252	8.01	2.78	343	2.3	100.0	100.0	100.0	1,885	59,023	5.17
Commercial farms.....	4,069	3,458	46.6	40.0	72.9	72.1	292	1,031,471	8.21	2.81	228	3.3	66.5	79.6	78.6	1,909	46,093	5.14
Class I.....	30	25	48.5	0.3	5.4	4.6	340	89,013	11.18	3.29	7	4.3	2.0	6.8	6.2	2,077	3,350	4.77
Class II.....	139	123	43.0	1.4	7.2	6.3	326	97,707	8.84	2.71	18	6.0	5.2	12.5	13.4	1,746	7,600	4.95
Class III.....	314	258	45.9	3.0	9.6	9.1	304	140,537	8.83	2.91	19	2.7	5.5	9.0	8.1	2,086	5,348	5.77
Class IV.....	558	516	54.3	6.0	17.5	17.5	289	253,896	8.32	2.88	76	4.9	22.2	21.3	24.0	1,670	11,828	4.31
Class V.....	1,130	942	56.4	10.9	18.4	18.5	287	251,160	7.78	2.71	52	3.8	15.2	22.2	18.8	2,234	13,137	6.11
Class VI.....	1,898	1,594	35.2	18.4	14.8	16.0	266	199,158	7.12	2.68	56	1.1	16.3	7.8	8.0	1,846	4,830	5.31
Other farms.....	10,546	5,184	21.7	60.0	27.1	27.9	280	364,781	7.49	2.67	115	1.1	33.5	20.4	21.4	1,800	12,930	5.29
Areas 5 and B.....	17,438	11,534	34.9	100.0	100.0	100.0	393	1,979,799	9.47	2.41	1,017	5.7	100.0	100.0	100.0	1,973	192,190	5.62
Commercial farms.....	6,844	5,854	36.5	50.8	78.2	74.2	414	1,538,032	9.91	2.39	751	6.4	73.8	81.4	79.7	2,013	157,143	5.76
Class I.....	82	64	36.2	0.6	12.6	13.5	367	247,456	8.77	2.39	17	3.1	1.7	7.3	7.1	2,031	13,296	5.47
Class II.....	407	334	32.1	2.9	10.7	11.2	378	215,746	9.24	2.44	107	8.0	10.5	19.1	16.9	2,230	33,257	5.74
Class III.....	1,049	846	41.3	7.3	17.2	15.0	451	328,375	10.46	2.32	273	10.7	26.8	21.3	23.8	1,764	46,732	5.74
Class IV.....	1,540	1,309	32.5	11.3	15.9	12.8	490	304,893	11.39	2.32	209	5.9	20.6	17.2	14.2	2,382	32,008	6.57
Class V.....	1,744	1,527	37.2	13.2	13.0	12.5	410	266,922	10.22	2.49	94	7.4	9.2	14.2	15.1	1,849	27,405	5.31
Class VI.....	2,022	1,774	42.4	15.4	8.7	9.3	368	174,640	9.03	2.45	51	1.9	5.0	2.3	2.5	1,757	4,445	5.14
Other farms.....	10,594	5,680	30.9	49.2	21.8	25.8	333	441,767	8.20	2.46	266	4.0	26.2	18.6	20.3	1,815	35,047	5.06
Area 6.....	8,222	4,896	53.6	100.0	100.0	100.0	182	2,630,245	7.28	4.00	75	0.4	100.0	100.0	100.0	1,575	10,521	4.34
Commercial farms.....	4,360	3,948	57.5	80.6	97.3	97.7	181	2,577,175	7.30	4.03	54	0.3	72.0	70.6	80.5	1,383	7,779	3.99
Class I.....	394	372	57.1	7.6	45.5	50.2	165	1,313,955	7.24	4.40	4	0.3	5.3	29.8	37.1	1,262	3,444	3.83
Class II.....	562	539	59.8	11.0	19.0	18.2	190	494,661	7.53	3.96	10	(2)	13.3	3.4	1.9	2,889	325	7.22
Class III.....	716	670	59.8	13.7	14.2	13.0	197	358,475	7.60	3.85	5	0.1	6.7	2.6	2.5	1,667	300	5.00
Class IV.....	994	949	67.6	19.4	10.3	9.5	197	234,127	6.83	3.46	20	1.2	26.7	17.8	24.8	1,133	1,950	3.25
Class V.....	1,005	887	44.5	18.1	6.3	5.0	229	135,287	7.48	3.27	15	0.8	20.0	17.0	14.2	1,884	1,760	5.10
Class VI.....	689	531	40.6	10.8	2.0	1.8	204	40,670	6.17	3.03	...	...	...	...	...	...	...	...
Other farms.....	3,862	948	13.6	19.4	2.7	2.3	212	53,070	6.41	3.03	21	0.8	28.0	29.4	19.5	2,368	2,742	5.80
Area 7.....	10,275	5,963	4.44	100.0	100.0	100.0	186	3,708,559	6.47	3.47	110	0.4	100.0	100.0	100.0	1,859	23,801	5.10
Commercial farms.....	6,286	5,166	46.6	86.6	98.1	98.7	185	3,654,518	6.46	3.49	85	0.4	77.3	89.7	91.8	1,818	22,111	5.16
Class I.....	813	789	47.8	13.2	51.4	50.0	192	1,966,394	6.87	3.58	19	0.2	17.3	32.2	30.3	3,979	7,909	5.60
Class II.....	1,244	1,180	54.2	19.8	27.2	30.2	168	1,027,974	5.94	3.53	18	0.2	16.4	12.4	14.8	1,965	4,287	6.21
Class III.....	967	827	44.3	13.9	8.6	9.3	172	308,556	5.81	3.38	31	1.7	28.2	43.0	43.2	1,851	9,520	4.72
Class IV.....	1,297	1,132	41.4	19.0	6.2	5.4	217	204,646	6.66	3.07	10	0.1	9.1	0.7	1.1	1,200	135	2.70
Class V.....	1,196	907	30.4	15.2	3.6	3.0	225	111,862	6.51	2.89	6	0.1	5.5	0.9	0.7	2,286	200	5.71
Class VI.....	769	331	11.4	5.6	1.1	0.9	229	35,086	6.79	2.96	1	0.2	0.9	0.5	1.7	525	60	0.75
Other farms.....	3,989	797	9.6	13.4	1.9	1.3	277	54,041	7.50	2.71	25	0.5	22.7	10.3	8.2	2,312	1,690	4.39
Area 8.....	7,318	4,164	26.1	100.0	100.0	100.0	297	685,360	8.19	2.76	145	1.9	100.0	100.0	100.0	2,085	38,667	6.33
Commercial farms.....	1,711	1,370	33.3	32.9	67.8	70.1	287	474,440	8.09	2.82	100	2.3	69.0	58.6	66.3	1,842	20,717	5.11
Class I.....	22	20	40.8	0.5	7.3	10.1	214	54,037	6.40	2.99	6	2.0	4.1	6.6	6.9	2,000	3,136	7.47
Class II.....	128	97	39.5	2.3	16.2	15.1	317	117,735	9.31	2.93	19	3.2	13.1	13.4	16.8	1,662	5,030	4.92
Class III.....	206	129	23.4	3.1	8.5	8.6	290	64,330	8.90	3.06	26	3.2	17.9	15.4	16.1	1,996	6,111	6.22
Class IV.....	179	162	40.6	3.9	10.0	9.0	330	63,850	8.50	2.57	18	2.8	12.4	9.5	8.6	2,305	1,440	2.74
Class V.....	445	346	29.7	8.3	14.0	15.0	278	93,028	7.41	2.67	15	0.8	10.3	7.5	5.7	2,743	2,450	7.00
Class VI.....	731	616	32.1	14.8	11.9	12.2	289	81,460	7.97	2.76	16	2.4	11.0	6.2	12.3	1,053	2,550	3.40
Other farms.....	5,607	2,794	17.4	67.1	32.2	29.9	319	210,920	8.43	2.64	45	1.4	31.0	41.4	33.7	2,564	17,950	8.73
Maine, total.....	23,371	10,602	19.0	100.0	100.0	100.0	1,372	10,238,765	41.35	3.01	3,509	4.3	100.0	100.0	100.0	1,452	240,370	4.31
Commercial farms.....	13,215	8,145	23.0	76.8	98.0	95.9	1,403	10,053,934	42.35	3.02	3,035	5.1	86.5	92.0	93.9	1,422	222,474	4.24
Class I.....	960	536	42.6	5.1	25.3	25.6	1,357	2,659,872	41.99	3.09	240	9.8	6.8	22.2	26.0	1,243	51,474	3.55
Class II.....	2,972	1,974	30.7	18.6	40.8	36.0	1,553	4,184,152	46.89	3.02	927	6.3	26.4	33.0	32.9	1,458	80,687	4.40
Class III.....	3,138	2,334	20.9	22.0	21.4	21.4	1,376	2,158,678	40.75	2.96	830	4.4	23.7	19.8	20.0	1,436	52,513	4.70
Class IV.....	2,959	1,816	11.8	17.1	7.8	8.7	1,222	780,342	36.12	2.95	654	3.1	18.6	11.6	10.2	1,655	24,837	4.35
Class V.....	2,238	984	6.9	9.3	2.1	3.0	952	209,748	28.18	2.96	267	1.8	7.6	3.8	3.4	1,617	8,435	4.43
Class VI.....	1,348	501	5.8	4.7	0.6	1.1	766	61,142	22.01	2.87	117	1.7	3.3	1.5	1.5	1,543	4,528	5.59
Other farms.....	10,156	2,457	3.8	23.2	2.0	4.1	650	184,831	18.08	2.78	474	1.3	13.5	8.0	6.1	1,918	17,896	5.27
Area 1.....	3,940	3,383	39.6	100.0	100.0	100.0	1,780	8,231,936	54.28	3.05	1,118	7.6	100.0	100.0	100.0	850	82,043	2.82
Commercial farms.....	3,515	3,323	40.9	98.2	99.8	99.7	1,782	8,219,081	54.34	3.05	1,093	7.8	97.8	99.5	99.4	851	81,438	2.82
Class I.....	319	308	57.3	9.1	27.8													

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	
Maine—Continued																			
Areas 4 and A.....	6,763	2,263	10.1	100.0	100.0	100.0	611	603,241	17.60	2.88	850	3.0	100.0	100.0	100.0	2,322	57,128	5.69	
Commercial farms.....	3,449	1,555	12.4	68.7	87.4	87.7	609	528,228	17.58	2.89	674	3.5	79.3	85.8	84.7	2,353	48,998	5.77	
Class I.....	266	69	24.8	3.0	11.8	16.6	432	74,427	13.05	3.02	35	8.0	4.1	25.7	18.4	3,253	11,590	6.29	
Class II.....	546	321	17.6	14.2	36.1	30.0	735	222,865	21.67	2.95	184	4.6	21.6	29.6	26.7	2,574	17,382	6.47	
Class III.....	809	501	13.1	22.1	24.2	25.5	578	138,825	15.85	2.74	202	3.0	23.8	15.5	19.8	1,814	11,768	5.91	
Class IV.....	772	336	6.7	14.8	9.8	9.3	643	60,095	18.83	2.93	151	2.6	17.8	10.0	12.3	1,886	5,795	4.71	
Class V.....	614	176	4.4	7.8	3.2	3.8	508	17,130	13.20	2.60	46	1.2	5.4	2.6	3.5	1,743	1,465	4.19	
Class VI.....	442	152	4.7	6.7	2.4	2.4	617	14,886	18.29	2.97	56	2.3	6.6	2.4	4.0	1,375	998	2.50	
Other farms.....	3,314	708	4.4	31.3	12.6	12.3	624	75,013	17.75	2.85	176	1.6	20.7	14.2	15.3	2,151	8,130	5.28	
Maryland, total.....																			
Commercial farms.....	22,483	24,439	52.6	100.0	100.0	100.0	444	12,849,050	10.79	2.43	9,097	10.2	100.0	100.0	100.0	1,900	1,849,989	8.01	
Class I.....	1,318	19,537	54.8	79.9	96.1	96.1	445	12,371,019	10.81	2.43	8,044	10.6	88.4	95.2	95.8	1,887	1,770,701	8.02	
Class II.....	4,402	1,087	62.8	4.4	21.0	17.6	529	2,703,292	12.89	2.43	705	15.2	7.7	20.5	21.9	1,775	385,914	7.62	
Class III.....	5,097	4,030	61.4	16.5	33.0	34.7	423	4,211,972	10.19	2.41	2,253	11.0	24.8	34.0	32.1	2,011	624,524	8.44	
Class IV.....	5,079	4,706	52.0	19.3	21.4	23.0	415	2,772,523	10.14	2.44	2,076	9.7	22.8	21.0	22.1	1,809	397,066	7.80	
Class V.....	5,024	4,601	49.1	18.8	12.9	12.9	444	1,699,162	11.06	2.49	1,623	8.6	17.8	11.8	11.7	1,902	229,810	8.49	
Class VI.....	4,078	3,551	41.0	14.5	6.2	6.2	446	787,865	10.73	2.40	1,046	8.7	11.5	6.4	6.7	1,815	110,075	7.09	
Class VII.....	2,123	1,562	32.6	6.4	1.6	1.7	410	196,205	9.69	2.36	341	4.7	3.7	1.5	1.3	2,251	23,312	7.98	
Other farms.....	10,441	4,902	2.66	20.1	3.9	3.9	442	478,031	10.17	2.30	1,053	5.4	11.6	4.8	4.2	2,199	79,288	8.20	
Area 1.....																			
Commercial farms.....	1,153	946	30.8	66.3	86.5	86.4	359	236,132	8.93	2.49	469	8.6	76.4	86.8	88.2	3,130	61,703	8.34	
Class I.....	45	39	36.9	2.7	13.9	10.1	494	36,564	11.89	2.41	12	13.9	2.0	5.6	13.8	1,293	4,175	3.60	
Class II.....	98	78	31.7	5.5	10.1	10.9	332	30,335	9.09	2.74	36	9.1	5.9	11.7	11.4	3,277	8,205	8.59	
Class III.....	203	188	37.4	13.2	22.8	25.5	320	68,431	8.77	2.74	111	8.9	18.1	26.8	22.0	3,872	19,168	10.39	
Class IV.....	231	191	31.1	13.4	17.6	15.7	400	43,372	9.01	2.25	115	10.1	18.7	20.8	18.7	3,541	13,185	8.40	
Class V.....	291	225	24.4	15.8	13.6	15.5	315	35,050	7.41	2.36	125	7.6	20.4	16.9	17.5	3,072	12,830	8.76	
Class VI.....	285	225	23.9	15.8	8.6	8.7	351	22,380	8.37	2.38	70	3.6	11.4	4.9	4.8	3,275	4,140	10.35	
Other farms.....	1,151	480	12.5	33.7	13.5	13.6	354	36,055	8.67	2.45	145	3.0	23.6	13.2	11.8	3,584	10,385	10.54	
Area 2.....																			
Commercial farms.....	6,450	5,882	52.9	79.6	95.4	95.7	373	3,052,962	8.56	2.29	2,966	9.7	100.0	100.0	100.0	2,208	554,764	8.19	
Class I.....	326	294	60.0	4.0	16.1	15.2	395	2,917,754	8.54	2.29	2,600	9.9	87.7	94.9	94.7	2,212	527,336	8.21	
Class II.....	1,511	1,451	56.5	19.6	36.8	36.2	380	541,423	9.98	2.53	193	12.9	6.5	18.6	17.2	2,392	91,302	7.85	
Class III.....	1,836	1,760	51.6	23.8	25.0	26.1	358	1,100,721	8.52	2.24	891	11.4	30.0	38.8	38.5	2,226	215,574	8.26	
Class IV.....	1,242	1,152	47.0	15.6	10.5	10.9	358	746,880	8.02	2.24	760	8.6	25.6	21.8	22.8	2,113	123,990	8.02	
Class V.....	955	825	44.4	11.2	5.4	5.7	359	318,135	8.16	2.28	431	7.6	14.5	8.5	9.3	2,032	57,390	9.15	
Class VI.....	580	400	33.0	5.4	1.6	1.6	373	163,320	8.06	2.25	245	8.5	8.3	6.0	5.7	2,317	32,530	8.39	
Other farms.....	3,276	1,511	28.5	20.4	4.6	4.3	404	47,275	8.10	2.17	80	4.7	2.7	1.1	1.2	2,000	6,550	7.84	
Areas A and B.....																			
Commercial farms.....	4,424	3,846	43.5	80.3	94.4	94.1	515	2,092,931	12.46	2.43	1,847	11.5	100.0	100.0	100.0	1,723	329,875	7.15	
Class I.....	286	254	44.0	5.3	15.6	17.6	454	1,987,940	12.58	2.44	1,615	12.0	87.4	93.3	94.6	1,701	310,970	7.11	
Class II.....	665	620	51.3	12.9	28.1	28.5	506	327,379	11.06	2.44	171	16.4	9.3	18.5	23.8	1,339	69,496	6.30	
Class III.....	867	762	42.3	15.9	22.7	20.9	556	596,661	12.47	2.46	358	12.9	19.4	31.8	26.0	2,103	99,353	8.25	
Class IV.....	1,230	1,100	40.0	23.0	17.7	17.0	534	488,465	13.92	2.50	356	11.1	19.3	18.3	20.0	1,579	60,711	6.57	
Class V.....	910	765	36.8	16.0	7.9	7.8	516	367,380	12.87	2.41	375	9.3	20.3	15.0	14.4	1,787	51,740	7.76	
Class VI.....	466	345	29.7	7.2	2.5	2.3	562	157,530	12.00	2.32	265	11.3	14.3	7.0	8.7	1,374	24,485	6.06	
Other farms.....	2,334	944	26.8	19.7	5.6	5.9	481	50,525	13.24	2.36	90	5.6	4.9	2.8	1.5	3,119	5,185	7.25	
Area 3.....																			
Commercial farms.....	3,097	2,900	44.3	81.6	94.2	94.2	572	1,142,038	14.48	2.53	730	5.8	100.0	100.0	100.0	1,862	104,490	9.94	
Class I.....	33	33	61.4	0.9	3.3	3.6	529	1,076,708	14.50	2.53	650	6.0	89.0	94.9	95.4	1,854	99,375	9.91	
Class II.....	180	174	49.3	4.9	17.4	16.1	619	36,850	13.16	2.49	15	2.6	2.1	1.6	1.1	2,583	1,425	11.88	
Class III.....	646	616	43.3	17.3	28.8	31.1	529	130,460	15.05	2.43	57	5.1	7.8	10.6	12.6	1,568	12,135	9.19	
Class IV.....	1,048	982	46.7	27.6	27.2	27.1	575	190,698	13.61	2.57	196	7.6	26.8	41.2	41.3	1,859	45,175	10.42	
Class V.....	985	940	41.7	26.4	16.4	15.3	614	333,900	15.01	2.57	197	5.7	27.0	24.5	24.9	1,833	25,285	9.65	
Class VI.....	205	155	14.9	4.4	1.1	1.1	567	190,870	15.83	2.58	170	5.3	23.3	15.5	14.5	1,987	13,745	9.01	
Other farms.....	1,031	655	32.5	18.4	5.8	5.8	575	12,940	14.79	2.61	15	1.8	2.1	1.6	1.0	2,952	1,610	15.33	
Area 4a.....																			
Commercial farms.....	4,999	3,871	62.8	100.0	100.0	100.0	415	3,524,209	10.23	2.46	1,626	10.6	100.0	100.0	100.0	1,885	487,717	8.38	
Class I.....	3,619	3,241	64.2	83.7	98.4	98.3	415	3,469,569	10.24	2.47	1,536	10.9	94.5	98.2	98.6	1,877	480,182	8.37	
Class II.....	236	200	68.3	5.2	22.8	16.4	579	3,469,569	10.24	2.47	1,536	10.9	94.5	98.2	98.6	1,877	480,182	8.37	
Class III.....	1,169	1,078	68.8	27.8	42.1	44.6	392	777,132	13.78	2.38	122	14.0	7.5	19.9	20.0	1,880	100,466	8.66	
Class IV.....	918	868	62.1	22.4	20.8	23.6	366	1,459,742	9.50	2.42	622	10.7	38.3	45.0	41.2	2,097	220,505	9.19	
Class V.....	671	615	56.9	15.9	8.8	9.5	383	747,930	9.20	2.51	402	10.6	24.7	20.8	23.8	1,644	98,431	7.10	
Class VI.....	440	355	43.0	9.2	3.2	3.5	378	351,905	10.73	2.80	250	10.0	15.4	9.5	9.9	1,819	49,110	8.54	
Class VII.....	185	125	46.8	3.2	0.6	0.7	343	112,875	9.39	2.49	115	6.9	7.1	2.6	3.3	1,510	9,725	5.07	
Other farms.....	1,380	630	28.4	16.3	1.6	1.7	401	19,985	8.14	2.37	25	4.9	1.5	0.3	0.4	1,490	1,945	7.63	
Area 4b.....																			
Commercial farms.....	4,568																		

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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.)	Expenditures (dollars)			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
Massachusetts—Continued																		
Area 1.....	2,628	1,352	20.4	100.0	100.0	100.0	786	635,338	24.60	3.13	421	3.4	100.0	100.0	100.0	2,638	26,314	6.04
Commercial farms.....	1,546	978	22.3	72.3	94.0	91.6	807	593,335	25.10	3.11	328	3.6	77.9	87.3	86.5	2,661	22,468	5.96
Class I.....	131	95	37.9	7.0	29.6	22.9	1,016	160,025	27.05	2.66	12	1.0	2.9	2.9	3.5	2,224	1,053	6.93
Class II.....	383	317	28.0	23.4	35.4	36.8	754	228,747	24.04	3.19	156	4.9	37.1	39.3	38.1	2,723	11,380	6.80
Class III.....	401	290	19.8	21.4	19.5	21.2	720	136,180	24.83	3.45	100	5.7	23.8	36.0	36.0	2,637	6,915	4.40
Class IV.....	320	155	10.6	11.5	7.0	6.3	866	44,795	27.48	3.17	40	1.2	9.5	3.9	4.4	2,368	1,155	6.08
Class V.....	175	80	11.3	5.9	1.9	3.3	440	16,825	19.68	4.47	20	2.6	4.8	5.1	4.6	2,950	1,965	9.82
Class VI.....	136	41	4.3	3.0	0.8	0.9	647	6,763	28.06	4.34	...	...	...	...	...	...	...	...
Other farms.....	1,082	374	10.5	27.7	6.0	8.4	556	42,003	19.26	3.47	93	2.8	22.1	12.7	13.5	2,490	3,846	6.54
Area A.....																		
Commercial farms.....	1,802	1,376	43.1	72.9	94.2	92.1	1,016	1,244,829	34.47	3.39	562	9.3	77.3	88.2	86.4	2,311	69,535	8.92
Class I.....	170	134	57.7	7.1	43.6	27.4	1,579	524,164	48.80	3.09	71	15.2	9.8	25.5	31.4	1,844	21,755	7.69
Class II.....	332	262	53.9	13.9	20.2	26.1	771	296,230	28.99	3.76	136	10.8	18.7	29.1	22.8	2,891	21,710	10.56
Class III.....	465	415	40.7	22.0	19.0	24.4	770	259,110	27.02	3.51	205	7.8	28.2	25.3	20.4	2,815	20,375	11.07
Class IV.....	395	275	24.4	14.6	7.6	8.9	843	112,115	31.94	3.79	100	4.9	13.8	6.7	7.9	1,915	4,555	6.42
Class V.....	350	230	29.3	12.2	3.5	4.7	735	49,425	26.72	3.63	45	5.6	6.2	1.5	3.9	873	1,125	3.17
Class VI.....	90	60	10.5	3.2	0.3	0.5	650	3,785	18.92	2.91	5	0.3	0.7	(2)	0.1	2,000	15	3.00
Other farms.....	1,206	511	19.4	27.1	5.8	7.9	721	62,871	20.17	2.80	165	7.7	22.7	11.8	13.6	1,967	8,445	6.87
Area B.....																		
Commercial farms.....	1,999	943	27.0	76.2	89.0	90.8	462	373,830	12.90	2.80	460	4.6	85.3	91.0	90.6	2,690	54,601	11.10
Class I.....	205	135	41.0	10.9	33.6	33.9	468	141,230	13.08	2.80	94	5.5	17.4	30.0	26.6	3,019	18,836	13.05
Class II.....	487	332	32.5	26.8	30.3	31.9	447	118,295	11.63	2.60	180	6.3	33.4	37.2	36.1	2,760	22,230	11.34
Class III.....	437	216	18.8	17.5	13.3	14.1	447	62,575	13.95	3.12	71	2.9	13.2	11.4	12.8	2,378	6,480	9.34
Class IV.....	375	130	14.8	10.5	7.2	7.1	475	34,255	15.12	3.18	75	3.4	13.9	8.3	9.5	2,350	5,000	9.71
Class V.....	320	95	14.6	7.7	3.1	3.1	479	10,750	10.91	2.28	40	4.5	7.4	4.1	5.6	1,967	2,055	6.74
Class VI.....	175	35	7.2	2.8	1.4	0.8	815	6,725	2,538	3.11	...	...	...	...	...	...	...	...
Other farms.....	1,274	294	10.8	23.8	11.0	9.2	568	40,959	14.03	2.47	79	1.9	14.7	9.0	9.4	2,569	4,640	9.10
Area C.....																		
Commercial farms.....	3,045	1,538	34.4	81.6	84.1	84.9	611	577,730	17.49	2.86	577	7.3	78.2	83.2	84.9	1,800	57,107	8.10
Class I.....	344	197	45.0	10.5	24.5	22.5	671	164,105	18.74	2.79	92	8.3	12.5	22.3	19.5	2,105	15,472	9.56
Class II.....	691	401	42.0	21.3	28.3	28.6	609	199,650	17.94	2.94	165	8.3	22.4	30.7	26.4	2,137	20,415	9.32
Class III.....	710	415	31.8	22.0	18.5	18.7	611	127,530	17.55	2.87	160	7.5	21.7	17.1	20.7	1,517	12,460	7.24
Class IV.....	570	235	19.9	12.5	6.7	8.0	516	44,570	14.31	2.77	80	7.4	10.8	8.7	14.0	1,147	6,670	5.75
Class V.....	480	185	25.8	9.8	4.6	5.8	493	30,170	13.41	2.72	45	2.2	6.1	2.4	2.3	1,846	1,550	7.95
Class VI.....	250	105	17.8	5.6	1.6	1.3	737	11,705	22.95	3.11	35	5.7	4.7	2.0	2.0	1,818	540	3.27
Other farms.....	1,341	346	26.9	18.4	15.9	15.1	649	87,175	14.87	2.29	161	5.7	21.8	16.8	15.1	2,048	10,011	8.01
Areas 2, D, and E.....																		
Commercial farms.....	2,569	1,262	37.8	77.7	91.5	93.0	536	407,550	14.86	2.77	423	7.1	72.3	85.3	86.3	2,521	44,421	8.59
Class I.....	250	166	48.5	10.2	34.4	35.6	528	147,100	14.02	2.66	72	11.9	12.3	27.6	43.2	1,632	12,110	4.68
Class II.....	652	370	37.4	22.8	29.3	33.5	477	139,115	14.09	2.96	141	5.0	24.1	29.2	22.2	3,357	16,016	12.05
Class III.....	485	245	38.5	15.1	15.7	12.0	711	67,925	19.13	2.69	80	7.4	13.7	15.0	11.4	3,368	10,505	15.45
Class IV.....	507	226	27.0	13.9	7.1	7.1	546	31,645	15.21	2.79	65	3.2	11.1	6.0	4.2	3,680	3,350	13.40
Class V.....	450	200	20.7	12.3	4.0	4.2	522	16,655	13.60	2.60	50	4.7	8.5	7.2	4.7	3,929	2,300	8.21
Class VI.....	225	55	13.3	3.4	1.1	0.7	800	5,110	23.23	2.90	15	2.7	2.6	0.3	0.8	889	140	3.11
Other farms.....	1,452	362	15.9	22.3	8.5	7.0	661	31,094	15.08	2.28	162	6.3	27.7	14.7	13.7	2,735	7,847	9.58
Michigan, total.....																		
Commercial farms.....	98,161	81,041	44.4	82.1	94.7	94.8	250	31,163,156	7.26	2.90	12,078	2.2	88.5	94.0	93.3	3,943	1,437,722	6.85
Class I.....	1,542	1,435	63.0	1.5	9.2	6.1	379	3,094,898	11.30	2.98	366	3.8	2.7	8.4	7.4	4,419	125,311	7.51
Class II.....	10,831	10,423	57.5	10.6	26.6	25.4	262	8,983,736	7.81	2.98	2,148	2.5	15.7	22.1	22.4	3,871	371,686	7.39
Class III.....	22,556	21,326	48.8	21.6	28.4	30.4	234	9,392,354	6.83	2.91	3,624	2.3	26.5	29.5	28.5	4,046	424,712	6.62
Class IV.....	27,473	23,927	39.6	24.2	19.1	20.8	229	6,040,646	6.40	2.79	3,255	1.9	23.8	20.9	20.5	4,000	317,678	6.89
Class V.....	26,029	19,078	29.0	19.3	9.9	10.4	237	3,128,037	6.64	2.80	2,285	1.8	16.7	11.6	12.9	3,520	176,040	6.05
Class VI.....	9,730	4,852	19.0	4.9	1.7	1.7	239	523,485	6.62	2.78	400	0.9	2.9	1.5	1.6	3,577	22,295	6.08
Other farms.....	40,782	17,714	19.1	17.9	5.3	5.2	257	1,669,703	7.15	2.78	1,575	1.2	11.5	6.0	6.7	3,499	105,104	7.01
Area 1.....																		
Commercial farms.....	2,218	912	10.5	73.4	85.7	87.3	343	153,075	9.34	2.73	352	2.6	73.8	81.3	80.5	4,874	24,870	6.10
Class I.....	11	10	67.1	0.8	8.4	7.7	379	14,250	9.83	2.59	...	...	...	...	...	...	...	...
Class II.....	70	55	26.3	4.4	14.9	12.0	434	25,850	11.49	2.65	15	1.8	3.1	2.9	3.1	4,645	1,140	7.35
Class III.....	205	134	13.5	10.8	16.0	17.4	322	29,560	9.06	2.81	76	3.4	15.9	16.0	16.3	4,739	5,150	6.24
Class IV.....	679	378	11.8	30.4	29.4	33.3	308	53,965	8.63	2.80	146	3.4	30.6	35.2	35.6	4,783	10,020	5.57
Class V.....	942	265	4.8	21.3	14.3	13.9	360	24,480	9.40	2.61	95	1.9	19.9	23.3	20.2	5,578	7,040	6.90
Class VI.....	311	70	3.9	5.														

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
Michigan—Continued																		
Area 4a.....	10,046	5,662	19.7	100.0	100.0	283	1,351,056	8.42	2.98	1,406	2.5	100.0	100.0	100.0	3,382	110,069	5.50	
Commercial farms.....	6,648	4,576	22.2	80.8	92.8	284	1,255,456	8.47	2.98	1,171	2.6	83.3	90.6	88.1	3,480	96,264	5.46	
Class I.....	40	34	43.5	0.6	5.9	3.3	82,907	15.63	3.08	12	5.4	0.9	7.3	3.3	7,497	2,608	3.95	
Class II.....	291	268	44.7	4.7	17.5	14.8	244,131	10.28	3.08	100	3.8	7.1	11.9	10.2	3,958	12,624	6.18	
Class III.....	1,028	923	30.1	16.3	27.4	26.5	377,424	8.89	3.03	271	3.3	19.3	23.9	23.2	3,477	26,410	5.68	
Class IV.....	1,820	1,508	23.2	26.6	24.4	27.9	328,209	7.33	2.96	367	2.4	26.1	23.5	23.5	3,385	26,785	5.70	
Class V.....	2,394	1,423	13.1	25.1	15.3	16.7	194,720	7.27	2.80	376	2.4	26.7	20.3	24.4	2,814	24,102	4.93	
Class VI.....	1,075	420	7.9	7.4	2.2	3.2	199	28,065	5.52	2.77	45	1.1	3.2	3.6	3,618	3,735	5.49	
Other farms.....	3,398	1,086	8.4	19.2	7.2	7.6	267	95,600	7.81	2.92	235	1.6	16.7	9.4	11.9	2,657	13,805	5.78
Area 4b.....	8,195	4,286	18.7	100.0	100.0	244	785,836	6.61	2.72	396	1.0	100.0	100.0	100.0	3,496	39,997	6.27	
Commercial farms.....	5,462	3,396	20.7	79.2	90.9	91.9	717,916	6.57	2.73	351	1.1	88.6	96.0	94.6	3,547	38,687	6.41	
Class I.....	24	18	32.4	0.4	2.9	2.3	24,637	9.01	2.93	1	0.3	0.3	0.4	0.4	4,000	250	10.00	
Class II.....	176	154	34.9	3.6	11.7	10.7	266	95,397	7.48	2.81	23	1.4	5.8	10.3	7.9	4,558	4,324	8.61
Class III.....	670	576	28.4	13.4	24.9	22.6	269	196,571	7.32	2.73	106	2.7	26.8	33.4	40.5	2,888	11,427	4.43
Class IV.....	1,448	1,075	22.4	25.1	28.0	31.8	215	213,450	5.65	2.63	107	0.8	27.0	24.5	22.2	3,866	10,713	7.57
Class V.....	1,954	1,128	14.2	26.3	17.7	18.7	231	138,331	6.24	2.71	94	0.8	23.7	24.9	20.4	4,260	10,113	7.77
Class VI.....	1,190	445	11.0	10.4	5.7	5.8	239	49,530	7.14	2.99	20	0.3	5.1	2.5	3.3	2,619	1,860	8.86
Other farms.....	2,733	890	9.0	20.8	9.1	8.1	272	67,920	7.05	2.59	45	0.3	11.4	4.0	5.4	2,609	1,310	3.80
Areas 5a and A.....	15,441	12,079	51.3	100.0	100.0	246	4,279,163	6.87	2.79	730	0.9	100.0	100.0	100.0	3,104	70,755	6.31	
Commercial farms.....	11,626	10,189	53.5	84.4	95.5	94.9	4,093,703	6.92	2.79	635	0.9	87.0	90.1	91.0	3,076	61,900	6.07	
Class I.....	173	167	71.2	1.4	9.5	6.4	369	405,743	10.22	2.77	20	2.2	2.7	9.7	10.9	2,759	8,195	6.69
Class II.....	1,297	1,217	66.5	10.1	26.0	23.8	261	1,125,130	7.58	2.82	90	0.7	12.3	17.3	14.0	3,325	11,590	7.36
Class III.....	2,940	2,805	57.2	23.2	29.6	31.6	239	1,299,410	6.61	2.85	165	0.8	22.6	16.6	23.8	2,164	12,200	4.56
Class IV.....	3,451	3,180	47.6	26.3	19.7	21.8	224	827,445	6.10	2.73	220	1.1	30.1	26.2	27.4	2,971	18,405	6.00
Class V.....	2,940	2,325	37.5	19.2	9.0	9.8	228	375,910	6.17	2.70	125	0.9	17.1	19.0	13.0	4,543	10,080	6.93
Class VI.....	865	495	28.1	4.1	1.5	1.6	225	60,065	5.86	2.60	15	0.6	2.1	1.3	1.8	2,195	1,430	6.98
Other farms.....	3,815	1,890	29.0	15.6	4.5	5.1	221	185,460	5.88	2.66	95	0.9	13.0	9.9	9.0	3,389	8,855	8.72
Area 5b.....	11,429	10,104	56.7	100.0	100.0	239	4,475,226	6.88	2.88	311	0.4	100.0	100.0	100.0	3,526	31,375	7.16	
Commercial farms.....	9,628	9,118	58.2	90.2	97.9	97.7	4,386,903	6.90	2.89	281	0.4	90.4	90.4	94.4	3,374	28,795	6.96	
Class I.....	145	145	75.5	1.4	7.9	5.4	346	364,628	10.31	2.98	6	0.2	1.9	3.9	2.4	5,810	1,160	11.05
Class II.....	1,417	1,412	68.9	14.0	30.3	27.7	261	1,420,496	7.87	3.02	40	0.2	12.9	23.1	14.1	5,758	7,770	12.53
Class III.....	2,711	2,671	58.6	26.4	30.7	32.5	225	1,392,824	6.58	2.92	110	0.4	35.4	29.6	35.7	2,927	9,610	6.14
Class IV.....	2,815	2,760	52.5	27.3	19.5	22.2	210	826,295	5.72	2.73	95	0.5	30.5	26.1	32.3	2,848	7,550	5.34
Class V.....	1,930	1,750	45.5	17.3	8.3	8.7	229	338,875	5.99	2.62	30	0.3	9.6	7.6	9.9	2,713	2,705	6.22
Class VI.....	610	380	30.1	3.8	1.1	1.1	244	43,785	6.15	2.52	...	...	...	...	...	...	...	...
Other farms.....	1,801	986	27.6	9.8	2.1	2.3	221	88,323	5.91	2.67	30	0.5	9.6	9.6	5.6	6,082	2,580	10.53
Areas 6a, B, and C.....	12,655	8,709	39.5	100.0	100.0	273	2,513,696	8.11	2.97	1,770	3.4	100.0	100.0	100.0	3,862	191,005	7.25	
Commercial farms.....	8,754	7,248	43.0	83.2	94.3	94.5	2,375,115	8.11	2.98	1,610	3.6	91.0	94.1	93.5	3,886	178,280	7.24	
Class I.....	168	148	64.4	1.7	10.6	6.5	447	287,935	14.30	3.20	65	5.4	3.7	6.5	6.4	3,953	15,360	9.12
Class II.....	1,005	940	51.1	10.8	23.9	22.8	286	609,380	8.63	3.02	340	4.8	19.2	24.9	25.2	3,804	50,730	7.63
Class III.....	1,996	1,890	46.9	21.7	26.5	28.8	251	673,745	7.55	3.00	455	3.8	25.7	27.5	27.5	3,862	46,835	6.46
Class IV.....	2,655	2,245	39.9	25.8	21.2	23.5	246	510,120	7.00	2.85	370	2.5	20.9	20.7	17.7	4,259	42,110	9.06
Class V.....	2,260	1,720	31.4	19.7	10.8	11.6	255	263,525	7.34	2.88	305	3.4	17.2	12.5	14.7	3,288	19,855	5.14
Class VI.....	670	305	16.5	3.5	1.3	1.3	269	30,410	7.42	2.76	75	2.2	4.2	2.0	2.0	3,738	3,390	6.34
Other farms.....	3,901	1,461	16.4	16.8	5.7	5.5	282	138,581	8.11	2.88	160	1.6	9.0	5.9	6.5	3,522	12,725	7.42
Area 6b.....	8,078	6,472	51.3	100.0	100.0	336	2,362,675	10.86	3.24	1,283	4.2	100.0	100.0	100.0	3,935	139,049	7.77	
Commercial farms.....	5,353	4,817	55.2	74.4	93.8	93.7	2,220,300	10.88	3.24	1,103	4.5	86.0	94.5	93.7	3,969	131,454	7.83	
Class I.....	195	190	65.3	2.9	13.5	9.3	485	329,508	16.26	3.35	58	6.7	4.5	10.9	11.7	3,682	18,864	9.01
Class II.....	693	682	64.5	10.5	27.8	27.1	344	670,017	11.35	3.30	255	5.0	19.9	26.6	25.4	4,128	42,845	9.43
Class III.....	1,105	1,075	59.2	16.6	25.3	27.5	309	599,080	10.01	3.24	330	4.8	25.7	30.4	27.1	4,419	36,300	7.93
Class IV.....	1,300	1,165	50.8	18.0	14.9	16.5	304	345,165	9.60	3.16	260	4.0	20.3	14.6	15.6	3,675	19,805	7.07
Class V.....	1,400	1,220	39.5	18.9	9.7	10.5	310	222,670	9.73	3.14	160	3.8	12.5	10.7	12.4	3,413	12,140	5.48
Class VI.....	660	485	34.9	7.5	2.6	2.8	310	53,860	8.93	2.88	40	1.6	3.1	1.2	1.6	3,071	1,500	5.36
Other farms.....	2,725	1,655	25.0	25.6	6.2	6.3	335	142,375	10.46	3.12	180	2.1	14.0	5.5	6.3	3,429	7,595	6.78
Area 7, D, and E.....	22,800	17,403	45.4	100.0	100.0	228	5,878,101	6.51	2.86	2,252	2.0	100.0	100.0	100.0	3,439	290,035	7.36	
Commercial farms.....	16,582	14,540	46.9	83.5	94.2	94.6	5,558,842	6.50	2.87	2,088	2.0	92.7	93.8	94.3	3,420	271,941	7.32	
Class I.....	157	140	57.6	0.8	5.4	3.3	372	312,053	10.50	2.82	37	3.3	1.6	5.4	4.			

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Acres limed		For lime	Per acre limed		
Michigan—Continued																		
Areas 9b and C.....	11,203	7,710	41.3	100.0	100.0	100.0	241	2,995,387	7.36	3.06	2,381	4.7	100.0	100.0	100.0	5,387	341,934	7.38
Commercial farms.....	7,641	6,223	43.8	80.7	94.9	95.0	240	2,841,532	7.35	3.06	2,116	5.0	88.9	96.5	95.6	5,438	325,864	7.36
Class I.....	180	163	60.2	2.1	13.4	9.2	351	389,297	10.40	2.96	66	7.1	2.8	11.9	9.5	6,782	38,809	8.83
Class II.....	940	910	52.3	11.8	26.2	26.1	241	802,895	7.56	3.13	355	5.1	14.9	22.1	22.2	5,358	78,915	7.68
Class III.....	1,845	1,760	46.2	22.8	29.1	31.2	224	883,335	6.95	3.10	675	5.1	28.3	31.7	30.5	5,584	104,975	7.42
Class IV.....	2,131	1,765	38.1	22.9	16.3	18.4	214	480,560	6.41	3.00	625	5.1	26.2	20.5	21.8	5,052	65,760	6.51
Class V.....	1,885	1,350	30.8	17.5	8.7	9.0	233	253,775	6.92	2.97	350	4.1	14.7	9.2	10.7	4,648	34,230	6.94
Class VI.....	660	275	15.9	3.6	1.1	1.0	263	31,670	7.43	2.82	45	1.5	1.9	1.2	0.9	7,024	3,175	7.74
Other farms.....	3,562	1,487	19.8	19.3	5.1	5.0	248	153,855	7.60	3.06	265	2.0	11.1	3.5	4.4	4,282	16,070	7.82
Minnesota, total.....	165,324	74,717	18.6	100.0	100.0	100.0	151	23,202,508	5.54	3.66	12,199	0.9	100.0	100.0	100.0	3,908	994,664	5.05
Commercial farms.....	146,527	72,466	18.8	97.0	98.9	99.1	151	22,975,308	5.54	3.66	11,580	0.9	94.9	97.2	96.3	3,947	960,039	5.07
Class I.....	3,008	2,450	41.1	3.3	14.3	12.9	168	3,390,550	6.29	3.74	291	1.0	2.4	7.0	6.5	4,244	69,397	5.45
Class II.....	23,503	17,719	25.5	23.7	37.6	36.2	157	8,913,140	5.88	3.73	2,326	0.9	19.1	31.1	28.0	4,341	305,472	5.54
Class III.....	46,975	26,874	17.0	36.0	30.4	31.9	144	6,952,023	5.21	3.61	4,246	0.9	34.8	35.4	35.0	3,944	340,382	4.93
Class IV.....	40,588	17,837	12.6	23.9	12.9	14.2	137	2,918,311	4.90	3.57	3,168	0.8	26.0	17.3	19.5	3,473	178,132	4.64
Class V.....	23,103	6,314	8.1	8.5	3.2	3.4	141	690,675	4.83	3.43	1,306	0.7	10.7	5.6	6.2	3,533	58,050	4.77
Class VI.....	9,350	1,272	5.4	1.7	0.5	0.5	153	110,609	4.99	3.26	243	0.5	2.0	0.8	1.1	2,952	8,606	4.02
Other farms.....	18,797	2,251	7.6	3.0	1.1	0.9	190	227,200	6.16	3.25	619	1.5	5.1	2.8	3.7	2,921	34,625	4.72
Area 1.....	16,356	8,480	26.1	100.0	100.0	100.0	93	4,092,908	3.67	3.93	34	(2)	100.0	100.0	100.0	1,738	494	2.59
Commercial farms.....	14,951	8,310	26.4	98.0	99.3	99.5	93	4,066,388	3.66	3.93	34	(2)	100.0	100.0	100.0	1,738	494	2.59
Class I.....	476	436	48.8	5.1	23.9	21.0	106	990,613	4.23	3.99	...	...	...	...	...	...	...	...
Class II.....	2,025	1,654	34.9	19.5	31.2	31.9	91	1,300,618	3.66	4.01	8	(2)	23.5	39.8	21.5	3,220	183	4.46
Class III.....	3,813	2,635	25.1	31.1	25.3	27.8	85	1,026,270	3.31	3.90	1	(2)	2.9	12.0	10.5	2,000	46	2.30
Class IV.....	4,743	2,515	16.6	29.7	14.6	14.7	93	579,503	3.54	3.81	10	(2)	29.4	21.1	34.0	1,077	140	2.15
Class V.....	2,812	898	10.1	10.6	3.8	3.6	100	145,830	3.64	3.65	10	(2)	29.4	6.0	7.9	1,333	55	3.67
Class VI.....	1,082	172	6.7	2.0	0.6	0.5	104	23,554	3.97	3.84	5	0.1	14.7	21.1	26.2	1,400	70	1.40
Other farms.....	1,405	170	9.9	2.0	0.7	0.5	111	26,520	4.34	3.90	...	...	...	...	...	...	...	...
Areas 2 and A.....	17,296	3,188	5.7	100.0	100.0	100.0	180	374,397	5.99	3.34	1,277	1.2	100.0	100.0	100.0	3,258	76,387	6.08
Commercial farms.....	10,545	2,606	6.5	81.7	90.7	92.9	175	341,613	5.88	3.36	1,031	1.2	80.7	85.6	87.1	3,203	65,457	5.99
Class I.....	63	17	14.9	0.5	2.0	1.9	190	7,515	6.50	3.42	10	2.8	0.8	2.4	1.8	4,545	1,835	8.34
Class II.....	191	113	20.4	3.5	13.6	15.0	163	54,835	5.85	3.59	31	1.4	2.4	7.6	5.3	4,647	6,500	9.77
Class III.....	818	417	11.3	13.1	18.2	23.0	143	71,759	4.99	3.50	151	1.3	11.8	15.7	12.8	4,012	11,970	7.46
Class IV.....	2,882	1,009	6.1	31.6	31.9	29.2	196	122,744	6.72	3.43	407	1.6	31.9	31.5	37.7	2,722	26,367	5.57
Class V.....	4,370	830	4.1	26.0	21.1	20.4	185	69,710	5.45	2.95	366	1.0	28.7	24.2	25.0	3,146	15,725	5.01
Class VI.....	2,221	220	2.1	6.9	3.9	3.4	210	15,050	7.18	3.42	66	0.6	5.2	4.2	4.5	3,027	3,060	5.42
Other farms.....	6,751	582	2.2	18.3	9.3	7.1	234	32,784	7.36	3.14	246	0.8	19.3	14.4	12.9	3,625	10,930	6.73
Area 3.....	16,268	5,032	10.0	100.0	100.0	100.0	127	773,018	4.45	3.50	205	0.2	100.0	100.0	100.0	2,357	18,495	6.68
Commercial farms.....	14,437	4,891	10.1	97.2	97.2	98.5	126	756,639	4.42	3.52	185	0.1	90.2	83.0	86.3	2,268	14,615	6.12
Class I.....	97	56	30.0	1.1	3.7	4.4	105	32,692	4.23	4.02	...	...	...	...	...	...	...	...
Class II.....	548	419	20.8	8.3	18.6	18.2	130	150,630	4.77	3.67	15	0.3	7.3	15.6	14.8	2,488	2,115	5.16
Class III.....	2,830	1,435	11.6	28.5	32.0	33.5	121	251,077	4.32	3.56	45	0.1	22.0	29.1	22.0	3,115	3,720	6.10
Class IV.....	5,471	2,140	8.8	42.5	33.5	32.9	130	253,180	4.44	3.42	85	0.2	41.5	33.4	38.1	2,066	7,220	6.84
Class V.....	3,906	726	5.3	14.4	8.1	8.7	118	63,050	4.17	3.53	30	0.1	14.6	3.8	10.6	847	1,305	4.42
Class VI.....	1,585	115	1.9	2.3	1.4	0.8	215	6,010	4.20	1.95	10	(2)	4.9	1.1	0.7	3,500	255	12.75
Other farms.....	1,831	141	5.8	2.8	2.8	1.5	232	16,379	6.22	2.69	20	0.8	9.8	17.0	13.7	2,921	3,880	10.21
Area 4.....	13,911	8,021	19.3	100.0	100.0	100.0	161	1,238,526	5.71	3.55	2,632	2.5	100.0	100.0	100.0	3,293	125,141	4.53
Commercial farms.....	11,783	7,494	19.9	93.4	96.6	96.5	161	1,198,858	5.73	3.55	2,457	2.5	93.4	95.2	93.6	3,349	118,996	4.60
Class I.....	33	18	28.4	0.2	1.5	0.8	304	17,965	10.68	3.51	10	3.0	0.4	0.8	0.6	4,171	825	4.71
Class II.....	322	270	32.9	3.4	11.8	10.5	182	149,449	6.58	3.62	158	3.7	6.0	10.4	9.3	3,675	14,982	5.84
Class III.....	2,041	1,816	25.7	22.6	32.8	33.3	159	403,134	5.59	3.52	698	3.0	26.5	32.1	30.7	3,440	39,296	4.63
Class IV.....	4,716	3,445	19.7	42.9	36.6	38.5	153	470,285	5.64	3.68	1,085	2.5	41.2	36.8	38.5	3,145	48,250	4.53
Class V.....	3,525	1,650	11.3	20.6	12.0	11.6	166	134,790	5.36	3.23	425	1.5	16.1	12.9	12.0	3,542	13,235	3.99
Class VI.....	1,146	295	8.3	3.7	1.9	1.9	161	23,235	5.52	3.44	81	1.3	3.1	2.2	2.4	3,003	2,408	3.57
Other farms.....	2,128	527	10.4	6.6	3.4	3.5	158	39,668	5.28	3.33	175	2.5	6.6	4.8	6.4	2,486	6,145	3.47
Area 5.....	21,871	9,813	12.7	100.0	100.0	100.0	169	3,387,991	6.42	3.79	70							

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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
Minnesota—Continued																		
Area 8.....	20,862	12,069	21.2	100.0	100.0	100.0	168	4,623,126	6.08	3.61	96	0.1	100.0	100.0	100.0	3,470	26,504	8.53
Commercial farms.....	20,187	12,049	21.2	99.8	100.0	100.0	168	4,621,511	6.08	3.61	91	0.1	94.8	99.9	99.7	3,478	26,489	8.55
Class I.....	892	777	37.1	6.4	16.7	14.1	200	766,310	7.15	3.58	16	0.4	16.7	32.6	37.7	2,997	5,454	4.65
Class II.....	6,154	4,757	24.9	39.4	46.9	46.4	170	2,215,291	6.27	3.69	30	(2)	31.2	10.8	9.8	3,836	2,790	9.15
Class III.....	8,210	4,705	17.1	39.0	28.4	30.6	157	1,275,000	5.48	3.50	30	0.1	31.2	52.6	44.7	4,079	16,390	11.79
Class IV.....	3,446	1,440	13.5	11.9	6.6	7.4	150	302,875	5.36	3.57	15	0.1	15.6	3.9	7.4	1,826	1,855	8.07
Class V.....	1,060	300	11.5	2.5	1.1	1.2	154	53,485	5.84	3.80	...	...	...	...	...	...	...	...
Class VI.....	425	70	11.8	0.6	0.2	0.2	154	8,550	5.39	3.50	...	...	...	...	...	...	...	...
Other farms.....	675	20	9.0	0.2	(2)	(2)	117	1,615	4.49	3.85	5	0.3	5.2	0.1	0.3	1,000	15	1.50
Mississippi, total.....	215,887	180,449	51.7	100.0	100.0	100.0	318	40,773,991	9.16	2.88	6,372	2.5	100.0	100.0	100.0	1,710	1,007,228	4.65
Commercial farms.....	148,522	138,241	53.9	76.6	89.2	90.0	315	36,872,610	9.21	2.92	4,924	2.6	77.3	89.9	89.0	1,727	900,575	4.67
Class I.....	1,692	1,587	50.9	0.9	12.3	15.7	249	6,000,374	8.58	3.45	234	3.0	3.7	24.0	18.8	2,181	221,698	5.43
Class II.....	3,126	2,829	42.7	1.6	8.0	8.7	294	3,584,806	9.26	3.15	436	4.0	6.8	16.2	16.6	1,671	154,667	4.31
Class III.....	7,849	7,406	48.1	4.1	9.9	9.6	329	4,034,831	9.48	2.88	776	3.8	12.2	15.8	15.6	1,730	163,636	4.85
Class IV.....	30,437	28,841	59.0	16.0	20.4	19.6	332	8,338,707	9.57	2.89	1,356	2.7	21.3	16.6	18.4	1,545	177,259	4.45
Class V.....	62,168	58,549	60.8	32.4	26.5	25.0	337	10,439,267	9.39	2.78	1,408	1.6	22.1	12.5	13.8	1,546	134,331	3.48
Class VI.....	43,250	39,029	52.9	21.6	12.1	11.5	336	4,474,625	8.76	2.61	714	1.3	11.2	4.8	5.8	1,411	48,984	3.89
Other farms.....	67,365	42,208	37.9	23.4	10.8	10.0	344	3,901,381	8.78	2.55	1,448	2.0	22.7	10.1	11.0	1,578	106,653	4.48
Area 1.....	44,540	41,244	58.5	100.0	100.0	100.0	216	12,074,680	8.98	4.16	365	1.5	100.0	100.0	100.0	2,238	198,733	5.67
Commercial farms.....	42,101	39,675	58.7	96.2	98.4	98.2	216	11,882,295	8.99	4.16	355	1.5	97.3	99.2	99.4	2,234	197,208	5.66
Class I.....	1,068	1,041	52.5	2.5	33.6	36.9	196	4,127,660	8.31	4.24	103	2.4	28.2	64.8	64.3	2,255	131,500	5.84
Class II.....	1,147	1,091	48.4	2.6	12.2	12.3	213	1,519,110	9.16	4.30	46	2.0	12.6	19.7	19.3	2,292	36,536	5.41
Class III.....	2,731	2,609	54.2	6.3	10.0	9.5	227	1,177,373	9.22	4.06	35	1.0	9.6	7.8	7.0	2,491	13,753	5.57
Class IV.....	11,326	10,764	69.9	26.1	19.4	18.3	228	2,304,967	9.36	4.10	61	0.5	16.7	4.1	5.5	1,682	9,269	4.85
Class V.....	19,316	18,200	77.4	44.1	19.6	17.8	238	2,312,625	9.69	4.06	75	0.3	20.5	2.1	2.6	1,802	4,980	5.47
Class VI.....	6,513	5,970	69.8	14.5	3.7	3.4	236	440,560	9.63	4.08	35	0.4	9.6	0.7	0.7	2,000	1,170	4.50
Other farms.....	2,439	1,569	49.5	3.8	1.6	1.8	195	192,385	8.09	4.14	10	0.4	2.7	0.8	0.6	2,976	1,525	7.44
Area 2.....	33,594	28,249	45.7	100.0	100.0	100.0	342	6,647,873	9.68	2.83	826	2.9	100.0	100.0	100.0	1,691	190,285	4.41
Commercial farms.....	27,365	25,286	47.5	89.5	95.8	95.5	343	6,388,635	9.74	2.84	725	2.9	87.8	94.0	93.6	1,698	178,072	4.41
Class I.....	245	243	48.6	0.9	12.2	14.2	293	963,868	9.86	3.37	51	3.8	6.2	24.0	17.7	2,293	42,477	5.55
Class II.....	624	592	36.6	2.1	11.2	10.8	354	742,493	10.00	2.82	123	5.4	14.9	19.4	25.3	1,299	39,301	3.60
Class III.....	1,388	1,324	42.6	4.7	11.2	11.3	339	735,417	9.48	2.80	134	5.0	16.2	24.7	21.0	1,989	43,572	4.81
Class IV.....	5,930	5,631	55.0	19.9	23.5	22.6	355	1,526,953	9.84	2.77	194	2.4	23.5	13.7	15.4	1,502	29,673	4.46
Class V.....	12,186	11,320	51.9	40.1	27.9	26.3	362	1,803,816	9.97	2.75	156	1.0	18.9	6.9	8.2	1,423	14,569	4.10
Class VI.....	6,992	6,176	43.2	21.9	9.8	10.2	325	616,088	8.75	2.69	67	1.6	8.1	5.2	5.9	1,485	8,480	3.31
Other farms.....	6,229	2,963	24.9	10.5	4.2	4.5	323	259,238	8.40	2.60	101	2.2	12.2	6.0	6.4	1,583	12,213	4.39
Areas 3 and A.....	23,392	17,826	38.6	100.0	100.0	100.0	346	3,436,572	9.08	2.62	929	3.0	100.0	100.0	100.0	1,419	137,702	4.65
Commercial farms.....	13,196	11,785	41.2	66.1	85.2	85.6	345	2,950,381	9.10	2.64	715	3.4	77.0	91.2	90.0	1,437	123,857	4.65
Class I.....	51	48	35.0	0.3	5.0	5.5	316	167,094	8.01	2.53	11	3.5	1.2	6.1	7.1	1,227	7,448	3.55
Class II.....	273	249	35.4	1.4	9.4	10.5	312	347,984	8.79	2.82	67	4.9	7.2	17.1	18.6	1,299	21,187	3.84
Class III.....	638	622	39.7	3.5	12.3	11.6	366	418,933	9.52	2.60	143	4.2	15.4	15.4	15.7	1,392	21,980	4.75
Class IV.....	1,914	1,749	40.1	9.8	18.3	17.5	362	625,548	9.42	2.60	226	5.3	24.3	32.6	29.9	1,548	45,138	5.11
Class V.....	4,812	4,376	46.3	24.5	24.7	24.9	343	858,108	9.10	2.65	182	2.2	19.6	15.0	14.9	1,426	23,015	5.22
Class VI.....	5,508	4,741	43.5	26.6	15.5	15.6	344	532,714	9.01	2.62	86	0.8	9.3	5.0	3.9	1,851	5,089	4.45
Other farms.....	10,196	6,041	28.0	33.9	14.8	14.4	356	486,191	8.93	2.51	214	1.5	23.0	8.8	10.0	1,259	13,845	4.70
Area 4.....	23,858	19,639	56.3	100.0	100.0	100.0	379	3,991,816	9.36	2.47	870	2.1	100.0	100.0	100.0	1,545	60,400	3.86
Commercial farms.....	16,572	15,778	59.1	80.3	91.6	91.1	381	3,666,653	9.43	2.47	734	2.0	84.4	84.7	85.2	1,536	50,961	3.82
Class I.....	22	17	55.4	0.1	0.9	0.9	352	29,972	7.48	2.12	11	4.5	1.3	2.6	2.1	1,938	1,045	3.22
Class II.....	126	94	39.1	0.5	1.9	1.9	367	73,942	8.90	2.43	18	6.4	2.1	8.4	8.7	1,488	3,817	2.80
Class III.....	847	815	54.6	4.1	10.8	10.7	381	454,192	9.92	2.60	119	4.8	13.7	28.3	25.6	1,708	19,390	4.84
Class IV.....	3,557	3,456	62.1	17.6	28.3	27.2	395	1,186,855	10.24	2.59	203	1.9	23.3	21.3	22.2	1,478	11,238	3.23
Class V.....	6,930	6,717	63.5	34.2	35.3	35.4	378	1,373,482	9.09	2.41	282	1.3	32.4	20.1	20.2	1,537	11,891	3.76
Class VI.....	5,090	4,679	52.6	23.8	14.5	14.9	369	548,210	8.63	2.34	101	0.8	11.6	4.0	6.3	974	3,580	3.62
Other farms.....	7,286	3,861	37.8	19.7	8.4	8.9	358	325,163	8.56	2.39	136	2.3	15.6	15.3				

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
Mississippi—Continued																		
Area 7.....	8,783	6,946	61.1	100.0	100.0	100.0	434	1,894,302	9.18	2.12	482	5.1	100.0	100.0	100.0	1,474	83,469	4.89
Commercial farms.....	2,816	2,620	67.0	37.7	78.7	74.5	458	1,444,677	9.39	2.05	320	5.9	66.4	84.4	79.1	1,572	68,602	5.08
Class I.....	29	19	66.3	0.3	25.4	18.3	603	349,811	9.27	1.54	8	3.6	1.7	15.7	12.1	1,919	10,792	5.24
Class II.....	121	104	62.8	1.5	9.8	9.9	426	192,857	9.40	2.21	18	3.6	3.7	7.3	6.9	1,550	5,790	4.91
Class III.....	275	254	68.2	3.7	10.0	8.5	513	192,540	10.98	2.14	65	12.1	13.5	18.9	18.3	1,524	19,148	6.14
Class IV.....	512	474	70.4	6.8	11.6	12.2	410	244,572	9.69	2.36	80	7.1	16.6	13.4	14.8	1,334	11,739	4.63
Class V.....	952	911	70.5	13.1	14.5	16.5	382	313,021	9.22	2.41	78	7.4	16.2	25.2	20.8	1,789	16,438	4.64
Class VI.....	927	858	62.0	12.4	7.4	9.1	351	151,876	8.08	2.30	71	3.5	14.7	3.9	6.3	916	4,695	4.39
Other farms.....	5,967	4,326	48.6	62.3	21.3	25.5	362	449,625	8.56	2.36	162	3.3	33.6	15.6	20.9	1,099	14,867	4.18
Area 8.....	2,967	1,866	45.9	100.0	100.0	100.0	435	352,245	10.04	2.31	187	3.7	100.0	100.0	100.0	1,621	16,934	6.04
Commercial farms.....	664	543	48.6	29.1	65.3	61.4	462	226,112	10.49	2.27	104	4.6	55.6	70.3	73.4	1,552	12,420	6.03
Class I.....	3	3	11.5	0.2	3.9	2.2	783	13,760	17.89	2.29	2	4.0	1.1	9.7	9.6	1,630	1,550	5.74
Class II.....	31	26	59.9	1.4	9.5	8.4	494	30,366	10.33	2.09	8	6.8	4.3	8.1	11.9	1,102	1,121	3.36
Class III.....	78	77	56.8	4.1	15.2	13.6	486	52,823	11.06	2.27	23	3.9	12.3	16.8	11.6	2,357	3,321	10.22
Class IV.....	197	145	55.6	7.8	15.9	14.8	469	55,804	10.77	2.29	32	4.3	17.1	12.1	14.4	1,356	2,323	5.75
Class V.....	193	166	56.9	8.9	16.4	18.4	387	58,494	9.05	2.34	19	2.7	10.2	15.9	10.9	2,367	2,470	8.10
Class VI.....	162	126	39.0	6.8	4.3	4.1	460	14,865	10.42	2.27	20	11.5	10.7	7.7	15.0	833	1,635	3.89
Other farms.....	2,303	1,323	42.1	70.9	34.7	38.6	391	126,133	9.32	2.38	83	2.3	44.4	29.7	26.6	1,810	4,524	6.04
Missouri, total.....	201,680	113,418	33.5	100.0	100.0	100.0	220	44,794,525	7.32	3.32	31,195	3.7	100.0	100.0	100.0	4,299	4,383,164	6.49
Commercial farms.....	140,307	98,473	35.2	86.8	95.9	96.1	220	43,235,722	7.35	3.34	28,346	3.8	90.9	95.4	95.1	4,312	4,183,018	6.51
Class I.....	2,581	2,208	38.7	1.9	9.4	8.2	253	4,582,723	9.14	3.61	1,031	5.2	3.3	9.8	9.9	4,260	457,003	6.81
Class II.....	12,719	11,105	39.9	9.8	22.0	20.7	234	10,438,789	8.24	3.52	4,448	4.6	14.3	21.9	21.8	4,320	975,741	6.61
Class III.....	28,307	23,676	38.0	20.9	28.1	28.5	217	12,945,657	7.41	3.41	8,331	4.1	26.7	28.4	28.1	4,347	1,242,503	6.55
Class IV.....	37,062	28,371	34.9	25.0	21.5	22.8	208	9,234,866	6.62	3.19	7,586	3.2	24.3	19.8	19.2	4,437	837,571	6.47
Class V.....	36,590	23,267	29.2	20.5	11.7	12.4	208	4,786,186	6.31	3.03	5,198	3.1	16.7	11.9	12.1	4,240	513,644	6.29
Class VI.....	23,048	9,846	20.2	8.7	3.2	3.5	200	1,247,501	5.84	2.92	1,752	2.6	5.6	3.5	4.0	3,767	156,556	5.74
Other farms.....	61,373	14,945	15.7	13.2	4.1	3.9	229	1,558,803	6.47	2.83	2,849	2.2	9.1	4.6	4.9	4,056	200,146	6.04
Areas 1 and A.....	23,672	10,864	25.3	100.0	100.0	100.0	213	5,871,143	8.39	3.94	4,019	3.8	100.0	100.0	100.0	3,767	602,103	5.77
Commercial farms.....	17,818	10,111	25.8	93.1	97.5	98.2	212	5,761,462	8.39	3.96	3,735	3.8	92.9	95.9	95.7	3,777	578,712	5.80
Class I.....	701	618	35.2	5.7	19.1	18.8	217	1,151,971	8.77	4.05	279	4.8	6.9	16.8	17.0	3,710	94,662	5.33
Class II.....	2,597	2,134	31.0	19.6	30.9	30.8	214	1,891,268	8.79	4.10	860	4.2	21.4	27.4	28.0	3,675	185,430	6.34
Class III.....	4,286	3,006	25.1	27.7	25.4	26.5	204	1,508,422	8.14	3.99	1,081	3.4	26.9	25.7	24.4	3,793	146,707	5.77
Class IV.....	4,817	2,587	19.5	23.8	14.7	14.9	211	824,753	7.91	3.76	953	3.3	23.7	16.3	16.7	3,675	92,409	5.30
Class V.....	3,401	1,325	17.4	12.2	6.0	5.8	221	313,208	7.73	3.50	412	3.2	10.3	7.4	7.2	3,843	44,744	5.94
Class VI.....	2,016	441	11.8	4.1	1.4	1.5	203	71,840	7.01	3.46	150	2.8	3.7	2.5	2.3	3,975	14,760	6.09
Other farms.....	5,854	753	12.0	6.9	2.5	1.8	290	109,681	8.52	2.94	284	4.2	7.1	4.1	4.3	3,544	23,391	5.21
Area 2a.....	25,661	14,209	25.6	100.0	100.0	100.0	221	5,425,843	7.78	3.53	5,555	4.5	100.0	100.0	100.0	4,126	793,562	6.51
Commercial farms.....	21,019	13,394	26.1	94.3	98.2	98.4	220	5,338,638	7.78	3.53	5,325	4.5	95.9	98.0	97.9	4,127	777,222	6.51
Class I.....	256	225	34.1	1.6	7.6	6.4	263	447,686	10.03	3.81	116	6.2	2.1	5.8	6.7	3,576	46,293	5.71
Class II.....	1,748	1,574	31.8	11.1	22.5	21.4	232	1,243,100	8.32	3.58	839	5.5	15.1	22.0	21.1	4,297	166,243	6.47
Class III.....	4,691	3,870	28.0	27.2	32.4	33.7	213	1,789,696	7.63	3.58	1,617	4.5	29.1	32.4	31.2	4,283	271,536	7.14
Class IV.....	5,885	4,150	23.7	29.2	22.4	23.3	212	1,186,328	7.30	3.45	1,503	3.8	27.1	21.9	21.3	4,253	164,857	6.36
Class V.....	5,176	2,609	19.6	18.4	10.1	10.4	215	520,554	7.21	3.35	910	3.9	16.4	10.9	11.9	3,802	87,753	6.08
Class VI.....	3,263	966	16.0	6.8	3.1	3.2	213	151,274	6.73	3.15	340	5.0	6.1	4.9	5.8	3,515	40,540	5.73
Other farms.....	4,642	815	11.8	5.7	1.8	1.6	243	87,205	7.77	3.20	230	2.7	4.1	2.0	2.1	4,047	16,340	6.45
Area 2b.....	25,367	17,066	38.0	100.0	100.0	100.0	249	9,626,974	8.36	3.36	7,981	6.3	100.0	100.0	100.0	4,865	1,339,983	7.06
Commercial farms.....	19,387	15,356	38.6	90.0	97.0	96.9	249	9,368,901	8.40	3.37	7,293	6.3	91.4	96.1	95.3	4,902	1,287,405	7.11
Class I.....	412	385	43.5	2.3	9.5	8.0	295	926,032	10.03	3.39	248	8.4	3.1	9.8	9.3	5,106	132,230	7.45
Class II.....	2,424	2,316	43.6	13.6	28.4	26.7	265	2,760,464	8.99	3.39	1,279	6.7	16.0	25.6	24.9	5,003	351,018	7.43
Class III.....	4,754	4,321	39.9	25.3	30.5	31.0	245	3,039,413	8.52	3.48	2,248	6.0	28.2	28.6	28.3	4,916	375,059	6.98
Class IV.....	5,049	4,282	36.3	25.1	18.8	19.7	237	1,767,121	7.78	3.28	1,807	5.5	22.6	18.2	18.0	4,907	239,244	6.99
Class V.....	4,186	2,876	30.8	16.9	7.7	8.9	214	701,566	6.82	3.19	1,241	6.6	15.5	11.0	11.6	4,610	148,164	6.70
Class VI.....	2,562	1,176	25.0	6.9	2.1	2.5	204	174,305	5.95	2.91	470	5.1	5.9	2.8	3.1	4,405	41,690	7.04
Other farms.....	5,980	1,710	24.8	10.0</														

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer							Lime							Expenditures (dollars)		
		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.)				
				Farms reporting fertilizer	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed					
															For lime	Per acre limed		
Missouri—Continued																		
Areas 6 and B.....	21,743	13,309	33.3	100.0	100.0	100.0	241	4,219,007	7.46	3.09	3,723	3.0	100.0	100.0	100.0	4,655	332,206	6.56
Commercial farms.....	14,056	10,835	36.1	81.4	93.1	93.7	240	3,970,694	7.50	3.12	3,191	3.1	85.7	89.7	89.0	4,694	296,614	6.58
Class I.....	170	131	47.0	1.0	5.5	4.6	293	254,038	9.87	3.37	64	4.3	1.7	4.8	4.6	4,842	19,155	8.22
Class II.....	830	732	42.0	5.5	13.5	12.8	255	608,646	8.41	3.30	293	3.8	7.9	10.8	12.8	3,936	39,856	6.16
Class III.....	2,606	2,342	41.1	17.6	27.4	27.2	243	1,170,539	7.61	3.13	901	3.7	24.2	27.0	27.2	4,631	89,213	6.48
Class IV.....	3,975	3,386	36.1	25.4	26.3	27.1	234	1,118,286	7.29	3.11	958	2.9	25.7	26.2	24.8	4,919	81,645	6.51
Class V.....	3,974	2,920	31.1	21.9	16.3	17.0	231	653,301	6.78	2.93	758	2.6	20.4	16.5	16.0	4,816	52,924	6.54
Class VI.....	2,501	1,324	21.0	9.9	4.1	4.9	202	165,884	5.94	2.94	217	1.4	5.8	4.4	3.7	5,540	13,821	7.32
Other farms.....	7,687	2,474	15.7	18.6	6.9	6.3	263	248,313	6.92	2.64	532	2.4	14.3	10.3	11.0	4,345	35,592	6.39
Area 7.....																		
Commercial farms.....	16,092	10,879	34.1	81.4	92.2	92.5	222	2,827,420	6.40	2.88	1,399	1.6	87.2	91.5	93.2	3,578	109,665	5.37
Class I.....	62	49	36.7	0.4	2.3	2.1	248	75,927	7.67	3.10	16	2.0	1.0	1.8	2.4	2,728	2,412	4.50
Class II.....	542	425	47.7	3.2	10.1	10.0	225	318,685	6.68	2.97	133	3.7	8.3	15.6	16.7	3,401	17,532	4.79
Class III.....	1,538	1,342	44.8	10.0	22.1	22.3	221	708,217	6.64	3.01	282	2.2	17.6	19.7	24.0	2,991	24,662	4.70
Class IV.....	3,908	3,317	40.1	24.8	29.6	31.0	212	887,610	5.99	2.82	404	1.3	25.2	25.2	22.1	4,153	30,439	6.28
Class V.....	5,983	3,955	26.0	29.6	21.6	20.8	230	647,352	6.50	2.82	418	1.2	26.0	21.2	20.2	3,828	25,930	6.85
Class VI.....	4,059	1,791	16.6	13.4	6.5	6.2	232	189,629	6.37	2.75	146	0.9	9.1	8.0	7.8	3,754	8,690	5.10
Other farms.....	10,258	2,485	13.0	18.6	7.8	7.5	231	219,793	6.13	2.65	206	0.5	12.8	8.5	6.8	4,545	11,105	7.48
Area 8.....																		
Commercial farms.....	4,386	3,221	30.9	62.5	84.2	83.1	255	974,090	7.54	2.96	654	3.2	77.3	86.8	87.8	4,550	83,110	6.20
Class I.....	9	8	31.1	0.2	1.5	1.5	250	11,671	5.08	2.03	5	3.0	0.6	1.6	1.4	4,941	1,815	8.21
Class II.....	95	73	41.0	1.4	6.6	5.1	324	82,309	10.29	3.18	36	3.7	4.3	5.6	4.8	5,436	5,957	8.19
Class III.....	443	389	39.4	7.5	19.4	17.8	274	236,386	8.54	3.12	164	5.6	19.4	25.2	25.6	4,529	24,376	6.23
Class IV.....	789	661	33.0	12.8	20.0	19.6	257	239,015	7.84	3.05	197	3.5	23.3	25.1	21.3	5,425	24,740	7.61
Class V.....	1,620	1,244	31.2	24.1	27.6	29.1	239	304,216	6.73	2.81	176	2.7	20.8	22.5	25.3	4,102	18,982	4.92
Class VI.....	1,430	846	18.6	16.4	9.1	10.0	228	100,493	6.46	2.83	76	1.7	9.0	6.9	9.5	3,336	7,240	5.01
Other farms.....	6,174	1,933	13.3	37.5	15.8	16.9	237	165,615	6.32	2.67	192	0.9	22.7	13.2	12.2	4,987	15,215	8.19
Area 9a.....																		
Commercial farms.....	5,583	4,433	35.6	89.1	97.6	97.2	221	1,688,886	7.26	3.28	752	2.9	94.4	98.1	97.8	4,265	162,023	8.42
Class I.....	194	172	42.7	3.5	24.3	20.5	260	443,053	9.02	3.46	78	4.4	9.8	27.0	25.8	4,453	63,202	12.46
Class II.....	559	534	40.5	10.7	23.2	23.1	222	402,820	7.29	3.29	161	3.5	20.2	23.7	24.3	4,136	32,734	6.83
Class III.....	1,208	982	30.5	19.7	17.7	18.9	206	310,257	6.87	3.33	196	2.7	24.6	19.5	20.0	4,149	27,390	6.96
Class IV.....	1,451	1,260	37.4	25.3	18.8	20.7	199	315,685	6.37	3.19	185	2.3	23.2	18.8	15.7	5,105	25,605	8.30
Class V.....	1,374	1,039	29.4	20.9	10.5	11.0	210	169,101	6.40	3.05	112	2.0	14.1	8.1	9.0	3,866	12,287	6.97
Class VI.....	797	446	21.9	9.0	3.2	2.9	241	47,970	6.82	2.83	20	1.9	2.5	0.9	3.0	1,294	805	1.35
Other farms.....	1,915	540	15.9	10.9	2.4	2.8	189	35,890	5.44	2.88	45	1.1	5.6	1.9	2.2	3,682	2,590	5.89
Area 9b.....																		
Commercial farms.....	9,315	6,171	37.3	98.6	99.6	99.7	253	3,209,854	9.05	3.58	543	2.4	99.1	99.7	99.9	3,271	135,707	5.94
Class I.....	445	381	34.6	6.1	25.2	23.6	270	794,759	9.46	3.50	103	3.2	18.8	39.1	34.5	3,715	50,627	6.42
Class II.....	1,785	1,440	37.7	23.0	34.0	34.6	249	1,188,590	9.66	3.88	170	2.6	31.0	32.2	37.6	2,812	45,775	5.83
Class III.....	2,855	2,035	37.8	32.5	24.1	24.9	245	739,880	8.36	3.41	150	1.5	27.4	19.7	15.9	4,074	28,330	7.82
Class IV.....	2,730	1,555	40.9	24.8	12.0	12.6	241	364,060	8.11	3.37	75	1.8	13.7	5.4	8.8	2,005	7,225	3.59
Class V.....	1,250	670	39.9	10.7	3.9	3.5	279	109,430	8.67	3.11	40	2.0	7.3	2.9	2.8	3,333	3,155	4.89
Class VI.....	250	90	30.4	1.4	0.4	0.5	224	13,135	7.98	3.57	5	1.3	0.9	0.4	0.3	4,000	595	8.50
Other farms.....	380	90	28.4	1.4	0.4	0.3	353	12,125	13.04	3.70	5	0.8	0.9	0.3	0.1	10,000	500	20.00
Montana, total.....																		
Commercial farms.....	28,677	6,027	4.2	92.9	98.2	98.8	86	2,186,223	3.47	4.06	40	(2)	60.6	54.1	57.0	730	1,306	2.19
Class I.....	2,581	812	5.2	12.5	27.4	33.3	71	648,535	3.05	4.31	1	(2)	1.5	12.4	16.0	595	300	1.79
Class II.....	6,905	1,850	4.5	28.5	34.4	37.0	80	790,544	3.35	4.19	8	(2)	12.1	22.3	9.5	1,818	386	3.90
Class III.....	7,760	1,816	3.6	28.0	24.3	18.7	112	493,548	4.14	3.70	1	(2)	1.5	3.2	4.3	578	45	1.00
Class IV.....	6,003	970	3.0	15.0	9.1	7.3	107	190,080	4.09	3.83	25	(2)	37.9	9.9	15.3	500	515	3.22
Class V.....	3,833	444	2.3	6.8	2.6	2.1	106	51,960	3.90	3.67	5	(2)	7.6	6.2	11.9	400	60	0.48
Class VI.....	1,595	135	1.7	2.1	0.5	0.4	108	11,556	4.56	4.22	...	...	...	...	...	...	...	...
Other farms.....	4,279	458	4.3	7.1	1.8	1.2	134	39,440	5.34	3.98	26	0.3	39.4	45.9	43.0	822	1,135	2.52
Area 1a.....																		
Commercial farms.....	3,911	1,229	8.9	80.3	95.4	96.0	146	275,641	5.39	3.69	36	0.1	59.0	57.8	53.7	533	975	2.00
Class I.....	51	25	8.1	1.6	5.6	6.4	128	18,971	5.56	4.35	1	0.4	1.6	22.2	18.5	595	300	1.79
Class II.....	378	226	12.2	14.8	30.3	30.5	146	97,631	6.01	4.12	5	(2)	8.2	6.7	3.9	857	100	2.86
Class III.....	875	389	10.8	25.4	35.3	34.8	149	89,364	4.82	3.24	...	...	...	...	...	...	...	...
Class IV.....	1,117	293	6.3	19.2	15.7	15.4	150	48,442	5.91	3.93	25	0.1	41.0	17.8	17.6	500	515	3.22
Class V.....	1,028	206	5.4	13.5	7.4	7.5	144	17,713	4.43	3.06	5	0.2	8.2	11.1	13.8	400	60	0.48
Class VI.....	462	90	3.4															

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt of fertilizer used			Farms reporting use of lime	Acres limed		For lime	Per acre limed		
Montana—Continued																		
Area 2b.....	9,858	1,108	1.7	100.0	100.0	100.0	77	385,625	3.14	4.09	1	(2)	100.0	100.0	100.0	1,000	8	1.00
Commercial farms.....	9,404	1,067	1.7	96.3	98.7	99.2	76	380,575	3.12	4.09	1	(2)	100.0	100.0	100.0	1,000	8	1.00
Class I.....	796	181	2.1	16.3	29.6	26.7	85	120,095	3.66	4.31	...	...	...	...	...	...	...	...
Class II.....	2,468	354	1.8	31.9	34.0	37.7	69	126,423	2.73	3.95	1	(2)	100.0	100.0	100.0	1,000	8	1.00
Class III.....	2,752	327	1.7	29.5	25.3	24.0	81	97,986	3.33	4.11	...	...	...	...	...	...	...	...
Class IV.....	2,014	151	1.3	13.6	8.4	8.6	75	30,075	2.84	3.80	...	...	...	...	...	...	...	...
Class V.....	1,038	47	0.9	4.2	1.1	1.9	46	4,668	2.02	4.40	...	...	...	...	...	...	...	...
Class VI.....	336	7	1.0	0.6	0.4	0.4	65	1,328	2.55	3.91	...	...	...	...	...	...	...	...
Other farms.....	454	41	2.3	3.7	1.3	0.8	131	5,050	5.43	4.14	...	...	...	...	...	...	...	...
Area 3a.....	3,752	1,055	5.5	100.0	100.0	100.0	201	467,279	8.55	4.24	...	...	...	...	...	...	...	...
Commercial farms.....	3,202	1,025	5.5	97.2	98.4	98.7	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...
Class I.....	207	90	4.7	8.5	24.1	20.2	239	116,166	10.50	4.38	...	...	...	...	...	...	...	...
Class II.....	616	262	5.5	24.8	35.0	31.1	226	167,334	9.84	4.34	...	...	...	...	...	...	...	...
Class III.....	962	398	6.9	37.7	25.3	30.8	166	114,323	6.79	4.10	...	...	...	...	...	...	...	...
Class IV.....	749	198	5.1	18.8	10.7	12.9	167	47,138	6.67	3.99	...	...	...	...	...	...	...	...
Class V.....	421	62	3.6	5.9	2.9	3.2	182	12,153	6.94	3.82	...	...	...	...	...	...	...	...
Class VI.....	247	15	1.7	1.4	0.4	0.4	200	2,565	10.69	5.34	...	...	...	...	...	...	...	...
Other farms.....	550	30	6.6	2.8	1.6	1.3	243	7,600	10.63	4.37	...	...	...	...	...	...	...	...
Area 3b.....	3,433	466	3.2	100.0	100.0	100.0	140	207,364	5.53	3.95	1	(2)	100.0	100.0	100.0	200	8	0.80
Commercial farms.....	3,228	455	3.2	97.6	98.5	98.8	139	203,664	5.50	3.94	1	(2)	100.0	100.0	100.0	200	8	0.80
Class I.....	310	75	4.3	16.1	27.9	31.6	124	61,897	5.23	4.22	...	...	...	...	...	...	...	...
Class II.....	763	160	4.1	34.3	41.3	37.7	153	86,629	6.13	4.00	1	(2)	100.0	100.0	100.0	200	8	0.80
Class III.....	896	153	3.2	32.8	24.7	24.8	139	45,313	4.88	3.50	...	...	...	...	...	...	...	...
Class IV.....	619	41	0.7	8.8	2.9	2.9	140	6,306	5.81	4.15	...	...	...	...	...	...	...	...
Class V.....	443	21	1.0	4.5	1.3	1.6	116	2,739	4.54	3.91	...	...	...	...	...	...	...	...
Class VI.....	197	5	0.5	1.1	0.4	0.3	200	780	7.80	3.90	...	...	...	...	...	...	...	...
Other farms.....	205	11	3.7	2.4	1.5	1.2	177	3,700	8.20	4.62	...	...	...	...	...	...	...	...
Nebraska, total.....	100,733	42,406	12.9	100.0	100.0	100.0	146	21,432,509	7.18	4.92	5,905	0.7	100.0	100.0	100.0	3,601	1,280,524	8.00
Commercial farms.....	94,153	41,984	12.9	99.0	99.7	99.7	146	21,377,554	7.19	4.92	5,868	0.7	99.4	99.5	99.5	3,602	1,274,779	8.01
Class I.....	4,171	2,670	14.7	6.3	14.9	13.9	157	3,263,392	7.88	5.01	432	0.8	7.3	12.4	14.2	3,145	175,547	7.70
Class II.....	18,846	12,134	17.2	28.6	39.3	38.5	149	8,535,165	7.42	4.99	1,651	0.8	28.0	33.1	33.5	3,559	418,475	7.81
Class III.....	32,050	16,503	12.7	38.9	31.7	32.6	142	6,675,737	6.86	4.83	2,378	0.7	40.3	36.8	34.6	3,823	460,953	8.32
Class IV.....	24,452	8,195	8.4	19.3	11.2	11.9	138	2,371,144	6.66	4.84	1,095	0.5	18.5	13.6	13.3	3,690	173,630	8.16
Class V.....	10,716	2,128	5.3	5.0	2.2	2.4	136	468,939	6.58	4.83	287	0.4	4.9	3.4	3.6	3,346	44,004	7.54
Class VI.....	3,918	354	3.9	0.8	0.3	0.4	136	63,177	6.00	4.42	25	0.1	0.4	0.2	0.1	4,130	2,170	9.43
Other farms.....	6,580	422	5.9	1.0	0.3	0.3	166	54,955	6.09	3.67	37	0.5	0.6	0.5	0.5	3,345	5,745	6.94
Area 1.....	8,458	1,417	1.9	100.0	100.0	100.0	135	405,293	5.80	4.30	35	(2)	100.0	100.0	100.0	2,217	6,114	7.70
Commercial farms.....	7,939	1,392	1.9	98.2	99.6	99.4	135	404,108	5.82	4.30	35	(2)	100.0	100.0	100.0	2,217	6,114	7.70
Class I.....	594	121	1.1	8.5	19.0	14.1	183	74,361	7.57	4.14	8	(2)	22.9	21.1	18.6	2,514	1,226	8.28
Class II.....	1,636	409	2.6	28.9	38.4	40.1	130	170,814	6.10	4.70	9	(2)	25.7	29.9	25.7	2,578	2,042	10.01
Class III.....	2,224	463	2.3	32.7	26.0	28.1	125	100,597	5.12	4.09	6	(2)	17.1	16.8	40.7	916	822	2.54
Class IV.....	1,949	258	1.7	18.2	12.2	13.0	127	44,624	4.92	3.89	5	(2)	14.3	22.7	8.2	6,154	1,500	23.08
Class V.....	1,188	108	1.0	7.6	2.8	3.3	112	10,105	4.34	3.89	7	(2)	20.0	9.4	6.8	3,074	524	9.70
Class VI.....	348	33	1.4	2.3	1.1	0.9	179	3,607	5.96	3.34	...	...	...	...	...	...	...	...
Other farms.....	519	25	2.0	1.8	0.4	0.6	92	1,185	3.04	3.29	...	...	...	...	...	...	...	...
Area 2.....	7,296	1,905	3.0	100.0	100.0	100.0	188	794,337	8.40	4.47	1	(2)	100.0	100.0	100.0	1,000	2	1.00
Commercial farms.....	6,689	1,884	3.0	98.9	99.7	99.6	188	792,336	8.41	4.47	1	(2)	100.0	100.0	100.0	1,000	2	1.00
Class I.....	607	311	4.2	16.3	31.6	27.9	213	248,152	9.42	4.42	...	...	...	...	...	...	...	...
Class II.....	2,205	891	3.7	46.8	43.9	46.1	179	348,010	7.99	4.45	1	(2)	100.0	100.0	100.0	1,000	2	1.00
Class III.....	1,913	492	2.6	25.8	18.2	20.7	166	149,864	7.68	4.63	...	...	...	...	...	...	...	...
Class IV.....	1,076	148	1.1	7.8	5.1	3.9	246	39,840	10.86	4.41	...	...	...	...	...	...	...	...
Class V.....	650	41	0.6	2.2	0.8	1.1	140	6,220	5.88	4.20	...	...	...	...	...	...	...	...
Class VI.....	238	1	0.1	0.1	(2)	0.1	74	250	4.63	6.25	...	...	...	...	...	...	...	...
Other farms.....	607	21	0.6	1.1	0.3	0.4	152	2,001	5.85	3.85	...	...	...	...	...	...	...	...
Area 3a.....	13,456	4,696	11.6	100.0	100.0	100.0	154	2,733,766	8.50	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Commercial farms.....	12,399	4,635	11.6	98.7	99.7	99.7	154	2,727,681	8.51	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Class I.....	596	427	21.8	9.1	21.1	20.1	162	611,387	9.47	5.86	13	0.3	14.9	29.2	39.0	2,066	3,027	3.57
Class II.....	2,172	1,476	19.0	31.4	41.2	40.1	158	1,142,622	8.85	5.60	21	0.1	24.1	37.7	27.6	3,767	4,292	7.15
Class III.....	3,794	1,672	9.9	35.6	25.9	27.4	145	686,890	7.79	5.36	33	0.1	37.9	18.7	21.4	2,413	3,126	6.72
Class IV.....	3,505	793	4.7	16.9	8.8	9.1	150	224,362	7.70	5.15	15	(2)	17.2	9.0	7.4	3,375	1,330	8.31
Class V.....	1,740	232	3.8	4.9	2.4	2.6	142	55,455	6.54	4.62	5	(2)	5.7	5.5	4.6	3,300		

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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—		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	
Nebraska—Continued																		
Area 5.....	15,625	8,227	22.0	100.0	100.0	128	4,425,769	6.71	5.25	1,559	1.4	100.0	100.0	100.0	3,817	396,505	9.25	
Commercial farms.....	14,819	8,171	22.0	99.3	99.9	128	4,421,145	6.71	5.25	1,549	1.4	99.4	99.7	99.7	3,816	395,570	9.25	
Class I.....	378	324	41.7	3.9	11.1	11.8	532,386	6.83	5.67	99	3.3	6.4	12.7	14.3	3,382	53,181	8.67	
Class II.....	2,672	2,219	33.0	27.0	40.2	40.4	1,823,454	6.83	5.38	525	1.9	33.7	36.4	35.8	3,883	136,429	8.89	
Class III.....	5,457	3,432	19.1	41.7	35.3	34.1	1,505,305	6.68	5.07	675	1.4	43.3	39.1	37.9	3,935	164,510	10.13	
Class IV.....	4,152	1,761	11.6	21.4	11.1	11.2	470,745	6.34	5.02	180	0.5	11.5	8.1	8.2	3,792	28,905	8.25	
Class V.....	1,525	375	8.1	4.6	1.9	1.9	78,725	6.33	5.03	65	1.0	4.2	3.2	3.5	3,552	12,245	8.19	
Class VI.....	635	60	7.2	0.7	0.3	0.3	10,530	5.48	4.46	5	0.1	0.3	0.2	0.1	8,000	300	7.50	
Other farms.....	806	56	13.9	0.7	0.1	0.2	4,624	3.28	5.93	10	1.1	0.6	0.3	0.3	4,261	935	8.13	
Area 6.....	12,299	6,581	22.1	100.0	100.0	166	3,516,039	7.48	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49	
Commercial farms.....	11,744	6,531	22.1	99.2	99.9	166	3,512,719	7.49	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49	
Class I.....	802	635	36.3	9.6	21.7	20.1	787,059	8.34	4.67	114	2.7	21.2	33.0	38.9	2,607	54,953	7.97	
Class II.....	2,978	2,081	25.5	31.6	38.8	38.4	1,350,725	7.49	4.48	145	0.7	26.9	28.6	26.9	3,270	48,150	10.10	
Class III.....	4,264	2,540	19.1	38.6	29.1	30.5	1,017,610	7.10	4.49	180	0.6	33.4	27.5	24.2	3,497	42,905	10.00	
Class IV.....	2,520	960	12.9	14.6	8.4	8.8	290,060	6.98	4.45	85	0.5	15.8	9.2	8.5	3,305	18,690	12.38	
Class V.....	880	275	13.0	4.2	1.7	1.9	58,395	6.61	4.42	15	0.4	2.8	1.7	1.4	3,796	3,255	13.29	
Class VI.....	300	40	8.6	0.6	0.3	0.2	8,870	9.80	4.26	...	...	...	...	...	...	...	...	
Other farms.....	555	50	10.1	0.8	0.1	0.1	3,320	5.72	4.37	...	...	...	...	...	...	...	...	
Areas 7, A, and B.....	17,253	9,482	25.2	100.0	100.0	145	4,667,190	6.90	4.75	2,843	2.6	100.0	100.0	100.0	3,950	486,606	7.03	
Commercial farms.....	15,619	9,354	25.3	98.7	99.1	145	4,641,295	6.90	4.77	2,817	2.6	99.1	99.2	99.0	3,957	482,066	7.03	
Class I.....	394	304	39.1	3.2	8.9	8.7	379,464	6.42	4.35	119	2.5	4.2	6.5	5.4	4,755	27,345	7.32	
Class II.....	2,460	2,042	34.7	21.5	34.0	33.4	1,594,881	7.05	4.78	687	3.3	24.2	30.0	30.6	3,871	148,181	6.99	
Class III.....	5,578	3,968	23.7	41.8	37.5	37.3	1,750,715	6.94	4.76	1,176	2.7	41.4	41.2	41.0	3,971	195,880	6.90	
Class IV.....	4,527	2,285	18.0	24.1	15.1	16.2	732,695	6.69	4.94	655	2.0	23.0	17.6	17.5	3,974	90,260	7.46	
Class V.....	1,880	635	13.7	6.7	3.2	3.2	144,599	7.35	5.11	165	1.9	5.8	3.8	4.3	3,432	19,780	6.57	
Class VI.....	780	120	13.6	1.3	0.5	0.6	23,555	6.03	4.81	15	0.5	0.5	0.1	0.2	2,714	620	4.43	
Other farms.....	1,634	128	14.2	1.3	0.9	0.5	25,895	7.29	3.10	26	2.7	0.9	0.8	1.0	3,210	4,540	6.75	
Nevada, total (Area 1).....	2,808	430	3.3	100.0	100.0	228	257,904	8.95	3.93	6	(2)	100.0	100.0	100.0	7,647	615	36.18	
Commercial farms.....	1,911	381	3.4	88.6	97.9	98.5	252,529	8.89	3.92	6	(2)	100.0	100.0	100.0	7,647	615	36.18	
Class I.....	301	82	3.8	19.1	61.4	63.3	157,816	8.65	3.91	...	...	...	...	...	...	...	...	
Class II.....	472	113	2.4	26.3	19.6	14.8	58,095	13.65	4.52	...	...	...	...	...	...	...	...	
Class III.....	401	70	1.7	16.3	5.7	5.5	16,842	10.63	4.48	5	(2)	83.3	53.8	58.8	7,000	315	31.50	
Class IV.....	302	59	5.2	13.7	6.3	9.6	9,880	3.58	2.38	...	...	...	...	...	...	...	...	
Class V.....	283	51	5.3	11.9	4.4	5.0	8,886	6.21	3.09	1	(2)	16.7	46.2	41.2	8,571	300	42.86	
Class VI.....	152	6	1.1	1.4	0.5	0.5	1,010	7.21	3.16	...	...	...	...	...	...	...	...	
Other farms.....	897	49	0.9	11.4	2.1	1.5	5,375	12.65	3.95	...	...	...	...	...	...	...	...	
New Hampshire, total.....	10,423	3,495	17.3	100.0	100.0	514	897,137	12.92	2.52	1,320	4.2	100.0	100.0	100.0	2,300	101,797	6.11	
Commercial farms.....	5,435	2,444	20.3	69.9	89.6	89.1	810,052	13.09	2.54	996	4.9	75.5	88.1	89.0	2,276	92,578	6.24	
Class I.....	274	127	52.1	3.6	28.0	19.8	229,355	16.66	2.29	107	12.1	8.1	22.8	19.2	2,736	22,585	7.07	
Class II.....	953	590	29.9	15.7	32.5	34.1	304,093	12.85	2.62	294	5.4	22.3	30.0	25.7	2,685	32,573	7.61	
Class III.....	1,236	656	18.0	18.8	16.4	19.8	148,475	10.79	2.53	283	5.2	21.4	22.1	24.0	2,120	23,310	5.83	
Class IV.....	1,340	611	11.7	17.5	8.2	10.6	76,320	10.38	2.62	205	4.0	15.5	7.9	14.9	1,223	8,465	3.41	
Class V.....	1,302	359	7.9	10.3	3.5	3.8	42,085	15.88	3.35	72	1.5	5.5	3.0	3.1	2,226	2,610	5.00	
Class VI.....	628	141	2.6	4.0	0.9	1.0	9,724	14.60	3.08	35	1.4	2.7	2.2	2.1	2,394	3,035	8.55	
Other farms.....	4,988	1,051	7.8	30.1	10.4	10.9	87,085	11.53	2.34	324	1.9	24.5	11.9	11.0	2,499	9,219	5.04	
Area 1.....	3,900	1,505	19.2	100.0	100.0	584	515,609	14.30	2.45	505	3.6	100.0	100.0	100.0	2,481	42,682	6.24	
Commercial farms.....	2,156	1,136	22.6	75.5	94.5	92.4	484,969	14.57	2.44	397	4.1	78.6	90.8	88.9	2,535	39,628	6.52	
Class I.....	85	65	76.5	4.3	39.5	27.8	831	182,562	18.23	2.19	43	11.1	8.5	28.1	21.3	3,273	11,021	7.57
Class II.....	309	226	35.1	15.0	30.7	32.6	549	171,074	14.55	2.65	122	5.5	24.2	31.4	26.8	2,907	14,622	7.98
Class III.....	469	298	17.9	19.8	13.3	18.0	431	70,050	10.82	2.51	121	4.2	24.0	19.2	22.2	2,142	8,610	5.67
Class IV.....	577	300	10.1	19.9	6.9	9.3	435	37,695	11.27	2.59	85	2.9	16.8	8.4	14.2	1,474	3,860	3.98
Class V.....	435	197	8.7	13.1	3.5	4.1	499	19,283	13.08	2.62	16	0.9	3.2	2.1	2,428	780	5.38	
Class VI.....	281	50	1.5	3.3	0.6	0.6	564	4,305	19.57	3.47	10	1.1	2.0	1.7	2.3	1,812	735	4.59
Other farms.....	1,744	369	6.8	24.5	5.5	7.6	424	30,640	11.12	2.62	108	1.9	21.4	9.2	11.1	2,045	3,054	4.02
Areas 2 and A.....	6,523	1,990	15.7	100.0	100.0	438	381,528	11.43	2.61	815	4.6	100.0	100.0	100.0	2,175	59,115	6.02	
Commercial farms.....	3,279	1,308	18.1	65.7	82.5	85.6	325,083	11.38	2.70	599	5.6	73.5	85.9	89.1	2,096	52,950	6.05	
Class I.....	189	62	28.1	3.1	11.5	11.2	446	46,793	12.47	2.80	64	13.0	7.9	18.6	17.7	2,287	11,564	6.65
Class II.....	644	324	26.0	16.3	35.1	35.7	431	133,019	11.17	2.59	172	5.3	21.1	28.8	24.9	2,519	17,951	7.34
Class III.....	769	358	18.2	18.0	21.0	21.8	422	78,425	10.76	2.55	162	6.2	19.9	24.5	25.3	2,106	1	

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer							Lime									
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—		Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)		
				Farms reporting fertilizer	Fertilizer used		Acres fertilized	For fertilizer	Per acre fertilized			Per cwt. of fertilizer used	Farms reporting lime	Lime used		Acres limed	For lime	Per acre limed
New Jersey—Continued																		
Areas 2, D, E, and F....	10,634	5,867	62.0	100.0	100.0	100.0	987	6,906,926	25.01	2.53	2,927	14.3	100.0	100.0	100.0	1,882	577,381	9.03
Commercial farms.....	8,251	4,880	64.4	83.2	97.7	97.2	992	6,718,821	25.04	2.52	2,555	14.6	87.3	96.2	95.0	1,904	558,471	9.19
Class I.....	958	634	72.9	10.8	42.8	36.1	1,168	2,921,416	29.29	2.51	489	19.7	16.7	43.4	42.1	1,938	207,281	7.70
Class II.....	2,753	1,472	66.9	25.1	32.2	34.3	925	2,212,540	23.34	2.52	1,005	14.2	34.3	33.8	31.5	2,018	242,040	12.04
Class III.....	1,924	1,097	55.7	18.7	12.5	13.7	901	860,405	22.81	2.53	495	10.7	16.9	9.2	11.3	1,532	55,370	7.67
Class IV.....	1,216	756	52.0	12.9	6.2	7.4	837	443,020	21.82	2.61	316	10.1	10.8	6.4	6.2	1,937	33,720	8.53
Class V.....	900	600	48.1	10.2	3.0	4.0	729	202,955	18.38	2.52	160	8.2	5.5	2.6	2.9	1,658	13,190	7.05
Class VI.....	500	321	56.7	5.5	1.1	1.7	636	78,485	16.64	2.61	90	8.3	3.1	0.9	1.1	1,638	6,870	9.96
Other farms.....	2,383	987	27.0	16.8	2.3	2.8	799	188,105	23.94	3.00	372	10.9	12.7	3.8	5.0	1,446	18,910	5.96
New Mexico, total.....	20,977	3,417	9.2	100.0	100.0	100.0	246	2,387,039	10.16	4.13	12	(2)	100.0	100.0	100.0	2,200	3,782	8.39
Commercial farms.....	12,008	2,927	10.5	85.7	98.5	98.1	247	2,359,323	10.24	4.14	2	(2)	16.7	96.0	71.2	2,966	3,602	11.22
Class I.....	1,467	873	31.3	25.5	72.0	67.0	265	1,682,206	10.70	4.04	1	0.1	8.3	95.8	71.0	2,969	3,600	11.25
Class II.....	2,024	778	9.3	21.6	16.0	16.8	234	440,287	11.14	4.76	...	...	...	...	...	...	...	...
Class III.....	2,251	593	4.4	17.4	6.3	8.4	185	146,449	7.39	3.99	...	...	...	...	...	...	...	...
Class IV.....	2,117	318	2.2	9.3	2.6	3.4	191	56,428	7.16	3.76	1	(2)	8.3	0.2	0.2	2,000	2	2.00
Class V.....	2,309	279	1.7	8.2	1.2	2.0	152	27,813	5.95	3.91	...	...	...	...	...	...	...	...
Class VI.....	1,840	126	0.7	3.7	0.4	0.5	182	6,140	5.31	2.92	...	...	...	...	...	...	...	...
Other farms.....	8,969	490	1.2	14.3	1.5	1.9	188	27,716	6.09	3.24	10	(2)	83.3	4.0	28.8	308	180	1.38
Area 1a.....	3,501	597	10.2	100.0	100.0	100.0	160	110,436	6.19	3.87	10	0.1	100.0	100.0	100.0	308	180	1.38
Commercial farms.....	1,478	349	14.3	58.5	78.7	82.4	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...
Class I.....	103	28	19.4	4.7	19.6	19.0	165	26,535	7.81	4.74	...	...	...	...	...	...	...	...
Class II.....	137	48	22.8	8.0	13.2	12.4	170	17,191	7.78	4.57	...	...	...	...	...	...	...	...
Class III.....	217	97	20.0	16.2	23.1	26.7	138	24,505	5.14	3.72	...	...	...	...	...	...	...	...
Class IV.....	272	54	9.2	9.0	11.9	12.8	148	12,410	5.44	3.67	...	...	...	...	...	...	...	...
Class V.....	405	82	7.9	13.7	8.4	9.3	145	9,325	5.62	3.89	...	...	...	...	...	...	...	...
Class VI.....	344	40	6.5	6.7	2.5	2.2	182	2,215	5.61	3.08	...	...	...	...	...	...	...	...
Other farms.....	2,023	248	4.4	41.5	21.3	17.6	194	18,255	5.81	3.00	10	0.2	100.0	100.0	100.0	308	180	1.38
Area 1b.....	4,541	226	3.8	100.0	100.0	100.0	153	36,664	6.66	4.36	...	...	...	...	...	...	...	...
Commercial farms.....	1,211	126	4.8	55.8	89.5	89.5	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...
Class I.....	28	10	6.4	4.4	14.3	7.7	282	4,950	11.65	4.12	...	...	...	...	...	...	...	...
Class II.....	35	8	18.7	3.5	34.0	31.5	165	14,362	8.28	5.02	...	...	...	...	...	...	...	...
Class III.....	116	13	2.7	5.8	13.1	16.0	125	5,517	6.26	5.02	...	...	...	...	...	...	...	...
Class IV.....	207	20	4.8	8.8	15.7	18.7	128	5,540	5.37	4.20	...	...	...	...	...	...	...	...
Class V.....	292	25	2.7	11.1	7.6	9.5	123	2,250	4.33	3.52	...	...	...	...	...	...	...	...
Class VI.....	533	50	2.4	22.1	4.8	6.0	121	935	2.83	2.34	...	...	...	...	...	...	...	...
Other farms.....	3,330	100	1.4	44.2	10.5	10.5	152	3,110	5.36	3.53	...	...	...	...	...	...	...	...
Area 2.....	7,513	610	1.3	100.0	100.0	100.0	195	196,493	8.63	4.41	...	...	...	...	...	...	...	...
Commercial farms.....	4,990	549	1.5	90.0	98.2	98.2	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...
Class I.....	314	56	4.6	9.2	34.8	36.0	189	85,649	10.44	5.53	...	...	...	...	...	...	...	...
Class II.....	746	122	1.8	20.0	24.6	24.0	201	42,034	7.70	3.84	...	...	...	...	...	...	...	...
Class III.....	1,080	166	1.5	27.2	23.2	22.0	206	38,634	7.70	3.74	...	...	...	...	...	...	...	...
Class IV.....	1,053	83	0.6	13.6	9.5	8.0	233	16,228	8.93	3.83	...	...	...	...	...	...	...	...
Class V.....	1,097	111	0.8	18.2	5.7	8.0	140	10,327	5.68	4.07	...	...	...	...	...	...	...	...
Class VI.....	700	11	(2)	1.8	0.3	0.2	298	435	9.26	3.11	...	...	...	...	...	...	...	...
Other farms.....	2,523	61	0.2	10.0	1.8	1.8	201	3,186	7.83	3.89	...	...	...	...	...	...	...	...
Area 3.....	5,422	1,984	34.8	100.0	100.0	100.0	263	2,043,446	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Commercial farms.....	4,329	1,903	36.5	95.9	99.8	99.8	263	2,040,281	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Class I.....	1,022	779	48.4	39.3	79.3	76.9	271	1,565,072	10.78	3.97	1	0.1	50.0	99.8	99.7	2,969	3,600	11.25
Class II.....	1,106	560	27.5	28.2	15.1	16.0	249	366,700	12.18	4.90	...	...	...	...	...	...	...	...
Class III.....	838	317	16.1	16.0	3.8	4.9	203	77,793	8.49	4.17	...	...	...	...	...	...	...	...
Class IV.....	585	161	11.0	8.1	1.2	1.5	221	22,250	8.09	3.66	1	(2)	50.0	0.2	0.3	2,000	2	2.00
Class V.....	515	61	6.0	3.1	0.3	0.4	226	5,911	8.67	3.84	...	...	...	...	...	...	...	...
Class VI.....	263	25	2.9	1.3	0.2	0.2	218	2,555	6.64	3.04	...	...	...	...	...	...	...	...
Other farms.....	1,093	81	1.6	4.1	0.2	0.2	184	3,165	7.45	4.06	...	...	...	...	...	...	...	...
New York, total.....	105,671	65,390	28.1	100.0	100.0	100.0	454	27,256,596	11.97	2.64	26,040	4.9	100.0	100.0	100.0	2,970	3,788,989	9.52
Commercial farms.....	77,315	56,088	29.9	85.8	96.3	95.9	456	26,247,215	12.03	2.64	23,830	5.2	91.5	95.6	94.7	2,996	3,633,638	9.64
Class I.....	3,604	3,093	52.6	4.7	27.3	17.5	706	7,438,670	18.63	2.64	1,689	8.0	6.5	14.2	15.3	2,744	618,285	10.15
Class II.....	14,970	13,037	36.4	19.9	33.1	34.1	441	9,080,305	11.71	2.65	7,001	6.6	26.9	36.0	35.5	3,014	1,379,526	9.76
Class III.....	22,988	18,400	25.9	28.1	21.1	25.7	373	5,746,103	9.80	2.63	8,658	4.8	33.2	29.1	27.1	3,185	1,061,004	9.84
Class IV.....	19,026	12,745	20.6	19.5	9.9	12.2	369	2,639,580	9.53	2.58	4,297	3.4	16.5	11.3	11.6	2,898	393,393	8.51
Class V.....	11,789	6,746	20.0	10.3	4.1	5.4	351	1,128,530	9.24	2.63	1,743	2.8	6.7	4.0	4.3	2,765	145,307	8.42
Class VI.....	4,938	2,067	12.0	3.2	0.8	1.0	363	214,027	9.68	2.67	442	1.7	1.7	0.9	0.8	3,359	36	

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
New York—Continued																		
Area 3a.....	9,849	6,544	25.2	100.0	100.0	100.0	364	1,465,533	9.56	2.63	3,232	6.8	100.0	100.0	100.0	3,347	496,172	11.99
Commercial farms.....	6,844	5,524	27.6	84.4	95.1	95.2	363	1,398,943	9.59	2.64	2,907	7.3	89.9	94.1	93.8	3,360	474,492	12.23
Class I.....	133	123	40.3	1.9	8.3	6.9	438	126,418	12.03	2.74	102	8.2	3.2	5.1	5.1	3,316	25,618	12.03
Class II.....	895	815	34.6	12.5	28.3	27.9	369	420,245	9.83	2.66	594	10.8	18.4	30.5	32.3	3,158	170,449	12.74
Class III.....	2,080	1,925	29.3	29.4	33.4	34.3	355	489,805	9.32	2.63	1,160	7.9	35.9	36.1	34.4	3,514	177,300	12.48
Class IV.....	1,920	1,525	21.7	23.3	16.2	17.3	342	228,555	8.63	2.53	650	4.7	20.1	14.8	14.0	3,536	66,995	11.59
Class V.....	1,321	896	18.9	13.7	7.5	7.5	367	113,600	9.92	2.70	326	4.7	10.1	6.7	6.9	3,227	29,460	10.30
Class VI.....	495	240	13.0	3.7	1.4	1.4	341	20,320	9.17	2.69	75	2.5	2.3	1.0	1.0	3,318	4,670	10.99
Other farms.....	3,005	1,020	9.2	15.6	4.9	4.8	372	66,590	9.02	2.42	325	3.2	10.1	5.9	6.2	3,155	21,680	8.40
Area 3b.....	8,259	5,229	29.5	100.0	100.0	100.0	423	2,296,576	11.35	2.68	2,616	7.0	100.0	100.0	100.0	2,848	487,693	10.10
Commercial farms.....	5,508	4,268	32.5	81.6	94.4	93.6	427	2,169,836	11.46	2.69	2,315	7.8	88.5	94.2	94.3	2,845	461,326	10.13
Class I.....	198	183	54.9	3.5	26.1	14.1	782	627,925	21.99	2.81	121	13.3	4.6	10.7	14.3	2,139	66,238	9.59
Class II.....	956	866	41.5	16.6	33.7	32.4	440	752,385	11.47	2.61	561	9.5	21.4	31.5	30.9	2,900	151,013	10.11
Class III.....	1,551	1,366	29.1	26.1	19.0	25.0	321	441,910	8.73	2.73	846	7.6	32.3	30.3	27.5	3,143	142,430	10.73
Class IV.....	1,256	1,001	24.1	19.1	9.8	13.4	311	213,105	7.89	2.54	471	6.1	18.0	14.4	14.1	2,913	68,070	10.00
Class V.....	1,027	662	23.8	12.7	5.1	7.5	286	116,941	7.67	2.68	241	4.6	9.2	5.7	6.1	2,643	26,070	8.82
Class VI.....	520	190	10.4	3.6	0.8	1.1	280	17,570	7.64	2.73	75	3.1	2.9	1.6	1.4	3,182	7,505	10.96
Other farms.....	2,751	961	12.5	18.4	5.6	6.4	371	126,740	9.77	2.63	301	2.7	11.5	5.8	5.7	2,905	26,367	9.57
Areas 4 and C.....	11,084	7,488	34.3	100.0	100.0	100.0	377	2,930,551	10.19	2.71	2,395	4.4	100.0	100.0	100.0	2,670	315,289	8.48
Commercial farms.....	7,874	6,248	36.5	83.4	95.7	95.6	377	2,807,196	10.21	2.71	2,200	4.8	91.9	96.3	96.9	2,653	305,369	8.48
Class I.....	248	233	49.7	3.1	15.9	11.9	503	509,866	14.91	2.96	118	8.5	4.9	14.3	15.7	2,438	49,597	8.50
Class II.....	1,592	1,486	42.4	19.8	34.0	35.4	361	987,000	9.69	2.68	676	6.5	28.2	40.6	42.1	2,571	131,985	8.43
Class III.....	2,273	2,028	35.8	27.1	27.3	29.0	354	797,135	9.54	2.69	796	3.9	33.2	26.6	24.4	2,911	84,677	9.33
Class IV.....	1,991	1,481	27.8	19.8	12.3	12.8	361	338,785	9.23	2.55	400	3.1	16.7	10.6	11.1	2,551	27,580	6.66
Class V.....	1,220	750	25.0	10.0	5.1	5.5	351	143,440	9.13	2.60	150	1.7	6.3	3.2	2.9	2,948	8,705	8.17
Class VI.....	550	270	18.2	3.6	1.1	1.0	399	30,970	10.43	2.62	60	1.4	2.5	0.9	0.6	4,000	2,825	12.28
Other farms.....	3,210	1,240	14.9	16.6	4.3	4.4	375	123,355	9.82	2.62	195	1.4	8.1	3.7	3.1	3,195	9,920	8.59
Areas 5 and D.....	7,044	4,071	19.6	100.0	100.0	100.0	389	1,140,473	10.18	2.62	1,950	4.9	100.0	100.0	100.0	3,322	252,804	9.01
Commercial farms.....	5,285	3,604	20.9	88.5	97.1	97.0	389	1,107,188	10.19	2.62	1,734	5.1	88.9	94.6	94.6	3,322	240,074	9.05
Class I.....	99	94	52.7	2.3	30.6	18.2	655	359,978	17.68	2.70	68	10.2	3.5	9.5	14.1	2,243	24,919	6.30
Class II.....	984	805	24.9	19.8	28.6	33.2	334	327,075	8.79	2.63	506	6.3	25.9	34.7	33.6	3,430	89,465	9.48
Class III.....	1,970	1,495	18.1	36.7	24.8	31.1	310	271,120	7.78	2.51	700	4.3	35.9	33.5	29.8	3,737	81,860	9.80
Class IV.....	1,332	800	12.9	19.7	9.9	11.4	336	111,680	8.75	2.60	320	2.9	16.4	11.3	10.1	3,714	26,820	9.48
Class V.....	605	285	9.8	7.0	2.6	2.5	406	29,170	10.36	2.55	110	4.5	5.6	3.3	4.6	2,366	6,890	6.84
Class VI.....	295	125	5.8	3.1	0.6	0.6	358	8,165	12.19	3.40	30	5.9	1.5	2.3	2.4	3,191	8,220	12.09
Other farms.....	1,759	467	6.7	11.5	2.9	3.0	379	33,285	9.97	2.63	216	3.1	11.1	5.4	5.4	3,314	12,730	8.40
Areas 6 and E.....	11,446	6,124	17.7	100.0	100.0	100.0	363	1,418,622	9.45	2.60	4,222	6.4	100.0	100.0	100.0	3,141	564,276	10.37
Commercial farms.....	9,108	5,733	18.8	93.6	98.2	98.1	363	1,394,177	9.46	2.61	3,981	6.7	94.3	97.6	97.3	3,152	551,716	10.42
Class I.....	175	138	38.7	2.3	14.9	10.9	495	216,646	13.19	2.66	126	12.0	3.0	9.3	9.4	3,125	68,481	13.40
Class II.....	1,917	1,590	25.2	26.0	38.9	39.4	358	555,944	9.38	2.62	1,216	8.0	28.8	37.8	34.7	3,419	214,976	11.38
Class III.....	3,348	2,429	17.3	39.7	30.4	34.0	324	435,462	8.53	2.63	1,609	6.2	38.1	34.3	33.5	3,215	189,694	10.41
Class IV.....	2,247	1,511	10.8	18.8	10.8	10.4	378	147,320	9.45	2.50	755	5.7	17.9	12.6	15.2	2,611	61,175	7.40
Class V.....	1,020	345	8.4	5.6	2.7	3.0	326	33,190	7.40	2.27	225	4.2	5.3	3.1	4.1	2,430	15,065	6.82
Class VI.....	401	80	3.8	1.3	0.5	0.4	435	5,615	9.85	2.26	50	1.6	1.2	0.5	0.4	3,277	2,325	9.89
Other farms.....	2,338	391	4.5	6.4	1.8	1.9	354	24,445	8.71	2.46	241	2.4	5.7	2.4	2.7	2,729	12,560	8.45
Area 7.....	13,479	6,114	11.4	100.0	100.0	100.0	372	1,341,526	10.07	2.71	1,781	2.4	100.0	100.0	100.0	2,660	164,144	5.94
Commercial farms.....	10,881	5,714	12.1	93.5	97.5	97.7	371	1,310,632	10.07	2.71	1,718	2.5	96.5	98.1	97.7	2,669	160,607	5.95
Class I.....	102	84	28.0	1.4	9.0	6.1	549	137,149	16.89	3.08	23	4.9	1.3	4.6	5.2	2,371	9,647	6.75
Class II.....	1,541	1,187	18.5	19.4	34.3	34.0	376	457,574	10.10	2.69	407	3.3	22.9	33.8	29.4	3,064	52,356	6.45
Class III.....	3,681	2,425	12.3	39.7	34.9	38.3	339	465,118	9.12	2.69	847	3.1	47.6	44.0	46.9	2,497	71,421	5.51
Class IV.....	3,209	1,377	7.4	22.5	14.9	14.9	372	192,120	9.67	2.60	326	1.3	18.3	12.0	12.4	2,586	21,358	6.25
Class V.....	1,696	491	5.2	8.0	3.5	3.7	360	48,051	9.86	2.74	95	1.1	5.3	3.2	3.7	2,283	4,745	4.63
Class VI.....	652	150	3.3	2.5	0.8	0.7	412	10,620	10.73	2.60	20	0.2	1.1	0.4	0.2	4,923	1,080	16.62
Other farms.....	2,598	400	3.3	6.5	2.5	2.3	394	30,894	9.									

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Fertilizer				Quantity used per acre fertilized (lb.)	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—		Farms reporting fertilizer	Acres fertilized		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Percent distribution of—		Farms reporting lime		Acres limed	
				Fertilizer used	Acres fertilized									Lime used	Acres limed				For lime
North Carolina, total.....	267,818	231,144	65.5	100.0	100.0	100.0	573	69,497,500	14.25	2.49	28,324	4.2	100.0	100.0	100.0	1,904	1,907,200	6.10	
Commercial farms.....	181,700	174,474	69.6	75.5	92.3	90.0	587	64,517,485	14.69	2.50	21,505	4.1	75.9	82.2	83.8	1,867	1,631,910	6.23	
Class I.....	1,003	850	76.4	0.4	3.8	3.9	560	2,599,099	13.54	2.42	326	7.5	1.2	6.5	6.0	2,041	122,095	6.48	
Class II.....	5,805	5,460	73.5	2.4	9.2	9.5	554	6,413,580	13.79	2.49	1,689	7.4	6.0	14.4	15.1	1,814	304,197	6.46	
Class III.....	27,537	26,777	75.3	11.6	23.5	22.1	608	16,652,112	15.42	2.54	4,400	4.3	15.5	18.5	19.8	1,782	406,213	6.58	
Class IV.....	62,132	60,503	72.2	26.2	32.0	29.7	617	22,724,335	15.66	2.54	6,796	3.0	24.0	18.9	19.6	1,833	389,360	6.36	
Class V.....	54,437	52,439	63.6	22.7	17.9	17.9	574	12,293,841	14.09	2.46	5,320	3.6	18.8	16.5	15.6	2,012	288,044	5.90	
Class VI.....	30,786	28,445	54.0	12.3	5.7	6.8	485	3,834,518	11.62	2.40	2,974	4.0	10.5	7.5	7.7	1,841	122,001	5.05	
Other farms.....	86,118	56,670	42.8	24.5	7.7	10.0	443	4,980,015	10.22	2.31	6,819	4.4	24.1	17.8	16.2	2,098	275,290	5.44	
Areas 1 and A.....	34,289	23,594	35.1	100.0	100.0	100.0	527	2,625,670	12.16	2.31	5,919	7.6	100.0	100.0	100.0	2,349	179,745	3.82	
Commercial farms.....	13,809	12,800	37.3	54.3	70.2	66.7	555	1,853,997	12.88	2.32	3,389	8.0	57.3	66.4	65.7	2,375	121,386	3.93	
Class I.....	62	52	61.4	0.2	6.7	3.3	1,069	190,092	26.53	2.48	22	5.4	0.4	2.0	1.4	3,433	4,700	7.40	
Class II.....	247	192	61.5	0.8	3.2	3.4	497	86,040	11.88	2.39	87	12.1	1.5	3.2	3.0	2,514	4,955	3.49	
Class III.....	634	607	58.3	2.6	8.1	9.1	469	213,307	10.85	2.31	232	15.4	3.9	7.9	11.0	1,679	12,901	2.48	
Class IV.....	1,560	1,470	38.9	6.2	12.5	11.8	515	332,990	12.09	2.35	617	8.8	10.4	15.1	13.3	2,678	27,746	4.44	
Class V.....	4,542	4,261	33.1	18.1	22.1	20.8	562	577,070	12.88	2.29	1,182	7.7	20.0	21.9	22.2	2,323	39,551	3.79	
Class VI.....	6,764	6,218	30.6	26.4	17.6	17.4	534	454,498	12.11	2.27	1,249	5.7	21.1	16.3	14.8	2,575	31,533	4.52	
Other farms.....	20,480	10,794	31.3	45.7	29.8	33.3	472	771,673	10.73	2.27	2,530	7.0	42.7	33.6	34.3	2,299	58,359	3.62	
Area 2.....	11,030	8,222	46.3	100.0	100.0	100.0	391	848,629	8.49	2.17	1,193	5.6	100.0	100.0	100.0	2,260	60,834	5.04	
Commercial farms.....	3,111	2,778	53.1	33.8	64.3	60.4	416	548,601	9.10	2.19	606	6.6	50.8	63.5	62.3	2,306	39,074	5.20	
Class I.....	62	46	61.1	0.6	3.3	2.6	492	31,930	12.19	2.48	26	18.6	2.2	4.5	6.6	1,547	2,557	3.22	
Class II.....	197	147	58.4	1.8	11.0	8.8	486	81,050	9.19	1.89	66	11.9	5.5	12.7	14.9	1,925	5,376	2.99	
Class III.....	254	214	58.8	2.6	6.4	7.2	352	61,498	8.61	2.45	62	7.8	5.2	8.7	7.9	2,494	10,375	10.91	
Class IV.....	522	467	57.9	5.7	13.0	11.7	431	114,625	9.78	2.27	164	7.6	13.7	20.7	12.8	3,652	8,906	5.76	
Class V.....	1,093	993	51.2	12.1	19.3	18.2	415	166,313	9.16	2.21	182	4.5	15.3	10.5	13.4	1,770	7,795	4.84	
Class VI.....	983	911	45.2	11.1	11.3	11.9	371	93,185	7.87	2.12	106	3.1	8.9	6.4	6.7	2,168	4,065	5.03	
Other farms.....	7,919	5,444	38.7	66.2	35.7	39.6	352	300,028	7.58	2.15	587	4.4	49.2	36.5	37.7	2,185	21,760	4.78	
Areas 3, B, and C.....	41,393	36,973	55.6	100.0	100.0	100.0	574	8,302,423	14.03	2.44	3,419	3.2	100.0	100.0	100.0	2,146	222,520	6.60	
Commercial farms.....	30,455	29,451	58.7	79.7	92.2	90.6	585	7,691,768	14.35	2.45	2,632	3.0	77.0	80.6	82.0	2,109	179,570	6.50	
Class I.....	99	84	72.8	0.2	1.9	2.9	373	150,722	8.81	2.36	44	9.3	1.3	4.5	6.5	1,491	8,481	3.89	
Class II.....	481	445	69.5	1.2	5.4	6.8	452	458,665	11.34	2.51	205	7.3	6.0	14.8	12.6	2,528	29,723	7.02	
Class III.....	2,074	1,999	65.7	5.4	12.9	13.4	552	1,049,974	13.21	2.39	438	4.0	12.8	15.4	14.5	2,282	33,420	6.84	
Class IV.....	9,603	9,412	59.6	25.5	34.9	32.6	615	2,933,387	15.23	2.47	878	2.0	25.7	18.7	19.3	2,088	45,452	7.00	
Class V.....	13,316	12,940	55.1	35.0	30.7	28.0	630	2,559,310	15.47	2.46	802	2.2	23.5	21.0	20.0	2,245	46,734	6.92	
Class VI.....	4,882	4,571	47.0	12.4	6.5	6.9	540	539,710	13.15	2.43	265	3.5	7.8	6.2	9.1	1,445	15,760	5.12	
Other farms.....	10,938	7,522	36.7	20.3	7.8	9.4	475	610,655	11.00	2.32	787	4.0	23.0	19.4	18.0	2,312	42,950	7.06	
Area 4a.....	12,478	10,436	52.1	100.0	100.0	100.0	405	1,961,175	9.31	2.30	1,347	4.7	100.0	100.0	100.0	2,099	124,945	6.60	
Commercial farms.....	6,363	5,833	55.4	55.9	83.3	80.8	417	1,643,815	9.66	2.32	1,001	5.3	74.3	86.8	85.7	2,128	109,067	6.72	
Class I.....	93	68	64.0	0.7	5.5	5.6	395	111,037	9.43	2.39	24	5.7	1.8	6.2	5.6	2,346	8,905	8.42	
Class II.....	380	335	61.2	3.2	13.0	11.4	459	254,125	10.56	2.30	122	11.8	9.1	25.4	24.5	2,178	33,057	7.13	
Class III.....	730	640	58.9	6.1	15.4	16.3	382	298,340	8.67	2.27	158	4.8	11.7	13.2	14.7	1,885	16,420	5.90	
Class IV.....	1,305	1,190	55.3	11.4	18.6	17.4	432	374,450	10.22	2.36	196	3.1	14.6	10.2	10.8	1,981	13,140	6.39	
Class V.....	2,335	2,190	50.8	21.0	21.6	19.7	442	426,098	10.25	2.32	356	5.5	26.4	25.3	23.8	2,231	29,385	6.52	
Class VI.....	1,520	1,410	50.7	13.5	9.2	10.3	363	179,768	8.29	2.29	145	2.8	10.8	6.5	6.3	2,169	8,160	6.89	
Other farms.....	6,115	4,603	41.7	44.1	16.7	19.2	353	317,360	7.85	2.23	346	2.8	25.7	13.2	14.3	1,926	15,878	5.85	
Area 4b.....	13,418	11,025	61.5	100.0	100.0	100.0	359	2,646,722	8.07	2.25	2,568	8.1	100.0	100.0	100.0	2,022	303,469	7.06	
Commercial farms.....	5,520	5,149	66.3	46.7	78.7	77.6	364	2,099,832	8.25	2.26	1,618	8.9	63.0	80.6	79.6	2,048	243,314	7.11	
Class I.....	42	42	73.4	0.4	3.3	2.9	417	84,363	8.99	2.15	31	10.0	1.2	3.2	3.0	2,148	10,406	8.13	
Class II.....	290	275	77.5	2.5	13.0	12.7	368	338,240	8.12	2.20	169	13.8	6.6	16.0	17.3	1,876	59,100	7.96	
Class III.....	615	580	73.4	5.3	18.5	16.9	392	518,109	9.33	2.38	283	9.9	11.0	21.3	17.5	2,468	60,283	8.03	
Class IV.....	991	940	61.2	8.5	16.6	15.7	380	424,715	8.24	2.17	380	7.6	14.8	16.5	14.8	2,257	47,620	7.48	
Class V.....	1,826	1,696	63.1	15.4	17.7	18.5	343	470,275	7.73	2.25	500	8.2	19.5	18.5	18.3	2,034	51,085	6.47	
Class VI.....	1,796	1,616	57.9	14.7	9.6	10.8	319	264,130	7.44	2.33	255	6.1	9.9	5.1	8.7	1,183	14,820	3.96	
Other farms.....	7,898	5,876	49.3																

CENSUS OF 1954-Continued

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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**Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued**

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used		Acres limed	For lime	Per acre limed	
North Dakota—Continued																		
Area 3b.....	9,387	1,412	5.0	100.0	100.0	100.0	53	483,925	2.30	4.33	...	...	...	...	...	...	...	
Commercial farms.....	9,115	1,411	5.0	99.9	99.6	99.8	53	481,925	2.30	4.33	...	...	...	...	...	...	...	
Class I.....	120	62	18.0	4.4	14.0	13.6	55	68,625	2.40	4.39	...	...	...	...	...	...	...	
Class II.....	1,253	490	9.4	34.7	45.4	46.2	52	218,245	2.25	4.30	...	...	...	...	...	...	...	
Class III.....	3,042	558	3.6	39.5	27.3	27.2	53	132,938	2.33	4.36	...	...	...	...	...	...	...	
Class IV.....	3,002	249	2.2	17.6	10.9	11.2	52	51,793	2.21	4.24	...	...	...	...	...	...	...	
Class V.....	1,302	47	1.1	3.3	2.0	1.7	63	10,199	2.92	4.64	...	...	...	...	...	...	...	
Class VI.....	396	5	0.1	0.4	(2)	(2)	52	125	1.67	3.12	...	...	...	...	...	...	...	
Other farms.....	272	1	2.7	0.1	0.4	0.2	135	2,000	6.15	4.55	...	...	...	...	...	...	...	
Area 3c.....	5,777	970	4.4	100.0	100.0	100.0	71	265,748	2.89	4.06	...	...	...	...	...	...	...	
Commercial farms.....	5,562	960	4.4	99.0	99.8	99.8	71	265,223	2.89	4.06	...	...	...	...	...	...	...	
Class I.....	37	16	13.7	1.6	7.6	6.7	81	17,330	2.82	3.47	...	...	...	...	...	...	...	
Class II.....	668	256	8.5	26.4	39.2	39.8	70	105,797	2.89	4.12	...	...	...	...	...	...	...	
Class III.....	1,800	406	3.8	41.9	32.2	31.9	72	84,673	2.89	4.01	...	...	...	...	...	...	...	
Class IV.....	2,002	232	2.6	23.9	16.3	17.4	67	45,213	2.83	4.23	...	...	...	...	...	...	...	
Class V.....	805	30	1.8	3.1	3.5	3.5	70	9,725	2.99	4.30	...	...	...	...	...	...	...	
Class VI.....	250	20	1.9	2.1	0.9	0.6	113	2,485	4.52	4.01	...	...	...	...	...	...	...	
Other farms.....	215	10	1.4	1.0	0.2	0.2	75	525	3.28	4.38	...	...	...	...	...	...	...	
Area 4.....	9,157	4,252	23.5	100.0	100.0	100.0	77	2,653,034	3.13	4.05	...	...	...	...	...	...	...	
Commercial farms.....	8,895	4,225	23.6	99.4	99.8	99.9	77	2,648,208	3.13	4.05	...	...	...	...	...	...	...	
Class I.....	600	504	43.7	11.9	39.3	30.5	99	986,744	3.81	3.83	...	...	...	...	...	...	...	
Class II.....	1,982	1,348	28.4	31.7	34.0	37.4	70	929,787	2.93	4.17	...	...	...	...	...	...	...	
Class III.....	2,974	1,420	16.8	33.4	34.0	22.7	65	533,603	2.78	4.28	...	...	...	...	...	...	...	
Class IV.....	2,142	723	11.9	17.0	6.2	7.5	63	163,224	2.55	4.03	...	...	...	...	...	...	...	
Class V.....	946	205	7.6	4.8	1.1	1.6	57	30,730	2.33	4.11	...	...	...	...	...	...	...	
Class VI.....	251	25	4.5	0.6	0.1	0.1	76	4,120	3.40	4.48	...	...	...	...	...	...	...	
Other farms.....	262	27	5.5	0.6	0.2	0.1	105	4,826	4.71	4.47	...	...	...	...	...	...	...	
Ohio, total.....	177,098	137,615	50.4	100.0	100.0	100.0	291	51,710,805	7.77	2.67	47,918	6.4	100.0	100.0	100.0	3,681	6,510,921	7.74
Commercial farms.....	123,457	110,820	52.2	80.5	95.2	95.7	289	49,332,674	7.74	2.67	40,502	6.4	84.5	93.0	92.5	3,702	5,947,606	7.64
Class I.....	3,018	2,860	60.2	2.1	11.0	8.9	361	5,924,881	10.03	2.78	1,268	6.5	2.6	7.6	7.5	3,721	445,781	7.04
Class II.....	19,744	19,302	57.5	14.0	31.5	31.8	288	16,685,376	7.88	2.73	7,661	6.0	16.0	27.2	26.2	3,825	1,643,037	7.46
Class III.....	32,497	31,406	53.3	22.8	28.1	29.9	274	14,359,547	7.21	2.63	12,356	6.4	25.8	28.7	28.6	3,697	1,870,055	7.77
Class IV.....	31,778	29,227	47.6	21.2	15.8	16.5	278	7,989,308	7.25	2.61	10,345	6.5	21.6	17.8	18.0	3,651	1,188,153	7.85
Class V.....	24,955	20,805	40.8	15.1	7.2	7.2	295	3,627,797	7.62	2.58	6,927	7.1	14.5	9.4	9.9	3,495	649,000	7.79
Class VI.....	11,465	7,220	30.4	5.2	1.5	1.5	298	745,765	7.57	2.54	1,945	5.9	4.1	2.2	2.3	3,574	151,580	7.88
Other farms.....	53,641	26,795	28.2	19.5	4.8	4.3	329	2,378,131	8.37	2.55	7,416	6.3	15.5	7.0	7.5	3,421	563,315	8.95
Areas 1 and A.....	21,638	17,819	52.6	100.0	100.0	100.0	273	8,407,827	7.48	2.74	3,345	2.9	100.0	100.0	100.0	2,760	360,218	5.82
Commercial farms.....	18,495	16,536	52.8	92.8	98.5	98.7	272	8,288,810	7.47	2.75	3,205	2.9	95.8	99.1	98.4	2,780	357,103	5.86
Class I.....	583	565	61.3	3.2	11.5	9.0	347	1,006,060	9.90	2.85	139	2.8	4.2	9.9	7.6	3,602	30,445	6.50
Class II.....	4,541	4,421	55.8	24.8	42.5	41.2	281	3,648,350	7.87	2.80	956	2.7	28.6	40.2	36.9	3,008	129,008	5.65
Class III.....	5,720	5,495	51.7	30.8	28.1	30.6	250	2,311,560	6.72	2.69	1,120	3.0	33.5	30.8	31.8	2,673	129,050	6.55
Class IV.....	4,486	4,055	46.8	22.8	12.6	13.7	250	1,015,425	6.58	2.63	645	3.0	19.3	12.7	16.1	2,177	49,340	4.96
Class V.....	2,350	1,770	43.1	9.9	3.5	3.7	257	280,375	6.76	2.63	285	3.5	8.5	5.1	5.4	2,597	17,965	5.34
Class VI.....	815	230	31.1	1.3	0.3	0.3	280	26,840	7.12	2.54	60	3.0	1.8	0.4	0.6	1,944	1,295	3.60
Other farms.....	3,143	1,283	43.3	7.2	1.5	1.3	298	119,017	7.86	2.64	140	2.8	4.2	0.9	1.6	1,497	3,115	3.13
Area 2.....	21,491	18,095	56.1	100.0	100.0	100.0	258	8,787,448	6.95	2.70	4,979	5.0	100.0	100.0	100.0	3,776	678,841	6.00
Commercial farms.....	18,715	17,069	56.3	94.3	98.6	98.7	258	8,667,623	6.94	2.70	4,878	5.0	98.0	98.8	98.6	3,781	670,946	6.01
Class I.....	433	417	61.3	2.3	9.5	7.8	312	846,433	8.56	2.74	178	4.8	3.6	7.2	6.9	3,979	47,176	6.08
Class II.....	3,981	3,946	59.0	21.8	38.4	37.3	265	3,449,620	7.31	2.76	1,605	5.8	32.2	42.5	40.9	3,923	288,395	6.23
Class III.....	6,301	6,186	55.5	34.2	32.7	34.4	245	2,839,075	6.52	2.67	1,725	4.6	34.6	31.3	32.0	3,690	207,600	5.73
Class IV.....	4,670	4,350	52.1	24.0	13.9	14.7	243	1,170,765	6.29	2.59	960	4.3	19.3	13.6	13.6	3,776	96,555	6.27
Class V.....	2,450	1,875	49.3	10.4	3.8	4.0	247	324,670	6.47	2.62	360	5.0	7.2	3.7	4.5	3,085	27,540	5.44
Class VI.....	880	295	43.3	1.6	0.4	0.4	260	37,060	7.21	2.78	50	7.5	1.0	0.5	0.8	2,452	3,680	4.16
Other farms.....	2,776	1,026	42.9	5.7	1.4	1.3	280	119,825	7.47	2.67	101	4.1	2.0	1.2	1.4	3,355	7,895	5.09
Areas 3, B, C, and D...	32,425	25,978	58.2	100.0	100.0	100.0	276	13,450,591	7.45	2.70	5,393	4.4	100.0	100.0	100.0	3,835	985,986	7.17
Commercial farms.....	25,579	23,152	58.7	89.1	98.1	98.0	276	13,199,781	7.46	2.70	5,074	4.4	94.1	98.0	97.6	3,849	966,661	7.20
Class I.....	997	950	60.1	3.7	16.0	13.3	331	2,246,685	9.35	2.83	363	5.7	6.7	16.7	16.6	3,855	163,704	7.19
Class II.....	5,692	5,617	60.9	21.6	37.4	37.4	276	5,087,856	7.53	2.73	1,671	4.6	31.0	39.5	37.4	4,051	395,017	7.69
Class III.....	7,340	7,110	58.5	27.4	26.8	28.2	262	3,502,050	6.87	2.62	1,605	4.0	29.8	25.4	25.7	3,801	241,855	6.86
Class IV.....	6,095	5,535	55.5	21.3	12.7	13.5	259	1,674,395	6.87	2.65	925	3.8	17.2	10.9	12.1	3,449	112,380	6.74
Class V.....	4,065	3,150	5															

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer						Expenditures (dollars)			Lime						Expenditures (dollars)	
		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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
Ohio—Continued																		
Areas 5, F, G, and H...	20,815	15,805	45.1	100.0	100.0	100.0	347	3,890,619	9.02	2.60	8,513	11.8	100.0	100.0	100.0	3,882	1,095,794	9.69
Commercial farms.....	10,879	9,999	49.7	63.3	86.2	86.0	348	3,371,775	9.09	2.61	6,287	12.9	73.9	86.3	85.1	3,934	938,721	9.75
Class I.....	160	150	59.3	0.9	7.1	4.2	592	279,935	15.57	2.63	88	9.3	1.0	2.4	2.5	3,804	23,755	8.45
Class II.....	1,026	971	55.6	6.1	19.1	17.2	386	746,605	10.08	2.61	716	14.3	8.4	17.5	16.9	4,015	186,775	9.77
Class III.....	2,577	2,487	52.7	15.7	27.1	28.2	334	1,069,535	8.80	2.63	1,767	14.0	20.8	29.4	28.6	3,999	321,361	9.95
Class IV.....	3,101	2,911	47.2	18.4	18.0	19.9	315	697,515	8.13	2.58	1,826	12.3	21.4	20.6	19.7	4,049	225,345	10.11
Class V.....	2,755	2,520	44.9	15.9	11.8	13.2	312	464,840	8.17	2.62	1,425	12.0	16.7	12.7	13.4	3,677	143,035	9.44
Class VI.....	1,260	960	33.3	6.1	3.0	3.4	308	113,345	7.71	2.50	465	10.4	5.5	3.7	4.1	3,505	38,450	8.39
Other farms.....	9,936	5,806	28.8	36.7	13.8	14.0	342	518,844	8.56	2.50	2,226	8.0	26.1	13.7	14.9	3,587	157,073	9.33
Area 6a.....	9,855	7,820	50.5	100.0	100.0	100.0	302	3,159,235	8.07	2.67	2,848	8.1	100.0	100.0	100.0	3,471	485,587	7.76
Commercial farms.....	7,244	6,589	52.0	84.3	96.1	96.3	301	3,039,184	8.07	2.68	2,557	8.3	89.8	96.1	96.2	3,469	466,043	7.75
Class I.....	145	145	60.5	1.9	11.2	8.7	385	363,444	10.62	2.76	104	16.3	3.7	14.2	14.8	3,340	62,615	6.78
Class II.....	963	953	54.7	12.2	26.9	26.6	305	878,520	8.45	2.77	563	9.7	19.8	29.1	29.5	3,418	140,853	7.63
Class III.....	1,710	1,680	51.0	21.5	27.7	28.0	299	863,970	7.88	2.64	795	7.3	27.9	29.0	25.2	4,001	135,945	8.63
Class IV.....	2,060	1,950	51.9	24.9	19.5	21.4	274	595,295	7.09	2.58	625	6.6	21.9	15.3	16.9	3,144	81,165	7.66
Class V.....	1,756	1,526	46.1	19.5	9.6	10.1	285	300,265	7.56	2.65	405	6.3	14.2	7.5	8.7	2,972	39,640	7.27
Class VI.....	610	335	34.5	4.3	1.2	1.4	277	37,690	7.09	2.56	65	4.4	2.3	1.0	1.1	3,363	5,825	8.63
Other farms.....	2,611	1,231	29.5	15.7	3.9	3.7	318	120,051	8.21	2.58	291	4.8	10.2	3.9	3.8	3,523	19,514	8.16
Areas 6b and J.....	15,931	11,765	34.5	100.0	100.0	100.0	332	2,680,731	8.96	2.70	6,471	10.4	100.0	100.0	100.0	3,615	846,623	9.41
Commercial farms.....	8,955	7,959	37.6	67.6	86.8	86.6	333	2,333,996	9.01	2.71	4,746	11.1	73.3	85.4	84.7	3,647	678,503	8.90
Class I.....	106	85	45.0	0.7	8.3	4.7	589	261,839	18.69	3.17	68	7.7	1.1	1.9	2.7	2,567	16,922	7.06
Class II.....	440	415	47.6	3.5	12.1	11.8	343	334,697	9.52	2.78	295	10.4	4.6	10.2	8.5	4,321	79,001	10.30
Class III.....	1,444	1,419	45.5	12.1	22.3	23.9	310	595,680	8.32	2.69	994	13.2	15.4	22.6	23.0	3,547	186,877	9.03
Class IV.....	2,538	2,398	35.2	20.4	23.1	23.5	327	607,443	8.63	2.64	1,543	11.5	23.8	26.6	25.5	3,770	207,598	9.05
Class V.....	2,837	2,477	31.6	21.1	16.6	17.8	310	428,062	8.06	2.60	1,356	10.4	21.0	18.5	19.4	3,448	146,715	8.42
Class VI.....	1,590	1,165	25.5	9.9	4.3	4.9	292	106,275	7.20	2.47	490	8.7	7.6	5.7	5.6	3,676	41,390	8.17
Other farms.....	6,976	3,806	22.6	32.4	13.2	13.4	328	346,735	8.64	2.63	1,725	7.8	26.7	14.6	15.3	3,437	168,120	12.19
Areas 7 and K.....	13,826	10,086	39.7	100.0	100.0	100.0	317	3,126,739	8.03	2.53	3,179	7.0	100.0	100.0	100.0	3,790	392,382	5.72
Commercial farms.....	9,409	8,099	41.8	80.3	94.0	94.8	314	2,939,490	7.96	2.54	2,804	7.2	88.2	94.2	92.2	3,873	366,967	5.80
Class I.....	109	104	52.5	1.0	4.4	4.4	320	137,569	8.02	2.51	56	8.1	1.8	5.0	3.9	4,938	20,307	7.65
Class II.....	841	806	48.9	8.0	20.3	22.4	287	663,669	7.60	2.65	387	8.3	12.2	21.0	21.5	3,692	88,775	6.01
Class III.....	2,122	1,982	45.3	19.7	31.7	32.4	310	993,252	7.87	2.54	936	8.2	29.4	32.0	33.1	3,667	125,175	5.51
Class IV.....	2,577	2,217	37.8	22.0	21.0	20.8	321	653,695	8.09	2.52	760	6.7	23.9	23.0	20.9	4,171	83,245	5.81
Class V.....	2,480	2,110	34.2	20.9	13.8	12.4	353	415,225	8.60	2.43	575	5.6	18.1	11.8	11.6	3,847	43,460	5.46
Class VI.....	1,280	880	24.1	8.7	2.6	2.4	345	76,080	8.06	2.34	90	2.1	2.8	1.4	1.2	4,442	6,005	7.37
Other farms.....	4,417	1,987	20.8	19.7	6.0	5.2	369	187,249	9.31	2.52	375	5.5	11.8	5.8	7.8	2,807	25,415	4.77
Areas 8a and L.....	10,224	7,041	33.3	100.0	100.0	100.0	337	1,233,386	8.86	2.63	1,721	6.4	100.0	100.0	100.0	3,353	199,383	7.43
Commercial farms.....	4,409	3,746	37.0	53.2	80.1	81.0	334	997,766	8.85	2.65	1,206	7.2	70.1	81.9	81.6	3,365	161,318	7.36
Class I.....	84	73	50.4	1.0	6.8	7.2	319	84,870	8.44	2.65	47	5.4	2.7	4.8	4.0	4,075	10,360	9.68
Class II.....	206	174	42.7	2.5	12.4	13.2	317	152,671	8.28	2.61	72	6.0	4.2	10.0	9.6	3,476	19,893	7.69
Class III.....	492	442	41.1	6.3	15.1	15.9	320	183,200	8.29	2.59	251	8.7	14.6	19.8	17.5	3,806	40,215	8.58
Class IV.....	1,085	965	39.1	13.7	23.5	23.2	342	313,710	9.72	2.84	365	7.3	21.3	22.3	22.6	3,450	43,690	7.20
Class V.....	1,387	1,197	31.2	17.0	15.8	15.0	356	188,460	9.02	2.53	351	8.6	20.4	17.9	21.3	2,810	35,525	6.21
Class VI.....	1,155	895	23.4	12.7	6.4	6.5	334	74,855	8.30	2.49	120	4.6	7.0	6.2	6.6	3,112	11,635	6.54
Other farms.....	5,815	3,295	23.4	46.8	19.9	19.0	353	235,620	8.93	2.53	515	4.4	29.9	18.1	18.4	3,300	38,065	7.72
Area 8b.....	10,725	7,279	29.5	100.0	100.0	100.0	371	1,174,835	9.82	2.64	2,856	7.2	100.0	100.0	100.0	3,591	281,102	9.62
Commercial farms.....	5,744	4,933	31.9	67.8	84.8	84.6	373	1,007,003	9.95	2.67	2,240	7.9	78.4	86.3	85.3	3,631	242,967	9.74
Class I.....	35	25	26.7	0.3	0.9	1.0	348	11,535	9.61	2.76	20	8.7	0.7	1.1	1.3	2,923	4,355	11.17
Class II.....	198	173	52.7	2.4	12.9	10.6	451	158,488	12.51	2.77	111	10.5	3.9	7.8	8.6	3,249	24,590	9.78
Class III.....	665	609	35.1	8.4	19.3	19.1	374	233,180	10.21	2.73	368	8.7	12.9	16.5	19.4	3,066	51,942	9.17
Class IV.....	1,416	1,351	34.3	18.6	24.9	25.6	361	292,410	9.56	2.65	701	8.7	24.5	27.0	26.4	3,679	73,590	9.54
Class V.....	1,950	1,715	26.8	23.6	19.2	19.8	359	224,005	9.44	2.63	730	7.2	25.6	25.8	22.0	4,212	67,530	10.52
Class VI.....	1,480	1,060	22.0	14.6	7.7	8.5	338	87,385	8.63	2.55	310	4.8	10.9	8.0	7.6	3,780	20,960	9.40
Other farms.....	4,981	2,346	20.9															

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Acres limed		For lime	Per acre limed	
Oklahoma—Continued																	
Areas 3 and A.....	12,083	3,538	24.1	100.0	100.0	160	1,128,981	4.31	2.69	445	1.4	100.0	100.0	100.0	2,890	69,710	4.59
Commercial farms.....	6,191	2,885	25.9	81.5	94.8	161	1,075,195	4.34	2.70	395	1.5	88.8	92.2	92.8	2,873	64,360	4.56
Class I.....	175	97	23.9	2.7	10.5	9.3	125,437	5.15	2.85	23	4.2	5.2	15.5	28.4	1,574	9,750	2.26
Class II.....	539	353	30.6	10.0	24.7	21.7	299,333	5.26	2.89	72	1.4	16.2	23.6	17.5	3,896	14,398	5.4
Class III.....	950	616	30.2	17.4	22.9	26.4	269,405	5.90	2.80	70	0.9	15.7	17.7	13.1	3,885	14,701	7.36
Class IV.....	1,557	881	27.2	24.9	21.6	23.6	231,304	3.75	2.55	122	1.3	27.4	19.9	19.7	2,929	14,037	4.70
Class V.....	1,696	673	19.7	19.0	12.7	11.3	125,546	4.24	2.36	83	1.3	18.7	13.7	13.1	3,023	10,134	5.11
Class VI.....	1,274	265	9.7	7.5	2.4	2.4	24,170	3.88	2.38	25	0.2	5.6	2.0	1.1	5,375	1,340	8.38
Other farms.....	5,892	653	10.8	18.5	5.2	5.4	53,786	3.82	2.48	50	0.8	11.2	7.8	7.2	3,114	5,350	4.89
Area 4.....	18,416	4,192	9.1	100.0	100.0	106	911,099	3.07	2.90	27	(2)	100.0	100.0	100.0	1,525	5,547	4.23
Commercial farms.....	15,757	4,036	9.3	96.3	98.4	99.1	898,414	3.06	2.91	17	(2)	63.0	88.0	84.7	1,584	5,097	4.59
Class I.....	399	163	9.5	3.9	10.0	8.9	114,310	4.31	3.63	2	0.2	7.4	41.4	32.4	1,948	2,082	4.90
Class II.....	2,134	721	9.9	17.2	24.9	28.1	247,960	2.97	3.17	5	(2)	18.5	25.0	9.5	4,000	1,000	8.00
Class III.....	3,995	1,172	10.0	28.0	30.7	31.8	263,402	2.79	2.74	5	(2)	18.5	1.5	4.6	500	115	1.92
Class IV.....	4,694	1,145	8.9	27.3	21.2	20.9	182,230	2.94	2.74	...	...	...	...	...	...	...	...
Class V.....	3,277	634	6.8	15.1	8.9	7.5	69,197	3.12	2.49	5	0.2	18.5	20.0	38.2	800	1,900	3.80
Class VI.....	1,258	201	6.7	4.8	2.7	1.9	21,315	3.81	2.50	...	...	...	...	...	...	...	...
Other farms.....	2,659	156	2.9	3.7	1.6	0.9	12,685	4.90	2.50	10	0.2	37.0	12.0	15.3	1,200	450	2.25
Areas 5 and B.....	16,170	4,533	21.9	100.0	100.0	141	981,951	3.67	2.60	301	0.5	100.0	100.0	100.0	2,313	27,707	4.50
Commercial farms.....	8,794	3,691	24.2	81.4	92.3	94.0	911,036	3.62	2.61	251	0.5	83.4	88.7	89.8	2,286	24,402	4.42
Class I.....	106	57	29.1	1.3	3.3	3.4	37,358	4.08	3.03	3	1.7	1.0	8.8	8.5	2,381	1,893	3.61
Class II.....	652	444	35.4	9.8	22.8	26.0	261,810	3.77	3.04	17	0.4	5.6	7.0	14.2	1,131	2,345	2.68
Class III.....	1,294	795	26.0	17.5	25.9	24.5	236,381	3.60	2.41	71	0.6	23.6	24.0	25.8	2,157	8,326	5.26
Class IV.....	2,112	1,088	24.7	24.0	22.3	23.4	218,554	3.50	2.59	74	0.5	24.6	24.6	19.9	2,864	6,353	5.20
Class V.....	2,831	971	17.0	21.4	14.7	14.0	125,878	3.35	2.26	61	0.5	20.3	18.4	16.9	2,513	4,130	3.97
Class VI.....	1,799	396	8.2	7.4	3.3	2.7	31,055	4.32	2.49	25	0.3	8.3	6.0	4.5	3,091	1,355	4.93
Other farms.....	7,376	842	8.9	18.6	7.7	6.0	70,915	4.44	2.45	50	0.3	16.6	11.3	10.2	2,556	3,305	5.25
Area 6.....	8,417	2,091	14.8	100.0	100.0	174	395,068	4.36	2.51	121	0.6	100.0	100.0	100.0	3,001	16,420	4.62
Commercial farms.....	3,620	1,629	17.8	77.9	87.2	90.0	344,469	4.22	2.51	96	0.7	79.3	93.5	87.3	3,214	14,825	4.78
Class I.....	47	25	31.3	1.2	6.4	11.0	22,575	2.26	2.25	2	0.2	1.7	1.5	1.4	3,200	196	3.92
Class II.....	119	89	29.0	4.3	13.7	11.8	50,294	4.72	2.34	11	0.5	9.1	3.9	4.9	2,391	746	4.29
Class III.....	366	190	18.6	9.1	15.0	15.2	70,605	5.13	2.98	18	0.5	14.9	6.6	9.4	2,108	1,163	3.48
Class IV.....	657	387	19.0	18.5	23.7	24.0	93,103	4.27	2.49	23	1.4	19.0	64.8	46.4	4,188	9,136	5.54
Class V.....	1,126	481	13.0	23.0	17.7	16.9	64,245	4.19	2.30	22	0.5	18.2	7.6	15.6	1,463	1,829	3.30
Class VI.....	1,305	457	12.2	21.9	10.7	11.1	43,647	4.35	2.60	20	0.4	16.5	9.1	9.6	2,853	1,755	5.16
Other farms.....	4,797	462	5.8	22.1	12.8	10.0	50,599	5.57	2.50	25	0.3	20.7	6.5	12.7	1,533	1,595	3.54
Area 7a.....	6,544	1,170	9.8	100.0	100.0	172	238,018	4.47	2.61	95	0.3	100.0	100.0	100.0	2,089	5,275	3.49
Commercial farms.....	3,605	969	10.7	82.8	92.3	93.0	220,358	4.46	2.61	80	0.3	84.2	85.7	88.4	2,025	4,640	3.47
Class I.....	67	31	13.0	2.6	12.0	12.1	29,415	4.56	2.69	3	0.3	3.2	18.4	11.3	3,392	670	3.92
Class II.....	164	77	13.5	6.6	13.6	15.0	40,159	5.05	3.22	2	0.1	2.1	8.1	5.3	3,200	485	6.06
Class III.....	485	181	14.6	15.5	26.2	23.0	61,829	5.06	2.59	5	0.2	5.3	0.6	9.9	133	20	0.13
Class IV.....	895	234	8.4	20.0	17.2	18.0	39,596	4.15	2.53	20	0.2	21.1	25.3	16.5	3,200	1,545	6.18
Class V.....	1,136	251	8.1	21.5	16.2	16.1	32,944	3.84	2.23	20	0.3	21.1	16.2	21.8	1,545	1,065	3.23
Class VI.....	858	195	9.9	16.7	7.1	8.8	16,415	3.50	2.52	30	0.7	31.6	17.1	23.5	1,521	855	2.41
Other farms.....	2,939	201	4.5	17.2	7.7	7.0	17,660	4.73	2.52	15	0.2	15.8	14.3	11.6	2,571	635	3.63
Area 7b.....	4,320	1,479	21.4	100.0	100.0	164	249,701	3.51	2.13	59	0.5	100.0	100.0	100.0	1,624	9,613	6.12
Commercial farms.....	2,411	1,138	23.6	76.9	93.5	94.6	232,325	3.45	2.12	39	0.4	66.1	85.1	80.3	1,722	8,513	6.76
Class I.....	24	13	32.6	0.9	4.6	8.7	14,299	2.31	2.67	1	0.4	1.7	11.8	4.8	4,000	1,500	20.00
Class II.....	88	45	26.4	3.0	11.1	13.4	21,601	2.27	1.66	2	0.1	3.4	2.4	1.9	2,000	150	5.00
Class III.....	275	155	27.0	10.5	23.5	20.5	56,897	3.89	2.07	10	0.8	16.9	19.6	27.1	1,176	550	1.29
Class IV.....	588	351	23.4	23.7	28.0	26.8	70,622	3.70	2.16	16	0.6	27.1	38.8	30.6	2,062	5,273	10.99
Class V.....	718	309	20.5	20.9	14.8	17.2	39,621	3.23	2.29	5	0.3	8.5	0.8	9.6	133	40	0.27
Class VI.....	718	265	16.3	17.9	11.6	8.0	29,285	5.11	2.15	5	0.3	8.5	11.8	6.4	3,000	1,000	10.00
Other farms.....	1,909	341	8.1	23.1	6.5	5.4	17,376	4.55	2.29	20	0.7	33.9	14.9	19.7	1,226	1,100	3.55
Area 8a.....	10,218	3,073	22.2	100.0	100.0	167	750,396	4.56	2.73	256	1.1	100.0	100.0	100.0	2,878	35,345	4.36
Commercial farms.....	4,511	2,267	25.1	73.8	91.1	91.2	694,791	4.62	2.77	231	1.3	90.2	95.2	94.8	2,890	32,960	4.29
Class I.....	55	46	29.2	1.5	10.4	10.4	97,919	5.72	3.42	10	2.7	3.9	24.9	19.6	3,658	5,460	3.43
Class II.....	211	178	31.6	5.8	16.6	16.0	137,338	5.21	3.01	36	2.4	14.1	24.4	24.6	2,854	8,932	4.49
Class III.....	484	347	34.0	11.3	23.0	21.6</											

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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
Oregon, total.....	54,442	21,712	23.1	100.0	100.0	100.0	226	11,674,079	8.89	3.93	1,737	0.4	100.0	100.0	100.0	2,900	357,254	14.89
Commercial farms.....	32,124	17,483	23.8	80.5	97.2	97.2	226	11,375,165	8.91	3.94	1,369	0.4	78.8	90.6	87.6	3,000	321,946	15.31
Class I.....	3,130	2,279	24.2	10.5	45.2	44.0	232	5,476,525	9.47	4.08	155	0.3	8.9	20.9	25.7	2,351	79,856	12.92
Class II.....	6,478	4,513	26.4	20.8	28.3	28.2	227	3,338,889	9.02	3.98	349	0.4	20.1	34.3	24.0	4,157	126,031	21.91
Class III.....	6,853	4,228	25.4	19.5	13.1	14.3	207	1,479,067	7.86	3.79	396	0.5	22.8	20.8	16.5	3,652	63,266	16.00
Class IV.....	6,945	3,158	17.1	14.5	6.5	6.4	230	666,965	7.99	3.48	237	0.6	13.6	6.3	11.7	1,597	24,313	8.62
Class V.....	6,444	2,734	17.7	12.6	3.6	3.8	211	354,018	7.04	3.35	172	0.7	9.9	6.9	7.7	2,618	23,705	12.84
Class VI.....	2,274	571	10.0	2.6	0.5	0.5	249	59,701	9.15	3.67	60	0.7	3.5	1.4	2.0	2,063	4,775	10.05
Other farms.....	22,318	4,229	11.1	19.5	2.8	2.8	231	298,914	8.20	3.56	368	0.9	21.2	9.4	12.4	2,194	35,308	11.87
Area la.....	5,805	1,378	10.9	100.0	100.0	100.0	296	238,796	10.51	3.55	211	0.9	100.0	100.0	100.0	4,588	42,841	21.95
Commercial farms.....	2,926	1,053	12.2	76.4	91.4	91.6	296	218,226	10.48	3.55	151	0.8	71.6	79.5	65.7	5,551	33,386	26.04
Class I.....	87	21	7.9	1.5	10.0	6.3	470	22,070	15.35	3.26	1	0.1	0.5	0.7	0.5	6,000	240	24.00
Class II.....	531	301	18.0	21.8	38.2	39.4	288	92,426	10.33	3.59	62	1.4	29.4	53.1	36.2	6,721	20,750	29.35
Class III.....	772	310	14.9	22.5	23.3	24.8	278	56,666	10.06	3.62	42	0.7	19.9	15.5	14.1	5,043	6,608	23.94
Class IV.....	710	203	6.5	14.7	11.5	10.0	342	28,019	12.33	3.61	26	0.5	12.3	4.3	8.4	3,329	2,003	12.21
Class V.....	590	158	8.1	11.5	6.8	9.2	220	15,555	7.45	3.38	15	0.3	7.1	4.6	3.8	5,467	3,305	44.07
Class VI.....	236	60	11.0	4.4	1.5	1.9	232	3,490	7.93	3.42	5	1.3	2.4	1.3	2.6	2,400	480	9.60
Other farms.....	2,879	325	5.1	23.6	8.6	8.4	302	20,570	10.77	3.57	60	1.8	28.4	20.5	34.3	2,746	9,455	14.11
Area lb.....	6,261	1,910	23.7	100.0	100.0	100.0	241	444,434	7.37	3.06	165	0.7	100.0	100.0	100.0	2,549	20,501	11.03
Commercial farms.....	2,567	1,148	28.4	60.1	89.2	88.7	242	397,834	7.44	3.07	105	0.8	63.6	85.6	79.3	2,753	16,616	11.27
Class I.....	135	99	49.7	5.2	31.8	22.6	338	152,322	11.18	3.30	1	0.1	0.6	3.8	1.6	6,000	900	30.00
Class II.....	372	251	33.5	13.1	19.6	19.6	241	91,395	7.74	3.21	18	0.9	10.9	19.3	17.1	2,890	3,576	11.28
Class III.....	496	259	32.8	13.6	19.2	23.4	197	77,228	5.48	2.78	34	1.3	20.6	36.6	30.5	3,058	5,770	10.18
Class IV.....	581	200	11.8	10.5	7.0	7.6	222	29,498	6.47	2.91	16	0.5	9.7	12.0	10.5	2,913	2,765	14.18
Class V.....	734	298	24.3	15.6	10.9	14.5	182	44,111	5.06	2.78	21	0.7	12.7	13.3	12.6	2,681	3,310	14.09
Class VI.....	249	41	8.9	2.1	0.7	1.2	155	3,280	4.72	3.04	15	1.7	9.1	0.6	7.0	231	295	2.27
Other farms.....	3,694	762	10.3	39.9	10.8	11.3	230	46,600	6.86	2.98	60	0.6	36.4	14.4	20.7	1,766	3,885	10.09
Areas 2a and A.....	18,962	8,852	39.1	100.0	100.0	100.0	285	3,309,776	11.31	3.97	903	1.2	100.0	100.0	100.0	3,108	134,351	15.32
Commercial farms.....	10,937	7,019	42.4	79.3	96.2	96.1	285	3,193,132	11.36	3.99	742	1.2	82.2	91.6	90.2	3,157	122,191	15.45
Class I.....	788	640	58.0	7.2	31.1	23.6	376	1,033,396	14.99	3.99	64	1.0	7.1	13.3	13.7	3,009	19,628	16.29
Class II.....	1,927	1,564	48.8	17.7	32.9	33.5	280	1,106,980	11.31	4.04	192	1.2	21.3	29.2	28.0	3,248	38,455	15.68
Class III.....	2,319	1,794	41.1	20.3	17.9	22.6	225	600,931	9.08	4.04	246	1.3	27.2	29.0	24.6	3,663	37,928	17.60
Class IV.....	2,482	1,395	27.8	15.8	8.5	9.5	255	271,440	9.80	3.84	120	0.9	13.3	7.0	9.9	2,184	9,890	11.37
Class V.....	2,526	1,301	26.4	14.7	4.8	5.9	231	146,825	8.49	3.67	90	1.5	10.0	10.3	11.1	2,882	12,700	13.03
Class VI.....	895	325	17.9	3.7	1.1	1.0	285	33,560	10.93	3.83	30	1.5	3.3	2.8	2.9	3,080	3,590	14.36
Other farms.....	8,025	1,833	13.4	20.7	3.8	3.9	277	116,644	10.11	3.65	161	1.0	17.8	8.4	9.8	2,651	12,160	14.14
Area 2b.....	10,003	4,083	46.7	100.0	100.0	100.0	234	2,881,663	8.92	3.81	386	1.4	100.0	100.0	100.0	2,707	150,394	15.02
Commercial farms.....	5,452	3,341	50.0	81.8	97.9	97.3	236	2,821,179	8.98	3.81	319	1.4	82.6	93.9	90.3	2,815	141,231	15.62
Class I.....	481	441	74.0	10.8	48.6	38.1	299	1,375,508	11.16	3.73	75	2.7	19.4	36.0	44.9	2,171	55,087	12.26
Class II.....	1,163	905	54.3	22.2	30.0	33.3	211	905,945	8.42	3.98	75	1.3	19.4	37.8	22.4	4,574	63,104	28.13
Class III.....	1,088	698	37.5	17.1	10.2	14.3	167	290,044	6.26	3.74	58	0.7	15.0	12.3	9.1	3,665	12,620	13.91
Class IV.....	1,170	630	30.7	15.4	5.6	7.1	185	153,177	6.69	3.61	60	1.3	15.5	4.3	9.6	1,212	6,420	6.65
Class V.....	1,173	572	23.0	14.0	2.9	3.8	177	82,740	6.69	3.77	41	0.7	10.6	3.3	3.9	2,285	3,590	9.30
Class VI.....	377	95	13.9	2.3	0.5	0.6	205	13,765	7.50	3.66	10	0.3	2.6	0.2	0.4	1,333	410	9.11
Other farms.....	4,551	742	13.9	18.2	2.1	2.7	181	60,484	6.85	3.79	67	1.5	17.4	6.1	9.7	1,701	9,163	9.40
Area 3.....	3,631	1,614	17.9	100.0	100.0	100.0	81	1,659,283	5.07	6.22	11	(2)	100.0	100.0	100.0	960	136	5.44
Commercial farms.....	2,669	1,392	17.9	86.2	97.9	99.1	81	1,635,120	5.04	6.26	11	(2)	100.0	100.0	100.0	960	136	5.44
Class I.....	770	487	19.0	30.2	62.0	75.6	67	1,210,595	4.89	7.32	1	(2)	9.1	16.7	60.0	267	36	2.40
Class II.....	737	418	15.1	25.9	23.5	17.8	108	303,662	5.22	4.84	...	...	...	...	...	...	...	...
Class III.....	381	222	17.9	13.8	6.8	3.3	165	69,553	6.35	3.85	10	(2)	90.9	83.3	40.0	2,000	100	10.00
Class IV.....	326	136	17.5	8.4	2.8	1.6	139	31,434	5.92	4.25	...	...	...	...	...	...	...	...
Class V.....	302	108	10.3	6.7	2.7	0.7	323	18,750	8.31	2.57	...	...	...	...	...	...	...	...
Class VI.....	153	21	2.1	1.3	0.1	(2)	186	1,126	8.04	4.33	...	...	...	...	...	...	...	...
Other farms.....	962	222	16.0	13.8	2.1	0.9	189	24,163	8.26	4.36	...	...	...	...	...	...	...	...
Area 4.....	9,780	3,875	14.6	100.0	100.0	100.0	313	3,140,127	10.93	3.49	61	0.1	100.0	100.0	100.0	1,111	9,031	6.53
Commercial farms.....	7,573	3,530	14.8															

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer							Lime									
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Pennsylvania—Continued																		
Area 1b.....	8,527	6,014	33.0	100.0	100.0	100.0	330	1,237,514	8.54	2.59	3,406	10.0	100.0	100.0	100.0	3,001	367,313	8.34
Commercial farms.....	4,495	3,867	37.0	64.3	84.0	84.2	329	1,039,040	8.51	2.59	2,449	11.2	71.9	84.7	84.1	3,023	312,272	8.44
Class I.....	41	26	42.6	0.4	1.5	1.9	259	19,448	6.95	2.69	20	9.0	0.6	1.4	1.3	3,064	5,834	9.89
Class II.....	452	421	46.9	7.0	21.6	18.5	385	282,185	10.52	2.73	341	15.4	10.0	20.0	20.0	3,007	82,205	9.34
Class III.....	923	873	41.4	14.5	23.9	24.5	322	297,716	8.39	2.60	625	13.6	18.3	28.0	26.5	3,167	98,620	8.45
Class IV.....	1,287	1,171	34.9	19.5	20.1	22.0	302	242,446	7.62	2.52	698	8.5	20.5	18.1	17.6	3,094	63,583	8.22
Class V.....	1,102	931	31.0	15.5	13.0	13.2	327	155,845	8.17	2.50	510	10.0	15.0	12.2	13.9	2,619	46,605	7.60
Class VI.....	690	445	22.0	7.4	3.8	4.2	297	41,400	6.84	2.30	255	7.6	7.5	5.0	4.7	3,200	15,425	7.43
Other farms.....	4,032	2,147	20.9	35.7	16.0	15.8	335	198,474	8.70	2.60	957	6.4	28.1	15.3	15.9	2,881	55,041	7.85
Area 2.....	11,498	7,325	22.4	100.0	100.0	100.0	365	1,635,488	9.31	2.55	5,166	10.7	100.0	100.0	100.0	2,723	803,169	9.59
Commercial farms.....	8,851	6,539	23.9	89.3	96.0	95.8	365	1,567,173	9.31	2.55	4,634	11.2	89.7	94.6	93.7	2,749	760,533	9.69
Class I.....	98	72	34.0	1.0	6.5	3.8	623	117,456	17.58	2.82	65	14.9	1.3	3.8	3.5	2,950	30,028	10.23
Class II.....	1,198	1,073	29.6	14.6	29.6	27.9	387	486,027	9.91	2.56	951	14.6	18.4	29.8	28.8	2,816	253,271	10.48
Class III.....	2,903	2,458	25.3	33.6	34.7	37.1	342	565,635	8.68	2.54	1,846	12.3	35.7	37.2	37.7	2,691	294,270	9.32
Class IV.....	2,887	2,106	19.7	28.8	18.8	20.7	333	298,245	8.21	2.47	1,272	8.3	24.6	18.0	18.2	2,690	140,779	9.24
Class V.....	1,280	690	16.0	9.4	5.5	5.4	371	86,450	9.08	2.44	400	6.5	7.7	4.9	4.6	2,908	35,150	9.12
Class VI.....	485	140	9.2	1.9	0.8	0.9	314	13,360	8.20	2.61	100	4.3	1.9	0.9	0.9	2,614	7,035	9.20
Other farms.....	2,647	786	9.2	10.7	4.0	4.2	354	68,315	9.35	2.64	532	6.6	10.3	5.4	6.3	2,333	42,636	8.11
Area 3.....	3,897	2,891	42.0	100.0	100.0	100.0	359	914,748	9.58	2.67	1,342	9.1	100.0	100.0	100.0	2,436	125,984	6.08
Commercial farms.....	2,400	2,069	47.3	71.6	92.0	91.6	360	844,823	9.65	2.68	1,031	9.4	76.8	86.7	84.2	2,511	106,942	6.13
Class I.....	35	30	70.0	1.0	6.5	5.1	456	62,272	12.74	2.79	25	12.3	1.9	6.6	4.1	3,860	5,990	6.97
Class II.....	192	181	55.1	6.3	19.6	15.8	446	181,722	12.04	2.70	116	12.2	8.6	16.6	16.1	2,504	22,432	6.71
Class III.....	630	610	54.3	21.1	35.5	35.7	357	331,310	9.70	2.72	365	9.7	27.2	30.4	29.5	2,505	38,195	6.24
Class IV.....	677	592	42.5	20.5	17.5	20.5	307	155,555	7.96	2.60	305	8.0	22.7	21.4	17.7	2,947	27,220	7.41
Class V.....	586	446	34.1	15.4	9.8	11.2	314	87,911	8.23	2.62	165	5.3	12.3	8.8	8.1	2,647	10,095	6.04
Class VI.....	280	210	30.2	7.3	3.0	3.3	324	26,050	8.23	2.54	55	17.0	4.1	3.0	8.6	860	3,010	1.69
Other farms.....	1,497	822	18.8	28.4	8.0	8.4	343	69,925	8.75	2.55	311	7.7	23.2	13.3	15.8	2,039	19,042	5.80
Area 4a.....	7,852	5,607	33.6	100.0	100.0	100.0	309	1,201,586	8.09	2.62	3,206	10.6	100.0	100.0	100.0	2,637	339,355	7.23
Commercial farms.....	4,047	3,597	38.2	63.4	84.3	84.5	308	1,022,001	8.14	2.64	2,221	12.1	69.3	85.7	84.5	2,677	289,620	7.30
Class I.....	22	22	72.0	0.4	3.6	2.5	438	52,016	13.88	3.17	15	30.1	0.5	1.5	3.3	1,150	4,515	2.88
Class II.....	240	220	42.9	3.9	14.0	12.4	349	173,030	9.40	2.69	187	14.9	5.8	14.0	13.6	2,707	51,098	7.99
Class III.....	822	787	46.1	14.0	26.3	26.5	307	316,945	8.06	2.62	557	12.5	17.4	25.9	22.7	3,011	85,597	8.05
Class IV.....	1,092	1,052	37.4	18.8	21.4	22.2	298	255,860	7.76	2.60	612	10.5	19.1	21.2	19.7	2,864	72,915	7.88
Class V.....	966	796	32.1	14.2	11.9	13.6	270	139,190	6.87	2.54	490	10.4	15.3	13.6	14.0	2,561	44,525	6.79
Class VI.....	905	680	24.6	12.1	7.1	7.3	300	84,960	7.86	2.62	360	11.9	11.2	9.7	11.2	2,290	30,970	5.90
Other farms.....	3,805	2,050	20.4	36.6	15.7	15.5	312	179,585	7.80	2.50	985	6.5	30.7	14.3	15.5	2,419	49,735	6.82
Area D.....	10,491	6,216	23.9	100.0	100.0	100.0	331	1,103,715	8.40	2.54	3,731	9.0	100.0	100.0	100.0	2,797	406,367	8.17
Commercial farms.....	5,227	4,002	26.4	64.4	83.2	85.2	323	932,610	8.33	2.58	2,613	9.6	70.0	85.0	81.7	2,910	342,330	8.43
Class I.....	88	68	36.0	1.1	3.9	3.3	391	43,355	9.94	2.54	40	9.8	1.1	2.6	2.4	3,063	10,935	9.23
Class II.....	492	447	36.6	7.2	19.7	18.8	346	230,191	9.31	2.69	342	12.5	9.2	17.6	16.9	2,921	74,460	8.86
Class III.....	1,225	1,070	28.3	17.2	26.1	27.7	311	291,080	8.00	2.57	820	11.7	22.0	31.3	30.2	2,895	130,035	8.66
Class IV.....	1,462	1,182	24.6	19.0	19.6	21.5	302	217,574	7.71	2.55	741	7.7	19.9	18.8	17.8	2,946	67,095	7.56
Class V.....	1,265	880	20.2	14.2	11.2	11.0	339	120,685	8.38	2.47	495	8.0	13.3	12.3	11.5	2,983	50,710	8.83
Class VI.....	695	355	13.1	5.7	2.6	2.9	300	29,725	7.67	2.55	175	4.8	4.7	2.4	2.8	2,340	9,095	6.45
Other farms.....	5,264	2,214	15.4	35.6	16.8	14.8	376	171,105	8.78	2.34	1,118	7.2	30.0	15.0	18.3	2,293	64,037	7.03
Areas 4b and E.....	9,045	5,308	30.0	100.0	100.0	100.0	366	1,352,867	9.33	2.55	2,623	8.8	100.0	100.0	100.0	2,770	322,840	7.56
Commercial farms.....	4,378	3,501	35.5	66.0	89.2	89.1	367	1,215,095	9.41	2.56	1,867	10.1	71.2	83.8	85.8	2,707	275,070	7.51
Class I.....	56	46	50.6	0.9	6.9	4.2	606	100,805	16.66	2.75	31	12.7	1.2	3.1	3.5	2,409	12,690	7.38
Class II.....	450	404	46.3	7.6	24.1	22.3	396	334,135	10.33	2.61	270	11.0	10.3	17.8	18.1	2,732	61,350	7.96
Class III.....	892	852	43.8	16.1	27.9	28.2	362	380,995	9.31	2.57	505	13.4	19.3	28.0	29.4	2,641	93,100	7.42
Class IV.....	1,038	883	33.0	16.6	16.0	18.2	322	212,870	8.09	2.51	466	10.1	17.8	17.6	18.9	2,583	59,320	7.36
Class V.....	1,246	895	24.4	16.9	10.9	12.5	318	142,615	7.85	2.47	415	6.5	15.8	13.6	11.4	3,299	37,020	7.61
Class VI.....	696	421	15.6	7.9	3.5	3.7	343	43,675	8.17	2.38	180	5.6	6.9	3.7	4.5	2,304	11,590	6.07
Other farms.....	4,667	1,807	13.2	34.0	10.8	10.9	361	137,772	8.69	2.41	7							

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
Pennsylvania—Continued																		
Areas J and K.....	13,488	11,368	60.2	100.0	100.0	100.0	468	4,712,982	11.60	2.48	3,450	7.1	100.0	100.0	100.0	2,372	350,104	7.29
Commercial farms.....	10,192	9,287	61.6	81.7	96.1	95.9	468	4,535,502	11.64	2.48	3,089	7.3	89.5	95.6	95.9	2,365	335,494	7.29
Class I.....	705	680	70.0	6.0	21.3	14.8	672	1,027,576	17.09	2.54	283	7.9	8.2	15.0	14.2	2,511	55,516	8.14
Class II.....	3,172	3,062	64.8	26.9	39.8	41.5	449	1,855,936	11.01	2.45	1,221	7.6	35.4	40.2	41.1	2,321	141,053	7.10
Class III.....	2,705	2,495	58.3	21.9	21.2	23.6	420	1,001,285	10.45	2.49	880	7.1	25.5	23.8	24.4	2,315	84,400	7.21
Class IV.....	1,700	1,485	55.9	13.1	8.5	10.0	399	405,305	10.01	2.51	390	6.0	11.3	9.1	9.0	2,389	30,000	6.94
Class V.....	1,395	1,200	50.9	10.6	4.4	5.1	409	206,475	10.02	2.45	260	7.7	7.5	6.8	6.5	2,449	21,750	6.93
Class VI.....	515	365	44.6	3.2	0.9	1.0	419	38,925	9.73	2.32	55	3.5	1.6	0.7	0.7	2,698	2,775	8.81
Other farms.....	3,296	2,081	39.7	18.3	3.9	4.1	448	177,480	10.68	2.38	361	4.8	10.5	4.4	4.1	2,518	14,610	7.34
Areas L, M, and N.....																		
Commercial farms.....	16,792	12,316	54.7	100.0	100.0	100.0	456	6,721,895	11.97	2.63	4,077	7.9	100.0	100.0	100.0	2,261	525,830	6.48
Class I.....	11,389	9,763	56.9	79.3	95.1	94.6	458	6,403,244	12.05	2.63	3,534	8.1	86.7	93.9	93.2	2,279	490,684	6.49
Class II.....	800	674	70.1	5.5	26.3	18.7	640	1,926,129	18.33	2.86	356	13.3	8.7	25.9	24.7	2,375	139,350	6.97
Class III.....	2,928	2,728	59.0	22.2	33.9	35.2	439	2,209,065	11.16	2.55	1,248	8.0	30.6	33.5	33.2	2,282	177,164	6.58
Class IV.....	3,040	2,730	55.3	22.2	20.8	24.5	386	1,342,645	9.75	2.53	990	6.8	24.3	19.9	20.9	2,153	104,565	6.18
Class V.....	2,075	1,720	48.9	14.0	8.2	9.6	394	541,330	10.09	2.56	500	5.5	12.3	8.6	7.5	2,606	40,485	6.66
Class VI.....	1,866	1,451	44.1	11.8	5.0	5.6	401	326,920	10.32	2.57	355	6.6	8.7	5.1	5.8	1,981	22,635	4.79
Other farms.....	680	460	30.2	3.7	0.9	1.0	418	97,155	10.44	2.50	85	5.1	2.1	0.9	1.1	1,762	6,485	7.01
Other farms.....	5,403	2,553	32.2	20.7	4.9	5.4	417	318,651	10.60	2.55	543	5.9	13.3	6.1	6.8	2,018	35,146	6.35
Rhode Island, total.....																		
Commercial farms.....	1,953	836	28.0	100.0	100.0	100.0	733	328,261	20.77	2.84	277	5.7	100.0	100.0	100.0	2,052	28,916	8.97
Class I.....	1,103	566	33.6	67.7	95.4	93.4	748	307,311	20.82	2.78	192	6.4	69.3	87.6	87.9	2,045	25,981	9.17
Class II.....	92	67	48.1	8.0	23.1	18.1	936	74,263	25.97	2.78	40	9.4	14.4	19.8	17.4	2,339	6,525	11.65
Class III.....	261	161	39.5	19.3	31.4	33.5	688	102,822	19.43	2.83	81	12.0	29.2	41.3	49.7	1,705	12,111	7.56
Class IV.....	246	141	40.3	16.9	22.6	24.0	690	68,125	17.95	2.60	35	3.5	12.6	18.9	10.2	3,788	5,250	15.91
Class V.....	220	100	21.3	12.0	10.3	9.6	787	35,175	23.29	2.96	30	4.3	10.8	5.9	9.5	1,279	1,700	5.57
Class VI.....	192	71	18.3	8.5	5.7	5.1	825	19,721	24.50	2.97	1	0.3	0.4	0.9	0.5	4,000	270	18.00
Class VI.....	92	26	13.5	3.1	2.2	3.2	508	7,205	14.41	2.84	5	0.5	1.8	0.8	0.6	2,500	125	6.25
Other farms.....	850	270	8.4	32.3	4.6	6.6	515	20,950	20.14	3.91	85	3.1	30.7	12.4	12.1	2,103	2,935	7.53
Areas I and A.....																		
Commercial farms.....	1,953	836	28.0	100.0	100.0	100.0	733	328,261	20.77	2.84	277	5.7	100.0	100.0	100.0	2,052	28,916	8.97
Class I.....	1,103	566	33.6	67.7	95.4	93.4	748	307,311	20.82	2.78	192	6.4	69.3	87.6	87.9	2,045	25,981	9.17
Class II.....	92	67	48.1	8.0	23.1	18.1	936	74,263	25.97	2.78	40	9.4	14.4	19.8	17.4	2,339	6,525	11.65
Class III.....	261	161	39.5	19.3	31.4	33.5	688	102,822	19.43	2.83	81	12.0	29.2	41.3	49.7	1,705	12,111	7.56
Class IV.....	246	141	40.3	16.9	22.6	24.0	690	68,125	17.95	2.60	35	3.5	12.6	18.9	10.2	3,788	5,250	15.91
Class V.....	220	100	21.3	12.0	10.3	9.6	787	35,175	23.29	2.96	30	4.3	10.8	5.9	9.5	1,279	1,700	5.57
Class V.....	192	71	18.3	8.5	5.7	5.1	825	19,721	24.50	2.97	1	0.3	0.4	0.9	0.5	4,000	270	18.00
Class VI.....	92	26	13.5	3.1	2.2	3.2	508	7,205	14.41	2.84	5	0.5	1.8	0.8	0.6	2,500	125	6.25
Other farms.....	850	270	8.4	32.3	4.6	6.6	515	20,950	20.14	3.91	85	3.1	30.7	12.4	12.1	2,103	2,935	7.53
South Carolina, total.....																		
Commercial farms.....	124,188	108,274	65.4	100.0	100.0	100.0	477	36,057,690	11.07	2.32	5,546	2.9	100.0	100.0	100.0	1,740	683,199	4.77
Class I.....	73,130	70,143	71.1	64.8	88.2	85.7	491	31,848,807	11.41	2.32	4,348	3.2	78.4	87.3	87.1	1,744	606,180	4.86
Class II.....	742	692	74.5	0.6	10.7	9.4	542	3,706,966	12.07	2.23	249	5.8	4.5	17.1	16.6	1,786	124,210	5.21
Class III.....	2,220	2,118	72.0	2.0	12.0	11.9	484	4,288,373	11.11	2.29	512	4.8	9.2	18.6	18.0	1,797	133,037	5.17
Class IV.....	6,632	6,409	72.4	5.9	14.2	13.1	517	5,216,574	12.19	2.36	754	3.6	13.6	13.7	14.8	1,609	93,142	4.39
Class V.....	20,731	20,005	73.6	18.5	23.3	21.5	515	8,536,473	12.16	2.36	1,076	2.5	19.4	16.1	16.9	1,656	111,073	4.99
Class V.....	24,483	23,426	69.2	21.6	19.2	19.8	461	6,975,083	10.82	2.34	1,209	2.1	21.8	15.3	14.0	1,913	102,877	5.15
Class VI.....	18,322	17,493	65.0	16.2	8.8	10.0	420	3,125,338	9.62	2.29	548	2.0	9.9	6.5	6.8	1,664	41,841	4.29
Other farms.....	51,058	38,131	43.9	35.2	11.8	14.3	394	4,208,883	9.06	2.30	1,198	1.7	21.6	12.7	12.9	1,717	77,039	4.16
Area 1.....																		
Commercial farms.....	5,400	4,541	55.4	100.0	100.0	100.0	393	911,490	10.36	2.63	414	5.4	100.0	100.0	100.0	1,837	40,558	4.69
Class I.....	1,595	1,533	62.9	33.8	64.4	61.3	413	562,822	10.44	2.52	247	8.4	59.7	82.5	83.2	1,821	35,238	4.90
Class II.....	12	12	51.5	0.3	4.1	2.2	734	33,350	17.37	2.37	6	25.9	1.4	8.2	11.2	1,347	3,440	3.56
Class III.....	24	23	64.8	0.5	5.0	3.2	623	43,150	15.53	2.49	17	9.6	4.1	3.9	4.8	1,506	1,778	4.31
Class IV.....	57	47	50.4	1.0	3.9	4.7	320	32,635	7.82	2.44	30	5.0	7.2	4.5	4.8	1,735	1,835	4.42
Class V.....	210	200	65.0	4.4	14.8	15.4	378	132,852	9.83	2.60	61	11.8	14.7	29.5	28.3	1,914	13,630	5.56
Class V.....	565	544	64.8	12.0	19.7	19.4	399	174,045	10.18	2.55	67	6.9	16.2	22.7	21.1	1,984	9,450	5.19
Class VI.....	727	707	65.1	15.6	17.0	16.4	408	146,790	10.17	2.49	66	5.1	15.9	13.5	13.0	1,911	5,105	4.54
Other farms.....	3,805	3,008	46.6	66.2	35.6	38.7	362	348,668	10.23	2.83	167	2.0	40.3	17.5	16.8	1,912	5,320	3.66
Area 2.....																		
Commercial farms.....	19,411	15,533	57.6	100.0	100.0	100.0	406	4,218,823	9.28	2.28	1,286	4.9	100.0	100.0	100.0	1,593	158,707	4.08
Class I.....	8,273	7,781	67.0	50.1	79.0	77.2	416	3,329,322	9.49	2.28	963	6.1	74.9	82.7	82.3	1,603	136,480	4.27
Class II.....	128	113	72.7	0.7	8.5	7.5	461	357,165	10.48	2.27	43	6.5	3.3	8.6	7.8	1,767	16,028	5.30
Class III.....	413	383	72.6	2.5	12.7	12.1	424	534,685	9.69	2.29	104	7.0	8.1	14.8	13.6	1,736	25,071	4.75
Class IV.....	490	464	68.0	3.0	9.2	8.7	431	380,420	9.66	2.24	158	12.0	12.3	16.5	17.8	1,478	28,496	4.12
Class V.....	1,178	1,073	65.9	6.9	15.2	14.9	416	635,373	9.41	2.26	198	7.6	15.4	16.6	20.1	1,317	23,935	3.07
Class V.....																		

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting use of lime	Acres limed		For lime	Per acre limed		
South Carolina—Continued																		
Areas 5, A, and B.....	12,689	10,869	60.7	100.0	100.0	100.0	434	3,629,619	9.70	2.23	473	2.0	100.0	100.0	100.0	1,984	67,803	5.54
Commercial farms.....	6,302	5,946	66.3	54.7	83.7	81.5	446	3,035,102	9.95	2.23	372	2.3	78.6	87.2	88.0	1,966	60,523	5.61
Class I.....	110	83	66.0	0.8	10.8	9.9	471	367,949	9.88	2.10	25	3.9	5.3	19.3	17.8	2,153	13,604	6.25
Class II.....	231	196	71.2	1.8	11.4	9.9	499	413,436	11.15	2.24	51	4.6	10.8	23.9	19.6	2,422	14,234	5.94
Class III.....	377	350	67.3	3.2	10.6	10.9	419	403,462	9.86	2.35	27	1.4	5.7	8.5	7.0	2,404	5,825	6.80
Class IV.....	1,293	1,242	69.7	11.4	19.4	19.1	439	703,758	9.83	2.24	91	2.3	19.2	14.2	19.1	1,482	12,475	5.34
Class V.....	2,298	2,184	64.6	20.1	21.6	21.3	440	786,857	9.87	2.24	158	2.0	33.4	17.7	19.9	1,765	12,255	5.02
Class VI.....	1,993	1,891	59.7	17.4	10.0	10.3	422	359,640	9.35	2.22	20	0.9	4.2	3.6	4.7	1,526	2,130	3.74
Other farms.....	6,387	4,923	44.2	45.3	16.3	18.5	382	594,517	8.57	2.24	101	0.9	21.4	12.8	12.0	2,115	7,280	4.97
Area 6.....	27,104	25,146	75.6	100.0	100.0	100.0	468	11,825,729	10.59	2.26	1,015	2.4	100.0	100.0	100.0	1,791	184,134	5.19
Commercial farms.....	20,277	19,707	77.3	78.4	94.1	93.1	473	11,127,699	10.70	2.26	912	2.5	89.9	95.7	96.3	1,780	176,144	5.15
Class I.....	287	285	77.6	1.1	16.3	15.0	511	1,919,660	11.50	2.25	109	4.8	10.7	30.4	29.1	1,872	54,683	5.30
Class II.....	814	791	75.2	3.1	17.1	16.9	475	2,021,303	10.73	2.26	198	4.3	19.5	29.9	30.7	1,747	57,548	5.29
Class III.....	1,885	1,859	77.4	7.4	15.5	14.9	485	1,834,119	10.99	2.27	160	2.5	15.8	12.7	14.9	1,529	23,961	4.53
Class IV.....	5,786	5,648	80.3	22.5	21.3	20.7	481	2,516,787	10.88	2.26	148	1.2	14.6	9.6	9.9	1,731	17,165	4.86
Class V.....	7,050	6,819	76.7	27.1	17.5	18.1	451	2,070,050	10.23	2.27	241	1.2	23.7	10.8	9.2	2,085	18,540	5.65
Class VI.....	4,455	4,305	74.4	17.1	6.5	7.6	402	765,780	9.06	2.25	56	0.8	5.5	2.3	2.5	1,692	4,247	4.84
Other farms.....	6,827	5,439	58.8	21.6	5.9	6.9	401	698,030	9.12	2.27	103	1.0	10.1	4.3	3.7	2,053	7,990	6.05
Area 7.....	25,511	23,814	78.7	100.0	100.0	100.0	636	8,157,155	16.14	2.54	858	1.5	100.0	100.0	100.0	1,473	47,690	4.84
Commercial farms.....	22,341	21,478	80.0	90.2	96.2	95.4	641	7,865,960	16.32	2.54	763	1.5	88.9	88.9	88.9	1,473	41,635	4.76
Class I.....	43	43	76.7	0.2	1.2	1.8	431	90,378	9.76	2.27	11	18.9	1.3	23.8	23.2	1,513	7,896	3.46
Class II.....	316	314	77.2	1.3	5.5	6.1	575	479,178	15.67	2.72	31	3.0	3.6	9.5	12.2	1,140	4,512	3.74
Class III.....	3,033	2,937	78.5	12.3	21.5	20.2	679	1,772,170	17.40	2.56	202	1.2	23.5	16.8	15.5	1,591	7,655	5.00
Class IV.....	10,192	9,857	81.9	41.4	43.8	42.7	652	3,528,227	16.36	2.51	318	0.9	37.1	23.5	25.2	1,376	13,357	5.38
Class V.....	6,523	6,203	78.6	26.0	19.1	19.1	637	1,591,285	16.52	2.59	160	0.9	18.6	12.3	10.7	1,705	6,980	6.65
Class VI.....	2,234	2,124	79.9	8.9	5.1	5.6	574	404,722	14.25	2.48	41	0.6	4.8	3.0	2.1	2,098	1,235	6.02
Other farms.....	3,170	2,336	59.4	9.8	3.8	4.6	520	291,195	12.52	2.41	95	2.8	11.1	11.1	11.1	1,477	6,055	5.56
Areas 8 and C.....	13,220	11,366	61.4	100.0	100.0	100.0	576	3,169,570	12.92	2.24	348	2.1	100.0	100.0	100.0	1,859	50,590	5.90
Commercial farms.....	4,925	4,791	64.4	42.2	81.5	78.0	602	2,593,310	13.56	2.25	252	2.5	72.4	87.4	86.3	1,882	45,798	6.18
Class I.....	56	55	69.5	0.5	19.4	10.4	1,067	583,945	22.80	2.14	27	6.2	7.8	25.9	26.6	1,812	16,969	7.44
Class II.....	163	157	65.7	1.4	13.1	11.6	651	386,866	13.62	2.09	27	2.4	7.8	13.8	12.0	2,126	5,925	5.73
Class III.....	327	321	63.5	2.8	13.1	12.9	585	418,347	13.20	2.26	54	3.9	15.5	20.9	22.8	1,702	8,493	4.34
Class IV.....	748	738	66.5	6.5	12.1	13.6	513	411,653	12.38	2.41	45	1.6	12.9	10.6	9.1	2,177	5,616	7.20
Class V.....	1,582	1,506	61.2	13.3	14.6	17.2	489	490,927	11.67	2.38	57	1.3	16.4	12.3	10.4	2,190	7,155	7.99
Class VI.....	2,049	2,014	62.7	17.7	9.3	12.3	436	301,572	9.99	2.29	42	1.0	12.1	3.9	5.4	1,538	1,640	3.57
Other farms.....	8,295	6,575	52.6	57.8	18.5	22.0	484	576,260	10.66	2.21	96	1.1	27.6	12.6	13.7	1,711	4,792	4.08
South Dakota, total.....	62,350	10,464	2.8	100.0	100.0	100.0	140	3,211,190	5.83	4.17	112	(Z)	100.0	100.0	100.0	1,267	2,731	2.73
Commercial farms.....	59,796	10,359	2.8	99.0	99.2	99.4	140	3,191,349	5.83	4.18	111	(Z)	99.1	95.3	88.0	1,371	2,631	2.99
Class I.....	1,494	545	4.7	5.2	14.2	13.0	154	484,059	6.78	4.42	1	(Z)	0.9	0.2	0.1	2,000	15	15.00
Class II.....	9,585	2,958	3.8	28.3	35.8	36.1	139	1,166,693	5.87	4.23	16	(Z)	14.3	8.7	5.5	2,000	323	5.87
Class III.....	20,871	4,176	2.6	39.9	33.1	33.2	139	1,029,163	5.63	4.04	48	(Z)	42.9	33.3	36.1	1,169	855	2.37
Class IV.....	17,504	2,005	1.7	19.2	11.7	12.9	126	369,500	5.19	4.12	40	(Z)	35.7	37.1	36.0	1,306	930	2.58
Class V.....	7,602	545	1.4	5.2	3.4	3.3	141	108,044	5.89	4.18	6	(Z)	5.4	16.1	10.4	1,962	508	4.88
Class VI.....	2,740	130	1.9	1.2	1.1	0.9	160	33,890	6.69	4.17	...	...	...	...	...	...	...	...
Other farms.....	2,554	105	2.4	1.0	0.8	0.6	182	19,841	6.10	3.35	1	0.1	0.9	4.7	12.0	500	100	0.83
Area 1.....	9,858	420	0.4	100.0	100.0	100.0	181	140,986	8.07	4.46	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Commercial farms.....	9,210	372	0.4	88.6	97.3	97.2	181	137,779	8.12	4.48	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Class I.....	481	41	0.5	9.8	14.0	17.6	144	21,027	6.84	4.76	...	...	...	...	...	...	...	...
Class II.....	1,844	147	0.6	35.0	40.9	42.7	173	58,269	7.81	4.51	...	...	...	...	...	...	...	...
Class III.....	2,568	98	0.3	23.3	22.6	18.8	217	28,355	8.62	3.97	1	(Z)	50.0	83.3	55.6	4,000	50	10.00
Class IV.....	2,213	43	0.3	10.2	9.6	10.3	169	15,278	8.51	5.03	...	...	...	...	...	...	...	...
Class V.....	1,395	33	0.5	7.9	10.1	7.5	243	14,640	11.13	4.58	1	(Z)	50.0	16.7	44.4	1,000	8	2.00
Class VI.....	709	10	(Z)	2.4	0.1	0.2	100	210	5.25	5.25	...	...	...	...	...	...	...	...
Other farms.....	648	48	1.0	11.4	2.7	2.8	170	3,207	6.48	3.82	...	...	...	...	...	...	...	...
Area 2a.....	6,737	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Commercial farms.....	6,554	209	0.4	100.0	1													

USE OF FERTILIZER AND LIME

Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cent. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
South Dakota—Continued																		
Area 3b.....	10,335	1,680	3.2	100.0	100.0	100.0	132	475,271	6.04	4.56	36	(2)	100.0	100.0	100.0	1,587	795	2.52
Commercial farms.....	9,930	1,677	3.2	99.8	98.9	99.2	132	470,677	6.03	4.57	35	(2)	97.2	88.0	61.9	2,256	695	3.56
Class I.....	85	25	5.8	1.5	5.3	5.8	120	26,980	5.86	4.91	...	...	...	...	...	...	...	...
Class II.....	1,490	526	4.6	31.3	31.6	34.1	123	161,308	6.01	4.90	15	(2)	41.7	6.0	4.8	2,000	95	6.33
Class III.....	4,142	794	2.7	47.3	39.2	38.2	136	178,750	5.94	4.37	10	(2)	27.8	44.0	38.1	1,833	295	2.46
Class IV.....	2,840	282	2.4	16.8	17.1	16.3	139	76,874	6.00	4.32	10	(2)	27.8	38.0	19.0	3,167	305	5.08
Class V.....	1,058	40	1.0	2.4	1.6	1.7	124	8,215	6.06	4.89	...	...	...	...	...	...	...	...
Class VI.....	315	10	10.7	0.6	4.1	3.0	181	18,550	7.81	4.31	...	...	...	...	...	...	...	...
Other farms.....	405	3	3.5	0.2	1.1	0.8	184	4,594	7.54	4.10	1	0.7	2.8	12.0	38.1	500	100	0.83
Area 4a.....	9,700	2,296	4.6	100.0	100.0	100.0	135	563,542	5.12	3.79	15	(2)	100.0	100.0	100.0	400	195	1.30
Commercial farms.....	9,394	2,280	4.5	99.3	99.2	99.2	135	558,877	5.11	3.78	15	(2)	100.0	100.0	100.0	400	195	1.30
Class I.....	70	49	15.8	2.1	8.5	7.2	159	47,615	6.00	3.77	...	...	...	...	...	...	...	...
Class II.....	970	479	8.6	20.9	30.7	32.0	129	176,642	5.01	3.87	...	...	...	...	...	...	...	...
Class III.....	3,492	1,039	4.2	45.3	41.7	40.0	141	233,309	5.30	3.76	5	(2)	33.3	33.3	66.7	200	90	0.90
Class IV.....	3,265	538	2.3	23.4	12.8	14.7	118	71,181	4.40	3.73	10	(2)	66.7	66.7	33.3	800	105	2.10
Class V.....	1,212	175	3.4	7.6	5.5	5.3	139	30,130	5.13	3.69	...	...	...	...	...	...	...	...
Class VI.....	385	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms.....	306	16	9.4	0.7	0.8	0.8	130	4,665	5.43	4.17	...	...	...	...	...	...	...	...
Area 4b.....	12,349	4,604	11.3	100.0	100.0	100.0	155	1,647,253	6.43	4.15	40	(2)	100.0	100.0	100.0	1,500	1,040	4.00
Commercial farms.....	11,846	4,576	11.3	99.4	99.3	99.5	155	1,640,028	6.43	4.16	40	(2)	100.0	100.0	100.0	1,500	1,040	4.00
Class I.....	412	303	23.7	6.6	16.9	14.6	180	300,031	8.03	4.46	...	...	...	...	...	...	...	...
Class II.....	2,282	1,391	16.5	30.2	39.1	39.5	154	648,235	6.41	4.18	...	...	...	...	...	...	...	...
Class III.....	4,422	1,717	8.7	37.3	30.1	30.5	153	478,177	6.12	4.00	25	(2)	62.5	17.9	26.9	1,000	180	2.57
Class IV.....	2,910	820	6.4	17.8	9.6	11.0	135	153,215	5.43	4.02	10	(2)	25.0	30.8	34.6	1,333	360	4.00
Class V.....	1,260	255	6.4	5.5	2.8	3.2	134	48,530	5.84	4.35	5	0.1	12.5	51.3	38.5	2,000	500	5.00
Class VI.....	560	90	7.0	2.0	0.7	0.7	160	11,840	6.49	4.05	...	...	...	...	...	...	...	...
Other farms.....	503	28	8.9	0.6	0.7	0.5	223	7,225	5.75	2.58	...	...	...	...	...	...	...	...
Tennessee, total.....	203,385	153,055	34.7	100.0	100.0	100.0	330	26,797,255	8.31	2.52	10,330	1.6	100.0	100.0	100.0	3,221	769,764	5.33
Commercial farms.....	124,468	107,945	36.9	70.5	87.7	88.6	327	23,737,892	8.31	2.55	8,153	1.6	78.9	86.2	86.9	3,195	667,035	5.32
Class I.....	609	554	42.8	0.4	4.6	4.1	371	1,398,914	10.70	2.88	147	4.3	1.4	5.3	9.1	1,882	49,352	3.76
Class II.....	2,782	2,523	39.2	1.6	7.8	8.1	319	2,154,499	8.25	2.58	573	2.7	5.5	13.5	12.7	3,432	110,409	6.03
Class III.....	9,376	8,641	39.7	5.6	14.8	15.3	318	4,184,206	8.45	2.66	1,261	2.0	12.2	17.0	17.1	3,202	122,769	4.98
Class IV.....	25,945	23,914	39.9	15.6	24.1	24.7	322	6,544,474	8.23	2.56	2,270	1.6	22.0	22.4	21.9	3,297	177,599	5.63
Class V.....	46,618	41,239	35.7	26.9	24.9	24.7	333	6,545,809	8.23	2.47	2,670	1.2	25.8	19.9	18.2	3,531	143,041	5.46
Class VI.....	39,138	31,074	29.3	20.3	11.5	11.7	324	2,909,990	7.68	2.38	1,232	0.9	11.9	8.1	8.1	3,245	64,065	5.49
Other farms.....	78,917	45,110	23.5	29.5	12.3	11.4	353	3,059,363	8.29	2.35	2,177	1.2	21.1	13.8	13.0	3,409	102,729	5.45
Areas 1 and A.....	40,569	33,357	38.2	100.0	100.0	100.0	311	7,597,585	9.20	2.96	1,027	1.1	100.0	100.0	100.0	2,615	150,195	6.48
Commercial farms.....	33,233	29,846	39.3	89.5	95.8	95.6	312	7,283,419	9.23	2.96	921	1.1	89.7	94.8	94.8	2,614	141,885	6.46
Class I.....	261	238	37.7	0.7	8.2	7.2	356	681,648	11.53	3.24	54	3.3	5.3	17.0	22.1	2,016	26,040	5.10
Class II.....	995	866	35.0	2.6	11.0	10.7	322	806,542	9.17	2.85	150	2.1	14.6	26.4	22.8	3,024	41,464	7.84
Class III.....	3,273	3,054	37.9	9.2	18.1	18.1	311	1,405,161	9.39	3.02	183	1.2	17.8	20.4	20.1	2,658	27,086	5.81
Class IV.....	8,944	8,282	42.5	24.8	27.1	28.3	298	2,078,821	8.91	2.99	332	1.0	32.3	21.6	22.6	2,489	34,950	6.66
Class V.....	13,268	12,131	42.5	36.4	24.1	24.2	309	1,788,590	8.95	2.89	142	0.3	13.8	8.0	5.7	3,665	10,140	7.71
Class VI.....	6,492	5,275	31.7	15.8	7.2	7.2	314	522,657	8.83	2.81	60	0.2	5.8	1.4	1.5	2,493	2,205	6.39
Other farms.....	7,336	3,511	24.2	10.5	4.2	4.4	297	314,166	8.65	2.91	106	0.8	10.3	5.2	5.2	2,633	8,310	6.92
Area 2.....	19,672	15,107	38.7	100.0	100.0	100.0	286	2,897,586	7.38	2.58	898	1.4	100.0	100.0	100.0	2,927	83,081	5.82
Commercial farms.....	12,808	11,733	41.7	77.7	90.4	90.6	285	2,628,384	7.39	2.59	762	1.5	84.9	90.6	90.2	2,940	73,961	5.74
Class I.....	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Class II.....	175	174	47.3	1.2	5.2	5.9	256	154,530	6.73	2.62	26	4.4	2.9	6.4	14.9	1,267	4,910	2.31
Class III.....	869	843	48.4	5.6	13.9	13.8	288	417,224	7.70	2.67	128	1.4	14.3	14.8	11.3	3,835	8,966	5.55
Class IV.....	3,040	2,933	44.8	19.4	30.6	29.4	298	900,105	7.80	2.62	286	2.2	31.8	45.0	38.8	3,397	37,210	6.72
Class V.....	4,850	4,530	40.3	30.0	28.3	28.4	285	807,803	7.24	2.54	257	1.0	28.6	20.0	19.3	3,038	16,470	5.98
Class VI.....	3,868	3,253	33.3	21.5	12.3	13.1	268	348,722	6.80	2.53	65	0.6	7.2	4.4	6.0	2,129	6,405	7.49
Other farms.....	6,864	3,374	22.8	22.3	9.6	9.4	291	269,202	7.27	2.50	136	0.9	15.1	9.4	9.8	2,809	9,120	6.54
Area 3.....	11,976	8,808	38.6	100.0	100.0	100.0	279	1,555,858	6.47	2.32	691	1.3	100.0	100.0	100.0	3,193	41,367	5.09
Commercial farms.....	6,547	5,791	42.1	65.7	85.5	84.6	282	1,334,438	6.56	2.33	569	1.5	82.3	85.8	87.0	3,150	35,633	5.04
Class I.....	6	6	67.3	0.1	1.5	1.3	321	25,590	8.16	2.54	1	2.8	0.1	1.4	1.6	2,769	612	4.71
Class II.....	74	74	50.7	0.8	4.2	4.9	244	66,067	5.66	2.32	12	3.0	1.7	10.5	8.4			

CENSUS OF 1954—Continued

Z Less than 0.05.

**Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued**

State, economic area, and economic class of farm	Total number of farms	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			Lime used	Acres limed	For lime		Per acre limed		
Texas—Continued																			
Area 4.....	12,202	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	
Commercial farms.....	11,042	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	
Class I.....	3,057	1,151	7.7	50.5	72.9	68.2	175	1,486,321	7.09	4.05	...	...	...	...	...	...	...	...	
Class II.....	3,680	790	4.0	34.6	22.0	24.7	146	500,429	6.59	4.51	6	(2)	100.0	100.0	100.0	3,273	1,380	6.27	
Class III.....	2,039	210	1.5	9.2	3.5	4.8	121	66,928	4.58	3.79	...	...	...	...	...	...	...	...	
Class IV.....	1,367	81	0.9	3.6	1.0	1.2	133	18,171	4.83	3.63	...	...	...	...	...	...	...	...	
Class V.....	666	49	2.1	2.1	0.5	1.1	77	12,795	3.86	5.04	...	...	...	...	...	...	...	...	
Class VI.....	233	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Other farms.....	1,160	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Area 5.....	12,991	1,457	2.5	100.0	100.0	100.0	277	1,046,616	9.39	3.39	6	(2)	100.0	100.0	100.0	2,000	300	6.00	
Commercial farms.....	11,967	1,421	2.6	97.5	99.8	99.8	277	1,044,656	9.39	3.39	6	(2)	100.0	100.0	100.0	2,000	300	6.00	
Class I.....	2,897	686	4.1	47.1	75.0	69.7	298	771,753	9.94	3.34	1	(2)	16.7	80.0	80.0	2,000	270	6.75	
Class II.....	4,820	537	1.8	36.9	20.3	26.0	216	229,758	7.93	3.67	5	(2)	83.3	20.0	20.0	2,000	30	3.00	
Class III.....	2,084	120	0.7	8.2	3.5	3.1	314	32,870	9.56	3.04	...	...	...	...	...	...	...	...	
Class IV.....	1,248	41	0.3	2.8	0.7	0.7	272	7,135	9.51	3.50	...	...	...	...	...	...	...	...	
Class V.....	732	27	0.3	1.9	0.3	0.3	239	2,660	6.91	2.89	...	...	...	...	...	...	...	...	
Class VI.....	186	10	0.3	0.7	0.1	(2)	571	480	13.71	2.40	...	...	...	...	...	...	...	...	
Other farms.....	1,024	36	0.4	2.5	0.2	0.2	286	1,960	9.33	3.27	...	...	...	...	...	...	...	...	
Area 6a.....	23,042	1,446	2.0	100.0	100.0	100.0	121	395,850	3.63	3.00	...	...	...	...	...	...	...	...	
Commercial farms.....	18,775	1,340	2.0	92.7	97.5	98.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...	
Class I.....	570	96	1.7	6.6	16.3	10.9	181	67,659	5.69	3.15	...	...	...	...	...	...	...	...	
Class II.....	2,893	278	2.5	19.2	28.6	30.9	112	111,733	3.32	2.96	...	...	...	...	...	...	...	...	
Class III.....	4,969	443	2.4	30.6	27.1	32.1	102	107,469	3.07	3.01	...	...	...	...	...	...	...	...	
Class IV.....	5,553	312	1.5	21.6	17.8	14.6	147	67,364	4.22	2.86	...	...	...	...	...	...	...	...	
Class V.....	3,537	166	1.8	11.5	5.9	8.0	90	23,135	2.67	2.97	...	...	...	...	...	...	...	...	
Class VI.....	1,253	45	1.5	3.1	1.8	1.5	140	8,980	5.33	3.81	...	...	...	...	...	...	...	...	
Other farms.....	4,267	106	1.1	7.3	2.5	2.0	151	9,510	4.43	2.94	...	...	...	...	...	...	...	...	
Area 6b.....	4,580	599	3.9	100.0	100.0	100.0	151	137,720	4.08	2.70	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70	
Commercial farms.....	3,198	479	3.9	85.7	92.4	94.1	148	124,520	3.92	2.65	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70	
Class I.....	98	20	4.3	3.6	24.2	27.3	134	42,113	4.57	3.41	1	0.3	100.0	100.0	100.0	2,143	2,587	3.70	
Class II.....	358	87	4.9	15.6	23.8	22.9	157	26,504	3.43	2.19	...	...	...	...	...	...	...	...	
Class III.....	568	114	3.9	20.4	21.0	19.3	164	25,357	3.89	2.37	...	...	...	...	...	...	...	...	
Class IV.....	765	80	2.3	14.3	8.0	9.8	123	11,640	3.54	2.87	...	...	...	...	...	...	...	...	
Class V.....	993	108	3.4	19.3	10.0	10.3	146	11,746	3.37	2.31	...	...	...	...	...	...	...	...	
Class VI.....	416	70	5.7	12.5	5.4	4.4	185	7,160	4.81	2.59	...	...	...	...	...	...	...	...	
Other farms.....	1,382	80	3.6	14.3	7.6	5.9	194	13,200	6.60	3.40	...	...	...	...	...	...	...	...	
Area 7a.....	14,199	4,493	19.8	100.0	100.0	100.0	139	863,870	3.57	2.57	35	0.1	100.0	100.0	100.0	1,226	2,260	3.65	
Commercial farms.....	7,924	3,537	21.8	78.7	90.4	91.0	138	781,990	3.55	2.57	25	(2)	71.4	42.1	70.2	736	1,010	2.32	
Class I.....	148	70	10.6	1.6	3.3	3.3	140	35,247	4.47	3.20	...	...	...	...	...	...	...	...	
Class II.....	633	313	15.6	7.0	9.5	10.0	133	83,141	3.44	2.59	5	0.1	14.3	2.6	20.2	160	150	1.20	
Class III.....	1,290	636	25.0	14.2	21.7	21.6	140	198,619	3.79	2.72	...	...	...	...	...	...	...	...	
Class IV.....	1,583	801	24.7	17.8	24.2	23.8	142	200,027	3.47	2.45	10	0.1	28.6	34.2	24.2	1,733	505	3.37	
Class V.....	2,478	1,092	23.5	24.3	21.2	22.5	131	180,556	3.31	2.53	10	0.1	28.6	5.3	25.8	250	355	2.22	
Class VI.....	1,792	625	22.5	13.9	10.4	9.9	147	84,400	3.54	2.40	...	...	...	...	...	...	...	...	
Other farms.....	6,275	956	10.1	21.3	9.6	9.0	149	81,880	3.76	2.52	10	0.1	28.6	57.9	29.8	2,378	1,250	6.76	
Areas 7b and B.....	9,411	2,372	10.8	100.0	100.0	100.0	169	432,698	4.83	2.85	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81	
Commercial farms.....	4,953	1,626	10.7	68.5	87.8	88.5	168	384,967	4.85	2.89	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81	
Class I.....	160	79	12.1	3.3	11.6	10.8	182	45,011	4.65	2.56	...	...	...	...	...	...	...	...	
Class II.....	790	346	12.5	14.6	26.8	28.9	157	129,774	5.01	3.19	6	(2)	19.4	13.1	17.0	1,319	220	2.34	
Class III.....	972	343	9.1	14.5	17.9	17.0	177	76,305	5.00	2.82	10	0.1	32.3	18.0	19.9	1,545	380	3.45	
Class IV.....	1,126	367	10.4	15.5	15.8	17.3	155	72,422	4.66	3.01	5	0.1	16.1	53.0	27.1	3,333	1,500	10.00	
Class V.....	1,262	351	9.9	14.8	11.4	11.4	169	44,500	4.35	2.57	5	0.1	16.1	14.8	27.1	933	540	3.60	
Class VI.....	643	140	8.5	5.9	4.3	3.0	244	16,955	6.33	2.59	5	0.2	16.1	1.1	9.0	200	25	0.50	
Other farms.....	4,458	746	11.0	31.5	12.2	11.5	180	47,731	4.62	2.57	...	...	...	...	...	...	...	...	
Area 7c.....	7,203	832	4.3	100.0	100.0	100.0	127	125,238	3.85	3.02	15	(2)	100.0	100.0	100.0	684	760	4.00	
Commercial farms.....	5,228	730	4.4	87.7	90.7	92.9	124	116,081	3.84	3.09	5	(2)	33.3	15.4	39.5	267	225	3.00	
Class I.....	56	19	3.1	2.3	5.3	4.5	150	7,785	5.34	3.57	...	...	...	...	...	...	...	...	
Class II.....	293	111	8.3	13.3	23.1	21.8	135	33,859	4.78	3.53	...	...	...	...	...	...	...	...	
Class III.....	602	123	4.6	14.8	16.4	16.8	125	21,011	3.84	3.08	...	...	...	...	...	...	...	...	
Class IV.....	1,442	234	4.8	28.1	24.7	30.1	104	31,998	3.26	3.12	...	...	...	...	...	...	...	...	
Class V.....	1,834	163	2.3	19.6	13.9	12.1	146	12,858	3.27	2.23	...	...	...	...	...	...	...	...	
Class VI.....	1,001	80	3.9	9.6	7.3	7.7	121	8,570	3.42	2.82	5	0.1	33.3	15.4	39.5	267	225	3.00	
Other farms.....	1,975	102	3.2	12.3	9.3	7.1	167	9,157	3.99	2.38	10	0.2	66.7	84.6	60.5	957	535	4.65	
Areas 8, C, D, and E...	48,021	11,098	9.3	100.0	100.0	100.0	189	2,434,496	4.92	2.61	208	0.1	100.0	100.0	100.0	1,210	21,264	3.49	
Commercial farms.....	33,156	9,369	9.5	84.4	93.3	94.4	187	2,291,227	4.91	2.63	173	0.1	83.2	97.6	95.6	1,235	20,554	3.53	
Class I.....	481	243	13.0	2.2	10.0	10.4	183	306,775	5.98	3.27	8	0.1	3.8	4.9	6.9	857	1,305	3.11	
Class II.....	2,645	1,036	9.9	9.3	16.4	19.0	163	423,876	5.11	2.76	40	0.2	19.2	22.1	24.9	1,071	6,890	4.53	
Class III.....	6,077	2,223	9.4	20.0	25.6	24.6	196	634,608	5.22	2.66	37	0.1	17.8	23.2	18.6	1,508	3,764	3.32	
Class IV.....	9,726	2,657	8.5	23.9	21.5	21.5	189	514,648	4.84	2.56	47	0.1	22.6	37.3	24.4	1,846	5,955	4.00	
Class V.....	9,634	2,273	9.1	20.5	15.3	14.6	198	315,079	4.35	2.20	30	0.1	14.4	7.5	11.6	775	1,615	2.25	
Class VI.....	4,593	937	9.5	8.4	4.5	4.3	198	96,241	4.57	2.31	11	0.2	5.3	2.7	9.1	360	1,025	1.87	
Other farms.....	14,865	1,729	7.2	15.6	6.7	5.6	224	143,269	5.14	2.29	35	0.1	16.8	2.4	4.4	667	710	2.63	
Area 9.....	13,921	6,785	26.3	100.0	100.0	100.0	215	1,692,136	5.64	2.62	86	0.4	100.0	100.0	100.0	1,176	13,057	2.64	
Commercial farms.....	7,641	4,686	27.2	69.1	87.8	87.9	215	1,500,278	5.68	2.65	71	0.5	82.6	97.1	97.0	1,178	12,542	2.62	
Class I.....	174	131	21.6	1.9	11.1	12.0	199	212,514	5.90	2.97	9	0.2	10.5	15.5	8.0	2,278	2,445	6.19	
Class II.....	430	310	27.2	4.6	14.7	13.9	227	262,020	6.29	2.77	21	0.7	24.4	38.8	23.0	1,984	4,588	4.04	
Class III.....	727	496	29.6	7.3	15.0	14.1	229	254,115	6.01										

Z Less than 0.05.

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer						Lime										
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—		Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—		Quantity used per acre limed (lb.)	Expenditures (dollars)			
				Farms reporting fertilizer	Fertilizer used		Acres fertilized	For fertilizer	Per acre fertilized			Per cwt. of fertilizer used	Farms reporting lime		Lime used	Acres limed	For lime	Per acre limed
Texas—Continued																		
Area 10.....	15,413	5,478	18.2	100.0	100.0	100.0	203	890,573	5.18	2.56	37	(2)	100.0	100.0	100.0	937	1,492	3.78
Commercial farms.....	10,561	4,615	19.1	84.2	92.5	93.4	201	829,989	5.17	2.58	37	(2)	100.0	100.0	100.0	937	1,492	3.78
Class I.....	156	68	31.2	1.2	8.2	8.5	195	96,326	6.58	3.37	...	...	...	...	...	...	...	...
Class II.....	570	280	22.8	5.1	14.2	13.6	212	137,547	5.88	2.78	...	...	...	...	...	...	...	...
Class III.....	945	531	23.7	9.7	17.7	19.9	180	185,827	5.43	3.02	1	(2)	2.7	18.9	8.9	2,000	122	3.49
Class IV.....	2,564	1,369	17.8	25.0	23.5	24.1	197	185,637	4.48	2.27	15	0.1	40.5	43.2	63.3	640	920	3.68
Class V.....	3,616	1,624	15.4	29.6	22.5	19.8	230	172,782	5.07	2.20	21	(2)	56.8	37.8	27.8	1,273	450	4.09
Class VI.....	2,710	743	13.4	13.6	6.4	7.4	175	51,870	4.08	2.32	...	...	...	...	...	...	...	...
Other farms.....	4,852	863	11.3	15.8	7.5	6.6	230	60,584	5.33	2.32	...	...	...	...	...	...	...	...
Areas 11 and F.....																		
Area 11.....	15,723	4,288	10.7	100.0	100.0	100.0	147	1,185,745	4.40	3.00	11	(2)	100.0	100.0	100.0	959	227	1.88
Commercial farms.....	10,842	3,670	10.8	85.6	94.8	94.6	147	1,125,579	4.42	3.00	11	(2)	100.0	100.0	100.0	959	227	1.88
Class I.....	915	239	6.0	5.6	19.3	17.1	166	283,678	6.16	3.72	1	(2)	9.1	5.2	5.0	1,000	12	2.00
Class II.....	1,621	464	9.8	10.8	17.3	17.8	142	211,054	4.40	3.09	...	...	...	...	...	...	...	...
Class III.....	1,775	762	15.0	17.8	20.1	21.7	136	227,789	3.90	2.87	...	...	...	...	...	...	...	...
Class IV.....	2,414	999	16.5	23.3	21.9	21.8	148	224,853	3.83	2.59	10	(2)	90.9	94.8	95.0	957	215	1.87
Class V.....	2,567	814	13.0	19.0	11.9	11.9	147	134,480	4.20	2.86	...	...	...	...	...	...	...	...
Class VI.....	1,550	392	10.9	9.1	4.4	4.2	151	43,725	3.83	2.54	...	...	...	...	...	...	...	...
Other farms.....	4,881	618	8.6	14.4	5.2	5.4	140	60,166	4.10	2.93	...	...	...	...	...	...	...	...
Area 12.....																		
Area 12.....	49,123	28,291	27.9	100.0	100.0	100.0	268	5,191,088	6.45	2.40	687	0.7	100.0	100.0	100.0	2,008	113,583	5.38
Commercial farms.....	18,371	14,344	32.8	50.7	79.0	80.1	265	4,150,200	6.44	2.43	529	0.9	77.0	89.8	88.1	2,045	102,603	5.52
Class I.....	301	222	41.3	0.8	6.6	7.8	227	377,348	6.05	2.66	22	3.0	3.2	22.9	21.2	2,175	30,247	6.78
Class II.....	1,300	961	35.8	3.4	12.4	11.6	287	693,170	7.45	2.60	91	1.4	13.2	18.3	17.6	2,095	22,384	6.04
Class III.....	2,158	1,677	33.8	5.9	13.5	13.8	263	706,650	6.36	2.42	102	0.7	14.8	9.9	10.9	1,834	10,789	4.71
Class IV.....	2,739	2,232	30.9	7.9	15.3	15.6	263	803,770	6.42	2.44	117	1.0	17.0	19.6	19.3	2,043	19,231	4.73
Class V.....	5,051	4,003	32.3	14.1	18.6	18.3	272	934,847	6.33	2.33	131	0.6	19.1	14.5	12.5	2,335	15,858	6.01
Class VI.....	6,822	5,249	28.9	18.6	12.6	13.0	261	634,415	6.06	2.32	66	0.4	9.6	4.4	6.8	1,319	4,094	4.87
Other farms.....	30,752	13,947	17.5	49.3	21.0	19.9	284	1,040,888	6.50	2.29	158	0.3	23.0	10.2	11.9	1,730	10,980	2.38
Area 13.....																		
Area 13.....	14,795	6,697	25.4	100.0	100.0	100.0	255	839,754	6.64	2.61	262	1.0	100.0	100.0	100.0	2,174	27,626	5.63
Commercial farms.....	3,830	2,509	28.5	37.5	70.2	72.0	249	602,220	6.62	2.66	171	1.1	65.3	69.4	70.1	2,152	19,486	5.67
Class I.....	60	45	25.8	0.7	4.6	5.1	231	37,046	5.78	2.50	3	0.4	1.1	6.1	2.2	5,909	910	8.27
Class II.....	283	181	29.4	2.7	11.3	11.7	247	113,929	7.72	3.12	24	1.2	9.2	11.4	12.3	2,000	4,225	6.98
Class III.....	508	323	26.8	4.8	11.4	10.8	268	99,668	7.27	2.72	30	1.6	11.5	17.4	16.4	2,316	5,074	6.32
Class IV.....	565	381	29.6	5.7	14.5	15.4	239	120,560	6.19	2.59	43	1.3	16.4	17.2	17.4	2,150	4,212	4.95
Class V.....	1,127	765	29.1	11.4	17.6	18.4	244	146,431	6.29	2.58	61	1.2	23.3	15.9	19.1	1,818	4,720	5.05
Class VI.....	1,287	814	27.9	12.2	10.9	10.6	262	84,586	6.32	2.42	10	0.3	3.8	1.4	2.8	1,111	345	2.56
Other farms.....	10,965	4,188	19.8	62.5	29.8	28.0	271	237,534	6.70	2.48	91	0.8	34.7	30.6	29.9	2,225	8,140	5.56
Areas 14, G, and H....																		
Area 14.....	23,386	7,841	31.3	100.0	100.0	100.0	219	7,209,788	8.29	3.78	171	0.2	100.0	100.0	100.0	1,892	32,057	5.15
Commercial farms.....	13,310	6,243	32.5	79.6	96.4	96.2	220	6,984,178	8.35	3.80	136	0.2	79.5	95.0	90.0	1,998	30,822	5.51
Class I.....	1,551	1,424	43.7	18.0	68.0	68.4	218	5,151,015	8.65	3.97	13	0.1	7.6	11.9	11.8	1,905	4,380	5.98
Class II.....	1,622	994	24.0	12.7	11.7	11.8	218	808,628	7.88	3.61	28	0.2	16.4	16.8	15.4	2,062	5,970	6.22
Class III.....	2,431	1,146	20.4	14.6	7.0	7.0	220	476,607	7.82	3.55	21	0.2	12.3	8.8	7.7	2,167	1,630	3.40
Class IV.....	2,880	1,120	17.3	14.3	5.2	4.8	239	303,424	7.29	3.05	42	0.7	24.6	28.2	28.7	1,860	8,467	4.74
Class V.....	2,613	966	16.9	12.3	3.1	3.0	228	177,553	6.77	2.97	31	1.0	18.1	28.6	25.2	2,153	10,270	6.56
Class VI.....	2,213	603	11.8	7.7	1.3	1.2	238	66,951	6.55	2.76	1	0.1	0.6	0.6	1.1	986	105	1.48
Other farms.....	10,076	1,598	16.1	20.4	3.6	3.8	208	225,610	6.79	3.27	35	0.3	20.5	5.0	10.0	944	1,235	1.98
Area 15.....																		
Area 15.....	7,779	3,545	24.0	100.0	100.0	100.0	265	2,739,514	10.08	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Commercial farms.....	6,286	3,145	24.2	88.7	98.0	98.7	263	2,685,654	10.01	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Class I.....	1,067	728	26.5	20.5	60.7	59.5	270	1,685,139	10.43	3.86	16	0.2	76.2	91.1	95.2	1,540	6,020	6.02
Class II.....	1,491	845	25.1	23.8	23.2	25.8	238	641,350	9.14	3.84	...	...	...	...	...	...	...	...
Class III.....	1,289	662	18.3	18.7	8.4	8.7	256	207,565	8.80	3.43	5	(2)	23.8	8.9	4.8	3,000	670	13.40
Class IV.....	1,071	435	15.0	12.3	3.4	2.8	323	90,290	11.88	3.68	...	...	...	...	...	...	...	...
Class V.....	927	325	13.6	9.2	1.5	1.5	277	40,295	10.16	3.66	...	...	...	...	...	...	...	...
Class VI.....	441	150	14.4	4.2	0.8	0.5	416	21,015	15.23	3.66	...	...	...	...	...	...	...	...
Other farms.....	1,493	400	13.4	11.3	2.0	1.3	416	53,860	15.66	3.76	...	...	...	...	...	...	...	...
Utah, total.....																		
Utah, total.....	23,008	6,530	7.1	100.0	100.0	100.0	257	1,565,902	9.40	3.65	41	(2)	100.0	100.0	100.0	1,049	773	2.01
Commercial farms.....	15,115	5,650	7.4	86.5	96.5	96.3	258	1,514,992	9.45	3.66	41	(2)	100.0	100.0	100.0	1,049	773	2.01
Class I.....	841	387	8.4	5.9	23.5	20.4	296	376,690	11.07	3.73	6	(2)	14.6	5.9	18.2			

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per owt. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed			
Utah—Continued																			
Area 3.....	7,372	1,648	4.6	100.0	100.0	100.0	259	399,941	8.88	3.43	5	(2)	100.0	100.0	100.0	500	185	2.31	
Commercial farms.....	4,918	1,402	4.8	85.1	95.6	95.0	260	382,345	8.94	3.43	5	(2)	100.0	100.0	100.0	500	185	2.31	
Class I.....	204	78	7.2	4.7	25.0	20.0	323	107,822	11.96	3.70	...	...	...	...	...	...	...	...	
Class II.....	711	283	5.2	17.2	25.9	26.7	251	109,399	9.11	3.62	...	...	...	...	...	...	...	...	
Class III.....	1,022	372	4.8	22.6	21.9	22.2	255	74,214	7.42	2.91	5	(2)	100.0	100.0	100.0	500	185	2.31	
Class IV.....	1,379	392	4.1	23.8	15.8	17.9	229	61,695	7.66	3.35	...	...	...	...	...	...	...	...	
Class V.....	1,202	235	3.1	14.3	5.9	7.1	215	24,344	7.65	3.56	...	...	...	...	...	...	...	...	
Class VI.....	400	42	2.4	2.5	1.2	1.2	260	4,871	9.30	3.58	...	...	...	...	...	...	...	...	
Other farms.....	2,454	246	2.3	14.9	4.4	5.0	227	17,596	7.86	3.46	...	...	...	...	...	...	...	...	
Vermont, total.....	15,999	8,264	18.9	100.0	100.0	100.0	432	2,202,296	10.41	2.41	4,433	5.1	100.0	100.0	100.0	2,324	312,879	5.44	
Commercial farms.....	11,896	7,498	19.7	90.7	96.8	97.0	431	2,129,877	10.38	2.41	4,114	5.3	92.8	96.2	95.8	2,334	298,552	5.42	
Class I.....	379	312	39.3	3.8	17.8	15.4	499	415,948	12.75	2.55	178	7.8	4.0	10.9	11.3	2,254	39,476	6.08	
Class II.....	2,011	1,765	26.7	21.4	36.2	36.1	433	788,667	10.31	2.38	1,073	6.1	24.2	32.8	30.5	2,503	106,336	6.06	
Class III.....	4,042	2,957	18.5	35.8	29.6	31.8	401	645,268	9.58	2.39	1,644	5.3	37.1	32.6	33.6	2,256	93,161	4.82	
Class IV.....	2,951	1,595	10.2	19.3	8.9	9.3	413	191,090	9.71	2.35	816	3.9	18.4	12.5	13.1	2,220	36,564	4.86	
Class V.....	1,921	713	9.0	8.6	3.8	3.8	429	77,454	9.67	2.25	337	4.2	7.6	6.6	6.5	2,373	18,521	4.97	
Class VI.....	592	156	4.9	1.9	0.5	0.5	453	11,450	10.41	2.30	66	2.2	1.5	0.7	0.8	1,881	4,494	9.21	
Other farms.....	4,103	766	8.2	9.3	3.2	3.0	456	72,419	11.37	2.49	319	3.2	7.2	3.8	4.2	2,102	14,327	5.86	
Area 1.....	6,091	3,528	18.9	100.0	100.0	100.0	413	1,002,399	9.81	2.38	1,912	5.0	100.0	100.0	100.0	2,172	124,311	4.56	
Commercial farms.....	5,181	3,403	18.9	96.5	96.8	97.3	410	967,314	9.73	2.37	1,852	5.1	96.9	99.0	99.0	2,174	123,146	4.57	
Class I.....	154	134	32.4	3.8	16.3	14.2	474	175,966	12.14	2.56	62	7.0	3.2	8.2	11.5	1,555	13,300	4.25	
Class II.....	1,020	919	23.5	26.0	39.8	40.4	407	383,638	9.29	2.29	547	5.7	28.6	38.8	36.5	2,309	49,404	4.97	
Class III.....	2,002	1,463	17.1	41.5	29.9	31.5	391	304,270	9.45	2.42	823	5.3	43.0	39.2	36.8	2,317	44,957	4.48	
Class IV.....	1,254	672	11.2	19.0	8.9	9.4	391	88,040	9.20	2.35	335	3.8	17.5	10.1	11.8	1,863	12,375	3.84	
Class V.....	591	180	6.0	5.1	1.6	1.5	448	12,425	8.12	1.81	65	1.9	3.4	2.3	1.8	2,808	2,660	5.37	
Class VI.....	160	35	5.2	1.0	0.3	0.3	400	2,975	9.30	2.32	20	2.3	1.0	0.3	0.5	1,103	450	3.10	
Other farms.....	910	125	18.7	3.5	3.2	2.7	491	35,085	12.78	2.60	60	2.0	3.1	1.0	1.1	2,000	1,165	3.88	
Area 2.....	9,908	4,736	19.0	100.0	100.0	100.0	449	1,199,897	10.96	2.44	2,521	5.2	100.0	100.0	100.0	2,461	188,568	6.23	
Commercial farms.....	6,715	4,095	20.6	86.5	96.8	96.7	450	1,162,563	10.98	2.44	2,262	5.5	89.7	93.9	92.9	2,488	175,406	6.23	
Class I.....	225	178	47.4	3.8	19.1	16.6	520	239,982	13.24	2.55	116	8.8	4.6	13.1	11.1	2,905	26,176	7.79	
Class II.....	991	846	31.6	17.9	33.1	32.1	463	405,029	11.51	2.49	526	6.8	20.9	28.1	25.1	2,756	56,932	7.49	
Class III.....	2,040	1,494	19.9	31.5	29.3	32.1	410	340,998	9.69	2.37	821	5.3	32.6	27.4	30.7	2,191	48,204	5.18	
Class IV.....	1,697	923	9.3	19.5	8.9	9.2	433	103,050	10.19	2.35	481	4.0	19.1	14.3	14.2	2,488	24,189	5.63	
Class V.....	1,330	533	10.3	11.3	5.6	5.9	425	65,029	10.03	2.36	272	5.1	10.8	10.0	10.7	2,307	15,861	4.91	
Class VI.....	432	121	4.8	2.6	0.8	0.7	474	8,475	10.87	2.29	46	2.1	1.8	1.0	1.1	2,210	4,044	11.79	
Other farms.....	3,193	641	5.8	13.5	3.2	3.3	430	37,334	10.30	2.40	259	3.4	10.3	6.1	7.1	2,117	13,162	6.14	
Virginia, total.....	136,370	98,718	42.4	100.0	100.0	100.0	544	29,099,449	12.32	2.27	18,765	6.0	100.0	100.0	100.0	2,726	2,105,847	6.34	
Commercial farms.....	71,401	63,274	45.7	64.1	90.5	89.0	553	26,399,651	12.56	2.27	14,082	6.3	75.0	87.2	87.3	2,725	1,849,893	6.38	
Class I.....	1,893	1,584	55.4	1.6	15.9	13.6	634	4,490,907	13.95	2.20	771	10.1	4.1	18.8	17.7	2,895	376,786	6.42	
Class II.....	4,500	4,057	51.9	4.1	18.2	17.1	581	5,161,964	12.81	2.21	1,833	7.3	9.8	17.7	17.0	2,829	371,803	6.57	
Class III.....	7,752	6,965	50.0	7.1	16.9	16.9	543	4,917,972	12.33	2.27	2,356	6.6	12.6	15.7	15.9	2,687	350,492	6.64	
Class IV.....	16,482	15,219	43.6	15.4	19.2	19.6	535	5,696,299	12.33	2.31	3,801	5.5	20.3	17.4	17.4	2,729	376,718	6.52	
Class V.....	23,777	21,287	39.6	21.6	15.1	15.9	516	4,597,423	12.21	2.37	3,743	5.1	19.9	13.5	14.7	2,503	284,388	5.84	
Class VI.....	16,997	14,162	32.5	14.3	5.2	5.9	479	1,535,086	10.99	2.29	1,578	3.5	8.4	4.2	4.6	2,517	89,706	5.88	
Other farms.....	64,969	35,444	26.6	35.9	9.5	11.0	468	2,699,798	10.39	2.22	4,683	4.3	25.0	12.8	12.7	2,733	255,954	6.05	
Area 1.....	10,090	5,958	21.9	100.0	100.0	100.0	421	483,367	9.64	2.29	354	1.7	100.0	100.0	100.0	3,001	21,289	5.51	
Commercial farms.....	2,576	2,085	27.2	35.0	67.8	65.6	435	328,627	10.00	2.30	184	2.4	52.0	79.6	75.4	3,169	16,384	5.63	
Class I.....	22	22	26.7	0.4	7.6	11.7	272	37,593	6.42	2.36	8	2.7	2.3	18.5	15.2	3,659	4,176	7.11	
Class II.....	36	35	27.6	0.6	4.7	5.4	364	26,089	9.56	2.62	19	3.2	5.4	13.5	8.3	4,891	1,747	5.44	
Class III.....	71	71	68.2	1.2	6.9	6.4	456	33,213	10.41	2.28	20	1.8	5.6	2.8	2.2	3,765	370	3.55	
Class IV.....	269	219	19.0	3.7	9.8	9.7	428	44,057	9.09	2.13	47	2.7	13.3	12.3	18.0	2,061	3,886	5.60	
Class V.....	863	748	28.2	12.6	22.3	19.1	491	108,770	11.37	2.32	55	3.0	15.5	24.8	26.3	2,828	4,825	4.75	
Class VI.....	1,315	990	26.9	16.6	16.5	13.3	522	78,905	11.79	2.26	35	3.0	8.8	9.9	7.7	5.4	4,238	1,380	6.37
Other farms.....	7,514	3,873	16.0	65.0	32.2	34.4	395	154,740	8.97	2.27	170	0.9	48.0	20.4	24.6	2,484	4,905	5.16	
Area 2.....	20,617	16,234	36.1	100.0	100.0	100.0	441	2,222,003	10.34	2.34	2,524	6.0	100.0	100.0	100.0	4,270	242,305	6.82	
Commercial farms.....	10,018	9,035	37.8	55.7	80.8	80.5	443	1,808,002	10.46	2.36	1,692	6.3	67.0	84.8	80.6	4,493	200,2		

USE OF FERTILIZER AND LIME

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Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Fertilizer				Quantity used per acre fertilized (lb.)	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—		Per acre fertilized	Per cent. of fertilizer used		Percent distribution of—		Per acre limed							
				Farms reporting use of fertilizer	Acres fertilized				Farms reporting use of lime	Acres limed				For lime	Per acre limed			
Virginia—Continued																		
Areas 5 and B.....	12,804	8,041	35.7	100.0	100.0	100.0	466	3,313,331	10.18	2.19	3,020	10.0	100.0	100.0	100.0	2,678	552,019	6.03
Commercial farms.....	5,446	4,678	37.4	58.2	89.8	90.2	464	2,992,171	10.20	2.20	2,162	10.5	71.6	90.4	89.9	2,694	495,863	6.02
Class I.....	382	365	44.5	4.5	23.8	22.6	490	790,192	10.72	2.19	264	14.4	8.7	24.3	26.1	2,495	124,508	5.21
Class II.....	705	651	40.1	8.1	23.9	23.0	484	810,486	10.83	2.24	393	10.4	13.0	21.9	21.1	2,773	122,956	6.35
Class III.....	860	772	39.6	9.6	16.8	16.9	461	570,976	10.37	2.25	427	11.6	14.1	18.9	17.6	2,870	103,949	6.44
Class IV.....	1,060	962	30.9	12.0	13.4	14.0	446	435,275	9.55	2.14	484	8.9	16.0	14.9	14.3	2,801	85,637	6.55
Class V.....	1,352	1,121	31.9	13.9	9.0	9.9	426	287,602	8.96	2.10	458	8.3	15.2	8.7	9.1	2,570	48,843	5.88
Class VI.....	1,087	807	27.1	10.0	2.9	3.8	358	97,640	8.00	2.24	136	3.5	4.5	1.7	1.7	2,677	9,970	6.25
Other farms.....	7,358	3,363	24.9	41.8	10.2	9.8	481	321,160	10.02	2.08	858	7.2	28.4	9.6	10.1	2,539	56,156	6.08
Areas 6 and C.....	20,839	15,013	40.2	100.0	100.0	100.0	484	3,579,597	10.85	2.24	2,975	4.9	100.0	100.0	100.0	2,935	294,693	7.26
Commercial farms.....	10,079	8,897	44.2	59.3	85.7	85.3	487	3,064,989	10.89	2.24	2,223	5.4	74.7	84.3	84.8	2,918	252,653	7.34
Class I.....	204	168	59.7	1.1	9.5	9.5	481	324,131	10.31	2.14	97	7.1	3.3	10.3	9.3	3,258	32,457	8.62
Class II.....	598	542	51.3	3.6	14.3	14.8	468	516,993	10.62	2.27	231	4.2	7.8	10.2	9.9	3,026	30,820	7.66
Class III.....	976	855	47.0	5.7	15.7	14.5	526	558,369	11.71	2.23	326	6.7	11.0	15.4	16.7	2,707	50,680	7.49
Class IV.....	2,335	2,168	46.0	14.4	23.4	22.3	509	849,350	11.54	2.27	636	5.8	21.4	24.2	22.9	3,099	71,100	7.65
Class V.....	3,369	3,019	38.8	20.1	17.1	17.7	467	615,241	10.53	2.25	683	5.1	23.0	18.7	19.0	2,892	48,751	6.32
Class VI.....	2,597	2,145	27.8	14.3	5.7	6.5	425	200,905	9.34	2.20	250	3.7	8.4	5.5	7.1	2,304	18,845	6.58
Other farms.....	10,760	6,116	26.5	40.7	14.3	14.7	471	514,608	10.59	2.25	752	3.4	25.3	15.7	15.2	3,030	42,040	6.83
Area 7.....	27,218	23,667	42.2	100.0	100.0	100.0	619	5,803,089	15.09	2.44	2,398	2.8	100.0	100.0	100.0	2,618	188,508	7.29
Commercial farms.....	19,556	18,742	44.9	79.2	92.6	91.2	628	5,382,336	15.34	2.44	1,942	2.9	81.0	85.3	88.0	2,537	160,458	7.05
Class I.....	36	35	42.5	0.1	2.2	2.7	514	113,275	11.04	2.15	26	11.4	1.1	5.0	10.6	1,240	10,456	3.80
Class II.....	330	298	51.2	1.3	7.0	8.2	528	368,935	11.74	2.22	181	6.2	7.5	17.4	14.8	3,091	28,215	7.39
Class III.....	1,353	1,321	48.1	5.6	14.9	15.0	615	833,553	14.43	2.35	307	3.6	12.8	19.0	16.6	2,988	36,350	8.46
Class IV.....	5,817	5,616	46.9	23.7	32.7	31.0	652	1,851,861	15.52	2.38	698	2.4	29.1	23.8	23.4	2,661	47,172	7.79
Class V.....	8,426	8,101	43.0	34.2	28.4	26.8	656	1,779,997	17.30	2.64	525	1.9	21.9	15.0	17.9	2,188	29,635	6.39
Class VI.....	3,594	3,371	35.7	14.2	7.5	7.6	605	434,715	14.82	2.45	205	1.5	8.5	5.1	4.7	2,855	8,630	7.16
Other farms.....	7,662	4,925	25.9	20.8	7.4	8.8	520	420,753	12.50	2.40	456	2.4	19.0	14.7	12.0	3,211	28,050	9.05
Areas 8 and 9.....	10,510	7,901	60.0	100.0	100.0	100.0	463	2,779,474	10.27	2.22	2,003	8.9	100.0	100.0	100.0	1,743	251,671	6.29
Commercial farms.....	4,216	3,861	63.0	48.9	86.5	86.1	465	2,409,668	10.34	2.22	1,517	9.5	75.7	90.2	87.9	1,789	225,381	6.41
Class I.....	116	95	68.2	1.2	13.1	10.6	574	374,784	13.11	2.28	49	11.5	2.4	14.0	12.0	2,025	33,250	6.91
Class II.....	298	291	69.9	3.7	18.0	18.1	461	483,940	9.88	2.14	186	8.9	9.3	19.9	15.5	2,231	46,791	7.53
Class III.....	655	620	64.4	7.8	23.9	21.8	508	673,042	11.42	2.25	310	7.8	15.5	21.6	17.8	2,122	55,599	7.82
Class IV.....	917	872	60.4	11.0	16.0	17.5	422	446,042	9.41	2.23	389	8.5	19.4	16.3	16.6	1,712	39,605	5.96
Class V.....	1,263	1,152	56.7	14.6	11.1	13.4	382	306,275	8.44	2.21	416	12.8	20.8	14.3	20.5	1,221	40,105	4.90
Class VI.....	967	831	53.7	10.5	4.5	4.7	440	125,585	9.77	2.22	167	9.2	8.3	4.1	5.5	1,289	10,031	4.57
Other farms.....	6,294	4,040	46.2	51.1	13.5	13.9	450	369,806	9.84	2.19	486	6.0	24.3	9.8	12.1	1,408	26,290	5.42
Area 10.....	7,881	6,708	78.4	100.0	100.0	100.0	674	4,700,583	15.57	2.31	1,327	4.9	100.0	100.0	100.0	1,451	113,210	6.01
Commercial farms.....	6,183	5,723	79.6	85.3	97.1	96.8	676	4,578,822	15.66	2.32	1,209	4.9	91.1	94.0	95.2	1,433	108,616	6.06
Class I.....	121	119	88.3	1.8	11.6	10.9	718	560,971	17.06	2.38	32	7.0	2.4	19.4	13.8	2,049	17,125	6.61
Class II.....	690	665	82.8	9.9	28.9	25.5	762	1,332,344	17.27	2.27	156	3.9	11.8	24.4	19.3	1,833	22,594	6.21
Class III.....	1,360	1,289	80.1	19.2	25.3	25.5	670	1,187,769	15.42	2.30	287	4.5	21.6	19.1	23.1	1,200	26,819	6.18
Class IV.....	1,914	1,779	75.2	26.5	19.5	21.2	622	961,721	15.05	2.42	343	5.0	25.8	16.1	22.4	1,041	23,340	5.53
Class V.....	1,443	1,316	75.1	19.6	9.7	11.2	586	447,977	13.27	2.26	306	5.8	23.1	13.4	13.9	1,402	16,233	6.19
Class VI.....	655	555	70.6	8.3	2.0	2.5	525	88,040	11.54	2.20	85	4.6	6.4	1.5	2.7	840	2,505	5.01
Other farms.....	1,698	985	53.9	14.7	2.9	3.2	618	121,761	12.59	2.04	118	5.1	8.9	6.0	4.8	1,802	4,594	5.05
Areas 11 and D.....	3,078	2,187	69.3	100.0	100.0	100.0	966	3,039,202	20.45	2.12	759	10.3	100.0	100.0	100.0	1,966	158,422	7.20
Commercial farms.....	2,162	1,766	70.1	80.7	97.9	96.8	977	2,973,435	20.67	2.12	668	10.5	88.0	98.5	97.7	1,984	155,196	7.22
Class I.....	303	252	82.2	11.5	50.6	43.2	1,131	1,502,125	23.38	2.07	126	11.2	16.6	44.3	39.9	2,183	69,311	7.90
Class II.....	452	397	69.2	18.2	27.0	25.3	1,030	826,065	21.94	2.13	171	10.7	22.5	25.1	26.4	1,874	38,920	6.71
Class III.....	426	361	54.9	16.5	9.9	12.4	771	325,185	17.64	2.29	91	6.0	12.0	8.9	9.1	1,925	10,385	5.18
Class IV.....	411	331	58.5	15.1	6.6	9.4	673	202,180	14.45	2.15	140	10.6	18.4	11.9	11.5	2,032	19,490	7.70
Class V.....	380	300	63.4	13.7	2.7	5.1	524	85,970	11.43	2.18	110	16.9	14.5	7.7	9.1	1,656	14,945	7.45
Class VI.....	190	125	57.9	5.7	1.1	1.4	764	31,910	15.80	2.07	30	10.7	4.0	0.6	1.7	747	2,145	5.72
Other farms.....	916	421	52.3	19.3	2.1													

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Lime used	Acres limed		For lime	Per acre limed	
Washington—Continued																	
Areas 3, A, and B.....	10,349	2,471	17.2	100.0	100.0	635	562,834	22.06	3.48	341	1.7	100.0	100.0	100.0	2,274	35,810	13.80
Commercial farms.....	3,822	1,519	20.6	61.5	88.9	686	502,850	23.98	3.49	236	2.1	69.2	91.9	84.0	2,486	33,340	15.29
Class I.....	232	131	36.1	5.3	16.8	618	104,725	23.72	3.84	40	3.0	11.7	44.6	14.3	7,108	14,755	39.88
Class II.....	725	325	24.1	13.2	34.4	793	188,140	26.76	3.38	60	2.7	17.6	28.5	29.9	2,168	10,795	13.93
Class III.....	902	417	19.3	16.9	20.6	690	115,715	23.93	3.47	61	2.3	17.9	8.5	22.2	870	3,710	6.45
Class IV.....	751	255	16.4	10.3	9.5	614	55,630	22.25	3.62	40	2.4	11.7	6.8	14.3	1,081	2,635	7.12
Class V.....	817	311	11.1	12.6	6.4	573	32,685	18.18	3.17	30	0.5	8.8	3.4	3.3	2,353	1,365	16.06
Class VI.....	395	80	10.2	3.2	1.2	486	5,955	15.08	3.10	5	0.1	1.5	0.2	0.2	2,000	80	16.00
Other farms.....	6,527	952	9.7	38.5	11.1	397	59,984	13.23	3.33	105	0.9	30.8	8.1	16.0	1,157	2,470	5.95
Areas 4 and C.....	10,254	2,385	15.2	100.0	100.0	256	400,188	9.08	3.55	221	1.5	100.0	100.0	100.0	1,311	28,594	6.42
Commercial farms.....	3,987	1,400	17.6	58.7	85.2	256	343,688	9.17	3.58	151	1.9	68.3	78.4	91.1	1,128	21,914	5.40
Class I.....	137	65	37.8	2.7	19.5	286	85,031	11.05	3.87	16	2.0	7.2	5.3	9.3	748	1,964	4.77
Class II.....	430	224	23.4	9.4	19.0	234	71,890	7.83	3.35	15	0.2	6.8	4.8	1.9	3,294	1,575	18.53
Class III.....	702	309	20.2	13.0	23.0	320	88,390	10.91	3.41	40	2.8	18.1	33.6	25.4	1,735	8,505	7.53
Class IV.....	923	365	15.9	15.3	14.8	207	63,895	7.94	3.84	45	4.5	20.4	28.3	51.3	722	7,665	3.35
Class V.....	1,254	327	6.8	13.7	6.5	228	25,877	8.12	3.55	20	0.2	9.0	3.8	1.9	2,588	1,265	14.88
Class VI.....	541	110	8.1	4.6	2.4	218	8,605	6.80	3.12	15	0.4	6.8	2.7	1.3	2,667	940	15.67
Other farms.....	6,267	985	8.5	41.3	14.8	252	56,500	8.55	3.40	70	0.1	31.7	21.6	8.9	3,190	6,680	16.91
Area 5a.....	3,641	2,209	17.9	100.0	100.0	343	626,717	13.50	3.94	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Commercial farms.....	2,549	1,894	18.7	85.7	96.7	342	611,302	13.58	3.97	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Class I.....	674	638	38.0	28.9	58.5	344	376,260	13.92	4.04	20	1.0	66.7	90.0	85.5	887	2,170	3.06
Class II.....	616	519	15.5	23.5	21.3	328	130,596	12.66	3.86	5	0.2	16.7	4.3	12.0	300	125	1.25
Class III.....	477	322	9.0	14.6	8.9	373	51,604	13.58	3.64	...	...	...	...	...	...	...	...
Class IV.....	366	217	6.9	9.8	4.7	319	32,664	14.09	4.41	5	0.1	16.7	5.7	2.4	2,000	240	12.00
Class V.....	336	172	6.1	7.8	3.0	329	17,718	12.18	3.71	...	...	...	...	...	...	...	...
Class VI.....	80	26	3.1	1.2	0.3	482	2,460	21.96	4.56	...	...	...	...	...	...	...	...
Other farms.....	1,092	315	7.6	14.3	3.3	377	15,415	11.09	2.94	...	...	...	...	...	...	...	...
Area 5b.....	2,785	511	12.3	100.0	100.0	156	178,179	5.90	3.79	1	(2)	100.0	100.0	100.0	2,000	4	4.00
Commercial farms.....	1,717	435	13.4	85.1	95.7	154	172,624	5.93	3.84	1	(2)	100.0	100.0	100.0	2,000	4	4.00
Class I.....	29	25	20.3	4.9	7.8	140	15,255	5.88	4.19	...	...	...	...	...	...	...	...
Class II.....	169	93	28.5	18.2	50.1	159	98,022	6.63	4.16	...	...	...	...	...	...	...	...
Class III.....	366	115	10.3	22.5	18.7	143	33,271	5.45	3.80	...	...	...	...	...	...	...	...
Class IV.....	435	112	7.0	21.9	11.5	150	17,626	4.90	3.26	1	(2)	100.0	100.0	100.0	2,000	4	4.00
Class V.....	467	75	5.1	14.7	6.8	202	7,170	4.53	2.24	...	...	...	...	...	...	...	...
Class VI.....	251	15	3.6	2.9	0.9	95	1,280	3.05	3.20	...	...	...	...	...	...	...	...
Other farms.....	1,068	76	4.0	14.9	4.3	185	5,555	5.08	2.75	...	...	...	...	...	...	...	...
Area 6.....	10,156	5,257	24.7	100.0	100.0	290	3,103,563	11.94	4.11	10	(2)	100.0	100.0	100.0	2,000	590	9.08
Commercial farms.....	7,367	4,750	25.1	90.4	98.7	290	3,066,434	11.93	4.12	10	(2)	100.0	100.0	100.0	2,000	590	9.08
Class I.....	1,493	1,261	25.2	24.0	55.9	295	1,758,732	12.31	4.17	...	...	...	...	...	...	...	...
Class II.....	1,588	1,231	27.5	23.4	23.0	285	707,524	11.61	4.07	5	(2)	50.0	92.3	92.3	2,000	550	9.17
Class III.....	1,404	949	28.0	18.1	11.5	257	362,764	10.78	4.19	...	...	...	...	...	...	...	...
Class IV.....	1,358	716	19.8	13.6	5.9	335	163,578	12.39	3.70	...	...	...	...	...	...	...	...
Class V.....	1,249	497	13.9	9.5	2.2	289	65,725	11.72	4.05	...	...	...	...	...	...	...	...
Class VI.....	275	96	11.6	1.8	0.3	303	8,111	11.59	3.83	5	0.1	50.0	7.7	7.7	2,000	40	8.00
Other farms.....	2,789	507	10.0	9.6	1.3	322	37,129	12.44	3.87	...	...	...	...	...	...	...	...
Area 7a.....	4,134	2,228	15.9	100.0	100.0	132	3,233,409	6.91	5.23	...	...	...	...	...	...	...	...
Commercial farms.....	3,582	2,023	15.9	90.8	99.2	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
Class I.....	1,249	803	18.7	36.0	63.3	108	2,224,246	6.15	5.69	...	...	...	...	...	...	...	...
Class II.....	1,365	657	9.4	29.5	21.9	173	629,659	8.06	4.66	...	...	...	...	...	...	...	...
Class III.....	474	289	14.3	13.0	8.7	327	217,072	13.16	4.02	...	...	...	...	...	...	...	...
Class IV.....	297	188	20.2	8.4	4.4	341	123,657	15.37	4.51	...	...	...	...	...	...	...	...
Class V.....	120	56	14.8	2.5	0.6	351	13,220	12.41	3.53	...	...	...	...	...	...	...	...
Class VI.....	77	30	28.0	1.3	0.2	287	5,880	11.42	3.97	...	...	...	...	...	...	...	...
Other farms.....	552	205	9.1	9.2	0.8	295	19,675	11.75	3.98	...	...	...	...	...	...	...	...
Areas 7b and D.....	7,785	3,672	31.7	100.0	100.0	110	4,682,822	5.90	5.35	13	(2)	100.0	100.0	100.0	343	145	1.38
Commercial farms.....	5,418	3,378	32.1	92.0	99.5	110	4,666,092	5.90	5.36	8	(2)	61.5	44.4	90.5	168	125	1.32
Class I.....	1,544	1,318	36.1	35.9	74.5	108	3,493,923	5.78	5.36	2	(2)	15.4	11.1	11.4	333	28	2.33
Class II.....	1,462	1,013	25.1	27.6	17.7	111	881,300	6.30	5.69	...	...	...	...	...	...	...	...
Class III.....	859	442	21.3	12.0	4.0	130	167,736	6.22	4.77	1	(2)	7.7	5.6	2.9	667	7	2.33
Class IV.....	768	360	18.5	9.8	2.2	155	86,808	6.82	4.41	5	0.1	38.5	27.8	76.2	125	90	1.12
Class V.....	524	195	15.7	5.3	0.7	133	23,715	5.38	4.05	...	...	...	...	...	...	...	...
Class VI.....	261	50	20.3	1.4	0.3	120	12,610	5.42	4.54	...	...	...	...	...	...	...	...
Other farms.....	2,367	294	7.6	8.0	0.5	148	16,730	5.42	3.67	5	(2)	38.5	55.6	9.5	2,000	20	2.00
West Virginia, total.....	68,570	33,898	17.2	100.0	100.0	369	3,216,752	8.75	2.37	9,417	4.8	100.0	100.0				

USE OF FERTILIZER AND LIME

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Table 4.—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS.
CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Acres limed		For lime	Per acre limed		
West Virginia—Continued																		
Areas 2a and B.....	10,591	4,810	14.7	100.0	100.0	100.0	382	453,038	9.71	2.54	966	3.3	100.0	100.0	3,424	70,770	6.69	
Commercial farms.....	3,348	2,187	18.8	45.5	75.2	77.2	372	349,093	9.69	2.61	591	4.1	61.2	77.6	3,565	56,170	7.13	
Class I.....	33	28	65.4	0.6	13.7	15.1	346	68,854	9.77	2.83	7	2.2	0.7	2.6	4,078	2,281	9.83	
Class II.....	122	101	38.0	2.1	16.7	17.7	360	70,040	8.47	2.36	64	9.4	6.6	22.9	4,068	20,601	10.10	
Class III.....	225	159	30.8	3.3	12.3	16.9	277	55,562	7.05	2.54	62	3.3	6.4	7.6	3,229	6,351	7.42	
Class IV.....	285	187	10.3	3.9	6.3	5.0	484	25,572	10.95	2.26	83	4.3	8.6	9.7	2,586	6,317	6.47	
Class V.....	1,026	726	11.2	15.1	15.2	13.1	443	68,510	11.22	2.53	185	2.9	19.2	16.2	3,675	9,600	6.00	
Class VI.....	1,657	986	7.7	20.5	11.0	9.4	449	60,555	13.86	3.09	190	3.8	19.7	18.5	3,080	11,020	5.07	
Other farms.....	7,243	2,623	8.5	54.5	24.8	22.8	415	103,945	9.75	2.35	375	2.1	38.8	22.4	3,011	14,600	5.41	
Area 2b.....	15,231	6,767	10.5	100.0	100.0	100.0	392	419,143	9.09	2.32	1,893	4.2	100.0	100.0	3,263	111,137	6.04	
Commercial farms.....	4,441	2,401	10.9	35.5	61.5	59.9	402	254,407	9.22	2.29	983	4.8	51.9	66.2	3,292	76,012	6.30	
Class I.....	17	7	13.6	0.1	0.3	0.5	206	1,063	4.20	2.04	2	2.3	0.1	0.2	2,810	201	4.79	
Class II.....	89	53	7.3	0.8	4.0	2.4	652	17,692	16.07	2.46	24	4.7	1.3	3.4	3,784	3,374	4.75	
Class III.....	243	150	16.2	2.2	10.1	10.8	367	41,302	8.33	2.27	102	6.1	5.4	13.2	4,218	13,862	7.39	
Class IV.....	580	396	12.4	5.9	15.2	15.7	380	67,728	9.35	2.46	228	5.3	12.0	19.3	3,734	26,227	8.44	
Class V.....	1,107	646	11.5	9.5	18.3	17.5	411	72,141	8.95	2.18	285	4.6	15.1	15.4	2,851	15,935	4.91	
Class VI.....	2,405	1,149	7.9	17.0	13.6	13.0	410	54,481	9.11	2.22	342	4.1	18.1	14.7	2,855	16,413	5.32	
Other farms.....	10,790	4,366	9.9	64.5	38.5	40.1	375	164,736	8.90	2.37	910	3.4	48.1	33.8	3,208	35,125	5.55	
Area 3.....	9,076	4,238	14.9	100.0	100.0	100.0	388	394,726	9.27	2.39	1,594	5.6	100.0	100.0	3,323	103,781	6.55	
Commercial farms.....	2,569	1,671	16.2	39.4	67.2	63.6	410	269,541	9.95	2.43	779	5.9	48.9	63.9	3,422	68,161	6.94	
Class I.....	8	4	15.6	0.1	0.5	0.8	251	1,754	5.36	2.14	4	22.8	0.3	2.9	3,176	3,261	6.82	
Class II.....	76	64	18.8	1.5	6.7	5.2	501	28,692	13.06	2.61	34	5.1	2.1	3.7	3,464	3,693	6.23	
Class III.....	216	128	7.6	3.0	7.1	5.4	508	30,863	13.42	2.64	72	3.2	4.5	7.0	3,754	5,200	5.33	
Class IV.....	356	278	26.5	6.6	19.9	18.2	424	69,450	8.94	2.11	133	5.5	8.3	11.7	3,854	11,937	7.47	
Class V.....	853	587	17.5	13.9	19.8	19.6	393	84,882	10.17	2.59	266	5.7	16.7	18.5	3,594	22,745	8.37	
Class VI.....	1,060	610	13.5	14.4	13.3	14.5	356	53,900	8.76	2.46	270	7.6	16.9	19.9	3,022	21,325	6.15	
Other farms.....	6,507	2,567	13.1	60.6	32.8	36.4	350	125,185	8.08	2.31	815	5.1	51.1	36.1	3,160	35,620	5.92	
Areas 4 and C.....	11,810	5,863	14.4	100.0	100.0	100.0	334	226,612	8.22	2.46	848	5.0	100.0	100.0	2,712	40,601	4.27	
Commercial farms.....	1,352	859	17.3	14.7	35.9	32.2	372	83,179	9.36	2.51	238	6.5	28.1	40.0	3,101	15,421	4.64	
Class I.....	21	6	16.3	0.1	1.0	0.4	800	2,360	21.45	2.68	5	0.7	0.6	(2)	0.1	2,000	60	12.00
Class II.....	30	20	21.7	0.3	2.0	1.8	376	3,480	7.10	1.89	15	4.4	1.8	1.5	1.1	3,800	665	6.65
Class III.....	61	50	22.2	0.9	4.4	3.0	501	11,035	13.54	2.70	20	4.5	2.4	3.1	1,747	1,040	6.30	
Class IV.....	142	87	11.0	1.5	5.0	4.9	342	13,085	9.70	2.83	27	3.4	3.2	4.8	4,423	2,190	5.21	
Class V.....	310	204	23.7	3.5	10.1	8.1	417	22,869	10.24	2.45	56	9.5	6.6	12.7	3,645	4,316	4.81	
Class VI.....	788	492	16.8	8.4	13.4	14.1	318	30,350	7.81	2.46	115	7.5	13.6	17.9	2,657	7,150	4.12	
Other farms.....	10,458	5,004	13.4	85.3	64.1	67.8	316	143,433	7.67	2.43	610	4.4	71.9	60.0	2,503	25,180	4.07	
Area 5.....	13,233	8,416	23.1	100.0	100.0	100.0	373	989,920	8.65	2.32	2,446	5.5	100.0	100.0	3,781	164,528	6.00	
Commercial farms.....	6,203	4,440	24.0	52.8	79.5	78.8	376	789,842	8.76	2.33	1,623	5.8	66.4	82.0	3,915	140,313	6.46	
Class I.....	185	136	32.7	1.6	10.4	10.7	361	123,651	10.06	2.79	52	3.8	2.1	5.0	3,626	7,775	5.44	
Class II.....	565	389	27.0	4.6	13.9	13.7	378	126,690	8.09	2.14	148	5.6	6.1	11.9	3,804	23,500	7.20	
Class III.....	979	630	23.9	7.5	18.0	16.2	415	173,124	9.35	2.25	323	7.0	13.2	23.1	4,423	38,243	7.08	
Class IV.....	1,031	728	21.6	8.7	12.8	13.2	363	125,996	8.34	2.30	318	5.6	13.0	15.7	4,115	27,763	7.02	
Class V.....	1,476	1,098	22.2	13.0	12.9	13.4	360	127,184	8.30	2.31	415	6.4	17.0	15.0	3,477	24,860	5.58	
Class VI.....	1,967	1,459	21.2	17.3	11.5	11.6	371	113,197	8.52	2.30	367	5.1	15.0	11.3	3,662	18,172	5.68	
Other farms.....	7,030	3,976	20.0	47.2	20.5	21.2	362	200,078	8.25	2.28	823	4.7	33.6	18.0	3,273	24,215	4.24	
Area 6.....	2,203	1,470	37.3	100.0	100.0	100.0	329	482,346	7.48	2.27	401	4.4	100.0	100.0	3,957	46,760	6.13	
Commercial farms.....	1,237	1,074	39.3	73.1	92.3	94.7	321	441,051	7.22	2.25	286	4.2	71.3	84.8	3,901	39,155	5.96	
Class I.....	80	62	58.3	4.2	18.6	20.2	303	107,427	8.26	2.72	27	5.5	6.7	15.0	3,698	7,885	6.44	
Class II.....	168	158	39.3	10.7	19.5	21.6	296	90,460	6.49	2.19	32	5.0	8.0	21.8	3,681	8,225	4.61	
Class III.....	346	321	38.7	21.8	30.4	29.7	337	134,295	7.01	2.08	66	2.8	16.5	18.1	3,921	6,605	4.73	
Class IV.....	311	281	34.2	19.1	15.5	15.1	337	72,399	7.42	2.20	81	4.5	20.2	17.0	3,992	10,490	8.16	
Class V.....	201	161	28.7	11.0	6.2	6.0	338	27,990	7.21	2.13	55	5.1	13.7	10.3	4,489	4,925	7.09	
Class VI.....	131	91	22.4	6.2	2.1	2.1	336	8,480	6.30	1.88	25	3.0	6.2	2.6	4,389	1,025	5.69	
Other farms.....	966	396	19.2	26.9	7.7	5.3	476	41,295	12.11	2.54	115	6.0	28.7	15.2	4,300	7,605	7.14	
Wisconsin, total.....	153,622	104,353	30.1	100.0	100.0	100.0	223	25,737,823	6.65	2.98	35,006	4.0	100.0	100.0	3,875	3,022,867	5.87	
Commercial farms.....	135,064	99,098	30.7	95.0	97.9	98.2	223	25,242,861	6.64	2.98	34,077	4.1	97.3	98.1	3,882	2,961,816	5.87	
Class I.....	1,493	1,330	55.1	1.3	10.8	6.7	362	2,865,349	11.10	3.07	425	5.0	1.2	6.0	4.6	5,050	152,525	6.45
Class II.....	14,732	13,838	4															

USE OF FERTILIZER AND LIME

Table 4—USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:

CENSUS OF 1954—Continued

State, economic area, and economic class of farm	Total number of farms	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	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—Continued																			
Area 2b.....	12,786	9,506	29.4	100.0	100.0	100.0	217	1,720,740	6.03	2.78	3,731	4.9	100.0	100.0	100.0	3,749	273,841	5.79	
Commercial farms.....	11,715	9,235	29.8	97.1	98.6	98.7	217	1,698,105	6.03	2.78	3,665	4.9	98.2	98.7	98.7	3,749	269,411	5.77	
Class I.....	67	55	49.9	0.6	2.8	2.3	263	52,617	8.06	3.07	12	1.9	0.3	0.7	0.5	4,893	1,506	6.22	
Class II.....	944	898	46.2	9.4	23.0	23.4	213	390,178	5.83	2.74	477	6.3	12.8	23.1	19.2	4,512	60,295	6.64	
Class III.....	4,133	3,787	31.8	39.8	44.4	43.9	219	770,990	6.16	2.81	1,731	6.0	46.4	46.2	50.3	3,437	126,005	5.29	
Class IV.....	4,450	3,465	22.6	36.5	23.5	24.0	212	397,500	5.81	2.74	1,145	3.7	30.7	24.2	23.7	3,819	70,085	6.24	
Class V.....	1,661	870	16.4	9.2	4.4	4.5	210	78,290	6.03	2.87	265	2.6	7.1	4.1	4.4	3,474	10,410	4.98	
Class VI.....	460	160	13.9	1.7	0.6	0.6	199	8,530	4.73	2.37	35	1.9	0.9	0.5	0.5	3,796	1,110	4.53	
Other farms.....	1,071	271	15.5	2.9	1.4	1.3	233	22,635	6.13	2.63	66	2.5	1.8	1.3	1.3	3,717	4,430	7.36	
Area 3.....	11,684	9,635	34.2	100.0	100.0	100.0	189	2,447,329	5.69	3.01	2,896	4.7	100.0	100.0	100.0	5,075	353,347	5.93	
Commercial farms.....	11,079	9,485	34.3	98.4	99.3	99.2	189	2,430,814	5.70	3.01	2,876	4.8	99.3	99.9	99.4	5,096	352,697	5.95	
Class I.....	153	146	41.4	1.5	5.0	4.3	221	129,723	7.00	3.16	60	13.8	2.1	11.5	10.4	5,617	36,367	5.87	
Class II.....	2,447	2,322	40.2	24.1	38.2	38.1	190	943,821	5.76	3.04	896	5.7	30.9	40.8	39.3	5,265	153,775	6.56	
Class III.....	4,745	4,305	34.4	44.7	41.4	42.6	184	1,013,760	5.54	3.01	1,285	4.1	44.4	35.6	36.4	4,973	119,445	5.51	
Class IV.....	2,544	1,992	24.7	20.7	12.1	11.4	200	288,435	5.88	2.93	470	3.1	16.2	9.9	10.2	4,929	35,145	5.79	
Class V.....	940	615	21.1	6.4	2.3	2.5	174	49,955	4.64	2.66	150	3.6	5.2	2.0	3.1	3,280	7,720	4.24	
Class VI.....	250	105	14.2	1.1	0.2	0.3	164	5,120	4.55	2.78	15	1.1	0.5	0.1	0.1	2,706	245	2.88	
Other farms.....	605	150	25.7	1.6	0.7	0.8	168	16,515	4.67	2.78	20	2.4	0.7	0.1	0.6	1,343	650	1.94	
Area 4.....	20,065	13,821	26.3	100.0	100.0	100.0	219	2,488,429	6.51	2.98	6,493	5.9	100.0	100.0	100.0	4,224	688,303	8.08	
Commercial farms.....	17,804	13,090	26.9	94.7	96.8	97.4	217	2,411,758	6.48	2.98	6,308	6.0	97.2	97.2	97.5	4,210	669,222	8.06	
Class I.....	67	37	50.9	0.3	2.6	1.4	424	68,096	13.19	3.11	8	7.0	0.1	1.4	0.8	6,828	8,914	12.47	
Class II.....	700	669	41.0	4.8	12.7	12.8	219	311,850	6.40	2.93	419	8.6	6.5	14.5	12.0	5,114	85,059	8.31	
Class III.....	4,783	4,446	32.6	32.2	40.7	42.4	210	1,014,335	6.25	2.98	2,355	7.2	36.3	41.0	41.9	4,140	288,865	8.10	
Class IV.....	7,373	5,637	23.5	40.8	31.6	31.8	217	802,918	6.61	3.04	2,596	5.4	40.0	31.6	33.1	4,044	223,049	7.92	
Class V.....	3,836	1,976	14.7	14.3	7.8	7.7	220	178,969	6.08	2.76	815	3.6	12.6	7.7	8.4	3,855	56,880	7.91	
Class VI.....	1,045	325	13.5	2.4	1.4	1.4	225	35,590	6.73	3.00	115	2.8	1.8	0.9	1.3	2,927	6,455	5.92	
Other farms.....	2,261	731	13.4	5.3	3.2	2.6	271	76,671	7.86	2.90	185	2.9	2.8	2.8	2.5	4,778	19,081	9.00	
Area 5.....	9,747	6,754	27.1	100.0	100.0	100.0	244	1,782,783	6.96	2.86	3,021	4.8	100.0	100.0	100.0	3,540	256,996	5.69	
Commercial farms.....	8,041	6,163	28.9	91.2	97.2	97.2	243	1,733,763	6.96	2.86	2,856	5.1	94.5	96.7	96.4	3,552	249,421	5.73	
Class I.....	74	74	45.4	1.1	14.8	5.0	724	280,826	22.04	3.04	27	3.2	0.9	1.9	2.0	3,389	4,991	5.48	
Class II.....	491	456	42.4	6.8	16.1	16.6	237	295,585	6.96	2.94	200	5.4	6.6	14.2	11.9	4,203	33,005	6.12	
Class III.....	1,723	1,588	35.7	23.5	28.1	32.8	208	501,252	5.96	2.86	818	5.7	27.1	33.4	29.8	3,967	85,430	6.34	
Class IV.....	3,014	2,472	26.2	36.6	27.0	30.5	216	456,250	5.85	2.71	1,171	5.2	38.8	33.4	34.5	3,423	86,280	5.53	
Class V.....	1,904	1,246	17.2	18.4	9.4	10.3	223	169,530	6.43	2.89	545	4.3	18.0	12.1	14.5	2,950	33,585	5.12	
Class VI.....	835	325	11.2	4.8	1.8	2.1	214	30,320	5.65	2.64	95	3.3	3.1	1.7	3.6	1,682	6,130	3.82	
Other farms.....	1,706	591	8.6	8.8	2.8	2.8	245	49,020	6.89	2.81	165	2.0	5.5	3.3	3.6	3,226	7,575	4.62	
Area 6.....	14,522	9,399	25.1	100.0	100.0	100.0	258	2,076,192	7.54	2.93	2,161	2.4	100.0	100.0	100.0	2,650	136,062	5.19	
Commercial farms.....	12,741	8,888	25.8	94.6	97.1	97.5	257	2,018,997	7.52	2.93	2,070	2.4	95.8	96.3	95.6	2,668	130,882	5.22	
Class I.....	56	51	64.8	0.5	9.4	4.4	547	198,933	16.24	2.97	5	0.3	0.2	0.2	0.2	3,000	175	3.50	
Class II.....	623	588	36.7	6.3	12.7	12.8	257	282,930	8.06	3.13	168	2.8	7.8	13.2	10.2	2,436	14,629	5.48	
Class III.....	3,570	3,078	31.2	32.7	38.8	42.5	236	814,869	6.97	2.96	857	3.0	39.7	43.2	43.6	2,627	55,543	4.86	
Class IV.....	5,026	3,496	20.9	37.2	27.2	28.9	243	544,820	6.85	2.82	765	2.1	35.4	29.2	31.2	2,474	46,255	5.65	
Class V.....	2,611	1,420	15.7	15.1	7.8	7.8	259	155,090	7.24	2.79	240	1.6	11.1	7.7	8.3	2,485	12,040	5.56	
Class VI.....	855	255	9.2	2.7	1.1	1.1	238	22,355	7.09	2.97	35	1.7	1.6	2.8	2.2	3,381	2,240	3.96	
Other farms.....	1,781	511	12.2	5.4	2.9	2.5	301	57,195	8.40	2.79	91	2.1	4.2	3.7	4.4	2,252	5,180	4.50	
Area 7.....	19,513	10,781	23.0	100.0	100.0	100.0	219	2,392,478	6.29	2.87	3,016	2.5	100.0	100.0	100.0	1,572	93,074	2.23	
Commercial farms.....	17,654	10,272	23.1	95.3	97.9	98.5	218	2,345,071	6.26	2.88	2,984	2.5	98.9	98.0	98.4	1,567	91,607	2.23	
Class I.....	93	88	42.1	0.8	4.6	3.8	264	114,136	7.80	2.95	27	4.3	0.9	1.7	3.5	761	1,657	1.12	
Class II.....	2,008	1,792	37.3	16.6	31.3	32.1	214	771,135	6.32	2.96	550	3.5	18.2	30.7	27.2	1,769	25,185	2.22	
Class III.....	6,598	4,592	22.7	42.6	40.1	40.6	217	951,635	6.17	2.85	1,532	2.9	50.8	45.5	47.5	1,504	45,065	2.27	
Class IV.....	6,135	2,850	15.1	26.4	17.5	17.8	215	407,125	6.00	2.79	720	1.5	23.9	16.7	16.4	1,602	15,645	2.29	
Class V.....	2,260	815	12.0	7.6	3.9	3.6	238	88,395	6.45	2.71	140	1.0	4.6	3.0	2.7	1,754	3,685	3.23	
Class VI.....	560	135	11.7	1.3	0.5	0.5	199	12,645	6.59	3.31	15	2.3	0.5	0.4	0.9	753	370	0.96	
Other farms.....	1,859	509	15.9	4.7	2.1	1.5	298	47,407	8.10	2.72	32	1.9	1.1	2.0	1.6	1,886	1,467	2.14	
Areas 8 and B.....	27,109	21,101	41.9	100.0	100.0	100.0	212	7,098,753	6.46	3.05	5,732								

USE OF FERTILIZER AND LIME

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Table 4--USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS:
CENSUS OF 1954--Continued

State, economic area, and economic class of farm	Total number of farms	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
Wyoming—Continued																		
Area 1.....	2,271	145	0.7	100.0	100.0	100.0	215	40,757	6.70	3.11	...	...	...	...	...	...	...	...
Commercial farms.....	1,921	134	0.7	92.4	99.4	98.9	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...
Class I.....	288	15	0.5	10.3	18.6	23.0	175	7,692	5.50	3.15	...	...	...	...	...	...	...	...
Class II.....	350	33	1.0	22.8	37.3	36.2	222	14,598	6.64	2.99	...	...	...	...	...	...	...	...
Class III.....	494	57	0.9	39.3	27.0	25.4	229	10,529	6.82	2.97	...	...	...	...	...	...	...	...
Class IV.....	411	13	0.4	9.0	2.7	5.2	114	1,898	6.03	5.27	...	...	...	...	...	...	...	...
Class V.....	308	16	1.5	11.0	13.7	9.1	324	5,678	10.23	3.15	...	...	...	...	...	...	...	...
Class VI.....	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms.....	350	11	0.3	7.6	0.6	1.1	116	362	5.25	4.52	...	...	...	...	...	...	...	...
Area 2a.....	4,230	1,413	12.1	100.0	100.0	100.0	191	649,760	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Commercial farms.....	3,318	1,320	12.6	93.4	98.8	98.9	191	642,695	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Class I.....	259	137	15.0	9.7	23.7	25.2	180	154,427	7.76	4.31	...	...	...	...	...	...	...	...
Class II.....	702	380	16.3	26.9	36.8	33.1	213	244,212	9.34	4.39	5	0.4	100.0	100.0	100.0	1,024	750	1.18
Class III.....	822	374	11.1	26.5	20.8	20.4	195	136,735	8.47	4.35	...	...	...	...	...	...	...	...
Class IV.....	813	325	11.9	23.0	14.5	17.0	163	88,838	6.61	4.05	...	...	...	...	...	...	...	...
Class V.....	479	88	4.8	6.2	2.7	3.0	172	16,713	6.99	4.06	...	...	...	...	...	...	...	...
Class VI.....	243	16	1.0	1.1	0.3	0.2	214	1,770	9.47	4.42	...	...	...	...	...	...	...	...
Other farms.....	912	93	2.7	6.6	1.2	1.1	209	7,065	8.30	3.97	...	...	...	...	...	...	...	...
Area 2b.....	4,854	731	2.7	100.0	100.0	100.0	197	310,964	8.58	4.35	2	(2)	100.0	100.0	100.0	1,912	1,208	3.78
Commercial farms.....	4,394	715	2.7	97.8	99.0	98.7	198	308,666	8.62	4.36	2	(2)	100.0	100.0	100.0	1,912	1,208	3.78
Class I.....	394	77	3.3	10.5	23.2	22.4	204	68,532	8.44	4.14	1	0.1	50.0	98.0	93.8	2,000	1,188	3.96
Class II.....	900	207	3.0	28.3	30.7	29.8	203	96,131	8.89	4.38	...	...	...	...	...	...	...	...
Class III.....	1,242	267	3.4	36.5	33.1	32.4	201	106,114	9.03	4.49	1	(2)	50.0	2.0	6.2	600	20	1.00
Class IV.....	955	101	1.6	13.8	8.6	9.8	173	27,199	7.68	4.43	...	...	...	...	...	...	...	...
Class V.....	647	47	1.0	6.4	2.1	3.0	142	6,440	6.00	4.24	...	...	...	...	...	...	...	...
Class VI.....	256	16	2.0	2.2	1.3	1.4	188	4,250	8.33	4.43	...	...	...	...	...	...	...	...
Other farms.....	460	16	1.0	2.2	1.0	1.3	149	2,298	5.05	3.38	...	...	...	...	...	...	...	...

2 Less than 0.05.