

County Table 7.—USE OF FERTILIZER AND LIME ON FARMS AND FARM EXPENDITURES:  
CENSUSES OF 1959 AND 1954

[Data are based on reports for only a sample of farms. See text.]

Item (For definitions and explanations, see text)	The State	Apache	Cochise	Coconino	Gila	Graham	Greenlee
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>							
1 Commercial fertilizer and fertilizing materials used during the year..... farms reporting 1959...	3,133	27	305	9	...	166	32
2 1954.....	3,397	5	239	12	20	58	28
3 acres on which used 1959.....	815,300	708	50,819	1,911	...	15,476	832
4 1954.....	799,188	106	21,466	81	385	5,924	943
5 tons 1959.....	139,094	73	6,281	154	...	1,678	107
6 1954.....	124,008	12	1,714	12	58	1,021	120
7 Dry materials..... farms reporting 1959.....	2,657	27	216	9	...	137	26
8 1954.....	113,370	73	3,785	154	...	1,322	98
9 Liquid materials..... farms reporting 1959.....	1,354	...	149	...	...	72	6
10 1954.....	25,724	...	2,496	...	...	356	9
<b>Crops on which used—</b>							
11 Hay and cropland pasture..... farms reporting 1959.....	830	26	68	4	...	28	...
12 1954.....	959	5	43	2	20	14	22
13 acres 1959.....	100,065	688	1,907	161	...	710	...
14 1954.....	82,500	106	912	66	370	530	548
15 Dry materials..... farms reporting 1959.....	676	26	50	4	...	27	...
16 1954.....	9,237	70	253	14	...	90	...
17 Liquid materials..... farms reporting 1959.....	224	...	24	...	...	6	...
18 1954.....	2,443	...	76	...	...	6	...
19 Other pasture (not cropland)..... farms reporting 1959.....	101	1	7	...	...	7	...
20 1954.....	47	...	6	...	5	...	...
21 acres 1959.....	1,805	15	95	...	...	147	...
22 1954.....	759	...	225	...	15	...	...
23 Dry materials..... farms reporting 1959.....	94	1	6	...	...	7	...
24 1954.....	223	2	15	...	...	13	...
25 Liquid materials..... farms reporting 1959.....	13	...	1	...	...	...	...
26 1954.....	36	...	5	...	...	...	...
27 Sorghums..... farms reporting 1959.....	760	...	154	...	...	36	2
28 1954.....	NA	NA	NA	NA	NA	NA	NA
29 acres 1959.....	105,658	...	31,998	...	...	2,372	80
30 1954.....	NA	NA	NA	NA	NA	NA	NA
31 Dry materials..... farms reporting 1959.....	456	...	76	...	...	18	2
32 1954.....	7,910	...	1,099	...	...	178	2
33 Liquid materials..... farms reporting 1959.....	372	...	91	...	...	18	1
34 1954.....	4,065	...	1,846	...	...	66	2
35 Barley..... farms reporting 1959.....	658	...	1	...	...	75	1
36 1954.....	NA	NA	NA	NA	NA	NA	NA
37 acres 1959.....	105,611	...	120	...	...	5,170	40
38 1954.....	NA	NA	NA	NA	NA	NA	NA
39 Dry materials..... farms reporting 1959.....	529	...	1	...	...	67	...
40 1954.....	10,331	...	12	...	...	593	...
41 Liquid materials..... farms reporting 1959.....	225	...	...	...	...	18	1
42 1954.....	2,214	...	...	...	...	49	1
43 Cotton..... farms reporting 1959.....	2,031	...	194	...	...	116	32
44 1954.....	2,093	...	171	...	...	40	6
45 acres 1959.....	315,454	...	11,669	...	...	6,738	712
46 1954.....	383,308	...	11,664	...	...	3,459	220
47 Dry materials..... farms reporting 1959.....	1,631	...	123	...	...	82	26
48 1954.....	43,576	...	1,461	...	...	424	96
49 Liquid materials..... farms reporting 1959.....	880	...	92	...	...	55	6
50 1954.....	9,826	...	331	...	...	233	6
51 All other crops..... farms reporting 1959.....	1,210	5	48	5	...	8	...
52 1954.....	186,707	5	5,030	1,750	...	339	...
53 Dry materials..... farms reporting 1959.....	1,009	5	37	5	...	3	...
54 1954.....	42,093	1	945	140	...	24	...
55 Liquid materials..... farms reporting 1959.....	437	...	24	...	...	5	...
56 1954.....	7,140	...	238	...	...	2	...
57 Lime or liming materials used during the year..... farms reporting 1959.....	...	...	...	...	...	...	...
58 1954.....	14	...	5	...	...	...	...
59 acres limed 1959.....	...	...	...	...	...	...	...
60 1954.....	1,394	...	250	...	...	...	...
61 tons 1959.....	...	...	...	...	...	...	...
62 1954.....	1,245	...	250	...	...	...	...
<b>SPECIFIED FARM EXPENDITURES</b>							
63 Any of the following specified expenditures..... farms reporting 1959.....	7,112	186	824	181	155	395	106
64 Feed for livestock and poultry..... farms reporting 1959.....	4,392	144	633	157	140	277	91
65 1954.....	5,995	172	612	133	246	257	141
66 dollars 1959.....	45,859,495	907,233	1,090,934	563,592	220,987	1,562,577	171,870
67 1954.....	21,138,415	379,115	916,800	447,367	425,077	449,769	192,247
68 Purchase of livestock and poultry..... farms reporting 1959.....	2,709	68	413	88	74	203	49
69 1954.....	72,772,985	427,080	2,729,735	538,332	242,210	2,782,077	444,136
70 Machine hire..... farms reporting 1959.....	3,832	80	429	29	32	279	40
71 1954.....	5,014	64	353	54	53	183	101
72 dollars 1959.....	18,809,946	133,696	727,623	48,807	16,957	616,842	46,853
73 1954.....	16,059,529	50,123	594,381	58,924	12,740	246,421	63,709
74 Under \$200..... farms reporting 1959.....	712	40	108	8	22	45	11
75 \$200 to \$999..... farms reporting 1959.....	1,011	25	119	6	2	88	17
76 \$1,000 or more..... farms reporting 1959.....	2,109	15	202	15	8	146	12
77 Hired labor..... farms reporting 1959.....	4,684	92	490	90	66	332	70
78 1954.....	5,492	111	478	101	116	265	132
79 dollars 1959.....	53,217,748	269,053	1,666,317	299,825	166,052	1,515,299	151,313
80 1954.....	51,778,619	419,395	1,329,996	433,338	286,635	1,020,444	283,594
81 Under \$1,000..... farms reporting 1959.....	1,683	51	219	51	26	136	50
82 1954.....	2,147	63	194	64	64	161	69
83 \$1,000 to \$2,499..... farms reporting 1959.....	799	11	114	19	32	55	4
84 1954.....	877	13	148	17	10	30	34
85 \$2,500 or more..... farms reporting 1959.....	2,202	30	157	20	8	141	16
86 1954.....	2,468	35	136	32	42	74	29
87 \$2,500 to \$4,999..... farms reporting 1959.....	646	10	79	5	3	49	12
88 \$5,000 or more..... farms reporting 1959.....	1,556	20	78	15	5	92	4
89 Gasoline and other petroleum fuel and oil for the farm business..... farms reporting 1959.....	6,932	182	812	180	152	389	106
90 1954.....	6,784	182	715	166	194	293	134
91 dollars 1959.....	13,413,390	347,745	875,221	158,202	63,940	510,420	75,019
92 1954.....	10,673,534	146,122	723,751	153,888	89,790	338,214	90,943
93 Seeds, bulbs, plants, and trees..... farms reporting 1959.....	2,892	54	320	43	21	176	43
94 1954.....	4,060,880	22,207	149,995	11,065	1,925	87,365	6,595

NA Not available.

## STATISTICS FOR COUNTIES

County Table 7.—USE OF FERTILIZER AND LIME ON FARMS AND FARM EXPENDITURES:  
CENSUSES OF 1959 AND 1954—Continued

[Data are based on reports for only a sample of farms. See text.]

Item (For definitions and explanations, see text)		Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
USE OF COMMERCIAL FERTILIZER AND LIME										
1	Commercial fertilizer and fertilizing materials used during the year.....	farms reporting 1959...	1,189	21	38	138	444	31	88	645
2		farms reporting 1954...	1,611	17	64	207	532	9	98	497
3	acres on which used 1959...	321,063	2,032	1,521	45,053	192,589	6,395	3,538	173,363	
4		1954...	354,982	2,179	968	46,491	243,761	3,718	4,815	113,369
5	tons 1959...	61,282	164	170	6,296	25,025	585	384	36,895	
6		1954...	55,855	181	77	6,265	33,516	403	511	24,263
7	Dry materials.....	farms reporting 1959...	1,074	20	38	116	362	26	88	518
8		farms reporting 1954...	53,609	149	170	5,604	19,136	545	384	28,341
9	Liquid materials.....	farms reporting 1959...	477	1	...	43	227	13	...	366
10		farms reporting 1954...	7,673	15	...	692	5,889	...	...	8,554
Crops on which used—										
11	Hay and cropland pasture.....	farms reporting 1959...	291	11	32	39	58	12	36	225
12		farms reporting 1954...	419	16	54	51	58	3	63	189
13	acres 1959...	35,695	1,352	1,137	2,203	8,592	681	937	46,002	
14		1954...	38,256	1,027	744	3,872	7,367	314	1,695	26,493
15	Dry materials.....	farms reporting 1959...	241	11	32	35	39	7	36	168
16		farms reporting 1954...	3,584	105	122	253	511	64	101	4,070
17	Liquid materials.....	farms reporting 1959...	69	...	...	7	24	...	...	89
18		farms reporting 1954...	528	...	...	27	229	5	...	1,572
19	Other pasture (not cropland).....	farms reporting 1959...	43	...	6	13	...	3	...	10
20		farms reporting 1954...	22	...	...	8	...	...	...	4
21	acres 1959...	499	...	48	295	2	...	...	...	175
22		1954...	363	...	...	127	...	446	...	17
23	Dry materials.....	farms reporting 1959...	37	...	6	13	...	...	...	11
24		farms reporting 1954...	77	...	4	30	...	45	...	17
25	Liquid materials.....	farms reporting 1959...	6	...	...	...	...	1	...	20
26		farms reporting 1954...	6	...	...	...	...	20	...	5
27	Sorghums.....	farms reporting 1959...	226	1	1	47	150	12	9	122
28		farms reporting 1954...	NA	NA	NA	NA	NA	NA	NA	NA
29	acres 1959...	30,170	315	35	9,649	14,282	1,430	1,111	15,216	
30		1954...	NA	NA	NA	NA	NA	NA	NA	NA
31	Dry materials.....	farms reporting 1959...	160	...	1	29	74	6	9	81
32		farms reporting 1954...	4,239	...	5	424	545	121	16	1,281
33	Liquid materials.....	farms reporting 1959...	93	1	...	22	81	6	...	59
34		farms reporting 1954...	576	15	...	267	622	4	...	667
35	Barley.....	farms reporting 1959...	269	...	...	23	180	2	9	98
36		farms reporting 1954...	NA	NA	NA	NA	NA	NA	NA	NA
37	acres 1959...	54,897	...	...	6,553	28,409	125	283	10,014	
38		1954...	NA	NA	NA	NA	NA	NA	NA	
39	Dry materials.....	farms reporting 1959...	248	...	...	12	120	1	9	71
40		farms reporting 1954...	6,034	...	...	563	1,906	18	24	1,181
41	Liquid materials.....	farms reporting 1959...	55	...	...	15	86	1	...	49
42		farms reporting 1954...	1,089	...	...	100	562	6	...	407
43	Cotton.....	farms reporting 1959...	737	3	...	81	435	15	...	418
44		farms reporting 1954...	877	3	...	130	505	7	...	354
45	acres 1959...	116,081	311	...	24,759	118,709	2,834	...	...	33,641
46		1954...	146,030	459	...	27,281	155,473	1,751	...	36,971
47	Dry materials.....	farms reporting 1959...	662	3	...	69	360	15	...	291
48		farms reporting 1954...	18,032	37	...	4,160	14,023	236	...	5,107
49	Liquid materials.....	farms reporting 1959...	282	...	...	19	195	1	...	230
50		farms reporting 1954...	3,324	...	...	277	3,793	5	...	1,857
51	All other crops.....	farms reporting 1959...	549	9	16	27	111	8	39	385
52		farms reporting 1954...	83,721	54	301	1,594	22,597	879	2,122	68,315
53	Dry materials.....	farms reporting 1959...	479	9	16	26	73	8	39	309
54		farms reporting 1954...	21,643	7	39	174	2,151	61	226	16,682
55	Liquid materials.....	farms reporting 1959...	174	...	...	2	60	...	...	172
56		farms reporting 1954...	2,150	...	...	21	683	...	...	4,046
57	Lime or liming materials used during the year.....	farms reporting 1959...	...	...	...	...	...	...	...	...
58		farms reporting 1954...	5	...	...	1	2	...	...	1
59	acres limed 1959...	...	...	...	...	...	...	...	...	...
60		1954...	200	...	...	720	144	...	...	80
61	tons 1959...	...	...	...	...	...	...	...	...	...
62		1954...	100	...	...	665	210	...	...	20
SPECIFIED FARM EXPENDITURES										
63	Any of the following specified expenditures.....	farms reporting 1959...	2,483	135	230	409	659	122	460	767
64	Feed for livestock and poultry.....	farms reporting 1959...	1,336	113	219	327	261	110	402	182
65		farms reporting 1954...	2,201	140	286	507	395	170	527	208
66	dollars 1959...	28,852,123	186,821	1,040,189	3,555,679	3,035,563	693,973	1,141,823	2,836,131	
67		1954...	12,773,808	260,402	401,575	1,568,443	1,301,518	199,814	939,780	882,700
68	Purchase of livestock and poultry.....	farms reporting 1959...	802	52	126	210	165	66	232	161
69		farms reporting 1954...	45,621,339	279,240	600,541	3,319,830	5,599,750	1,322,278	1,547,507	7,318,930
70	Machine hire.....	farms reporting 1959...	1,493	31	79	125	511	32	90	582
71		farms reporting 1954...	2,286	25	132	173	822	44	244	480
72	dollars 1959...	7,293,837	54,809	59,235	710,360	6,537,701	50,106	152,623	2,360,497	
73		1954...	6,534,054	42,868	27,648	395,147	6,346,397	75,932	152,162	1,459,023
74	Under \$200.....	farms reporting 1959...	240	2	51	22	40	1	42	80
75	\$200 to \$999.....	farms reporting 1959...	426	11	19	19	76	12	20	174
76	\$1,000 or more.....	farms reporting 1959...	827	13	17	84	395	19	28	328
77	Hired labor.....	farms reporting 1959...	1,695	82	101	269	517	89	215	576
78		farms reporting 1954...	2,128	78	138	399	652	75	313	506
79	dollars 1959...	24,912,405	228,805	198,291	2,390,283	7,455,319	584,998	748,883	12,630,905	
80		1954...	23,182,212	206,243	247,202	2,775,319	12,023,500	299,923	716,802	8,554,016
81	Under \$1,000.....	farms reporting 1959...	526	47	65	85	100	4	112	211
82		farms reporting 1954...	829	35	78	167	111	39	182	103
83	\$1,000 to \$2,499.....	farms reporting 1959...	279	10	15	39	85	8	36	92
84		farms reporting 1954...	308	19	24	57	68	4	50	95
85	\$2,500 or more.....	farms reporting 1959...	890	25	21	145	332	77	67	273
86		farms reporting 1954...	991	24	36	175	473	32	81	308
87	\$2,600 to \$4,999.....	farms reporting 1959...	250	13	7	28	56	37	33	64
88	\$5,000 or more.....	farms reporting 1959...	640	12	14	117	276	40	34	209
89	Gasoline and other petroleum fuel and oil for the farm business.....	farms reporting 1959...	2,417	129	212	403	632	122	454	742
90		farms reporting 1954...	2,297	139	234	529	718	149	508	526
91	dollars 1959...	4,201,404	138,352	375,100	632,168	3,912,810	132,759	278,017	1,712,233	
92		1954...	4,146,995	82,518	105,788	610,247	2,535,900	88,584	320,647	1,240,147
93	Seeds, bulbs, plants, and trees.....	farms reporting 1959...	962	47	87	111	433	36	135	424
94		farms reporting 1954...	1,729,668	16,401	15,099	105,314	911,176	39,420	61,798	902,852

NA Not available.