

Table 24.—PURCHASE AND USE OF COMMERCIAL FERTILIZER AND FERTILIZING MATERIAL, BY DIVISIONS AND STATES: 1954

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

Region, division, and State	Fertilizer and fertilizing materials purchased in 1954									Fertilizer and fertilizing materials used in 1954						
	Farms reporting		Tons purchased		Acres on which used			Expenditures for fertilizer (dollars)			Farms reporting	Tons used	Acres fertilized	Percent distribution		
	Total	Per cent of all farms	Total	Average per farm	Total	Per cent of acres fertilized ¹	Pounds used per acre	Total	Per Ton	Per acre fertilized				Farms reporting	Tons used	Acres fertilized
U.S.	2,916,406	61.0	18,953,360	6.5	122,809,445	14.3	309	1,079,265,372	56.94	8.79	2,916,406	18,869,117	122,730,363	100.0	100.0	100.0
The North	1,192,140	58.3	7,924,853	6.6	64,389,194	19.0	246	482,696,702	60.91	7.50	1,192,140	7,874,852	64,383,340	40.9	41.7	52.5
The South	1,582,518	68.3	9,535,730	6.0	48,091,598	19.5	397	475,514,946	49.87	9.89	1,582,518	9,504,953	48,015,803	54.3	50.4	39.1
The West..	141,748	33.5	1,492,777	10.5	10,328,653	3.8	289	121,053,724	81.09	11.72	141,748	1,489,312	10,331,220	4.9	7.9	8.4
Geo. Divisions:																
New England.....	37,190	45.4	363,134	9.8	861,042	18.9	843	21,414,976	58.97	24.87	37,190	362,156	862,483	1.3	1.9	0.7
Middle Atlantic	171,729	66.7	1,363,120	7.9	6,087,665	31.4	448	70,356,033	51.61	11.56	171,729	1,353,042	6,088,042	5.9	7.2	5.0
E.N. Central.....	570,948	71.5	4,056,775	7.1	31,025,850	38.8	262	228,229,489	56.26	7.36	570,948	4,028,354	30,987,807	19.6	21.3	25.2
W.N. Central.....	412,273	45.5	2,141,824	5.2	26,414,637	11.2	162	162,696,204	75.96	6.16	412,273	2,131,300	26,445,008	14.1	11.3	21.5
South Atlantic	680,454	79.2	5,520,538	8.1	20,921,535	48.9	528	261,140,887	47.30	12.48	680,454	5,505,884	20,871,182	23.3	29.2	17.0
E.S. Central.....	620,200	78.6	2,758,444	4.4	15,223,086	37.8	362	135,477,304	49.11	8.90	620,200	2,746,160	15,200,819	21.3	14.6	12.4
W.S. Central.....	281,864	42.2	1,256,748	4.5	11,946,977	7.3	210	78,896,755	62.78	6.60	281,864	1,252,909	11,943,802	9.7	6.7	9.7
Mountain.....	49,538	27.5	373,364	7.5	3,359,908	1.5	222	32,174,689	86.18	9.58	49,538	372,578	3,360,841	1.7	2.0	2.7
Pacific.....	92,210	38.0	1,119,413	12.1	6,968,745	13.0	321	88,879,035	79.40	12.75	92,210	1,116,734	6,970,379	3.2	5.9	5.7
New England:																
Maine.....	10,602	45.4	169,870	16.0	247,611	19.9	1,372	10,238,765	60.27	41.35	10,602	169,516	248,214	0.4	0.9	0.2
New Hampshire...	3,495	33.6	17,829	5.1	69,416	15.4	512	897,137	50.32	12.92	3,495	17,830	69,400	0.1	0.1	0.1
Vermont.....	8,264	51.7	45,664	5.5	211,634	12.7	434	2,202,296	48.23	10.41	8,264	45,565	211,513	0.3	0.2	0.2
Massachusetts...	7,984	46.0	57,156	7.2	165,324	27.6	691	3,461,376	60.56	20.94	7,984	57,121	165,345	0.3	0.3	0.1
Rhode Island.....	836	41.7	5,788	6.9	15,801	27.2	733	328,261	56.71	20.77	836	5,785	15,961	(2)	(2)	(2)
Connecticut.....	6,009	47.1	66,827	11.1	151,256	28.1	884	4,287,141	64.15	28.34	6,009	66,339	152,050	0.2	0.4	0.1
Middle Atlantic:																
New York.....	65,390	61.9	516,900	7.9	2,276,847	22.7	454	27,256,596	52.73	11.97	65,390	511,517	2,275,503	2.2	2.7	1.9
New Jersey.....	12,819	56.5	237,580	18.5	612,597	56.3	776	11,898,511	50.08	19.42	12,819	236,456	612,234	0.4	1.3	0.5
Pennsylvania.....	93,520	72.6	608,640	6.5	3,198,221	38.7	381	31,200,926	51.26	9.76	93,520	605,069	3,200,305	3.2	3.2	2.6
East North Central:																
Ohio.....	137,615	77.7	968,929	7.0	6,659,173	44.3	291	51,710,805	53.37	7.77	137,615	960,887	6,651,712	4.7	5.1	5.4
Indiana.....	118,681	77.3	1,041,298	8.8	8,050,566	54.9	259	60,042,240	57.66	7.46	118,681	1,033,885	8,015,901	4.1	5.5	6.5
Illinois.....	111,544	63.5	1,047,217	9.4	7,918,567	31.4	264	57,905,762	55.29	7.31	111,544	1,039,654	7,917,771	3.8	5.5	6.5
Michigan.....	98,755	71.1	967,238	5.7	4,527,501	42.9	251	32,832,859	57.88	7.25	98,755	962,887	4,516,445	3.4	3.0	3.7
Wisconsin.....	104,353	68.0	432,093	4.1	3,870,043	26.5	223	25,737,823	59.57	6.65	104,353	431,041	3,885,978	3.6	2.3	3.2
West North Central:																
Minnesota.....	74,717	45.2	317,009	4.2	4,186,811	17.6	151	23,202,508	73.19	5.54	74,717	316,116	4,186,625	2.6	1.7	3.4
Iowa.....	112,724	58.4	614,570	5.5	7,038,509	23.8	175	46,968,597	76.43	6.67	112,724	611,572	7,061,395	3.9	3.2	5.8
Missouri.....	113,418	56.3	674,252	5.9	6,122,630	26.5	220	44,794,525	66.44	7.32	113,418	669,657	6,119,189	3.9	3.5	5.0
North Dakota.....	9,984	16.1	53,998	5.4	1,679,632	5.0	64	4,518,316	83.68	2.69	9,984	54,040	1,680,550	0.3	0.3	1.4
South Dakota.....	10,464	16.7	38,490	3.7	550,533	1.3	140	3,211,190	83.43	5.83	10,464	38,307	553,141	0.4	0.2	0.5
Nebraska.....	42,406	42.1	218,027	5.1	2,983,334	7.0	146	21,432,509	98.30	7.18	42,406	217,036	2,993,751	1.5	1.5	2.4
Kansas.....	48,560	40.4	225,478	4.6	3,853,188	9.5	117	18,568,559	82.35	4.82	48,560	224,572	3,850,357	1.7	1.2	3.1
South Atlantic:																
Delaware.....	4,884	77.6	75,080	15.4	315,992	62.4	475	3,907,116	52.04	12.36	4,884	74,813	315,519	0.2	0.4	0.3
Maryland.....	24,439	75.2	264,630	10.8	1,190,896	50.0	444	12,849,050	48.55	10.79	24,439	263,693	1,194,704	0.8	1.4	1.0
D.C.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Virginia.....	98,718	72.4	642,366	6.5	2,361,824	33.5	544	29,099,449	45.30	12.32	98,718	639,716	2,361,501	3.4	3.4	1.9
West Virginia.....	33,898	49.4	67,810	2.0	367,621	9.6	369	3,216,752	47.44	8.75	33,898	67,396	368,807	1.2	0.4	0.3
North Carolina..	231,144	86.3	1,396,400	6.0	4,877,997	65.4	573	69,497,500	49.77	14.25	231,144	1,391,530	4,858,087	7.9	7.4	4.0
South Carolina..	108,274	87.2	776,745	7.2	3,257,202	70.1	477	36,057,990	46.42	11.07	108,274	776,934	3,244,172	3.7	4.1	2.6
Georgia.....	135,581	81.9	1,240,538	9.1	6,231,264	66.6	398	54,658,816	44.06	8.77	135,581	1,237,047	6,209,435	4.6	6.6	5.1
Florida.....	43,516	75.6	1,056,969	24.3	2,318,739	30.5	912	51,854,514	49.06	22.36	43,516	1,056,755	2,318,957	1.5	5.6	1.9
East South Central:																
Kentucky.....	142,400	73.6	556,880	3.9	2,768,319	24.7	402	27,586,147	49.54	9.96	142,400	553,920	2,769,362	4.9	2.9	2.3
Tennessee.....	153,055	75.3	531,456	3.5	3,224,692	33.1	330	26,797,255	50.42	8.31	153,055	528,562	3,225,468	5.2	2.8	2.6
Alabama.....	144,296	81.5	962,434	6.7	4,780,271	53.9	403	40,319,911	41.89	8.43	144,296	959,169	4,764,402	4.9	5.1	3.9
Mississippi.....	180,449	83.6	707,674	3.9	4,449,804	42.8	318	40,773,991	57.62	9.16	180,449	704,509	4,441,587	6.2	3.7	3.6
West South Central:																
Arkansas.....	85,810	59.8	346,810	4.0	2,932,956	29.5	236	22,024,313	63.51	7.51	86,810	345,619	2,931,485	3.0	1.8	2.4
Louisiana.....	73,908	66.5	293,181	4.0	2,477,769	38.2	237	18,927,788	64.56	7.64	73,908	292,256	2,478,387	2.5	1.5	2.0
Oklahoma.....	30,049	25.3	126,017	4.2	1,971,729	7.1	128	7,123,289	56.53	3.61	30,049	125,716	1,969,905	1.0	0.7	1.6
Texas.....	91,097	31.1	490,740	5.4	4,564,523	3.8	215	30,821,365	62.81	6.75	91,097	489,318	4,564,025	3.1	2.6	3.7
Mountain:																
Montana.....	6,485	19.6	27,432	4.2	637,163	1.2	86	2,225,663	81.13	3.49	6,485	27,341	637,382	0.2	0.1	0.5
Idaho.....	17,357	44.8	110,620	6.4	949,797	8.6	233	8,380,325	75.76	8.82	17,357	110,461	949,815	0.6	0.6	0.8
Wyoming.....	2,289	20.1	11,784	5.1	121,397	0.4	194	1,001,481	84.99	8.25	2,289	11,783	121,443	0.1	0.1	0.1
Colorado.....	9,633	23.6	45,958	4.8	422,476	1.4	218	3,930,657	85.53	9.30	9,633	45,819				