

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Missouri	Adair	Andrew	Atchison	Audrain	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	38,344	314	277	317	416
	2017	45,522	338	362	315	498
acres treated, 2022	9,360,591	67,507	65,123	177,717	185,162	
	2017	10,690,562	77,396	100,258	205,211	238,902
Cropland fertilized, except cropland pasture .....	farms, 2022	26,866	256	251	300	377
	2017	30,933	240	310	296	445
acres treated, 2022	7,495,619	54,481	61,102	175,810	178,553	
	2017	8,246,267	57,790	94,228	199,882	225,771
Pastureland and rangeland fertilized .....	farms, 2022	17,594	100	70	34	85
	2017	24,483	159	96	67	145
acres treated, 2022	1,864,972	13,026	4,021	1,907	6,609	
	2017	2,444,295	19,606	6,030	5,329	13,131
Manure .....	farms, 2022	9,212	82	46	25	146
	2017	10,287	82	64	18	183
acres treated, 2022	737,496	5,295	2,973	5,737	10,324	
	2017	777,004	5,757	2,759	4,167	17,164
Organic fertilizer .....	farms, 2022	1,331	18	7	8	28
	2017	1,744	5	8	6	29
acres treated, 2022	123,589	587	538	(D)	10,476	
	2017	163,405	333	5,890	507	3,461
Acres treated to control- Insects .....	farms, 2022	8,479	86	106	138	174
	2017	10,364	86	122	118	215
acres, 2022	2,969,896	22,833	22,039	81,626	74,181	
	2017	4,816,682	31,573	51,171	97,695	137,470
Weeds, grass, or brush .....	farms, 2022	30,177	269	291	350	408
	2017	29,156	217	331	295	410
acres, 2022	10,237,472	66,604	95,100	233,617	237,084	
	2017	10,652,295	69,085	128,014	250,377	270,696
Nematodes .....	farms, 2022	2,565	28	37	41	75
	2017	1,933	15	20	47	56
acres, 2022	863,541	3,354	7,829	30,622	19,190	
	2017	819,629	4,369	13,420	38,175	31,576
Diseases in crops and orchards .....	farms, 2022	3,711	21	43	51	67
	2017	3,255	24	45	29	87
acres, 2022	1,235,388	2,370	9,426	40,870	24,576	
	2017	1,428,334	3,888	12,364	25,297	26,258
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	1,659	5	5	4	12
	2017	744	1	3	3	5
acres on which used, 2022	427,563	47	830	1,224	563	
	2017	333,904	(D)	(D)	220	127
Item	Barry	Barton	Bates	Benton	Bollinger	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	512	470	499	249	336
	2017	628	487	627	332	446
acres treated, 2022	74,129	186,665	159,977	39,767	46,330	
	2017	86,255	164,045	188,251	54,835	67,207
Cropland fertilized, except cropland pasture .....	farms, 2022	213	377	335	138	211
	2017	300	337	427	186	274
acres treated, 2022	29,493	164,114	124,630	25,191	28,975	
	2017	40,057	131,442	138,214	29,145	40,535
Pastureland and rangeland fertilized .....	farms, 2022	359	169	246	148	196
	2017	460	270	391	220	317
acres treated, 2022	44,636	22,551	35,347	14,576	17,355	
	2017	46,198	32,603	50,037	25,690	26,672
Manure .....	farms, 2022	179	138	96	100	49
	2017	208	122	131	88	59
acres treated, 2022	25,595	25,879	8,130	7,299	1,815	
	2017	27,181	20,170	10,130	7,226	2,350
Organic fertilizer .....	farms, 2022	15	4	20	14	20
	2017	25	17	28	14	23
acres treated, 2022	6,517	290	2,520	752	1,611	
	2017	3,097	2,545	5,819	976	1,239
Acres treated to control- Insects .....	farms, 2022	39	157	112	38	43
	2017	75	169	160	46	42
acres, 2022	2,927	54,635	62,113	6,697	6,406	
	2017	18,760	76,928	85,893	7,089	8,239
Weeds, grass, or brush .....	farms, 2022	335	410	408	195	206
	2017	417	348	412	157	175
acres, 2022	52,866	197,858	186,850	33,197	29,475	
	2017	58,604	165,212	197,024	34,195	42,253
Nematodes .....	farms, 2022	7	38	33	6	8
	2017	5	20	10	2	9
acres, 2022	(D)	7,587	13,359	233	220	
	2017	(D)	8,517	8,520	(D)	1,298
Diseases in crops and orchards .....	farms, 2022	22	70	55	13	14
	2017	17	71	63	7	14
acres, 2022	698	18,108	23,526	3,090	1,334	
	2017	9,789	25,406	28,389	(D)	3,415
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	16	14	37	11	9
	2017	14	5	7	-	1
acres on which used, 2022	364	294	933	152	609	
	2017	2,353	139	321	-	(D)

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Boone	Buchanan	Butler	Caldwell	Callaway	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	398	332	221	294	478
	2017	449	421	255	299	575
acres treated, 2022	62,344	63,380	145,121	56,507	78,504	78,504
	2017	68,707	97,932	137,334	78,083	108,550
Cropland fertilized, except cropland pasture .....	farms, 2022	271	285	165	224	320
	2017	311	335	183	226	350
acres treated, 2022	55,518	60,404	140,129	49,640	64,708	64,708
	2017	56,663	89,574	132,279	63,560	89,603
Pastureland and rangeland fertilized .....	farms, 2022	154	86	63	104	207
	2017	203	143	89	126	323
acres treated, 2022	6,826	2,976	4,992	6,867	13,796	13,796
	2017	12,044	8,358	5,055	14,523	18,947
Manure .....	farms, 2022	119	51	19	61	126
	2017	106	69	16	54	121
acres treated, 2022	4,842	1,985	3,798	1,972	5,113	5,113
	2017	4,824	1,380	730	1,499	5,737
Organic fertilizer .....	farms, 2022	26	6	8	8	11
	2017	34	14	12	13	21
acres treated, 2022	753	60	63	400	281	281
	2017	1,340	788	165	10,776	1,369
Acres treated to control- Insects .....	farms, 2022	110	106	85	80	86
	2017	125	162	122	45	136
acres, 2022	13,408	19,433	51,167	31,647	19,136	19,136
	2017	37,492	37,027	71,938	23,484	52,696
Weeds, grass, or brush .....	farms, 2022	325	328	213	306	385
	2017	254	342	200	253	353
acres, 2022	80,830	82,491	193,336	85,734	80,812	80,812
	2017	90,596	118,422	191,064	102,844	95,191
Nematodes .....	farms, 2022	14	29	11	12	37
	2017	36	35	10	5	22
acres, 2022	4,318	4,421	6,897	1,506	5,326	5,326
	2017	10,961	7,961	1,469	600	13,140
Diseases in crops and orchards .....	farms, 2022	52	32	61	7	55
	2017	47	31	67	13	44
acres, 2022	6,848	7,540	41,320	(D)	12,142	12,142
	2017	21,125	7,862	37,673	(D)	14,126
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	17	10	20	4	32
	2017	4	9	16	4	10
acres on which used, 2022	231	329	5,793	378	1,479	1,479
	2017	4	6,345	3,201	116	160
Item	Camden	Cape Girardeau	Carroll	Carter	Cass	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	191	555	492	46	433
	2017	218	667	525	81	593
acres treated, 2022	24,340	119,453	183,627	3,721	91,550	91,550
	2017	23,592	162,319	186,576	9,772	115,218
Cropland fertilized, except cropland pasture .....	farms, 2022	95	449	433	21	307
	2017	99	489	456	37	416
acres treated, 2022	7,238	103,378	171,431	1,410	79,150	79,150
	2017	7,476	137,959	172,724	2,297	98,504
Pastureland and rangeland fertilized .....	farms, 2022	130	229	108	29	170
	2017	173	364	166	58	269
acres treated, 2022	17,102	16,075	12,196	2,311	12,400	12,400
	2017	16,116	24,360	13,852	7,475	16,714
Manure .....	farms, 2022	19	142	26	7	110
	2017	43	192	50	9	106
acres treated, 2022	1,314	7,798	1,799	409	7,397	7,397
	2017	2,360	7,401	2,583	489	4,391
Organic fertilizer .....	farms, 2022	4	13	8	3	10
	2017	8	17	12	5	12
acres treated, 2022	170	1,908	684	46	336	336
	2017	634	1,234	911	730	498
Acres treated to control- Insects .....	farms, 2022	11	145	188	5	89
	2017	12	175	217	5	96
acres, 2022	587	50,734	82,262	224	31,797	31,797
	2017	738	81,837	140,948	(D)	50,118
Weeds, grass, or brush .....	farms, 2022	73	498	531	24	390
	2017	95	469	482	34	410
acres, 2022	5,333	138,551	231,370	840	128,054	128,054
	2017	7,558	153,248	254,296	1,871	137,732
Nematodes .....	farms, 2022	3	38	53	5	27
	2017	3	12	46	-	8
acres, 2022	9	7,106	9,724	10	8,196	8,196
	2017	3	3,000	12,998	-	7,873
Diseases in crops and orchards .....	farms, 2022	8	81	70	2	53
	2017	-	69	60	2	31
acres, 2022	126	20,613	28,410	(D)	12,552	12,552
	2017	-	23,120	18,285	(D)	19,822
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	6	32	9	3	18
	2017	-	6	3	-	4
acres on which used, 2022	16	3,133	801	4	316	316
	2017	-	(D)	(D)	-	12

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Cedar	Chariton	Christian	Clark	Clay	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	318	478	362	262	158
	2017	360	547	434	298	176
acres treated, 2022	53,371	170,463	37,997	83,741	29,481	
	2017	56,287	173,507	40,599	129,183	31,620
Cropland fertilized, except cropland pasture	farms, 2022	155	415	192	234	104
	2017	183	433	210	259	135
acres treated, 2022	26,139	150,884	18,303	78,940	23,396	
	2017	23,977	149,333	16,806	120,511	25,868
Pastureland and rangeland fertilized	farms, 2022	225	141	220	66	66
	2017	262	222	309	106	69
acres treated, 2022	27,232	19,579	19,694	4,801	6,085	
	2017	32,310	24,174	23,793	8,672	5,752
Manure	farms, 2022	101	77	66	59	67
	2017	63	60	92	46	52
acres treated, 2022	11,725	5,068	2,347	2,503	938	
	2017	5,628	6,802	8,247	2,332	1,658
Organic fertilizer	farms, 2022	23	5	6	2	6
	2017	23	18	21	2	7
acres treated, 2022	1,604	(D)	564	(D)	347	
	2017	2,727	2,740	681	(D)	200
Acres treated to control- Insects	farms, 2022	32	130	30	87	32
	2017	26	216	61	124	44
acres, 2022	6,964	55,488	544	33,030	7,209	
	2017	3,430	130,602	4,689	86,787	12,291
Weeds, grass, or brush	farms, 2022	201	457	243	243	167
	2017	212	410	262	220	125
acres, 2022	32,247	189,426	17,963	99,161	40,107	
	2017	29,181	213,061	15,130	149,217	44,530
Nematodes	farms, 2022	5	49	6	29	10
	2017	-	41	-	43	4
acres, 2022	156	11,300	24	10,726	3,368	
	2017	-	15,195	-	10,555	3,872
Diseases in crops and orchards	farms, 2022	4	58	9	25	10
	2017	3	40	5	13	9
acres, 2022	30	11,797	27	10,643	37	
	2017	(D)	13,151	(D)	3,944	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	8	39	15	5	4
	2017	1	-	2	4	2
acres on which used, 2022	295	2,752	676	139	14	
	2017	(D)	-	(D)	(D)	(D)

  

Item	Clinton	Cole	Cooper	Crawford	Dade	Dallas	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	220	547	441	217	327	318
	2017	250	760	525	292	396	454
acres treated, 2022	80,979	49,628	114,849	22,444	95,266	27,485	
	2017	99,143	68,591	113,280	33,839	106,890	45,693
Cropland fertilized, except cropland pasture	farms, 2022	167	315	349	77	170	191
	2017	187	446	403	136	233	258
acres treated, 2022	73,864	20,709	95,436	4,671	61,820	13,565	
	2017	91,526	30,830	91,915	8,741	57,578	16,523
Pastureland and rangeland fertilized	farms, 2022	90	388	181	163	198	173
	2017	94	549	240	204	279	300
acres treated, 2022	7,115	28,919	19,413	17,773	33,446	13,920	
	2017	7,617	37,761	21,365	25,098	49,312	29,170
Manure	farms, 2022	74	147	89	62	64	135
	2017	56	156	107	45	60	152
acres treated, 2022	6,377	5,398	10,605	1,699	14,017	10,406	
	2017	5,072	6,560	8,336	1,380	15,238	9,458
Organic fertilizer	farms, 2022	11	15	11	4	11	27
	2017	8	20	19	9	15	35
acres treated, 2022	188	782	838	6	718	1,915	
	2017	599	1,378	1,101	721	1,910	3,822
Acres treated to control- Insects	farms, 2022	69	44	88	11	50	19
	2017	107	70	168	22	62	34
acres, 2022	23,793	1,879	22,276	251	8,051	286	
	2017	72,236	5,103	62,197	2,309	26,961	1,329
Weeds, grass, or brush	farms, 2022	212	292	383	84	243	130
	2017	197	338	350	101	237	167
acres, 2022	105,049	19,924	129,007	8,120	82,186	11,189	
	2017	120,357	27,233	118,347	9,394	78,396	10,464
Nematodes	farms, 2022	18	13	41	3	16	10
	2017	15	6	26	2	14	-
acres, 2022	893	1,001	20,518	6	4,332	129	
	2017	4,081	393	4,842	(D)	4,201	-
Diseases in crops and orchards	farms, 2022	23	21	49	18	16	19
	2017	23	6	44	8	18	9
acres, 2022	15,031	812	9,699	286	2,598	162	
	2017	(D)	167	21,910	(D)	8,947	47
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	5	16	9	13	12	17
	2017	3	3	4	5	2	-
acres on which used, 2022	48	1,013	420	299	262	163	
	2017	90	3	(D)	10	(D)	-

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Daviess	DeKalb	Dent	Douglas	Dunklin	Franklin	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	363	252	214	374	202	691
	2017	425	272	292	412	204	912
acres treated, 2022	92,130	68,423	21,615	48,279	226,408	89,427	89,427
	2017	93,903	87,656	35,459	50,314	197,775	92,941
Cropland fertilized, except cropland pasture	farms, 2022	309	196	106	181	197	462
	2017	336	214	154	204	199	612
acres treated, 2022	86,387	57,927	6,379	13,695	226,157	67,405	67,405
	2017	77,257	72,897	8,639	14,535	197,525	55,030
Pastureland and rangeland fertilized	farms, 2022	91	97	151	248	6	382
	2017	174	126	215	295	9	555
acres treated, 2022	5,743	10,496	15,236	34,584	251	22,022	22,022
	2017	16,646	14,759	26,820	35,779	250	37,911
Manure	farms, 2022	70	52	29	74	2	247
	2017	129	52	42	60	-	286
acres treated, 2022	3,646	1,510	2,658	4,323	(D)	6,647	6,647
	2017	5,495	2,014	1,806	4,300	-	7,361
Organic fertilizer	farms, 2022	8	11	2	12	2	33
	2017	20	9	11	25	5	50
acres treated, 2022	402	(D)	(D)	261	(D)	1,333	1,333
	2017	647	549	850	1,321	4,330	2,578
Acres treated to control- Insects	farms, 2022	119	51	28	14	124	129
	2017	124	80	21	13	160	103
acres, 2022	32,048	15,609	483	597	122,486	12,339	12,339
	2017	54,404	53,531	334	910	153,987	15,953
Weeds, grass, or brush	farms, 2022	352	264	120	212	211	480
	2017	333	202	143	199	196	482
acres, 2022	153,838	86,121	6,473	32,089	273,203	78,630	78,630
	2017	108,787	86,264	12,506	19,918	224,138	54,348
Nematodes	farms, 2022	36	19	2	3	82	35
	2017	23	18	5	1	45	16
acres, 2022	6,655	2,176	(D)	9	80,392	3,084	3,084
	2017	6,926	11,352	9	(D)	35,517	1,218
Diseases in crops and orchards	farms, 2022	54	20	8	16	84	47
	2017	34	23	8	-	75	36
acres, 2022	19,850	4,145	15	64	66,996	2,950	2,950
	2017	14,123	16,063	13	-	51,671	6,663
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	7	12	-	15	107	38
	2017	1	-	4	-	101	10
acres on which used, 2022	103	163	-	903	126,096	856	856
	2017	(D)	-	(D)	-	93,256	1,041

  

Item	Gasconade	Gentry	Greene	Grundy	Harrison	Henry	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	394	234	463	207	329	453
	2017	511	259	619	266	384	451
acres treated, 2022	46,942	76,142	41,745	86,589	96,718	128,811	128,811
	2017	65,784	77,189	53,901	60,731	120,079	142,017
Cropland fertilized, except cropland pasture	farms, 2022	229	200	249	179	277	303
	2017	328	199	298	203	294	289
acres treated, 2022	24,727	62,411	19,845	79,207	88,411	96,430	96,430
	2017	35,509	62,239	25,350	53,183	103,214	97,577
Pastureland and rangeland fertilized	farms, 2022	261	81	281	75	85	216
	2017	351	109	411	112	161	271
acres treated, 2022	22,215	13,731	21,900	7,382	8,308	32,381	32,381
	2017	30,275	14,950	28,551	7,548	16,865	44,440
Manure	farms, 2022	122	51	129	52	42	75
	2017	122	54	117	83	78	96
acres treated, 2022	7,606	7,491	3,896	4,161	7,697	9,841	9,841
	2017	5,635	2,422	6,829	4,809	5,199	14,275
Organic fertilizer	farms, 2022	10	3	35	8	6	5
	2017	14	3	35	7	7	3
acres treated, 2022	721	(D)	5,129	274	520	2,366	2,366
	2017	892	(D)	3,969	434	375	(D)
Acres treated to control- Insects	farms, 2022	50	75	75	59	76	82
	2017	65	87	86	66	112	85
acres, 2022	3,563	20,659	2,103	41,357	37,695	42,955	42,955
	2017	7,675	35,887	4,538	25,855	66,485	45,865
Weeds, grass, or brush	farms, 2022	230	214	336	197	316	324
	2017	243	215	324	187	297	313
acres, 2022	27,181	93,015	23,092	110,583	151,082	137,668	137,668
	2017	30,227	87,683	25,374	73,339	139,717	134,920
Nematodes	farms, 2022	11	13	20	17	20	25
	2017	10	11	8	9	39	19
acres, 2022	438	6,481	317	22,123	14,855	6,254	6,254
	2017	1,400	5,931	321	1,692	16,279	5,045
Diseases in crops and orchards	farms, 2022	24	19	47	15	26	38
	2017	20	25	12	25	33	30
acres, 2022	1,273	6,607	1,537	5,365	35,846	5,996	5,996
	2017	2,268	10,477	1,064	3,244	23,723	10,327
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	15	1	18	4	6	11
	2017	10	5	6	6	-	1
acres on which used, 2022	134	(D)	208	1,165	334	86	86
	2017	676	726	18	611	-	(D)

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Hickory	Holt	Howard	Howell	Iron	Jackson	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	194	313	251	553	91	190
	2017	240	274	333	712	88	228
acres treated, 2022	31,873	126,503	69,755	71,411	20,178	26,583	
	2017	39,175	142,980	72,986	92,964	9,381	36,957
Cropland fertilized, except cropland pasture	farms, 2022	107	307	217	254	35	133
	2017	148	262	268	323	50	182
acres treated, 2022	17,133	120,797	62,981	20,590	3,588	24,118	
	2017	17,651	139,686	62,288	21,448	3,023	30,200
Pastureland and rangeland fertilized	farms, 2022	113	32	58	403	65	73
	2017	157	45	102	558	56	71
acres treated, 2022	14,740	5,706	6,774	50,821	16,590	2,465	
	2017	21,524	3,294	10,698	71,516	6,358	6,757
Manure	farms, 2022	36	30	34	129	25	78
	2017	30	17	41	150	5	43
acres treated, 2022	13,617	2,755	2,753	20,640	599	1,013	
	2017	6,835	1,744	1,531	12,092	384	1,816
Organic fertilizer	farms, 2022	6	3	11	18	6	28
	2017	16	3	5	46	5	17
acres treated, 2022	217	(D)	1,898	2,622	147	102	
	2017	1,604	451	990	3,860	430	167
Acres treated to control- Insects	farms, 2022	22	125	71	54	8	45
	2017	22	142	124	72	3	76
acres, 2022	6,434	59,096	17,572	2,109	435	6,582	
	2017	2,979	102,116	35,154	5,506	25	23,780
Weeds, grass, or brush	farms, 2022	100	318	259	341	48	181
	2017	104	261	274	372	17	181
acres, 2022	24,125	159,845	81,611	29,963	11,465	39,006	
	2017	14,204	173,776	94,230	34,013	1,719	59,090
Nematodes	farms, 2022	1	31	26	5	1	11
	2017	1	27	31	3	-	9
acres, 2022	(D)	16,517	5,444	64	(D)	2,233	
	2017	(D)	43,301	6,563	(D)	-	(D)
Diseases in crops and orchards	farms, 2022	7	57	36	18	3	23
	2017	2	49	34	8	-	30
acres, 2022	77	39,640	6,208	417	9	2,033	
	2017	(D)	54,235	7,649	(D)	-	2,796
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	6	3	13	20	1	3
	2017	2	-	-	2	-	6
acres on which used, 2022	30	105	95	113	(D)	(D)	
	2017	(D)	-	-	(D)	-	71

  

Item	Jasper	Jefferson	Johnson	Knox	Laclede	Lafayette	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	518	237	651	236	524	580
	2017	534	279	697	328	590	634
acres treated, 2022	107,909	30,030	142,584	81,136	65,787	160,233	
	2017	111,987	23,604	153,314	103,778	85,255	194,147
Cropland fertilized, except cropland pasture	farms, 2022	288	170	468	204	309	497
	2017	286	193	451	291	327	535
acres treated, 2022	76,548	18,882	100,185	70,440	28,612	151,720	
	2017	73,166	15,390	108,783	92,307	29,157	180,578
Pastureland and rangeland fertilized	farms, 2022	292	98	326	87	333	170
	2017	370	133	417	99	430	250
acres treated, 2022	31,361	11,148	42,399	10,696	37,175	8,513	
	2017	38,821	8,214	44,531	11,471	56,098	13,569
Manure	farms, 2022	115	60	176	99	86	128
	2017	120	67	151	117	88	173
acres treated, 2022	14,981	1,214	17,142	11,647	7,592	6,761	
	2017	17,970	1,373	14,906	11,443	6,449	9,597
Organic fertilizer	farms, 2022	11	12	25	7	23	17
	2017	20	13	14	15	14	15
acres treated, 2022	422	69	1,527	1,245	898	1,316	
	2017	1,507	616	792	1,531	1,868	444
Acres treated to control- Insects	farms, 2022	72	54	106	63	29	241
	2017	98	38	142	88	34	271
acres, 2022	20,933	2,779	23,496	24,324	963	74,814	
	2017	27,430	1,954	43,846	49,024	2,875	121,233
Weeds, grass, or brush	farms, 2022	388	141	545	238	226	534
	2017	348	133	476	246	220	529
acres, 2022	109,913	17,609	144,632	104,589	16,714	194,010	
	2017	111,982	11,669	138,842	107,230	16,273	217,008
Nematodes	farms, 2022	9	12	38	23	8	69
	2017	10	1	28	22	1	65
acres, 2022	947	981	8,841	4,780	82	16,635	
	2017	1,435	(D)	11,354	14,933	(D)	20,134
Diseases in crops and orchards	farms, 2022	35	18	63	33	12	111
	2017	39	6	40	31	1	101
acres, 2022	6,628	1,826	9,722	7,605	500	31,454	
	2017	10,331	76	12,672	22,070	(D)	25,662
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	9	6	22	3	14	25
	2017	4	1	7	1	1	7
acres on which used, 2022	301	237	943	50	330	1,972	
	2017	(D)	(D)	110	(D)	(D)	683

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Lawrence	Lewis	Lincoln	Linn	Livingston	McDonald
Commercial fertilizer, lime, and soil conditioners .....						
farms, 2022	686	291	518	408	351	247
2017	831	306	557	492	369	328
acres treated, 2022	90,686	116,186	88,147	113,391	101,506	25,558
2017	101,358	98,562	119,282	118,964	112,223	33,324
Cropland fertilized, except cropland pasture .....						
farms, 2022	355	249	423	327	293	90
2017	435	257	439	358	322	131
acres treated, 2022	43,099	111,306	81,237	96,255	95,917	4,780
2017	47,240	91,766	107,079	93,919	104,597	9,947
Pastureland and rangeland fertilized .....						
farms, 2022	448	67	172	149	81	186
2017	587	94	207	223	102	235
acres treated, 2022	47,587	4,880	6,910	17,136	5,589	20,778
2017	54,118	6,796	12,203	25,045	7,626	23,377
Manure .....						
farms, 2022	261	63	111	104	61	168
2017	298	62	126	140	55	179
acres treated, 2022	29,650	6,812	2,370	6,545	5,186	19,925
2017	24,254	4,225	4,542	8,554	2,403	21,572
Organic fertilizer .....						
farms, 2022	33	7	23	7	8	16
2017	62	12	22	11	7	24
acres treated, 2022	1,954	301	522	641	356	618
2017	4,007	408	1,940	225	500	2,406
Acres treated to control-						
Insects .....						
farms, 2022	94	93	125	112	95	33
2017	132	82	173	108	87	30
acres, 2022	13,301	57,623	29,028	33,940	49,638	1,281
2017	16,912	51,911	46,334	19,679	43,095	5,122
Weeds, grass, or brush .....						
farms, 2022	506	263	459	354	387	194
2017	493	219	424	315	321	264
acres, 2022	75,697	140,854	109,369	107,323	163,264	13,929
2017	50,920	111,428	122,091	111,162	155,904	35,482
Nematodes .....						
farms, 2022	14	32	43	27	23	5
2017	9	31	49	13	25	2
acres, 2022	1,912	17,841	8,797	7,065	10,923	158
2017	393	12,599	9,363	2,371	9,978	(D)
Diseases in crops and orchards .....						
farms, 2022	51	40	50	28	30	8
2017	23	20	36	27	29	4
acres, 2022	6,463	25,815	8,651	7,906	14,485	162
2017	3,208	11,854	5,233	3,867	9,296	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2022	2	9	17	13	2	7
2017	2	2	4	-	8	-
acres on which used, 2022	(D)	263	422	567	(D)	209
2017	(D)	(D)	1,901	-	9,349	-
Item	Macon	Madison	Maries	Marion	Mercer	Miller
Commercial fertilizer, lime, and soil conditioners .....						
farms, 2022	433	124	379	268	169	445
2017	489	171	563	302	207	562
acres treated, 2022	129,837	21,259	58,415	79,882	46,969	64,003
2017	138,818	19,752	82,518	125,565	53,994	72,572
Cropland fertilized, except cropland pasture .....						
farms, 2022	353	65	199	236	138	222
2017	360	78	332	267	168	309
acres treated, 2022	112,116	8,270	17,263	77,429	39,861	19,842
2017	113,803	4,881	26,643	121,269	41,300	26,016
Pastureland and rangeland fertilized .....						
farms, 2022	151	82	283	52	50	328
2017	230	152	441	89	77	424
acres treated, 2022	17,721	12,989	41,152	2,453	7,108	44,161
2017	25,015	14,871	55,875	4,296	12,694	46,556
Manure .....						
farms, 2022	111	44	74	40	49	144
2017	114	33	73	61	36	143
acres treated, 2022	3,377	5,682	4,222	3,474	4,718	14,613
2017	7,229	3,322	6,694	3,220	4,354	14,344
Organic fertilizer .....						
farms, 2022	3	8	6	2	4	17
2017	15	7	23	4	7	26
acres treated, 2022	(D)	484	377	(D)	36	1,374
2017	671	495	4,829	357	1,583	3,021
Acres treated to control-						
Insects .....						
farms, 2022	131	6	35	70	42	35
2017	119	4	21	108	31	32
acres, 2022	41,591	1,431	1,539	28,719	11,237	1,318
2017	69,266	60	807	60,671	12,255	1,132
Weeds, grass, or brush .....						
farms, 2022	409	56	179	266	153	233
2017	304	51	303	253	147	255
acres, 2022	139,955	5,483	18,352	111,592	64,715	26,889
2017	142,845	3,365	26,079	141,553	53,997	22,845
Nematodes .....						
farms, 2022	56	5	11	32	11	10
2017	42	-	-	36	8	3
acres, 2022	18,335	39	133	5,069	405	46
2017	18,233	-	-	36,968	624	120
Diseases in crops and orchards .....						
farms, 2022	51	4	5	37	6	27
2017	37	-	3	25	7	3
acres, 2022	8,510	10	(D)	10,598	(D)	2,070
2017	13,374	-	(D)	11,650	(D)	174
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2022	18	8	9	10	7	14
2017	7	1	2	3	2	1
acres on which used, 2022	1,079	67	48	334	235	108
2017	1,085	(D)	(D)	210	(D)	(D)

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Mississippi	Moniteau	Monroe	Montgomery	Morgan	New Madrid	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	149	487	359	396	451	204
	2017	128	668	478	426	518	233
acres treated, 2022	166,186	60,592	123,405	86,409	59,836	212,150	
	2017	126,051	93,737	155,215	112,694	70,546	262,201
Cropland fertilized, except cropland pasture	farms, 2022	149	297	277	344	298	204
	2017	127	414	362	344	293	233
acres treated, 2022	166,186	31,078	110,151	78,433	31,211	(D)	
	2017	125,541	49,910	135,842	98,249	36,354	(D)
Pastureland and rangeland fertilized	farms, 2022	-	296	119	126	257	2
	2017	3	437	195	179	351	1
acres treated, 2022	-	29,514	13,254	7,976	28,625	(D)	
	2017	510	43,827	19,373	14,445	34,192	(D)
Manure	farms, 2022	1	154	107	52	253	5
	2017	5	211	102	67	321	4
acres treated, 2022	(D)	8,058	16,107	1,568	18,143	3,515	
	2017	1,367	14,400	8,126	2,295	21,801	750
Organic fertilizer	farms, 2022	-	19	8	12	16	5
	2017	-	19	13	10	14	1
acres treated, 2022	-	761	238	525	1,170	5,028	
	2017	-	887	1,027	684	924	(D)
Acres treated to control- Insects	farms, 2022	93	58	116	107	49	96
	2017	97	86	150	142	65	182
acres, 2022	144,719	1,521	54,303	23,976	2,641	113,837	
	2017	124,031	8,635	83,115	64,492	5,554	206,310
Weeds, grass, or brush	farms, 2022	154	305	412	346	322	219
	2017	133	336	335	329	256	228
acres, 2022	244,383	36,186	152,591	107,611	30,531	318,019	
	2017	226,165	56,888	163,220	118,475	32,426	387,388
Nematodes	farms, 2022	41	27	27	39	10	70
	2017	39	16	33	38	6	40
acres, 2022	63,246	746	3,566	4,319	123	60,407	
	2017	39,311	5,316	3,579	11,663	292	33,338
Diseases in crops and orchards	farms, 2022	58	29	50	44	18	54
	2017	66	37	41	48	23	70
acres, 2022	77,586	1,013	10,653	6,810	314	58,461	
	2017	57,986	4,389	6,256	18,706	850	61,583
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	5	15	6	7	13	96
	2017	-	9	5	2	2	99
acres on which used, 2022	6,228	288	56	272	117	88,341	
	2017	-	151	(D)	(D)	(D)	67,166

  

Item	Newton	Nodaway	Oregon	Osage	Ozark	Pemiscot	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	484	579	283	694	257	152
	2017	615	679	286	833	312	140
acres treated, 2022	57,851	171,079	40,486	114,110	59,098	157,823	
	2017	72,769	215,469	40,382	111,283	43,011	154,564
Cropland fertilized, except cropland pasture	farms, 2022	243	492	117	452	122	152
	2017	290	569	142	535	149	140
acres treated, 2022	23,008	145,849	10,786	47,577	10,649	157,823	
	2017	29,513	182,303	7,816	42,033	10,867	154,564
Pastureland and rangeland fertilized	farms, 2022	323	219	214	497	181	-
	2017	437	290	217	618	247	-
acres treated, 2022	34,843	25,230	29,700	66,533	48,449	-	
	2017	43,256	33,166	32,566	69,250	32,144	-
Manure	farms, 2022	183	116	32	201	35	-
	2017	229	122	42	256	45	-
acres treated, 2022	25,892	3,644	2,551	11,560	2,998	-	
	2017	30,480	7,791	2,582	16,119	2,284	-
Organic fertilizer	farms, 2022	16	18	13	28	3	5
	2017	28	13	11	45	15	1
acres treated, 2022	683	1,446	479	8,795	(D)	2,280	
	2017	4,779	907	988	3,054	528	(D)
Acres treated to control- Insects	farms, 2022	76	194	39	78	9	104
	2017	76	212	31	96	21	116
acres, 2022	9,187	64,182	1,332	7,493	571	99,682	
	2017	11,334	115,769	766	10,109	1,966	168,549
Weeds, grass, or brush	farms, 2022	332	505	146	412	157	172
	2017	397	565	153	448	207	152
acres, 2022	39,538	211,136	10,473	51,900	26,287	278,343	
	2017	43,872	252,594	13,576	39,298	25,652	278,433
Nematodes	farms, 2022	10	58	5	23	2	36
	2017	15	44	-	13	-	10
acres, 2022	757	15,559	14	1,385	(D)	24,719	
	2017	1,597	23,091	-	1,332	-	22,570
Diseases in crops and orchards	farms, 2022	25	88	7	18	5	69
	2017	27	51	-	14	2	76
acres, 2022	1,785	23,042	(D)	1,810	5	63,342	
	2017	5,015	22,330	-	1,554	(D)	110,641
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	7	14	8	23	7	52
	2017	9	7	-	9	-	46
acres on which used, 2022	272	1,697	12	384	304	38,991	
	2017	882	929	-	577	-	33,682

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Perry	Pettis	Phelps	Pike	Platte	Polk
Commercial fertilizer, lime, and soil conditioners .....						
farms, 2022	445	525	268	436	226	550
2017	517	609	341	493	211	643
acres treated, 2022	69,593	155,084	35,771	115,298	52,830	73,436
2017	93,853	170,863	31,436	147,072	77,235	80,582
Cropland fertilized, except cropland pasture .....						
farms, 2022	330	389	128	384	183	323
2017	372	487	144	405	174	405
acres treated, 2022	54,618	124,855	7,361	105,032	50,853	35,681
2017	73,097	140,142	7,225	130,072	73,921	39,146
Pastureland and rangeland fertilized .....						
farms, 2022	222	273	202	113	62	313
2017	317	274	266	187	56	404
acres treated, 2022	14,975	30,229	28,410	10,266	1,977	37,755
2017	20,756	30,721	24,211	17,000	3,314	41,436
Manure .....						
farms, 2022	98	182	48	74	26	168
2017	114	188	55	115	32	207
acres treated, 2022	3,332	24,977	5,340	2,737	1,041	11,525
2017	2,773	24,720	5,086	4,580	1,250	15,715
Organic fertilizer .....						
farms, 2022	12	19	9	11	4	23
2017	8	28	22	16	13	33
acres treated, 2022	621	5,083	187	365	(D)	784
2017	269	2,944	861	965	529	2,192
Acres treated to control-						
Insects .....						
farms, 2022	105	135	13	119	61	62
2017	126	208	16	178	74	74
acres, 2022	13,437	39,875	(D)	41,001	14,703	3,062
2017	34,557	87,510	105	66,690	40,258	7,947
Weeds, grass, or brush .....						
farms, 2022	375	458	134	418	244	307
2017	328	421	137	378	186	344
acres, 2022	73,493	158,951	9,785	147,071	87,364	38,285
2017	83,318	178,357	9,101	162,454	105,323	36,123
Nematodes .....						
farms, 2022	28	58	1	50	10	8
2017	15	36	1	51	10	4
acres, 2022	2,738	12,028	(D)	14,534	2,730	(D)
2017	2,347	10,135	(D)	14,228	3,118	91
Diseases in crops and orchards .....						
farms, 2022	50	49	5	47	35	29
2017	28	48	6	39	30	25
acres, 2022	5,626	8,552	31	22,345	13,521	2,923
2017	6,551	13,478	28	8,508	10,496	2,501
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2022	5	20	9	20	16	10
2017	12	6	3	2	5	4
acres on which used, 2022	(D)	996	142	1,640	397	256
2017	532	15	(D)	(D)	148	31
Item	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds
Commercial fertilizer, lime, and soil conditioners .....						
farms, 2022	195	209	226	240	363	65
2017	228	289	299	278	366	99
acres treated, 2022	16,536	55,674	91,874	58,845	87,616	4,650
2017	27,119	69,981	115,239	74,742	84,245	9,508
Cropland fertilized, except cropland pasture .....						
farms, 2022	102	175	210	171	283	47
2017	130	226	262	210	288	51
acres treated, 2022	6,189	47,760	88,900	46,919	75,124	2,421
2017	10,730	52,523	109,695	63,391	72,833	3,096
Pastureland and rangeland fertilized .....						
farms, 2022	126	55	32	93	141	67
2017	161	125	91	118	134	25
acres treated, 2022	10,347	7,914	2,974	11,926	12,492	2,229
2017	16,389	17,458	5,544	11,351	11,412	6,412
Manure .....						
farms, 2022	27	72	48	62	39	9
2017	25	48	44	61	54	9
acres treated, 2022	1,062	7,797	4,158	2,887	1,920	(D)
2017	1,296	11,419	1,287	3,261	2,630	825
Organic fertilizer .....						
farms, 2022	8	7	8	9	15	3
2017	7	5	1	11	10	10
acres treated, 2022	251	290	357	465	6,595	68
2017	633	1,418	(D)	293	346	835
Acres treated to control-						
Insects .....						
farms, 2022	15	40	75	72	106	2
2017	1	66	106	82	116	1
acres, 2022	650	9,726	43,932	10,144	34,186	(D)
2017	(D)	15,471	55,120	44,321	54,428	(D)
Weeds, grass, or brush .....						
farms, 2022	80	183	248	242	387	27
2017	85	173	252	177	282	25
acres, 2022	6,510	61,981	116,088	77,018	123,742	1,214
2017	10,801	51,125	131,951	84,479	112,121	561
Nematodes .....						
farms, 2022	5	9	39	17	24	-
2017	2	20	43	32	9	-
acres, 2022	30	810	15,717	1,964	4,685	-
2017	(D)	3,569	10,064	14,124	1,145	-
Diseases in crops and orchards .....						
farms, 2022	13	16	26	31	47	2
2017	7	31	32	33	30	2
acres, 2022	323	3,739	6,631	4,941	7,750	(D)
2017	1,202	3,693	7,585	14,153	10,152	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2022	13	4	11	7	26	2
2017	2	3	-	5	4	-
acres on which used, 2022	125	90	249	558	969	(D)
2017	(D)	(D)	-	(D)	76	-

--continued



**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Ripley	St. Charles	St. Clair	Ste. Genevieve	St. Francois	St. Louis
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	125	319	287	295	182	90
..... farms, 2017	167	365	354	381	273	65
..... acres treated, 2022	28,824	92,837	81,491	59,002	13,299	6,035
..... acres treated, 2017	29,080	86,698	85,414	60,019	28,967	10,134
Cropland fertilized, except cropland pasture ..... farms, 2022	53	304	191	198	99	79
..... farms, 2017	68	309	187	263	148	50
..... acres treated, 2022	17,492	90,647	56,793	49,623	7,940	(D)
..... acres treated, 2017	15,441	84,113	48,573	41,738	13,142	(D)
Pastureland and rangeland fertilized ..... farms, 2022	87	54	166	159	104	12
..... farms, 2017	114	105	233	215	186	18
..... acres treated, 2022	11,332	2,190	24,698	9,379	5,359	(D)
..... acres treated, 2017	13,639	2,585	36,841	18,281	15,825	(D)
Manure ..... farms, 2022	19	64	70	65	69	17
..... farms, 2017	24	81	55	71	61	7
..... acres treated, 2022	3,710	2,073	4,404	1,438	1,463	77
..... acres treated, 2017	3,254	2,678	4,226	1,864	7,106	8
Organic fertilizer ..... farms, 2022	4	14	18	6	11	6
..... farms, 2017	11	6	13	11	22	7
..... acres treated, 2022	(D)	178	1,350	105	702	14
..... acres treated, 2017	1,087	169	1,375	428	1,364	16
Acres treated to control-						
Insects ..... farms, 2022	19	160	64	48	37	46
..... farms, 2017	26	145	71	69	33	28
..... acres, 2022	8,244	46,931	19,148	19,345	1,104	7,576
..... acres, 2017	8,685	45,930	30,802	13,512	1,844	2,586
Weeds, grass, or brush ..... farms, 2022	76	325	196	199	95	81
..... farms, 2017	123	293	231	214	105	43
..... acres, 2022	20,234	117,188	71,652	48,722	11,627	10,326
..... acres, 2017	20,202	107,897	69,742	39,625	7,403	11,064
Nematodes ..... farms, 2022	6	35	24	10	8	19
..... farms, 2017	5	27	10	4	3	3
..... acres, 2022	486	9,559	16,290	149	634	4,302
..... acres, 2017	(D)	6,790	1,052	375	(D)	1,157
Diseases in crops and orchards ..... farms, 2022	14	63	28	22	26	20
..... farms, 2017	11	43	33	21	11	9
..... acres, 2022	6,987	17,722	1,426	2,724	635	2,690
..... acres, 2017	3,691	4,616	9,096	5,020	418	603
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	2	21	24	9	15	9
..... farms, 2017	5	8	2	2	1	-
..... acres on which used, 2022	(D)	671	357	298	475	286
..... acres on which used, 2017	129	285	(D)	(D)	(D)	-
Item	Saline	Schuyler	Scotland	Scott	Shannon	Shelby
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	575	147	305	220	163	313
..... farms, 2017	580	220	403	244	178	348
..... acres treated, 2022	243,158	29,121	76,163	152,767	20,064	110,336
..... acres treated, 2017	244,835	40,402	97,583	125,527	31,349	132,312
Cropland fertilized, except cropland pasture ..... farms, 2022	532	119	267	185	84	251
..... farms, 2017	520	181	355	219	94	301
..... acres treated, 2022	236,907	24,112	70,012	151,419	7,828	102,956
..... acres treated, 2017	232,187	30,789	88,934	121,431	9,514	123,214
Pastureland and rangeland fertilized ..... farms, 2022	95	54	77	47	98	110
..... farms, 2017	144	90	130	140	115	115
..... acres treated, 2022	6,251	5,009	6,151	1,348	12,236	7,380
..... acres treated, 2017	12,648	9,613	8,649	4,096	21,835	9,098
Manure ..... farms, 2022	48	35	132	36	22	57
..... farms, 2017	64	81	163	50	25	56
..... acres treated, 2022	5,118	2,023	14,352	4,124	934	3,080
..... acres treated, 2017	9,866	2,839	14,741	4,311	2,301	2,842
Organic fertilizer ..... farms, 2022	8	1	31	2	1	5
..... farms, 2017	18	13	22	4	9	5
..... acres treated, 2022	4,320	(D)	2,805	(D)	(D)	76
..... acres treated, 2017	1,099	400	1,764	(D)	565	291
Acres treated to control-						
Insects ..... farms, 2022	283	26	84	81	7	97
..... farms, 2017	364	28	108	133	13	156
..... acres, 2022	123,236	3,924	27,839	93,624	533	42,381
..... acres, 2017	212,792	4,710	35,410	114,275	47	95,935
Weeds, grass, or brush ..... farms, 2022	560	119	280	226	70	274
..... farms, 2017	499	112	285	204	82	283
..... acres, 2022	305,839	31,890	95,213	183,260	5,021	147,747
..... acres, 2017	309,277	32,538	126,832	185,453	4,638	138,801
Nematodes ..... farms, 2022	110	9	25	19	-	32
..... farms, 2017	77	10	32	30	3	36
..... acres, 2022	33,475	1,532	5,193	11,035	-	11,713
..... acres, 2017	48,050	1,785	13,607	24,284	12	10,973
Diseases in crops and orchards ..... farms, 2022	123	10	18	47	2	45
..... farms, 2017	135	11	16	79	10	32
..... acres, 2022	63,704	1,783	4,934	30,054	(D)	19,491
..... acres, 2017	87,229	1,075	2,872	82,719	68	11,612
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	9	6	9	32	5	7
..... farms, 2017	3	7	5	12	6	2
..... acres on which used, 2022	482	213	870	16,008	39	425
..... acres on which used, 2017	163	90	(D)	3,249	6	(D)

--continued

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Stoddard	Stone	Sullivan	Taney	Texas	Vernon
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	330	169	210	116	576	608
..... 2017	423	241	256	133	712	616
..... acres treated, 2022	278,220	10,481	47,507	7,321	80,741	191,726
..... 2017	321,317	20,934	68,381	15,864	96,739	187,840
Cropland fertilized, except cropland pasture ..... farms, 2022	280	84	164	45	295	442
..... 2017	357	97	177	69	379	364
..... acres treated, 2022	275,676	3,397	36,730	2,224	26,576	160,772
..... 2017	316,282	5,503	47,501	5,613	30,580	140,953
Pastureland and rangeland fertilized ..... farms, 2022	71	103	66	83	402	263
..... 2017	105	184	124	90	502	357
..... acres treated, 2022	2,544	7,084	10,777	5,097	54,165	30,954
..... 2017	5,035	15,431	20,880	10,251	66,159	46,887
Manure ..... farms, 2022	29	41	34	16	147	180
..... 2017	45	87	46	16	139	182
..... acres treated, 2022	1,967	1,939	5,785	1,181	13,724	18,915
..... 2017	7,423	4,894	6,176	1,516	9,422	26,179
Organic fertilizer ..... farms, 2022	12	4	5	5	25	19
..... 2017	3	13	14	6	50	16
..... acres treated, 2022	466	200	64	48	859	941
..... 2017	(D)	453	1,983	649	3,893	1,889
Acres treated to control-						
Insects ..... farms, 2022	140	20	46	14	39	147
..... 2017	237	31	43	10	28	177
..... acres, 2022	120,276	399	12,795	155	1,015	48,690
..... 2017	255,269	1,132	11,015	345	628	101,982
Weeds, grass, or brush ..... farms, 2022	322	118	183	77	296	486
..... 2017	347	157	167	85	311	395
..... acres, 2022	349,271	6,805	62,088	3,687	25,864	219,388
..... 2017	399,235	12,769	58,589	8,286	26,221	197,166
Nematodes ..... farms, 2022	63	9	9	-	9	23
..... 2017	31	-	5	-	1	10
..... acres, 2022	69,926	83	614	62	63	3,061
..... 2017	11,071	-	393	-	(D)	1,979
Diseases in crops and orchards ..... farms, 2022	93	6	6	7	12	61
..... 2017	125	5	6	8	1	79
..... acres, 2022	65,581	39	662	62	70	14,634
..... 2017	109,326	7	669	107	(D)	32,930
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	73	13	11	3	24	52
..... 2017	97	-	1	-	3	10
..... acres on which used, 2022	93,753	121	596	30	97	4,734
..... 2017	93,851	-	(D)	-	6	1,584
Item	Warren	Washington	Wayne	Webster	Worth	Wright
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	317	117	111	560	161	494
..... 2017	300	212	153	789	141	550
..... acres treated, 2022	43,835	8,402	11,552	54,477	37,789	59,533
..... 2017	62,957	17,566	21,012	73,720	33,402	68,429
Cropland fertilized, except cropland pasture ..... farms, 2022	240	49	45	333	139	292
..... 2017	233	100	71	489	120	328
..... acres treated, 2022	38,633	2,418	3,056	23,289	33,124	22,572
..... 2017	55,003	5,479	13,473	34,327	28,554	26,995
Pastureland and rangeland fertilized ..... farms, 2022	121	80	79	342	54	303
..... 2017	155	160	105	524	51	394
..... acres treated, 2022	5,202	5,984	8,496	31,188	4,665	36,961
..... 2017	7,954	12,087	7,539	39,393	4,848	41,434
Manure ..... farms, 2022	88	20	33	221	22	102
..... 2017	102	34	17	322	34	118
..... acres treated, 2022	2,217	381	783	9,302	484	7,764
..... 2017	2,839	841	618	16,329	1,626	10,261
Organic fertilizer ..... farms, 2022	15	5	9	21	1	44
..... 2017	4	14	7	50	1	19
..... acres treated, 2022	339	172	54	551	(D)	2,183
..... 2017	10	719	689	2,423	(D)	1,572
Acres treated to control-						
Insects ..... farms, 2022	93	13	11	55	51	41
..... 2017	100	9	18	55	30	29
..... acres, 2022	10,249	351	149	1,941	8,469	1,571
..... 2017	23,486	1,927	4,493	2,745	9,186	3,057
Weeds, grass, or brush ..... farms, 2022	244	42	51	247	175	216
..... 2017	226	54	52	337	124	183
..... acres, 2022	50,063	2,540	4,985	19,632	43,147	14,523
..... 2017	65,130	4,472	19,040	15,723	36,372	13,599
Nematodes ..... farms, 2022	34	-	4	13	12	7
..... 2017	25	-	1	4	7	-
..... acres, 2022	10,966	-	12	140	1,222	59
..... 2017	5,980	-	(D)	42	1,123	-
Diseases in crops and orchards ..... farms, 2022	38	6	5	28	15	21
..... 2017	36	1	5	26	5	6
..... acres, 2022	4,138	(D)	22	1,005	6,291	164
..... 2017	3,847	(D)	1,637	491	953	170
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	13	-	1	20	6	17
..... 2017	5	-	3	4	5	1
..... acres on which used, 2022	543	-	(D)	343	2,057	202
..... 2017	(D)	-	12	10	552	(D)