

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Indiana	Adams	Allen	Bartholomew	Benton	Blackford	Boone
	Commercial fertilizer ..... farms, 1997..	41 241	772	1 039	451	397	189
..... 1992..	47 314	843	1 242	464	460	197	519
acres on which used, 1997..	9 088 706	116 332	169 333	112 549	146 778	47 389	133 326
..... 1992..	9 303 397	123 158	189 683	123 367	154 358	51 254	135 864
Cropland fertilized, except pastureland ..... farms, 1997..	39 713	749	1 029	424	397	189	399
..... 1992..	45 979	836	1 221	455	460	197	518
acres on which used, 1997..	8 917 492	115 564	168 318	110 832	146 458	47 026	132 478
..... 1992..	9 156 861	122 721	189 378	122 479	153 779	50 619	135 674
Pastureland and rangeland fertilized..... farms, 1997..	5 794	74	76	68	11	11	47
..... 1992..	5 111	33	45	48	12	14	12
acres on which used, 1997..	171 214	768	1 015	1 717	320	363	848
..... 1992..	146 536	437	305	888	579	635	190
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	13 860	224	283	151	284	40	112
..... 1992..	20 406	242	309	230	148	57	177
acres on which used, 1997..	2 223 930	19 103	21 131	21 123	90 506	7 462	18 082
..... 1992..	2 368 229	13 040	32 523	40 891	28 794	12 883	21 212
Nematodes in crops ..... farms, 1997..	1 093	19	25	10	1	2	12
..... 1992..	1 387	9	32	1	22	9	7
acres on which used, 1997..	138 542	2 648	3 983	1 274	(D)	(D)	294
..... 1992..	161 603	1 079	987	(D)	7 784	860	1 478
Diseases in crops and orchards..... farms, 1997..	1 690	1	91	7	31	2	14
..... 1992..	1 773	4	52	6	10	10	17
acres on which used, 1997..	142 189	(D)	3 218	430	2 984	(D)	1 578
..... 1992..	118 057	(D)	4 062	334	1 855	497	1 151
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	28 683	630	730	357	323	162	340
..... 1992..	33 224	664	904	392	397	156	353
acres on which used, 1997..	8 562 424	128 660	142 636	98 700	166 924	52 311	150 656
..... 1992..	8 732 978	125 942	192 660	108 929	205 714	57 363	150 592
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	1 002	9	67	3	1	6	15
..... 1992..	1 504	5	27	14	16	10	9
acres on which used, 1997..	123 126	(D)	2 724	(D)	(D)	708	5 240
..... 1992..	125 259	82	1 494	676	4 921	390	3 587
Chemicals used							
	Brown	Carroll	Cass	Clark	Clay	Clinton	Crawford
Commercial fertilizer ..... farms, 1997..	92	440	518	387	398	486	200
..... 1992..	111	538	657	425	428	559	249
acres on which used, 1997..	3 397	161 099	132 390	53 306	99 702	154 738	9 739
..... 1992..	2 917	156 898	153 687	52 317	97 472	153 345	8 891
Cropland fertilized, except pastureland ..... farms, 1997..	81	440	495	373	390	486	184
..... 1992..	89	514	647	392	422	550	223
acres on which used, 1997..	(D)	160 680	131 364	49 461	96 497	(D)	7 269
..... 1992..	2 234	155 959	151 964	49 698	96 370	152 650	6 282
Pastureland and rangeland fertilized..... farms, 1997..	23	20	78	78	51	3	74
..... 1992..	23	49	45	104	37	28	81
acres on which used, 1997..	(D)	419	1 026	3 845	3 205	(D)	2 470
..... 1992..	683	939	1 723	2 619	1 102	695	2 609
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	22	255	241	136	66	216	36
..... 1992..	38	325	323	185	166	279	73
acres on which used, 1997..	1 388	76 402	36 742	5 529	10 636	40 578	884
..... 1992..	889	75 977	38 572	6 895	23 344	42 016	2 127
Nematodes in crops ..... farms, 1997..	4	18	45	17	2	9	5
..... 1992..	1	29	16	13	10	6	—
acres on which used, 1997..	882	4 123	2 926	767	(D)	(D)	80
..... 1992..	(D)	2 642	4 280	545	112	1 322	—
Diseases in crops and orchards..... farms, 1997..	6	35	15	30	1	17	16
..... 1992..	1	8	10	15	2	10	7
acres on which used, 1997..	116	1 802	2 128	512	(D)	571	595
..... 1992..	(D)	416	929	647	(D)	415	7
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	43	325	407	245	307	406	45
..... 1992..	15	449	516	228	343	442	36
acres on which used, 1997..	3 294	141 850	124 226	40 091	90 848	159 274	2 456
..... 1992..	1 480	131 334	146 705	45 263	88 472	155 768	1 590
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	2	12	3	8	1	4	7
..... 1992..	—	—	21	21	15	13	—
acres on which used, 1997..	(D)	528	437	753	(D)	1 698	7
..... 1992..	—	—	483	979	2 976	2 736	—

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	County						
	Daviess	Dearborn	Decatur	De Kalb	Delaware	Dubois	Elkhart
Commercial fertilizer . . . . . farms, 1997..	827	428	533	439	414	577	885
1992..	847	458	621	528	493	698	988
acres on which used, 1997..	130 973	19 109	131 189	79 524	108 336	99 810	120 986
1992..	141 127	22 940	145 905	81 998	108 905	101 608	137 958
Cropland fertilized, except pastureland . . . . . farms, 1997..	763	412	519	439	406	527	872
1992..	832	431	588	524	492	634	974
acres on which used, 1997..	125 507	17 288	130 382	78 929	107 900	93 273	119 589
1992..	136 748	20 328	144 701	81 856	108 453	93 932	136 448
Pastureland and rangeland fertilized. . . . . farms, 1997..	214	82	52	27	17	189	72
1992..	167	96	58	15	26	188	100
acres on which used, 1997..	5 466	1 821	807	595	436	6 537	1 397
1992..	4 379	2 612	1 204	142	452	7 676	1 510
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops . . . . . farms, 1997..	227	49	301	87	64	170	521
1992..	323	277	308	125	117	216	504
acres on which used, 1997..	32 714	1 081	57 605	4 176	7 466	29 588	36 211
1992..	36 256	7 824	62 714	8 976	10 932	34 748	41 941
Nematodes in crops . . . . . farms, 1997..	—	—	9	1	1	13	30
1992..	14	13	19	15	3	11	40
acres on which used, 1997..	—	—	1 440	(D)	(D)	1 062	1 911
1992..	1 491	62	4 621	1 251	(D)	1 109	1 578
Diseases in crops and orchards. . . . . farms, 1997..	32	37	6	3	20	8	23
1992..	20	26	45	19	28	4	66
acres on which used, 1997..	3 355	177	1 528	1 234	2 059	785	3 053
1992..	787	145	2 661	2 242	364	(D)	1 491
Weeds, grass, or brush in crops and pasture . . . . . farms, 1997..	477	152	398	327	345	394	620
1992..	690	196	466	444	422	436	638
acres on which used, 1997..	117 173	10 917	120 406	70 711	116 928	83 392	83 785
1992..	122 253	8 083	115 214	81 992	113 150	71 415	94 714
Chemicals used on crops to control growth, thin fruit, or defoliate . . . . . farms, 1997..	45	8	9	17	19	10	16
1992..	29	28	3	13	10	34	19
acres on which used, 1997..	2 878	8	(D)	3 000	1 262	2 150	1 425
1992..	2 425	220	(D)	785	140	2 812	62

  

Chemicals used	County						
	Fayette	Floyd	Fountain	Franklin	Fulton	Gibson	Grant
Commercial fertilizer . . . . . farms, 1997..	289	177	421	601	511	440	433
1992..	343	221	462	725	546	594	464
acres on which used, 1997..	63 906	5 391	136 366	64 349	117 041	165 880	104 916
1992..	57 045	7 390	111 603	74 231	128 210	177 550	110 774
Cropland fertilized, except pastureland . . . . . farms, 1997..	283	167	407	595	501	418	424
1992..	343	212	440	692	545	576	464
acres on which used, 1997..	63 686	4 354	128 693	62 441	116 510	163 096	104 701
1992..	56 786	6 930	110 141	72 344	127 904	175 544	110 322
Pastureland and rangeland fertilized. . . . . farms, 1997..	18	46	37	82	20	41	18
1992..	20	25	70	101	12	39	17
acres on which used, 1997..	220	1 037	7 673	1 908	531	2 784	215
1992..	259	460	1 462	1 887	306	2 006	452
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops . . . . . farms, 1997..	117	42	126	231	158	215	95
1992..	207	138	172	419	235	290	181
acres on which used, 1997..	22 980	129	26 460	21 183	18 573	58 277	13 037
1992..	20 571	2 431	20 043	29 065	37 919	61 737	16 453
Nematodes in crops . . . . . farms, 1997..	2	—	8	13	20	24	—
1992..	5	1	8	13	9	39	—
acres on which used, 1997..	(D)	—	989	442	3 732	2 645	—
1992..	1 367	(D)	450	1 257	1 054	3 048	—
Diseases in crops and orchards. . . . . farms, 1997..	2	21	12	31	23	23	8
1992..	1	17	15	29	9	36	18
acres on which used, 1997..	(D)	46	1 909	82	2 267	1 430	(D)
1992..	(D)	33	980	421	2 554	3 291	2 480
Weeds, grass, or brush in crops and pasture . . . . . farms, 1997..	187	91	340	381	412	391	336
1992..	222	113	346	431	400	422	413
acres on which used, 1997..	48 857	2 892	146 960	40 507	110 156	163 366	145 465
1992..	39 702	4 509	135 723	37 934	117 923	169 102	140 964
Chemicals used on crops to control growth, thin fruit, or defoliate . . . . . farms, 1997..	—	7	17	32	25	17	9
1992..	12	5	4	55	—	15	14
acres on which used, 1997..	—	28	754	1 313	2 539	5 195	1 682
1992..	945	10	264	3 596	—	1 563	841

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Greene	Hamilton	Hancock	Harrison	Hendricks	Henry	Howard
	Commercial fertilizer ..... farms, 1997..	536	370	401	712	476	534
..... 1992..	613	455	503	835	507	646	428
acres on which used, 1997..	89 350	80 231	101 064	65 930	105 105	110 770	85 768
..... 1992..	95 510	95 038	94 055	62 288	100 490	125 320	91 535
Cropland fertilized, except pastureland ..... farms, 1997..	503	362	393	637	465	526	386
..... 1992..	576	447	490	777	478	636	428
acres on which used, 1997..	83 360	79 887	100 766	57 968	103 399	109 674	85 376
..... 1992..	92 496	94 620	93 814	54 937	99 989	124 371	91 331
Pastureland and rangeland fertilized..... farms, 1997..	154	16	24	209	69	64	49
..... 1992..	117	27	28	205	49	51	15
acres on which used, 1997..	5 990	344	298	7 962	1 706	1 096	392
..... 1992..	3 014	418	241	7 351	501	949	204
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	103	198	92	160	132	137	132
..... 1992..	303	178	166	522	171	309	206
acres on which used, 1997..	19 423	24 823	20 780	3 881	14 425	15 339	16 708
..... 1992..	33 010	15 716	10 536	23 282	18 309	28 657	19 528
Nematodes in crops ..... farms, 1997..	16	6	5	18	8	30	16
..... 1992..	27	17	7	36	8	12	7
acres on which used, 1997..	1 297	72	146	512	32	4 602	1 280
..... 1992..	1 381	4 851	859	1 546	884	2 384	511
Diseases in crops and orchards..... farms, 1997..	16	30	13	55	24	25	15
..... 1992..	29	34	15	41	6	4	7
acres on which used, 1997..	101	3 687	471	777	216	1 266	417
..... 1992..	109	379	875	1 946	297	1 722	1 324
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	330	312	351	330	323	401	296
..... 1992..	277	329	358	314	397	457	363
acres on which used, 1997..	79 374	94 927	117 131	47 259	108 313	100 005	86 130
..... 1992..	74 458	109 520	114 954	38 878	114 853	115 244	98 070
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	17	27	12	40	11	23	19
..... 1992..	18	6	3	51	9	10	33
acres on which used, 1997..	132	505	715	1 942	490	782	710
..... 1992..	(D)	(D)	(D)	1 127	1 967	4 119	3 794
Chemicals used	Huntington	Jackson	Jasper	Jay	Jefferson	Jennings	Johnson
Commercial fertilizer ..... farms, 1997..	481	597	511	579	627	371	415
..... 1992..	557	602	608	620	801	494	415
acres on which used, 1997..	119 674	126 236	202 627	98 566	50 758	70 739	87 827
..... 1992..	118 376	125 429	215 631	110 779	54 433	67 141	87 343
Cropland fertilized, except pastureland ..... farms, 1997..	476	576	500	573	603	362	390
..... 1992..	549	582	607	619	788	476	414
acres on which used, 1997..	119 299	121 617	201 661	98 206	47 201	67 754	86 893
..... 1992..	117 619	120 875	214 901	110 485	51 989	63 425	86 900
Pastureland and rangeland fertilized..... farms, 1997..	18	180	22	23	103	88	49
..... 1992..	29	124	30	18	93	120	9
acres on which used, 1997..	375	4 619	966	360	3 557	2 985	934
..... 1992..	757	4 554	730	294	2 444	3 716	443
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	108	149	252	107	271	83	106
..... 1992..	123	374	268	209	451	172	210
acres on which used, 1997..	19 981	22 012	70 086	8 143	8 132	6 482	20 861
..... 1992..	13 812	45 864	61 288	13 813	18 387	13 701	32 207
Nematodes in crops ..... farms, 1997..	1	15	2	8	40	—	29
..... 1992..	24	47	10	28	25	14	31
acres on which used, 1997..	(D)	130	(D)	361	993	—	3 674
..... 1992..	2 322	4 433	2 847	3 426	1 169	1 444	6 124
Diseases in crops and orchards..... farms, 1997..	2	27	23	7	41	26	18
..... 1992..	23	47	7	25	137	7	11
acres on which used, 1997..	(D)	2 006	6 884	(D)	544	5 443	3 107
..... 1992..	1 570	1 215	2 311	730	2 192	342	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	360	427	411	476	279	226	279
..... 1992..	464	480	495	511	364	290	286
acres on which used, 1997..	113 223	118 631	181 355	111 562	38 351	54 088	84 757
..... 1992..	123 190	110 807	200 724	105 421	42 995	51 793	73 674
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	7	10	10	9	49	—	3
..... 1992..	16	30	22	8	103	28	17
acres on which used, 1997..	1 710	1 235	2 773	2 441	2 192	—	54
..... 1992..	1 813	1 137	1 760	(D)	1 936	820	486

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

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Chemicals used	County						
	Knox	Kosciusko	Lagrange	Lake	La Porte	Lawrence	Madison
Commercial fertilizer ..... farms, 1997..	474	676	1 028	314	572	517	558
..... 1992..	583	836	999	306	669	499	632
acres on which used, 1997..	205 941	143 394	115 618	83 587	184 185	54 814	158 942
..... 1992..	203 368	163 417	125 122	85 479	180 840	38 698	134 256
Cropland fertilized, except pastureland ..... farms, 1997..	472	661	967	314	564	456	544
..... 1992..	577	817	990	306	662	425	625
acres on which used, 1997..	203 756	139 133	109 709	83 575	182 956	49 369	158 270
..... 1992..	200 791	161 336	121 424	(D)	179 650	33 002	133 666
Pastureland and rangeland fertilized..... farms, 1997..	37	140	310	4	64	145	30
..... 1992..	41	96	184	1	52	142	44
acres on which used, 1997..	2 185	4 261	5 909	12	1 229	5 445	672
..... 1992..	2 577	2 081	3 698	(D)	1 190	5 696	590
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	184	214	537	122	289	62	150
..... 1992..	240	430	580	160	430	261	200
acres on which used, 1997..	43 994	33 782	39 611	25 942	72 728	6 119	17 032
..... 1992..	48 423	50 538	50 894	27 922	70 049	13 839	21 139
Nematodes in crops ..... farms, 1997..	43	14	8	1	48	—	—
..... 1992..	43	23	28	12	52	10	36
acres on which used, 1997..	7 241	336	3 501	(D)	9 277	—	—
..... 1992..	1 736	1 868	4 276	2 132	7 799	619	2 325
Diseases in crops and orchards..... farms, 1997..	46	29	20	25	33	2	18
..... 1992..	78	12	23	11	68	23	26
acres on which used, 1997..	4 086	(D)	3 617	1 824	6 703	(D)	1 570
..... 1992..	5 698	2 755	770	1 256	6 333	3 490	1 977
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	313	477	677	224	495	215	429
..... 1992..	421	560	634	271	453	231	498
acres on which used, 1997..	177 422	117 308	85 989	91 127	190 803	42 574	149 757
..... 1992..	182 125	148 676	79 040	87 470	158 926	20 966	160 153
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	20	1	36	3	18	—	10
..... 1992..	15	(D)	15	9	38	12	7
acres on which used, 1997..	1 370	(D)	1 866	(D)	1 451	—	(D)
..... 1992..	2 335	1 854	1 012	801	4 422	1 613	(D)

  

Chemicals used	County						
	Marion	Marshall	Martin	Miami	Monroe	Montgomery	Morgan
Commercial fertilizer ..... farms, 1997..	132	683	207	555	307	554	405
..... 1992..	184	757	199	641	273	593	469
acres on which used, 1997..	12 890	140 590	31 740	136 558	19 391	161 263	77 027
..... 1992..	28 213	162 693	21 842	121 136	15 402	159 277	88 793
Cropland fertilized, except pastureland ..... farms, 1997..	127	657	160	551	277	531	384
..... 1992..	155	735	165	641	253	576	452
acres on which used, 1997..	12 745	139 009	29 745	135 975	17 493	159 730	75 507
..... 1992..	27 591	161 900	18 529	120 944	12 816	157 689	85 812
Pastureland and rangeland fertilized..... farms, 1997..	12	68	98	29	89	74	59
..... 1992..	38	48	70	15	86	63	84
acres on which used, 1997..	145	1 581	1 995	583	1 898	1 533	1 520
..... 1992..	622	793	3 313	192	2 586	1 588	2 981
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	50	232	33	188	66	168	134
..... 1992..	97	301	89	182	120	267	205
acres on which used, 1997..	2 411	38 532	4 085	31 294	4 310	38 627	16 384
..... 1992..	5 912	34 617	6 921	22 283	3 416	54 276	25 235
Nematodes in crops ..... farms, 1997..	13	19	—	17	—	20	7
..... 1992..	10	9	1	11	1	2	2
acres on which used, 1997..	642	2 575	—	1 047	—	2 486	49
..... 1992..	15	331	(D)	1 800	(D)	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	18	28	—	13	23	10	26
..... 1992..	15	7	9	4	1	10	9
acres on which used, 1997..	358	3 169	—	1 648	493	(D)	1 590
..... 1992..	197	544	135	(D)	(D)	(D)	283
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	75	439	114	407	102	361	295
..... 1992..	109	620	96	542	103	489	330
acres on which used, 1997..	17 153	107 408	27 649	123 940	12 048	178 394	79 603
..... 1992..	21 636	127 711	12 904	125 651	5 943	201 645	75 749
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	2	16	11	8	—	3	3
..... 1992..	11	29	2	9	7	3	21
acres on which used, 1997..	(D)	5 338	1 990	83	—	(D)	(D)
..... 1992..	16	2 284	(D)	2 147	112	(D)	1 955

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[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Newton	Noble	Ohio	Orange	Owen	Parke	Perry
	Commercial fertilizer ..... farms, 1997..	330	679	202	298	356	330
..... farms, 1992..	325	711	199	312	425	398	299
acres on which used, 1997..	152 331	105 660	6 126	44 483	48 203	105 253	29 996
..... farms, 1992..	138 116	104 992	5 296	36 072	47 161	95 746	18 868
Cropland fertilized, except pastureland ..... farms, 1997..	330	669	190	241	301	328	319
..... farms, 1992..	325	695	199	282	400	398	245
acres on which used, 1997..	151 285	104 577	5 081	40 742	43 253	103 281	24 765
..... farms, 1992..	136 476	104 015	4 886	33 760	45 296	95 324	14 905
Pastureland and rangeland fertilized..... farms, 1997..	22	64	44	109	176	45	172
..... farms, 1992..	30	54	9	65	85	15	144
acres on which used, 1997..	1 046	1 083	1 045	3 741	4 950	1 972	5 231
..... farms, 1992..	1 640	977	410	2 312	1 865	422	3 963
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	193	199	93	79	34	108	31
..... farms, 1992..	174	345	130	116	190	159	27
acres on which used, 1997..	53 450	10 836	1 532	11 382	4 175	18 488	426
..... farms, 1992..	42 671	21 779	3 079	13 628	13 618	25 032	1 890
Nematodes in crops ..... farms, 1997..	38	23	9	—	12	2	—
..... farms, 1992..	25	24	5	12	—	2	1
acres on which used, 1997..	3 131	3 307	27	—	530	(D)	(D)
..... farms, 1992..	5 597	4 875	175	405	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	11	19	23	1	1	19	—
..... farms, 1992..	11	38	13	8	—	18	9
acres on which used, 1997..	3 219	1 223	162	(D)	(D)	152	—
..... farms, 1992..	4 329	908	42	(D)	—	1 940	112
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	264	461	65	119	161	212	213
..... farms, 1992..	255	500	64	166	199	323	136
acres on which used, 1997..	153 336	95 718	3 538	24 055	37 281	101 367	17 517
..... farms, 1992..	142 870	85 896	3 795	31 162	34 484	95 186	9 918
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	16	3	—	—	12	9
..... farms, 1992..	2	9	40	1	7	14	7
acres on which used, 1997..	—	2 278	21	—	—	1 932	135
..... farms, 1992..	(D)	388	408	(D)	490	359	1 900

  

Chemicals used	Pike	Porter	Posey	Pulaski	Putnam	Randolph	Ripley
	Commercial fertilizer ..... farms, 1997..	215	345	357	437	491	654
..... farms, 1992..	226	411	418	521	549	765	786
acres on which used, 1997..	47 370	83 578	138 231	186 893	110 227	153 296	92 236
..... farms, 1992..	50 044	95 404	153 986	179 096	100 002	166 670	90 400
Cropland fertilized, except pastureland ..... farms, 1997..	214	345	357	425	443	640	582
..... farms, 1992..	217	402	409	512	527	758	759
acres on which used, 1997..	45 730	83 445	137 538	186 669	107 147	152 806	87 322
..... farms, 1992..	49 127	94 560	152 235	178 179	98 816	165 505	89 085
Pastureland and rangeland fertilized..... farms, 1997..	31	3	20	22	107	24	191
..... farms, 1992..	23	31	39	51	55	40	89
acres on which used, 1997..	1 640	133	693	224	3 080	490	4 914
..... farms, 1992..	917	844	1 751	917	1 186	1 165	1 315
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	41	145	120	244	172	171	194
..... farms, 1992..	58	223	196	242	304	197	350
acres on which used, 1997..	7 203	18 606	36 359	62 928	31 561	18 180	18 456
..... farms, 1992..	12 383	21 305	46 502	47 429	34 409	14 636	20 131
Nematodes in crops ..... farms, 1997..	—	—	1	41	13	24	8
..... farms, 1992..	21	4	21	8	24	—	39
acres on which used, 1997..	—	—	(D)	4 625	2 409	4 422	1 200
..... farms, 1992..	1 556	303	3 898	2 398	1 969	—	3 173
Diseases in crops and orchards..... farms, 1997..	11	28	2	12	17	33	28
..... farms, 1992..	10	28	33	8	9	20	50
acres on which used, 1997..	36	1 862	(D)	1 147	316	1 010	1 874
..... farms, 1992..	250	3 748	4 053	2 048	724	774	1 876
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	160	266	297	339	289	533	453
..... farms, 1992..	211	340	361	415	365	589	425
acres on which used, 1997..	34 828	90 406	145 531	170 100	90 550	160 982	82 225
..... farms, 1992..	56 790	99 755	139 451	154 751	94 089	155 352	64 653
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	1	9	15	8	11	12	1
..... farms, 1992..	11	7	52	15	1	2	18
acres on which used, 1997..	(D)	928	1 927	5 328	1 558	12	(D)
..... farms, 1992..	800	207	3 505	679	(D)	(D)	1 717

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Rush	St. Joseph	Scott	Shelby	Spencer	Starke	Steuben
	Commercial fertilizer ..... farms, 1997..	549	472	239	470	460	241
..... farms, 1992..	651	635	258	623	525	296	383
acres on which used, 1997..	157 330	118 760	32 642	139 559	97 136	89 663	60 791
..... acres on which used, 1992..	162 249	127 008	28 114	164 734	96 722	78 994	69 811
Cropland fertilized, except pastureland ..... farms, 1997..	535	470	215	463	412	231	288
..... farms, 1992..	645	609	257	623	493	296	370
acres on which used, 1997..	156 538	118 410	30 930	138 666	92 005	89 215	59 930
..... acres on which used, 1992..	161 399	126 482	26 887	164 034	88 606	(D)	69 102
Pastureland and rangeland fertilized..... farms, 1997..	39	23	73	27	150	16	18
..... farms, 1992..	32	51	43	20	199	1	27
acres on which used, 1997..	792	350	1 712	893	5 131	448	861
..... acres on which used, 1992..	850	526	1 227	700	8 116	(D)	709
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	292	163	69	166	152	111	114
..... farms, 1992..	322	229	72	276	182	146	138
acres on which used, 1997..	47 319	27 832	9 221	26 620	25 624	31 940	13 024
..... acres on which used, 1992..	52 880	27 561	5 465	32 248	13 298	26 660	12 296
Nematodes in crops ..... farms, 1997..	44	11	1	6	1	9	14
..... farms, 1992..	27	6	16	35	9	25	19
acres on which used, 1997..	6 464	2 532	(D)	800	(D)	1 200	1 411
..... acres on which used, 1992..	4 210	400	3 288	5 416	496	2 027	1 300
Diseases in crops and orchards..... farms, 1997..	12	54	12	7	22	14	6
..... farms, 1992..	18	64	16	14	52	16	24
acres on which used, 1997..	2 120	3 064	472	181	3 658	2 914	36
..... acres on which used, 1992..	2 347	4 167	640	1 467	2 995	438	1 377
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	442	303	106	370	343	185	203
..... farms, 1992..	521	430	223	421	377	211	283
acres on which used, 1997..	154 871	103 863	28 398	149 361	83 190	74 919	51 121
..... acres on which used, 1992..	141 205	114 719	22 760	147 067	88 701	62 136	51 162
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	9	—	1	2	1	1	6
..... farms, 1992..	9	10	3	9	55	1	22
acres on which used, 1997..	1 478	—	(D)	(D)	(D)	(D)	36
..... acres on which used, 1992..	1 599	835	(D)	686	3 013	(D)	426

  

Chemicals used	Sullivan	Switzerland	Tippecanoe	Tipton	Union	Vanderburgh	Vermillion	Vigo
	Commercial fertilizer ..... farms, 1997..	359	393	534	333	211	216	222
..... farms, 1992..	366	586	600	390	254	215	242	353
acres on which used, 1997..	121 417	15 397	146 711	103 896	46 212	45 438	71 463	66 821
..... acres on which used, 1992..	111 920	20 856	155 070	100 217	62 524	46 675	54 663	68 692
Cropland fertilized, except pastureland ..... farms, 1997..	335	393	534	333	211	209	222	271
..... farms, 1992..	351	586	578	390	242	208	242	353
acres on which used, 1997..	119 737	13 507	143 349	103 881	45 737	45 109	70 955	66 595
..... acres on which used, 1992..	110 292	16 901	153 648	(D)	62 021	(D)	54 246	68 429
Pastureland and rangeland fertilized..... farms, 1997..	58	57	67	8	16	21	19	12
..... farms, 1992..	54	63	52	2	29	9	14	14
acres on which used, 1997..	1 680	1 890	3 362	15	475	329	508	226
..... acres on which used, 1992..	1 628	3 955	1 422	(D)	503	(D)	417	263
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	86	166	216	186	95	73	69	69
..... farms, 1992..	93	326	280	170	139	101	79	94
acres on which used, 1997..	24 276	3 318	60 270	47 762	17 483	17 978	28 037	15 480
..... acres on which used, 1992..	24 377	5 471	46 640	29 234	27 410	12 968	12 875	8 544
Nematodes in crops ..... farms, 1997..	2	12	36	1	12	—	—	5
..... farms, 1992..	3	18	29	1	10	1	7	9
acres on which used, 1997..	(D)	43	5 733	(D)	3 218	—	—	80
..... acres on which used, 1992..	(D)	93	4 226	(D)	987	(D)	700	18
Diseases in crops and orchards..... farms, 1997..	9	48	38	15	5	27	—	2
..... farms, 1992..	12	26	6	14	—	5	1	12
acres on which used, 1997..	579	312	5 219	3 334	750	114	—	(D)
..... acres on which used, 1992..	1 566	139	558	3 391	—	(D)	(D)	31
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	279	162	397	297	162	163	148	171
..... farms, 1992..	281	175	449	336	195	151	186	232
acres on which used, 1997..	126 196	7 383	144 592	104 214	40 224	46 318	76 705	64 004
..... acres on which used, 1992..	100 594	11 507	162 280	118 597	51 493	44 339	61 188	80 883
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	9	48	25	2	9	12	9	8
..... farms, 1992..	17	91	7	10	—	4	5	7
acres on which used, 1997..	2 420	759	3 137	(D)	900	1 154	5 625	6 800
..... acres on which used, 1992..	1 922	1 826	525	4 443	—	513	90	349

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Wabash	Warren	Warrick	Washington	Wayne	Wells	White	Whitley
Commercial fertilizer ..... farms, 1997..	515	276	262	514	523	513	495	458
..... farms, 1992..	615	323	279	639	576	636	563	557
acres on which used, 1997..	122 850	97 184	66 513	67 350	97 497	134 505	179 754	97 495
acres on which used, 1992..	132 095	95 837	49 789	78 174	106 497	124 460	203 093	100 991
Cropland fertilized, except pastureland ..... farms, 1997..	515	276	238	433	507	506	488	458
..... farms, 1992..	593	311	267	594	570	636	563	557
acres on which used, 1997..	122 533	96 291	65 379	58 821	95 468	134 274	179 068	97 355
acres on which used, 1992..	131 334	94 303	48 467	70 486	104 417	124 332	202 311	100 844
Pastureland and rangeland fertilized..... farms, 1997..	17	11	48	210	83	7	24	4
..... farms, 1992..	37	34	36	212	70	8	24	6
acres on which used, 1997..	317	893	1 134	8 529	2 029	231	686	140
acres on which used, 1992..	761	1 534	1 322	7 688	2 080	128	782	147
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	119	143	42	100	176	89	274	138
..... farms, 1992..	227	125	87	367	283	124	335	212
acres on which used, 1997..	18 465	43 536	11 472	5 710	19 035	13 985	83 964	13 024
acres on which used, 1992..	27 286	22 269	10 676	18 637	26 257	11 603	67 144	13 591
Nematodes in crops ..... farms, 1997..	14	7	—	3	13	15	21	21
..... farms, 1992..	6	—	1	31	10	3	56	1
acres on which used, 1997..	1 421	4 640	—	800	1 316	1 075	6 850	1 441
acres on which used, 1992..	1 361	—	(D)	2 151	1 085	430	8 420	(D)
Diseases in crops and orchards..... farms, 1997..	4	—	1	38	8	10	15	10
..... farms, 1992..	2	5	2	9	16	4	18	8
acres on which used, 1997..	(D)	—	(D)	2 109	44	4 527	4 129	516
acres on which used, 1992..	(D)	745	(D)	91	339	(D)	2 269	106
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	392	218	183	271	316	414	382	349
..... farms, 1992..	465	223	274	317	460	499	459	431
acres on which used, 1997..	113 099	107 250	52 122	50 757	81 992	144 869	165 500	84 320
acres on which used, 1992..	120 970	118 882	59 070	53 328	87 744	140 794	190 646	87 095
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	—	6	9	8	1	1	1
..... farms, 1992..	4	9	33	18	35	21	2	9
acres on which used, 1997..	—	—	385	(D)	3 955	(D)	(D)	(D)
acres on which used, 1992..	(D)	6 995	1 217	1 376	4 283	2 482	(D)	1 516