

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987

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

Chemicals used	Indiana						
	Indiana	Adams	Allen	Bartholomew	Benton	Blackford	Boone
Commercial fertilizer -----farms, 1992 --	47 314	843	1 242	464	460	197	519
1987 --	55 015	985	1 400	597	562	299	683
acres on which used, 1992 --	9 303 397	123 158	189 683	123 367	154 358	51 254	135 864
1987 --	8 797 078	126 560	186 621	104 482	134 191	48 753	135 529
Cropland fertilized, except pastureland -----farms, 1992 --	45 979	836	1 221	455	460	197	518
1987 --	53 488	984	1 384	561	562	299	675
acres on which used, 1992 --	9 156 861	122 721	189 378	122 479	153 779	50 619	135 674
1987 --	8 637 910	125 661	185 052	103 102	133 674	48 567	134 637
Pastureland and rangeland fertilized -----farms, 1992 --	5 111	33	45	48	12	14	12
1987 --	5 859	59	96	86	15	15	35
acres on which used, 1992 --	146 536	437	305	888	579	635	190
1987 --	159 168	899	1 569	1 380	517	186	892
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	20 406	242	309	230	148	57	177
1987 --	22 202	280	463	235	230	121	179
acres on which used, 1992 --	2 368 229	13 040	32 523	40 891	28 794	12 883	21 212
1987 --	2 554 975	25 048	36 740	36 799	32 164	9 369	24 302
Nematodes in crops -----farms, 1992 --	1 387	9	32	1	22	9	7
1987 --	1 863	27	28	7	11	15	4
acres on which used, 1992 --	161 603	1 079	987	(D)	7 784	860	1 478
1987 --	(D)	997	1 737	1 781	954	419	840
Diseases in crops and orchards -----farms, 1992 --	1 773	4	52	6	10	10	17
1987 --	2 009	49	33	9	2	8	6
acres on which used, 1992 --	118 057	(D)	4 062	334	1 855	497	1 151
1987 --	107 218	600	2 543	293	(D)	1 620	24
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	33 224	664	904	392	397	156	353
1987 --	41 804	784	1 163	447	427	258	608
acres on which used, 1992 --	8 732 978	125 942	192 660	108 929	205 714	57 363	150 592
1987 --	7 754 562	103 938	172 865	84 235	166 464	49 953	139 250
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	1 504	5	27	14	16	10	9
1987 --	1 609	5	29	19	17	2	22
acres on which used, 1992 --	125 259	82	1 494	676	4 921	390	3 587
1987 --	103 173	421	1 706	1 620	4 473	(D)	5 169

Chemicals used	Indiana						
	Brown	Carroll	Cass	Clark	Clay	Clinton	Crawford
Commercial fertilizer -----farms, 1992 --	111	538	657	425	428	559	249
1987 --	116	607	755	485	498	639	258
acres on which used, 1992 --	2 917	156 898	153 687	52 317	97 472	153 345	8 891
1987 --	3 998	148 826	145 548	49 972	85 822	150 469	11 324
Cropland fertilized, except pastureland -----farms, 1992 --	89	514	647	392	422	550	223
1987 --	111	602	736	459	492	632	194
acres on which used, 1992 --	2 234	155 959	151 964	49 698	96 370	152 650	6 282
1987 --	3 733	148 122	144 386	46 840	85 103	150 196	8 576
Pastureland and rangeland fertilized -----farms, 1992 --	23	49	45	104	37	28	81
1987 --	10	21	70	132	38	28	118
acres on which used, 1992 --	683	939	1 723	2 619	1 102	695	2 609
1987 --	265	704	1 162	3 132	719	273	2 748
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	38	325	323	185	166	279	73
1987 --	61	316	427	220	224	329	32
acres on which used, 1992 --	889	75 977	38 572	6 895	23 344	42 016	2 127
1987 --	1 234	66 773	54 792	12 900	36 904	41 079	1 460
Nematodes in crops -----farms, 1992 --	1	29	16	13	10	6	--
1987 --	--	30	31	44	23	18	16
acres on which used, 1992 --	(D)	2 642	4 280	545	112	1 322	--
1987 --	--	935	4 312	946	1 205	1 526	355
Diseases in crops and orchards -----farms, 1992 --	1	8	10	15	2	10	7
1987 --	1	8	29	52	19	31	12
acres on which used, 1992 --	(D)	416	929	647	(D)	415	7
1987 --	(D)	9	1 799	1 115	841	1 727	194
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	15	449	516	228	343	442	36
1987 --	64	495	536	316	407	532	122
acres on which used, 1992 --	1 480	131 334	146 705	45 263	88 472	155 768	1 590
1987 --	1 244	127 893	109 798	36 962	75 438	146 487	5 820
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	--	--	21	21	15	13	--
1987 --	27	19	25	18	26	4	6
acres on which used, 1992 --	--	--	483	979	2 976	2 736	--
1987 --	85	177	2 625	861	462	3 257	(D)

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Chemicals used	Davies		Dearborn		Decatur		De Kalb		Delaware		Dubois		Elkhart	
	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987
Commercial fertilizer -----farms,	847	1 004	458	545	621	634	528	691	493	659	698	771	988	1 076
acres on which used, 1992 --	141 127	128 269	22 940	25 389	145 905	128 792	81 998	105 368	108 905	113 120	101 608	92 203	137 958	128 585
1987 --														
Cropland fertilized, except pastureland -----farms,	832	951	431	522	588	628	524	691	492	645	634	730	974	1 041
acres on which used, 1992 --	136 748	122 676	20 328	22 916	144 701	127 755	81 856	104 728	108 453	112 443	93 932	84 808	136 448	127 308
1987 --														
Pastureland and rangeland fertilized -----farms,	167	199	96	100	58	34	15	30	26	47	188	230	100	110
acres on which used, 1992 --	4 379	5 593	2 612	2 473	1 204	1 037	142	640	452	677	7 676	7 395	1 510	1 277
1987 --														
Sprays, dusts, granules, fumigants, etc., to control --														
Insects on hay and other crops -----farms, 1992 --	323	471	277	155	308	352	125	195	117	177	216	255	504	634
acres on which used, 1992 --	36 256	47 567	7 824	8 274	62 714	58 689	8 976	14 193	10 932	20 469	34 748	32 274	41 941	50 791
1987 --														
Nematodes in crops -----farms, 1992 --	14	27	13	22	19	32	15	46	3	18	11	38	40	61
acres on which used, 1992 --	1 491	3 994	62	1 762	4 621	4 780	1 251	1 834	(D)	(D)	1 109	4 395	1 578	4 440
1987 --														
Diseases in crops and orchards -----farms, 1992 --	20	27	26	35	45	7	19	23	28	30	4	27	66	31
acres on which used, 1992 --	787	2 022	145	1 627	2 661	1 888	2 242	508	364	3 376	(D)	850	1 491	867
1987 --														
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	690	719	196	266	466	470	444	593	422	545	436	534	638	768
acres on which used, 1992 --	122 253	93 267	8 083	16 145	115 214	83 551	81 992	91 243	113 150	107 622	71 415	62 335	94 714	86 265
1987 --														
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	29	20	28	28	3	35	13	14	10	7	34	27	19	26
acres on which used, 1992 --	2 425	427	220	498	(D)	3 846	785	474	140	175	2 812	1 623	62	421
1987 --														

Chemicals used	Fayette		Floyd		Fountain		Franklin		Fulton		Gibson		Grant	
	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987	1992	1987
Commercial fertilizer -----farms, 1992 --	343	430	221	246	462	543	725	687	546	619	594	713	464	606
acres on which used, 1992 --	57 045	68 325	7 390	9 495	111 603	113 624	74 231	71 214	128 210	120 804	177 550	146 014	110 774	119 671
1987 --														
Cropland fertilized, except pastureland -----farms, 1992 --	343	430	212	210	440	515	692	671	545	609	576	686	464	605
acres on which used, 1992 --	56 786	67 379	6 930	8 038	110 141	111 625	72 344	68 210	127 904	119 825	175 544	144 319	110 322	118 753
1987 --														
Pastureland and rangeland fertilized -----farms, 1992 --	20	24	25	81	70	54	101	99	12	56	39	77	17	36
acres on which used, 1992 --	259	946	460	1 457	1 462	1 999	1 887	3 004	306	979	2 006	1 695	452	918
1987 --														
Sprays, dusts, granules, fumigants, etc., to control --														
Insects on hay and other crops -----farms, 1992 --	207	211	138	105	172	194	419	344	235	263	290	344	181	138
acres on which used, 1992 --	20 571	22 458	2 431	3 118	20 043	22 956	29 065	27 991	37 919	30 646	61 737	57 170	16 453	18 505
1987 --														
Nematodes in crops -----farms, 1992 --	5	15	1	15	8	6	13	3	9	23	39	29	16	16
acres on which used, 1992 --	1 367	4 919	(D)	450	450	300	1 257	572	1 054	1 720	3 048	4 769	1 367	1 367
1987 --														
Diseases in crops and orchards -----farms, 1992 --	1	1	17	30	15	1	29	26	9	1	36	22	18	22
acres on which used, 1992 --	(D)	406	33	980	421	663	421	663	2 554	(D)	3 291	2 494	2 480	1 166
1987 --														
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	222	333	113	93	346	416	431	435	400	465	422	598	413	551
acres on which used, 1992 --	39 702	50 551	4 509	3 893	135 723	115 389	37 934	45 225	117 923	101 807	169 102	136 092	140 964	130 371
1987 --														
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	12	945	5	10	4	264	55	13	2	15	65	1 563	8	841
acres on which used, 1992 --	12	945	5	10	4	264	55	13	2	15	65	1 563	8	841
1987 --														

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Chemicals used	Greene	Hamilton	Hancock	Harrison	Hendricks	Henry	Howard
Commercial fertilizer -----farms, 1992 --	613	455	503	835	507	646	428
1987 --	659	548	584	1 001	695	710	535
acres on which used, 1992 --	95 510	95 038	94 055	62 288	100 490	125 320	91 535
1987 --	87 734	97 728	93 002	64 386	99 866	107 841	93 290
Cropland fertilized, except pastureland -----farms, 1992 --	576	447	490	777	478	636	428
1987 --	571	542	563	936	685	702	535
acres on which used, 1992 --	92 496	94 620	93 814	54 937	99 989	124 371	91 331
1987 --	80 462	94 839	92 558	57 019	98 716	106 565	(D)
Pastureland and rangeland fertilized -----farms, 1992 --	117	27	28	205	49	51	15
1987 --	160	55	39	251	36	42	8
acres on which used, 1992 --	3 014	418	241	7 351	501	949	204
1987 --	7 272	2 889	444	7 367	1 150	1 276	(D)
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	303	178	166	522	171	309	206
1987 --	211	222	219	321	202	316	248
acres on which used, 1992 --	33 010	15 716	10 536	23 282	18 309	28 657	19 528
1987 --	29 338	24 217	19 177	9 873	16 997	30 216	20 174
Nematodes in crops -----farms, 1992 --	27	17	7	36	8	12	7
1987 --	5	10	11	56	2	11	17
acres on which used, 1992 --	1 381	4 851	859	1 546	884	2 384	511
1987 --	1 178	837	2 888	1 182	(D)	1 953	1 786
Diseases in crops and orchards -----farms, 1992 --	29	34	15	41	6	4	7
1987 --	16	10	7	62	14	22	45
acres on which used, 1992 --	109	379	875	1 946	297	1 722	1 324
1987 --	218	(D)	2 867	1 616	261	868	389
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	277	329	358	314	397	457	363
1987 --	428	480	489	599	594	563	463
acres on which used, 1992 --	74 458	109 520	114 954	38 878	114 853	115 244	98 070
1987 --	67 625	93 112	106 683	45 271	110 152	90 088	99 201
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	18	6	3	51	9	10	33
1987 --	53	15	23	28	8	2	16
acres on which used, 1992 --	(D)	(D)	(D)	1 127	1 967	4 119	3 794
1987 --	368	1 307	354	958	259	(D)	1 773

Chemicals used	Huntington	Jackson	Jasper	Jay	Jefferson	Jennings	Johnson
Commercial fertilizer -----farms, 1992 --	557	602	608	620	801	494	415
1987 --	687	760	635	717	837	519	497
acres on which used, 1992 --	118 376	125 429	215 631	110 779	54 433	67 141	87 343
1987 --	112 664	113 051	195 362	108 737	46 158	62 223	81 645
Cropland fertilized, except pastureland -----farms, 1992 --	549	582	607	619	788	476	414
1987 --	687	719	620	716	816	482	490
acres on which used, 1992 --	117 619	120 875	214 901	110 485	51 989	63 425	86 900
1987 --	112 394	109 217	193 760	107 882	43 950	59 746	80 638
Pastureland and rangeland fertilized -----farms, 1992 --	29	124	30	18	93	120	9
1987 --	15	149	49	38	53	109	37
acres on which used, 1992 --	757	4 554	730	294	2 444	3 716	443
1987 --	270	3 834	1 602	855	2 208	2 477	1 007
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	123	374	268	209	451	172	210
1987 --	195	321	270	237	356	194	244
acres on which used, 1992 --	13 812	45 864	61 288	13 813	18 387	13 701	32 207
1987 --	16 834	39 587	47 811	23 126	17 725	16 194	33 833
Nematodes in crops -----farms, 1992 --	24	47	10	28	25	14	31
1987 --	4	35	26	26	8	9	18
acres on which used, 1992 --	2 322	4 433	2 847	3 426	1 169	1 444	6 124
1987 --	571	6 474	4 133	2 172	472	1 489	2 938
Diseases in crops and orchards -----farms, 1992 --	23	47	7	25	137	7	11
1987 --	11	16	12	42	25	6	18
acres on which used, 1992 --	1 570	1 215	2 311	730	2 192	342	(D)
1987 --	416	1 442	(D)	2 684	1 304	(D)	2 215
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	464	480	495	511	364	290	286
1987 --	552	602	562	647	402	366	398
acres on which used, 1992 --	123 190	110 807	200 724	105 421	42 995	51 793	73 674
1987 --	108 108	89 877	185 809	102 851	33 530	49 955	69 618
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	16	30	22	8	103	28	17
1987 --	8	53	11	28	65	11	26
acres on which used, 1992 --	1 813	1 137	1 760	(D)	1 936	820	486
1987 --	1 355	1 157	232	3 195	521	335	1 211

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Chemicals used	Knox Kosciusko Lagrange Lake La Porte Lawrence Madison							
	Knox	Kosciusko	Lagrange	Lake	La Porte	Lawrence	Madison	
Commercial fertilizer -----farms, 1992 --	583	836	999	306	669	499	632	
1987 --	702	982	1 016	416	759	560	697	
acres on which used, 1992 --	203 368	163 417	125 122	85 479	180 840	38 698	134 256	
1987 --	174 209	141 192	98 889	94 228	156 043	47 086	141 126	
Cropland fertilized, except pastureland -----farms, 1992 --	577	817	990	306	662	425	625	
1987 --	683	974	982	408	753	530	685	
acres on which used, 1992 --	200 791	161 336	121 424	(D)	179 650	33 002	133 666	
1987 --	171 788	139 612	95 716	93 808	154 500	41 066	140 286	
Pastureland and rangeland fertilized -----farms, 1992 --	41	96	184	1	52	142	44	
1987 --	92	74	158	28	34	121	32	
acres on which used, 1992 --	2 577	2 081	3 698	(D)	1 190	5 696	590	
1987 --	2 421	1 580	3 173	420	1 543	6 020	840	
Sprays, dusts, granules, fumigants, etc., to control —								
Insects on hay and other crops -----farms, 1992 --	240	430	580	160	430	261	200	
1987 --	336	437	575	148	355	143	239	
acres on which used, 1992 --	48 423	50 538	50 894	27 922	70 049	13 839	21 139	
1987 --	51 477	52 563	39 550	25 213	63 761	10 867	37 546	
Nematodes in crops -----farms, 1992 --	43	23	28	12	52	10	36	
1987 --	61	52	37	17	30	18	11	
acres on which used, 1992 --	1 736	1 868	4 276	2 132	7 799	619	2 325	
1987 --	5 552	5 647	4 185	3 719	4 906	915	1 191	
Diseases in crops and orchards -----farms, 1992 --	78	12	23	11	68	23	26	
1987 --	68	42	15	53	91	28	70	
acres on which used, 1992 --	5 698	2 755	770	1 256	6 333	3 490	1 977	
1987 --	5 282	1 430	570	3 691	3 237	662	3 496	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	421	560	634	271	453	231	498	
1987 --	639	754	626	332	573	347	586	
acres on which used, 1992 --	182 125	148 676	79 040	87 470	158 926	20 966	160 153	
1987 --	161 380	121 295	56 525	85 157	132 312	28 425	129 698	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	15	13	15	9	38	12	7	
1987 --	29	2	17	5	37	26	15	
acres on which used, 1992 --	2 335	1 854	1 012	801	4 422	1 613	(D)	
1987 --	1 942	(D)	1 316	(D)	1 099	1 886	2 285	

Chemicals used	Marion Marshall Martin Miami Monroe Montgomery Morgan							
	Marion	Marshall	Martin	Miami	Monroe	Montgomery	Morgan	
Commercial fertilizer -----farms, 1992 --	184	757	199	641	273	593	469	
1987 --	229	909	239	701	407	723	482	
acres on which used, 1992 --	28 213	162 693	21 842	121 136	15 402	159 277	88 793	
1987 --	28 580	146 664	19 599	120 632	20 920	153 981	66 665	
Cropland fertilized, except pastureland -----farms, 1992 --	155	735	165	641	253	576	452	
1987 --	221	901	226	701	354	716	476	
acres on which used, 1992 --	27 591	161 900	18 529	120 944	12 816	157 689	85 812	
1987 --	27 898	146 116	17 295	119 078	18 549	152 100	65 329	
Pastureland and rangeland fertilized -----farms, 1992 --	38	48	70	15	86	63	84	
1987 --	29	33	62	45	110	57	52	
acres on which used, 1992 --	622	793	3 313	192	2 586	1 588	2 981	
1987 --	682	548	2 304	1 554	2 371	1 881	1 336	
Sprays, dusts, granules, fumigants, etc., to control —								
Insects on hay and other crops -----farms, 1992 --	97	301	89	182	120	267	205	
1987 --	83	355	77	278	93	366	212	
acres on which used, 1992 --	5 912	34 617	6 921	22 283	3 416	54 276	25 235	
1987 --	7 675	32 132	5 498	32 946	4 220	59 549	29 413	
Nematodes in crops -----farms, 1992 --	10	9	1	11	1	2	2	
1987 --	10	27	9	10	20	42	13	
acres on which used, 1992 --	15	331	(D)	1 800	(D)	(D)	(D)	
1987 --	408	1 207	447	1 311	211	5 364	1 987	
Diseases in crops and orchards -----farms, 1992 --	15	7	9	4	1	10	9	
1987 --	29	36	13	2	2	12	16	
acres on which used, 1992 --	197	544	135	(D)	(D)	(D)	283	
1987 --	1 007	993	14	(D)	(D)	982	1 138	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	109	620	96	542	103	489	330	
1987 --	185	693	174	550	166	560	425	
acres on which used, 1992 --	21 636	127 711	12 904	125 651	5 943	201 645	75 749	
1987 --	23 767	112 240	13 891	96 873	9 988	147 675	64 556	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	11	29	2	9	7	3	21	
1987 --	17	6	3	10	21	23	10	
acres on which used, 1992 --	16	2 284	(D)	2 147	112	(D)	1 955	
1987 --	265	(D)	(D)	1 430	355	610	1 017	

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Chemicals used	Newton	Noble	Ohio	Orange	Owen	Parke	Perry
	Commercial fertilizer -----farms, 1992 --	325	711	199	312	425	398
1987 --	409	876	248	443	444	453	411
acres on which used, 1992 --	138 116	104 992	5 296	36 072	47 161	95 746	18 868
1987 --	133 634	96 412	6 049	36 333	40 202	82 562	28 321
Cropland fertilized, except pastureland -----farms, 1992 --	325	695	199	282	400	398	245
1987 --	409	876	248	401	414	453	357
acres on which used, 1992 --	136 476	104 015	4 886	33 760	45 296	95 324	14 905
1987 --	132 447	94 452	4 971	32 736	38 499	81 390	23 804
Pastureland and rangeland fertilized -----farms, 1992 --	30	54	9	65	85	15	144
1987 --	23	88	25	143	92	25	185
acres on which used, 1992 --	1 640	977	410	2 312	1 865	422	3 963
1987 --	1 187	1 960	1 078	3 597	1 703	1 172	4 517
Sprays, dusts, granules, fumigants, etc., to control —							
Insects on hay and other crops -----farms, 1992 --	174	345	130	116	190	159	27
1987 --	238	391	71	133	154	182	93
acres on which used, 1992 --	42 671	21 779	3 079	13 628	13 618	25 032	1 890
1987 --	45 303	32 490	1 381	12 683	10 434	32 901	4 498
Nematodes in crops -----farms, 1992 --	25	24	5	12	—	2	1
1987 --	17	36	16	—	8	15	2
acres on which used, 1992 --	5 597	4 875	175	405	—	(D)	(D)
1987 --	1 339	2 539	205	—	184	1 095	(D)
Diseases in crops and orchards -----farms, 1992 --	11	38	13	8	—	18	9
1987 --	8	50	19	20	—	23	7
acres on which used, 1992 --	4 329	908	42	(D)	—	1 940	112
1987 --	(D)	529	28	78	—	3 713	25
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	255	500	64	166	199	323	136
1987 --	380	624	111	251	295	326	222
acres on which used, 1992 --	142 870	85 896	3 795	31 162	34 484	95 186	9 918
1987 --	129 926	68 748	3 068	22 996	31 697	71 652	19 661
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	2	9	40	1	7	14	7
1987 --	6	44	6	14	15	32	9
acres on which used, 1992 --	(D)	388	408	(D)	490	359	1 900
1987 --	2 727	1 796	6	480	421	1 926	179
Chemicals used	Pike	Porter	Posey	Pulaski	Putnam	Randolph	Ripley
Commercial fertilizer -----farms, 1992 --	226	411	418	521	549	765	786
1987 --	281	489	470	624	542	880	879
acres on which used, 1992 --	50 044	95 404	153 986	179 096	100 002	166 670	90 400
1987 --	48 068	98 942	123 724	156 574	94 633	153 368	86 159
Cropland fertilized, except pastureland -----farms, 1992 --	217	402	409	512	527	758	759
1987 --	257	464	470	619	533	880	850
acres on which used, 1992 --	49 127	94 560	152 235	178 179	98 816	165 505	89 085
1987 --	46 106	98 077	123 439	155 675	93 003	152 480	84 496
Pastureland and rangeland fertilized -----farms, 1992 --	23	31	39	51	55	40	89
1987 --	57	51	10	43	53	48	93
acres on which used, 1992 --	917	844	1 751	917	1 186	1 165	1 315
1987 --	1 962	865	285	899	1 630	888	1 663
Sprays, dusts, granules, fumigants, etc., to control —							
Insects on hay and other crops -----farms, 1992 --	58	223	196	242	304	197	350
1987 --	75	230	285	301	233	321	354
acres on which used, 1992 --	12 383	21 305	46 502	47 429	34 409	14 636	20 131
1987 --	11 691	29 539	42 259	44 650	26 116	28 943	29 150
Nematodes in crops -----farms, 1992 --	21	4	21	8	24	—	39
1987 --	26	11	1	15	9	41	47
acres on which used, 1992 --	1 556	303	3 898	2 398	1 969	—	3 173
1987 --	1 582	2 196	(D)	1 030	516	2 222	3 899
Diseases in crops and orchards -----farms, 1992 --	10	28	33	8	9	20	50
1987 --	8	21	6	9	5	35	21
acres on which used, 1992 --	250	3 748	4 053	2 048	724	774	1 876
1987 --	(D)	1 438	1 222	(D)	213	1 884	330
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	211	340	361	415	365	589	425
1987 --	267	394	405	498	451	765	624
acres on which used, 1992 --	56 790	99 755	139 451	154 751	94 089	155 352	64 653
1987 --	47 487	92 884	115 392	133 967	85 450	141 204	64 347
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	11	7	52	15	1	2	18
1987 --	16	11	21	3	6	34	31
acres on which used, 1992 --	800	207	3 505	679	(D)	(D)	1 717
1987 --	151	742	2 180	(D)	555	1 088	515

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.

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

Chemicals used	County							
	Rush	St. Joseph	Scott	Shelby	Spencer	Starke	Steuben	
Commercial fertilizer -----farms, 1992 --	651	635	258	623	525	296	383	
1987 --	718	709	309	694	634	361	433	
acres on which used, 1992 --	162 249	127 008	28 114	164 734	96 722	78 994	69 811	
1987 --	147 415	113 356	29 446	143 215	81 401	85 825	62 989	
Cropland fertilized, except pastureland -----farms, 1992 --	645	609	257	623	493	296	370	
1987 --	707	700	300	694	579	361	425	
acres on which used, 1992 --	161 399	126 482	26 887	164 034	88 606	(D)	69 102	
1987 --	146 611	112 790	27 863	142 671	75 659	85 332	62 623	
Pastureland and rangeland fertilized -----farms, 1992 --	32	51	43	20	199	1	27	
1987 --	45	30	74	25	151	12	20	
acres on which used, 1992 --	850	526	1 227	700	8 116	(D)	709	
1987 --	804	566	1 583	544	5 742	493	366	
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	322	229	72	276	182	146	138	
1987 --	362	383	98	340	237	163	239	
acres on which used, 1992 --	52 880	27 561	5 465	32 248	13 298	26 680	12 296	
1987 --	57 337	35 177	11 204	46 599	18 358	31 059	24 977	
Nematodes in crops -----farms, 1992 --	27	6	16	35	9	25	19	
1987 --	16	21	8	30	20	18	1	
acres on which used, 1992 --	4 210	400	3 288	5 416	496	2 027	1 300	
1987 --	2 151	1 720	2 086	3 655	890	1 404	(D)	
Diseases in crops and orchards -----farms, 1992 --	18	64	16	14	52	16	24	
1987 --	10	47	19	3	14	18	14	
acres on which used, 1992 --	2 347	4 167	640	1 467	2 995	438	1 377	
1987 --	2 983	2 549	109	154	438	390	543	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	521	430	223	421	377	211	283	
1987 --	579	561	174	543	451	282	338	
acres on which used, 1992 --	141 205	114 719	22 760	147 067	88 701	62 136	51 162	
1987 --	125 891	96 324	20 965	124 122	66 667	72 632	43 207	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	9	10	3	9	55	1	22	
1987 --	2	4	4	3	23	10	2	
acres on which used, 1992 --	1 599	835	(D)	686	3 013	(D)	426	
1987 --	(D)	780	(D)	(D)	70	5 090	(D)	

Chemicals used	County							
	Sullivan	Switzerland	Tippecanoe	Tipton	Union	Vanderburgh	Vermillion	Vigo
Commercial fertilizer -----farms, 1992 --	366	586	600	390	254	215	242	353
1987 --	482	572	679	510	264	281	295	445
acres on which used, 1992 --	111 920	20 856	155 070	100 217	62 524	46 675	54 663	68 692
1987 --	119 933	15 005	133 792	101 982	55 706	51 602	59 699	66 626
Cropland fertilized, except pastureland -----farms, 1992 --	351	586	578	390	242	208	242	353
1987 --	480	566	669	503	264	267	295	416
acres on which used, 1992 --	110 292	16 901	153 648	(D)	62 021	(D)	54 246	68 429
1987 --	119 390	14 489	132 090	101 759	55 197	51 314	59 569	65 803
Pastureland and rangeland fertilized -----farms, 1992 --	54	63	52	2	29	9	14	14
1987 --	13	33	48	10	24	17	8	48
acres on which used, 1992 --	1 628	3 955	1 422	(D)	503	(D)	417	263
1987 --	543	516	1 702	223	509	288	130	823
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	93	326	280	170	139	101	79	94
1987 --	131	192	356	198	154	159	130	81
acres on which used, 1992 --	24 377	5 471	46 640	29 234	27 410	12 968	12 875	8 544
1987 --	22 794	2 630	46 294	25 000	31 119	22 456	16 679	9 299
Nematodes in crops -----farms, 1992 --	3	18	29	1	10	1	7	9
1987 --	10	30	11	2	11	9	8	--
acres on which used, 1992 --	(D)	93	4 226	(D)	987	(D)	700	18
1987 --	3 475	1 156	1 406	(D)	714	2 025	3 440	--
Diseases in crops and orchards -----farms, 1992 --	12	26	6	14	--	5	1	12
1987 --	33	30	10	10	1	22	9	3
acres on which used, 1992 --	1 566	139	558	3 391	--	(D)	(D)	31
1987 --	4 890	47	482	1 696	(D)	250	2 190	(D)
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	281	175	449	336	195	151	186	232
1987 --	444	207	547	460	191	216	242	392
acres on which used, 1992 --	100 594	11 507	162 280	118 597	51 493	44 339	61 188	80 883
1987 --	120 375	8 178	139 796	114 523	29 264	49 433	67 506	74 917
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	17	91	7	10	--	4	5	7
1987 --	11	37	35	4	3	14	7	9
acres on which used, 1992 --	1 922	1 826	525	4 443	--	513	90	349
1987 --	351	197	2 316	528	(D)	840	112	180

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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, 1992 --	615	323	279	639	576	636	563	557
1987 --	641	371	327	766	640	725	669	727
acres on which used, 1992 --	132 095	95 837	49 789	78 174	106 497	124 460	203 093	100 991
1987 --	119 004	89 055	52 097	80 194	108 681	141 420	175 072	102 113
Cropland fertilized, except pastureland -----farms, 1992 --	593	311	267	594	570	636	563	557
1987 --	630	371	308	687	630	724	664	718
acres on which used, 1992 --	131 334	94 303	48 467	70 486	104 417	124 332	202 311	100 844
1987 --	118 086	88 132	50 544	69 390	107 262	(D)	174 419	101 510
Pastureland and rangeland fertilized -----farms, 1992 --	37	34	36	212	70	8	24	6
1987 --	45	19	39	242	72	2	47	31
acres on which used, 1992 --	761	1 534	1 322	7 688	2 080	128	782	147
1987 --	918	923	1 553	10 804	1 419	(D)	653	603
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	227	125	87	367	283	124	335	212
1987 --	256	94	84	231	318	173	262	292
acres on which used, 1992 --	27 286	22 269	10 676	18 637	26 257	11 603	67 144	13 591
1987 --	31 114	20 641	10 217	21 101	36 982	16 998	46 892	25 833
Nematodes in crops -----farms, 1992 --	6	--	1	31	10	3	56	1
1987 --	21	2	14	49	41	16	29	52
acres on which used, 1992 --	1 361	--	(D)	2 151	1 085	430	8 420	(D)
1987 --	2 025	(D)	264	3 866	5 083	560	2 133	1 941
Diseases in crops and orchards -----farms, 1992 --	2	5	2	9	16	4	18	8
1987 --	30	1	17	64	32	2	16	48
acres on which used, 1992 --	(D)	745	(D)	91	339	(D)	2 269	106
1987 --	214	(D)	138	2 587	1 617	(D)	2 192	1 335
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	465	223	274	317	460	499	459	431
1987 --	527	374	274	474	455	682	550	528
acres on which used, 1992 --	120 970	118 882	59 070	53 328	87 744	140 794	190 646	87 095
1987 --	98 756	115 696	48 776	53 432	81 536	145 883	176 012	72 427
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	4	9	33	18	35	21	2	9
1987 --	16	17	4	41	14	11	6	25
acres on which used, 1992 --	(D)	6 995	1 217	1 376	4 283	2 482	(D)	1 516
1987 --	144	2 367	(D)	3 545	1 675	530	(D)	450