

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	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan
Commercial fertilizer -----farms, 1992 --	44 790	75 683	16 791	3 090	9 007	3 424	33 372
1987 --	47 723	78 261	17 096	3 252	10 292	3 858	37 282
acres on which used, 1992 --	15 649 595	3 668 562	3 041 080	257 402	1 212 843	118 217	5 696 920
1987 --	13 852 822	3 353 333	2 594 119	246 899	1 135 625	138 832	5 300 902
Cropland fertilized, except pastureland -----farms, 1992 --	42 334	71 960	12 449	2 965	8 515	3 310	32 980
1987 --	45 112	74 826	12 250	3 126	9 618	3 688	36 873
acres on which used, 1992 --	15 013 736	2 918 682	2 721 595	246 056	1 169 391	109 962	5 657 258
1987 --	13 282 488	2 731 404	2 295 264	232 078	1 092 627	127 795	5 257 909
Pastureland and rangeland fertilized -----farms, 1992 --	7 128	16 697	6 036	442	1 707	376	1 662
1987 --	6 937	14 841	6 162	517	1 873	538	1 771
acres on which used, 1992 --	635 859	749 880	319 485	11 346	43 452	8 255	39 662
1987 --	570 334	621 929	298 855	14 821	42 998	11 037	42 993
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	19 255	32 380	5 789	1 692	4 958	1 644	14 717
1987 --	19 416	33 978	6 953	1 728	5 122	2 049	15 082
acres on which used, 1992 --	2 908 162	655 321	1 825 778	133 702	395 063	41 367	1 412 690
1987 --	3 015 580	683 276	1 777 694	129 050	418 327	49 252	1 532 318
Nematodes in crops -----farms, 1992 --	568	2 190	839	143	412	123	1 305
1987 --	716	2 071	762	144	662	152	2 132
acres on which used, 1992 --	110 217	50 657	(D)	13 401	36 876	3 480	153 808
1987 --	87 904	39 919	144 320	8 314	45 255	5 212	205 371
Diseases in crops and orchards -----farms, 1992 --	1 025	9 718	1 668	885	1 144	1 059	4 543
1987 --	1 055	5 989	1 782	1 079	1 261	1 093	5 320
acres on which used, 1992 --	157 727	130 424	347 684	87 945	60 554	24 432	326 781
1987 --	125 065	59 518	296 207	72 535	39 094	25 050	336 227
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	28 641	22 090	7 772	1 482	5 515	1 401	23 222
1987 --	36 950	26 531	10 346	1 833	6 627	1 690	27 595
acres on which used, 1992 --	8 165 580	2 009 296	2 635 997	146 504	888 368	47 325	4 286 848
1987 --	8 637 062	2 051 639	2 614 028	138 262	840 439	57 337	3 800 607
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	630	6 084	2 384	560	495	218	1 567
1987 --	614	5 310	2 306	552	546	255	2 204
acres on which used, 1992 --	76 593	83 107	729 376	61 640	40 267	4 582	99 465
1987 --	68 839	68 909	520 539	53 000	34 521	5 928	118 970

Chemicals used	Minnesota	Mississippi	Missouri	Montana	Nebraska	Nevada	New Hampshire
Commercial fertilizer -----farms, 1992 --	54 306	21 304	63 272	11 327	37 773	757	1 259
1987 --	62 703	22 555	66 478	12 271	43 266	806	1 352
acres on which used, 1992 --	12 647 349	3 326 811	9 693 513	5 428 561	11 811 687	161 188	65 110
1987 --	11 815 747	3 085 212	8 789 212	5 686 900	10 757 696	172 574	68 325
Cropland fertilized, except pastureland -----farms, 1992 --	54 002	14 673	50 543	10 734	37 007	706	1 193
1987 --	62 184	16 389	53 762	11 731	42 613	728	1 263
acres on which used, 1992 --	12 574 755	2 748 912	7 397 696	5 300 347	11 484 586	147 382	58 791
1987 --	11 697 464	2 562 397	6 798 379	5 552 894	10 417 219	161 576	61 591
Pastureland and rangeland fertilized -----farms, 1992 --	1 897	9 412	27 135	1 510	4 634	105	226
1987 --	2 575	8 979	26 307	1 543	4 693	147	322
acres on which used, 1992 --	72 594	577 899	2 295 817	128 214	327 101	13 806	6 319
1987 --	118 283	522 815	1 990 833	134 006	340 477	10 998	6 734
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	12 005	4 887	22 204	2 557	18 438	276	427
1987 --	16 629	7 182	16 327	6 726	25 811	513	544
acres on which used, 1992 --	1 896 881	1 629 341	1 786 060	772 737	4 755 031	83 117	8 622
1987 --	2 145 938	1 508 903	1 689 536	2 119 654	5 073 541	121 499	13 154
Nematodes in crops -----farms, 1992 --	1 150	436	824	330	1 669	22	48
1987 --	1 656	436	824	303	2 174	16	51
acres on which used, 1992 --	164 923	181 264	101 908	73 166	367 507	7 250	903
1987 --	175 051	113 361	86 167	55 606	324 932	2 203	1 792
Diseases in crops and orchards -----farms, 1992 --	2 202	1 195	1 161	605	927	26	268
1987 --	2 452	1 600	1 640	836	848	45	312
acres on which used, 1992 --	560 511	294 975	99 369	316 018	156 715	8 305	4 173
1987 --	473 244	317 737	92 043	320 233	108 588	7 625	5 147
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	43 792	8 070	27 890	9 765	28 147	342	518
1987 --	53 496	11 043	37 202	11 811	34 624	525	584
acres on which used, 1992 --	13 156 844	2 968 957	6 674 544	4 694 845	9 064 669	60 958	20 654
1987 --	11 714 916	2 863 229	7 144 587	6 004 359	8 249 647	99 709	21 000
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	1 165	2 435	1 711	266	530	18	84
1987 --	1 503	3 391	1 880	412	677	40	86
acres on which used, 1992 --	190 681	1 175 577	347 601	72 340	109 403	5 780	2 023
1987 --	208 562	928 681	227 289	111 060	93 613	12 862	2 107

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

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Chemicals used	New Jersey	New Mexico	New York	North Carolina	North Dakota	Ohio	Oklahoma
Commercial fertilizer -----farms, 1992 --	5 483	4 539	20 618	40 317	19 817	52 265	34 628
1987 --	5 743	3 927	24 061	46 980	24 294	59 411	33 514
acres on which used, 1992 --	390 944	764 160	2 214 886	3 741 135	13 942 386	7 528 610	7 725 743
1987 --	403 728	642 053	2 387 022	3 362 202	13 191 271	7 404 367	6 361 448
Cropland fertilized, except pastureland -----farms, 1992 --	5 185	4 212	20 399	35 765	19 740	51 381	26 342
1987 --	5 370	3 629	23 635	42 530	24 166	58 303	25 703
acres on which used, 1992 --	380 075	729 191	2 171 705	3 386 240	13 900 436	7 402 497	6 336 640
1987 --	387 472	603 821	2 326 329	3 035 770	13 130 541	7 257 680	5 295 792
Pastureland and rangeland fertilized -----farms, 1992 --	677	556	1 564	10 951	422	4 790	13 672
1987 --	771	551	2 146	10 783	635	5 437	11 772
acres on which used, 1992 --	10 869	34 969	43 181	354 895	41 950	126 113	1 389 103
1987 --	16 256	38 232	60 693	326 432	60 730	146 687	1 065 656
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	2 329	1 667	6 353	18 367	4 452	19 490	6 598
1987 --	3 096	2 229	8 268	24 458	7 801	21 005	8 873
acres on which used, 1992 --	120 442	373 508	538 929	1 531 775	1 317 219	1 446 415	1 190 089
1987 --	150 241	430 658	615 972	1 451 995	2 181 646	1 780 493	1 365 603
Nematodes in crops -----farms, 1992 --	282	142	627	7 805	370	1 112	369
1987 --	351	116	909	10 839	328	2 226	389
acres on which used, 1992 --	11 539	16 385	66 505	445 562	112 017	105 944	50 656
1987 --	15 613	12 511	63 091	404 368	111 487	173 001	32 382
Diseases in crops and orchards -----farms, 1992 --	1 237	434	3 412	6 379	1 428	3 299	1 199
1987 --	1 544	456	3 842	7 505	1 859	3 844	1 596
acres on which used, 1992 --	58 762	34 397	224 355	317 908	723 880	129 403	132 335
1987 --	65 983	33 352	214 683	243 372	724 452	158 722	106 992
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	2 622	1 755	12 493	18 064	18 935	37 461	16 294
1987 --	3 170	2 444	16 876	24 298	24 641	44 463	20 021
acres on which used, 1992 --	262 697	417 260	1 297 582	2 493 561	13 461 467	6 492 112	3 622 961
1987 --	268 203	546 889	1 447 588	2 254 489	12 711 065	6 064 481	3 859 483
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	283	247	1 336	3 702	589	1 879	741
1987 --	221	344	1 245	3 653	806	2 233	802
acres on which used, 1992 --	9 903	28 680	82 547	329 505	174 001	109 089	125 634
1987 --	(D)	28 632	76 360	137 014	223 180	114 610	105 702

Chemicals used	Oregon	Pennsylvania	Rhode Island	South Carolina	South Dakota	Tennessee	Texas
Commercial fertilizer -----farms, 1992 --	16 515	31 894	404	14 668	19 621	55 143	96 585
1987 --	17 254	37 209	399	15 024	21 427	57 948	98 114
acres on which used, 1992 --	2 426 366	2 716 020	14 835	1 603 160	7 572 947	3 645 016	16 501 174
1987 --	2 385 614	2 885 071	13 931	1 535 395	6 901 886	3 487 602	14 393 906
Cropland fertilized, except pastureland -----farms, 1992 --	13 807	31 326	383	11 222	19 316	46 018	67 926
1987 --	14 208	36 346	371	11 880	21 161	49 350	68 218
acres on which used, 1992 --	2 254 820	2 610 841	14 218	1 335 327	7 399 201	2 721 952	13 076 296
1987 --	2 184 742	2 773 304	12 528	1 268 716	6 746 598	2 697 808	11 138 183
Pastureland and rangeland fertilized -----farms, 1992 --	4 630	4 832	54	5 560	1 483	20 740	41 591
1987 --	5 230	5 772	78	5 381	1 700	19 938	42 623
acres on which used, 1992 --	171 546	105 179	617	267 833	173 746	923 064	3 424 878
1987 --	200 872	111 767	1 403	266 679	155 288	789 794	3 255 723
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	7 242	11 870	185	4 436	3 850	15 454	18 555
1987 --	6 542	17 426	210	5 737	7 237	17 562	26 672
acres on which used, 1992 --	660 395	771 501	6 599	569 616	868 389	783 399	5 296 632
1987 --	566 470	958 205	6 250	583 768	1 491 899	711 974	6 058 337
Nematodes in crops -----farms, 1992 --	1 126	1 334	22	1 724	394	1 302	1 993
1987 --	937	1 923	17	2 198	508	1 129	2 461
acres on which used, 1992 --	105 958	104 403	510	192 374	74 714	87 672	616 924
1987 --	80 746	107 576	195	203 830	76 683	66 394	554 418
Diseases in crops and orchards -----farms, 1992 --	5 637	3 544	120	1 390	209	5 127	5 954
1987 --	4 703	4 553	109	1 811	243	3 819	6 983
acres on which used, 1992 --	481 846	126 280	3 143	150 137	50 430	143 800	774 157
1987 --	374 476	132 346	2 874	110 445	36 911	88 759	658 049
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	17 473	19 838	165	5 888	18 447	15 686	46 225
1987 --	13 348	26 545	185	7 598	21 254	21 658	56 471
acres on which used, 1992 --	1 860 753	1 516 580	7 666	938 525	7 853 762	1 953 155	11 245 921
1987 --	1 804 085	1 643 561	7 317	974 825	6 977 251	2 150 274	10 791 644
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	1 152	1 309	24	894	307	3 683	6 110
1987 --	1 732	1 859	21	974	277	3 541	8 988
acres on which used, 1992 --	78 891	56 650	792	(D)	68 469	456 657	1 778 488
1987 --	101 121	62 543	816	110 886	62 646	306 832	1 832 217

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	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming
Commercial fertilizer -----farms, 1992 --	6 232	3 097	28 903	16 567	9 604	50 641	2 923
1987 --	6 324	3 418	32 186	18 030	9 630	58 252	2 903
acres on which used, 1992 --	596 697	287 522	2 082 495	4 137 587	321 705	6 495 430	692 246
1987 --	552 903	284 133	2 032 835	3 893 955	335 575	6 742 276	655 910
Cropland fertilized, except pastureland -----farms, 1992 --	5 794	3 018	25 992	15 175	8 867	50 235	2 754
1987 --	5 904	3 124	28 853	16 383	8 664	57 831	2 739
acres on which used, 1992 --	549 964	259 177	1 712 490	4 077 659	261 051	6 382 735	652 564
1987 --	518 188	244 240	1 646 711	3 813 267	260 960	6 621 637	612 832
Pastureland and rangeland fertilized -----farms, 1992 --	1 234	762	8 908	2 359	2 162	3 450	467
1987 --	1 029	1 131	10 060	2 990	2 668	3 772	481
acres on which used, 1992 --	46 733	28 345	370 005	59 928	60 654	112 695	39 682
1987 --	34 715	39 893	386 124	80 688	74 615	120 639	43 078
Sprays, dusts, granules, fumigants, etc., to control —							
Insects on hay and other crops -----farms, 1992 --	3 194	626	14 112	9 678	4 025	21 678	889
1987 --	4 075	560	11 662	9 486	1 707	23 049	1 128
acres on which used, 1992 --	257 165	21 402	628 369	1 068 315	73 878	1 887 846	168 846
1987 --	284 299	22 170	678 466	1 007 286	64 005	1 989 904	209 987
Nematodes in crops -----farms, 1992 --	78	58	2 021	845	128	3 035	192
1987 --	85	68	3 141	821	169	3 119	203
acres on which used, 1992 --	2 949	2 029	132 937	126 535	6 008	243 023	27 146
1987 --	4 901	5 063	134 215	122 068	11 940	230 335	37 251
Diseases in crops and orchards -----farms, 1992 --	414	338	3 385	5 325	615	4 210	89
1987 --	558	238	3 921	5 253	580	3 319	101
acres on which used, 1992 --	13 269	8 418	162 992	417 596	14 388	216 947	11 044
1987 --	21 048	7 366	135 909	418 882	16 111	203 438	17 351
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	3 332	1 377	10 674	17 165	2 462	43 251	2 608
1987 --	4 655	1 534	13 779	14 365	3 289	42 924	3 003
acres on which used, 1992 --	284 490	80 223	1 099 109	3 390 736	98 351	3 902 725	432 141
1987 --	360 811	74 766	1 153 803	3 203 927	128 734	3 441 806	539 534
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	236	108	1 349	3 306	252	2 101	43
1987 --	265	67	1 658	3 595	294	1 590	68
acres on which used, 1992 --	12 930	3 918	60 869	261 059	7 201	135 818	5 232
1987 --	9 314	3 912	55 322	242 479	10 843	109 685	11 080