

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

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

Chemicals used	Counties							
	Oregon	Baker	Benton	Clackamas	Clatsop	Columbia	Coos	
Commercial fertilizer ----- farms, 1987--	17 254	263	384	1 814	57	209	266	
	1982--	17 792	250	331	1 704	85	198	
	acres on which used, 1987--	2 385 614	37 311	59 692	51 391	1 266	6 799	
	1982--	2 611 937	53 147	50 747	54 105	1 945	7 645	
Cropland fertilized, except pastureland ----- farms, 1987--	14 208	241	302	1 456	39	171	204	
	1982--	14 862	241	263	1 345	48	151	
	acres on which used, 1987--	2 184 742	33 286	53 346	45 049	866	5 487	
	1982--	2 449 412	48 274	48 766	47 728	1 115	6 286	
Pastureland and rangeland fertilized ----- farms, 1987--	5 230	77	135	557	26	65	99	
	1982--	5 658	84	128	530	44	83	
	acres on which used, 1987--	200 872	4 025	6 346	6 342	400	1 256	
	1982--	162 525	4 873	1 981	6 377	830	1 359	
Lime ----- farms, 1987--	1 749	1	33	294	-	11	8	
	1982--	1 634	-	89	234	-	39	
	acres on which used, 1987--	74 626	(D)	4 864	3 912	-	80	
	1982--	49 853	-	2 267	2 354	-	862	
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987--	140 224	(D)	16 520	6 519	-	166	
	1982--	87 066	-	4 791	5 762	-	1 235	
	Insects on hay and other crops ----- farms, 1987--	6 542	57	102	798	30	80	
	1982--	5 844	10	114	677	21	38	
Nematodes in crops ----- farms, 1987--	937	3	13	98	1	10	-	
	1982--	853	-	18	81	-	24	
	acres on which used, 1987--	80 746	263	2 071	2 044	(D)	250	
	1982--	55 550	-	(D)	1 381	-	39	
Diseases in crops and orchards ----- farms, 1987--	4 703	11	112	549	31	53	68	
	1982--	3 818	7	124	381	16	47	
	acres on which used, 1987--	374 476	(D)	19 513	13 668	475	1 161	
	1982--	309 182	218	14 987	6 364	32	1 945	
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	13 348	176	289	1 725	121	234	165	
	1982--	11 894	205	239	1 491	94	245	
	acres on which used, 1987--	1 804 085	14 403	43 881	44 738	4 307	7 765	
	1982--	1 893 676	23 654	41 020	40 244	750	10 195	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	1 732	10	21	174	-	15	14	
	1982--	1 349	4	32	172	8	16	
	acres on which used, 1987--	101 121	799	1 490	2 132	-	15	
	1982--	77 275	173	674	1 719	240	914	

Chemicals used	Counties							
	Crook	Curry	Deschutes	Douglas	Gilliam	Grant	Harney	
Commercial fertilizer ----- farms, 1987--	243	77	529	720	93	100	89	
	1982--	244	71	575	814	112	98	
	acres on which used, 1987--	32 713	5 611	25 190	63 130	91 505	12 792	
	1982--	28 067	3 819	19 523	50 009	108 213	8 433	
Cropland fertilized, except pastureland ----- farms, 1987--	156	32	350	441	90	91	79	
	1982--	188	37	424	580	112	98	
	acres on which used, 1987--	24 943	582	16 592	14 598	91 164	11 277	
	1982--	24 228	494	13 400	25 900	107 678	(D)	
Pastureland and rangeland fertilized ----- farms, 1987--	166	51	318	406	9	15	12	
	1982--	105	37	340	349	5	6	
	acres on which used, 1987--	7 770	5 029	8 598	48 532	341	1 515	
	1982--	3 839	3 325	6 123	24 109	535	(D)	
Lime ----- farms, 1987--	11	7	26	19	1	-	-	
	1982--	-	15	20	29	1	-	
	acres on which used, 1987--	340	131	2 758	108	(D)	-	
	1982--	-	144	963	254	(D)	(D)	
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987--	512	133	1 191	134	(D)	-	
	1982--	-	272	2 747	398	(D)	(D)	
	Insects on hay and other crops ----- farms, 1987--	87	19	60	103	20	16	
	1982--	38	15	49	67	11	14	
Nematodes in crops ----- farms, 1987--	17	5	17	-	-	-	6	
	1982--	11	7	12	1	-	-	
	acres on which used, 1987--	1 826	188	1 458	-	-	42	
	1982--	677	82	348	(D)	-	-	
Diseases in crops and orchards ----- farms, 1987--	2	16	12	123	8	-	-	
	1982--	13	9	7	88	2	4	
	acres on which used, 1987--	(D)	157	227	2 240	6 062	-	
	1982--	895	112	226	2 024	(D)	539	
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	65	47	139	514	103	71	36	
	1982--	113	49	71	329	127	56	
	acres on which used, 1987--	8 308	2 487	4 346	13 688	107 642	9 967	
	1982--	11 967	3 408	3 864	15 375	113 330	2 430	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	5	-	2	36	6	1	6	
	1982--	3	3	1	31	11	-	
	acres on which used, 1987--	513	-	(D)	881	(D)	(D)	
	1982--	(D)	15	(D)	127	2 360	(D)	

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	County							
	Hood River	Jackson	Jefferson	Josephine	Klamath	Lake	Lane	
Commercial fertilizer ----- farms, 1987..	410	713	232	333	444	169	1 153	
1982..	409	768	281	311	428	141	1 093	
acres on which used, 1987..	16 657	29 028	45 083	7 952	89 711	32 092	73 089	
1982..	14 804	37 078	58 064	7 560	85 774	33 179	81 874	
Cropland fertilized, except pastureland ----- farms, 1987..	398	483	188	266	407	146	874	
1982..	402	599	254	234	378	100	841	
acres on which used, 1987..	16 233	22 631	43 525	6 136	83 161	28 959	63 443	
1982..	14 554	33 034	56 805	5 473	82 032	26 091	71 392	
Pastureland and rangeland fertilized ----- farms, 1987..	43	339	71	96	71	41	462	
1982..	45	284	66	157	78	50	434	
acres on which used, 1987..	424	6 397	1 558	1 816	6 550	3 133	9 646	
1982..	250	4 044	1 259	2 087	3 742	7 088	10 482	
Lime ----- farms, 1987..	90	23	16	16	2	-	116	
1982..	42	6	8	25	8	-	143	
acres on which used, 1987..	2 703	432	953	50	(D)	-	2 679	
1982..	1 395	60	551	503	586	-	2 533	
tons, 1987..	5 397	890	1 045	92	(D)	-	4 474	
1982..	2 119	120	987	880	587	-	4 390	
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	362	117	129	73	187	27	320	
1982..	293	105	112	52	201	17	273	
acres on which used, 1987..	13 954	11 939	21 180	967	28 460	2 810	15 943	
1982..	12 395	9 894	17 794	749	28 564	9 974	13 959	
Nematodes in crops ----- farms, 1987..	56	18	68	13	87	9	46	
1982..	34	5	41	23	74	2	33	
acres on which used, 1987..	713	608	6 042	(D)	9 725	330	3 865	
1982..	1 037	50	879	346	9 143	(D)	3 207	
Diseases in crops and orchards ----- farms, 1987..	290	106	43	85	33	10	282	
1982..	274	80	9	42	42	1	212	
acres on which used, 1987..	11 607	8 124	7 390	658	5 973	340	17 852	
1982..	10 956	10 331	667	543	4 122	(D)	12 233	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	319	416	178	101	335	132	768	
1982..	224	212	212	99	288	48	492	
acres on which used, 1987..	11 551	13 915	37 891	2 006	59 499	20 620	56 860	
1982..	9 579	8 577	39 674	1 680	57 498	10 852	50 262	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	199	51	15	7	37	-	102	
1982..	195	15	32	4	17	1	51	
acres on which used, 1987..	4 346	1 690	1 477	(D)	4 502	-	1 705	
1982..	5 132	(D)	1 443	20	2 290	(D)	478	

Chemicals used	County							
	Lincoln	Linn	Malheur	Marion	Morrow	Multnomah	Polk	Sherman
Commercial fertilizer ----- farms, 1987..	52	1 041	779	1 688	216	317	633	133
1982..	103	1 161	794	1 856	217	288	730	151
acres on which used, 1987..	1 027	244 782	104 950	186 565	172 852	10 892	86 806	102 922
1982..	2 862	219 972	128 081	185 609	239 820	11 800	97 546	136 730
Cropland fertilized, except pastureland ----- farms, 1987..	23	870	704	1 488	196	262	522	133
1982..	49	873	779	1 624	201	214	598	151
acres on which used, 1987..	88	233 938	102 174	179 643	171 536	10 156	80 035	(D)
1982..	802	207 566	125 164	179 543	237 503	10 127	92 910	136 556
Pastureland and rangeland fertilized ----- farms, 1987..	33	330	145	375	44	67	207	2
1982..	69	542	102	533	29	92	283	3
acres on which used, 1987..	939	10 844	2 776	6 922	1 316	736	6 771	(D)
1982..	2 060	12 406	2 917	6 066	2 317	1 673	4 636	174
Lime ----- farms, 1987..	-	174	1	353	-	65	89	1
1982..	19	165	3	370	-	62	57	1
acres on which used, 1987..	-	19 692	(D)	19 515	-	1 162	3 243	(D)
1982..	315	8 732	350	10 593	-	911	1 974	(D)
tons, 1987..	-	37 227	(D)	35 739	-	1 959	6 248	(D)
1982..	1 136	16 875	(D)	20 315	-	1 501	2 929	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	1	244	534	869	82	202	206	14
1982..	1	148	388	916	48	157	312	17
acres on which used, 1987..	(D)	32 311	56 312	69 517	58 447	6 900	15 936	4 011
1982..	(D)	16 358	55 665	63 708	54 635	8 490	18 734	12 257
Nematodes in crops ----- farms, 1987..	-	34	104	161	19	21	7	-
1982..	-	34	124	122	9	14	28	1
acres on which used, 1987..	-	3 486	10 016	10 163	12 843	341	786	-
1982..	-	2 974	5 970	9 147	8 815	123	315	(D)
Diseases in crops and orchards ----- farms, 1987..	1	253	138	734	23	84	220	17
1982..	1	177	113	695	25	52	188	17
acres on which used, 1987..	(D)	69 203	14 533	54 065	15 495	3 505	20 551	7 352
1982..	(D)	30 165	14 227	42 998	12 470	4 780	14 639	7 608
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	102	905	627	1 360	223	239	476	124
1982..	92	692	591	1 399	183	217	464	142
acres on which used, 1987..	3 030	163 577	82 954	134 524	177 501	9 843	61 582	91 492
1982..	1 516	146 143	78 119	141 253	197 423	6 990	73 088	112 267
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	-	69	156	199	19	27	57	8
1982..	4	14	129	144	27	30	25	3
acres on which used, 1987..	-	9 423	10 538	9 451	11 979	792	2 732	5 720
1982..	24	(D)	10 771	6 354	19 211	441	1 361	(D)

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Chemicals used	Tillamook	Umatilla	Union	Wallowa	Wasco	Washington	Wheeler	Yamhill
Commercial fertilizer ----- farms, 1987--	108	919	417	257	267	1 051	36	1 042
1982--	124	859	355	250	368	1 187	51	1 035
acres on which used, 1987--	6 728	370 807	78 886	53 747	81 413	66 483	8 845	80 181
1982--	7 321	405 347	78 572	61 302	91 721	83 446	14 872	86 617
Cropland fertilized, except pastureland ----- farms, 1987--	45	829	371	217	251	964	29	890
1982--	76	790	328	212	340	1 079	47	953
acres on which used, 1987--	2 180	365 020	68 849	50 972	78 902	64 611	7 413	74 681
1982--	3 499	395 740	74 615	55 149	88 463	79 418	14 296	81 505
Pastureland and rangeland fertilized ----- farms, 1987--	78	165	101	53	55	242	9	265
1982--	73	197	76	78	62	311	12	269
acres on which used, 1987--	4 548	5 787	10 037	2 775	2 511	1 872	1 432	5 500
1982--	3 822	9 607	3 957	6 153	3 258	4 028	576	5 112
Lime ----- farms, 1987--	16	17	23	-	15	187	-	134
1982--	5	1	-	-	-	129	2	143
acres on which used, 1987--	278	63	1 321	-	85	5 014	-	4 591
1982--	92	(D)	-	-	-	3 904	(D)	5 737
tons, 1987--	571	57	1 428	-	135	9 430	-	9 586
1982--	295	(D)	-	-	-	5 661	(D)	9 144
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1987--	-	381	113	19	142	621	11	438
1982--	7	322	115	37	129	632	3	415
acres on which used, 1987--	-	79 632	8 003	5 466	14 000	18 754	702	28 015
1982--	(D)	83 751	9 227	7 421	10 946	27 535	1 955	28 461
Nematodes in crops ----- farms, 1987--	-	31	-	-	22	63	3	5
1982--	6	12	-	-	15	92	-	22
acres on which used, 1987--	-	7 952	-	-	2 377	1 104	380	1 827
1982--	6	3 853	-	-	921	3 655	-	1 582
Diseases in crops and orchards ----- farms, 1987--	-	253	77	2	94	471	8	494
1982--	14	205	47	5	116	379	4	348
acres on which used, 1987--	-	47 923	3 126	(D)	5 223	12 143	(D)	23 134
1982--	18	79 265	1 247	5	6 579	10 923	(D)	14 382
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	96	796	297	157	221	923	33	835
1982--	203	631	302	169	244	953	28	692
acres on which used, 1987--	4 007	322 137	54 723	30 049	68 949	54 139	5 118	59 405
1982--	8 308	342 386	70 607	42 439	77 886	61 232	6 271	59 136
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	-	182	7	6	55	163	1	82
1982--	7	88	24	2	10	130	-	101
acres on which used, 1987--	-	19 893	75	245	1 312	2 213	(D)	1 514
1982--	16	8 329	703	(D)	303	5 113	-	2 632