

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

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

Chemicals used	Oregon							Baker							Benton							Clackamas							Clatsop							Columbia							Coos						
	Oregon		Baker		Benton		Clackamas		Clatsop		Columbia		Coos																																				
Commercial fertilizer ----- farms, 1982..	17 792		250		331		1 704		85		198		267																																				
	1978..		16 544		348		1 442		63		153		270																																				
	acres on which used, 1982..		53 147		50 747		54 105		1 945		7 645		15 773																																				
	1978..		40 506		64 847		56 437		1 148		7 610		18 482																																				
Cropland fertilized, except pastureland ----- farms, 1982..	14 862		241		263		1 345		48		151		176																																				
	1978..		262		327		1 322		57		144		205																																				
	acres on which used, 1982..		48 274		48 766		47 728		1 115		6 286		4 798																																				
	1978..		35 255		60 958		46 194		764		6 822		6 258																																				
Pastureland and rangeland fertilized ----- farms, 1982..	5 658		84		128		530		44		83		101																																				
	1978..		65		103		528		29		45		153																																				
	acres on which used, 1982..		4 873		1 981		6 377		830		1 359		10 975																																				
	1978..		5 251		3 889		10 243		384		788		12 224																																				
Lime ----- farms, 1982..	1 634		-		89		234		-		39		17																																				
	1978..		2 310		2		58		20		50		40																																				
	acres on which used, 1982..		49 853		-		2 267		-		862		208																																				
	1978..		77 390		(D)		3 452		47		2 464		609																																				
Sprays, dusts, granules, fumigants, etc., to control—	87 066		-		4 791		5 762		-		1 235		249																																				
	1978..		(D)		7 544		7 803		69		5 482		2 404																																				
	Insects on hay and other crops ----- farms, 1982..		5 844		10		114		677		21		38		71																																		
	1978..		5 262		77		121		392		-		28		76																																		
Nematodes in crops ----- farms, 1982..	550 716		618		9 485		15 589		154		2 647		656																																				
	1978..		5 911		11 475		10 174		-		883		1 136																																				
	acres on which used, 1982..		-		(D)		1 381		-		39		93																																				
	1978..		-		4 706		1 629		-		448		46																																				
Diseases in crops and orchards ----- farms, 1982..	853		-		18		81		-		24		8																																				
	1978..		674		34		60		-		8		3																																				
	acres on which used, 1982..		55 550		-		(D)		1 381		-		39		93																																		
	1978..		43 951		-		4 706		1 629		-		448		46																																		
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	3 818		7		124		381		16		47		74																																				
	1978..		4 090		27		94		1		18		82																																				
	acres on which used, 1982..		309 182		218		14 987		6 364		32		1 945		624																																		
	1978..		278 825		696		10 751		7 393		(D)		244		858																																		
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	11 894		205		239		1 491		94		245		209																																				
	1978..		10 811		156		259		36		173		209																																				
	acres on which used, 1982..		1 893 676		23 654		41 020		40 244		750		10 195		4 778																																		
	1978..		1 670 397		22 779		30 804		39 391		801		5 485		4 250																																		
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1 349		4		32		172		8		16		14																																				
	1978..		1 378		5		24		69		5		3																																				
	acres on which used, 1982..		77 275		173		674		1 719		240		914		147																																		
	1978..		82 430		10		1 957		1 932		-		61		317																																		

Chemicals used	Crook		Curry		Deschutes		Douglas		Gilliam		Grant		Harney			
	Commercial fertilizer ----- farms, 1982..	244		71		575		814		112		83		98		
1978..		69		361		735		104		129		90				
acres on which used, 1982..		3 819		19 523		50 009		108 213		8 433		40 560				
1978..		6 659		22 176		89 351		85 418		21 619		22 758				
Cropland fertilized, except pastureland ----- farms, 1982..	188		37		424		580		112		77		98			
	1978..		182		54		308		103		124		90			
	acres on which used, 1982..		24 228		494		13 400		25 900		(D)		(D)			
	1978..		28 108		1 858		16 310		30 474		85 140		17 226		(D)	
Pastureland and rangeland fertilized ----- farms, 1982..	105		37		340		349		5		6		1			
	1978..		75		219		362		7		21		2			
	acres on which used, 1982..		3 839		3 325		6 123		24 109		535		(D)		(D)	
	1978..		4 479		4 801		5 866		58 877		278		4 393		(D)	
Lime ----- farms, 1982..	-		15		20		29		1		1		-			
	1978..		6		16		38		3		6		-			
	acres on which used, 1982..		-		963		254		(D)		(D)		-			
	1978..		120		196		425		965		180		60		-	
Sprays, dusts, granules, fumigants, etc., to control—	-		272		2 747		398		(D)		(D)		-			
	1978..		95		362		120		1 111		272		30		-	
	Insects on hay and other crops ----- farms, 1982..		38		15		49		67		11		14		19	
	1978..		38		21		73		123		17		-		18	
Nematodes in crops ----- farms, 1982..	6 465		172		3 088		3 993		4 665		1 211		9 485			
	1978..		7 708		297		3 950		2 633		13 175		7 191			
	acres on which used, 1982..		-		-		(D)		-		-		-			
	1978..		1 300		118		-		-		3		-			
Diseases in crops and orchards ----- farms, 1982..	13		9		7		88		2		4		-			
	1978..		6		17		20		8		21		8			
	acres on which used, 1982..		895		112		226		2 024		(D)		539		-	
	1978..		222		222		384		1 509		16 110		554		209	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	113		49		71		329		127		56		89			
	1978..		87		59		88		322		116		63			
	acres on which used, 1982..		11 967		3 408		3 864		15 375		113 330		2 430		19 475	
	1978..		11 417		1 713		4 804		17 938		103 759		4 490		15 210	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	3		3		1		31		11		1		-			
	1978..		13		2		-		15		1		-			
	acres on which used, 1982..		(D)		15		(D)		127		2 360		(D)		-	
	1978..		560		(D)		-		102		(D)		(D)		-	

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—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, 1982..	409	768	281	311	428	141	1 093		
	1978..	452	622	273	388	140	1 055		
	acres on which used, 1982..	14 804	37 078	58 064	7 560	85 774	33 179	81 874	
		1978..	16 934	38 794	63 891	9 937	95 885	35 581	95 158
Cropland fertilized, except pastureland ----- farms, 1982..	402	599	254	234	378	100	841		
	1978..	447	552	270	190	361	140	918	
	acres on which used, 1982..	14 554	33 034	56 805	5 473	82 032	26 091	71 392	
		1978..	16 312	30 880	62 075	5 543	84 577	31 426	81 416
Pastureland and rangeland fertilized ----- farms, 1982..	45	284	66	157	78	50	434		
	1978..	72	276	65	180	80	40	440	
	acres on which used, 1982..	250	4 044	1 259	2 087	3 742	7 088	10 482	
		1978..	622	7 914	1 816	4 394	11 308	4 155	13 742
Lime ----- farms, 1982..	42	6	8	25	8	-	143		
	1978..	75	39	44	21	14	195		
	acres on which used, 1982..	1 395	60	551	503	586	-	2 533	
		1978..	1 802	546	4 025	852	1 005	-	8 764
	tons, 1982..	2 119	120	987	880	587	-	4 390	
		1978..	2 861	564	8 109	873	960	-	15 152
Sprays, dusts, granules, fumigants, etc., to control— insects on hay and other crops ----- farms, 1982..	293	105	112	52	201	17	273		
	1978..	216	97	139	41	193	44	236	
	acres on which used, 1982..	12 395	9 894	17 794	749	28 564	9 974	13 959	
		1978..	9 460	8 254	20 912	785	30 127	8 927	15 094
Nematodes in crops ----- farms, 1982..	34	5	41	23	74	2	33		
	1978..	5	6	13	6	99	-	29	
	acres on which used, 1982..	1 037	50	879	346	9 143	(D)	3 207	
		1978..	150	480	1 474	105	6 856	-	920
Diseases in crops and orchards ----- farms, 1982..	274	80	9	42	42	1	212		
	1978..	317	170	19	37	50	19	249	
	acres on which used, 1982..	10 956	10 331	667	543	4 122	(D)	12 233	
		1978..	11 927	11 305	2 645	1 427	7 894	684	12 111
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	224	212	212	99	288	48	492		
	1978..	188	168	186	61	288	62	531	
	acres on which used, 1982..	9 579	8 577	39 674	1 680	57 498	10 852	50 262	
		1978..	6 162	10 836	48 558	1 708	58 767	11 905	52 142
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	195	15	32	4	17	1	51		
	1978..	211	44	45	1	17	-	52	
	acres on which used, 1982..	5 132	(D)	1 443	20	2 290	(D)	478	
		1978..	3 554	1 385	1 828	(D)	1 053	-	1 815

Chemicals used	County								
	Lincoln	Linn	Malheur	Marion	Morrow	Multnomah	Polk	Sherman	
Commercial fertilizer ----- farms, 1982..	103	1 161	794	1 856	217	288	730	151	
	1978..	73	1 068	806	1 770	192	700	122	
	acres on which used, 1982..	2 862	219 972	128 081	185 609	239 820	11 800	97 546	136 730
		1978..	2 144	230 871	113 842	173 702	193 546	11 130	111 548
Cropland fertilized, except pastureland ----- farms, 1982..	49	873	779	1 624	201	214	598	151	
	1978..	57	997	796	1 711	181	266	122	
	acres on which used, 1982..	802	207 566	125 164	179 543	237 503	10 127	92 910	136 556
		1978..	835	217 919	111 136	166 160	191 499	10 404	104 616
Pastureland and rangeland fertilized ----- farms, 1982..	69	542	102	533	29	92	283	3	
	1978..	46	421	96	451	20	44	5	
	acres on which used, 1982..	2 060	12 406	2 917	6 066	2 317	1 673	4 836	174
		1978..	1 309	12 952	2 706	7 542	2 047	6 932	290
Lime ----- farms, 1982..	19	165	3	370	-	62	57	1	
	1978..	33	217	19	434	-	96	-	
	acres on which used, 1982..	315	8 732	350	10 593	-	911	1 974	(D)
		1978..	417	13 551	1 516	12 601	-	1 800	4 353
	tons, 1982..	1 136	16 875	(D)	20 315	-	1 501	2 929	(D)
		1978..	1 083	26 693	1 275	28 399	-	2 776	8 493
Sprays, dusts, granules, fumigants, etc., to control— insects on hay and other crops ----- farms, 1982..	1	148	388	916	48	157	312	17	
	1978..	6	230	468	761	59	144	203	
	acres on which used, 1982..	(D)	16 358	55 865	63 708	54 635	8 490	18 734	12 257
		1978..	(D)	29 802	56 914	52 592	40 293	4 341	17 767
Nematodes in crops ----- farms, 1982..	-	34	124	122	9	14	28	1	
	1978..	-	20	98	117	5	27	-	
	acres on which used, 1982..	-	2 974	5 970	9 147	8 815	123	315	(D)
		1978..	-	986	6 072	3 727	5 827	1 059	2 619
Diseases in crops and orchards ----- farms, 1982..	1	177	113	695	25	52	188	17	
	1978..	11	160	135	741	26	107	233	
	acres on which used, 1982..	(D)	30 165	14 227	42 998	12 470	4 780	14 639	7 608
		1978..	19	23 634	12 862	29 848	50 633	2 752	15 727
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	92	692	591	1 399	183	217	464	142	
	1978..	108	689	542	1 110	160	224	517	
	acres on which used, 1982..	1 516	146 143	78 119	141 253	197 423	6 990	73 088	112 267
		1978..	2 749	114 527	74 236	107 971	159 523	7 712	75 097
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	4	14	129	144	27	30	25	3	
	1978..	1	36	126	177	19	18	41	
	acres on which used, 1982..	24	(D)	10 771	6 354	19 211	441	1 361	(D)
		1978..	(D)	2 715	7 293	7 659	18 590	434	1 551

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

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

Chemicals used	Tillamook	Umatilla	Union	Wallowa	Wasco	Washington	Wheeler	Yamhill
Commercial fertilizer ----- farms, 1982--	124	859	355	250	368	1 187	51	1 035
1978--	156	833	342	283	367	1 088	46	1 013
acres on which used, 1982--	7 321	405 347	78 572	61 302	91 721	83 446	14 872	86 617
1978--	7 700	355 881	77 218	64 996	98 617	80 082	8 068	95 399
Cropland fertilized, except pastureland ----- farms, 1982--	76	790	328	212	340	1 079	47	953
1978--	96	779	328	272	366	1 032	44	947
acres on which used, 1982--	3 499	395 740	74 615	55 149	88 463	79 418	14 296	81 505
1978--	3 276	342 957	73 822	60 893	94 924	77 033	(D)	88 857
Pastureland and rangeland fertilized ----- farms, 1982--	73	197	76	78	62	311	12	269
1978--	107	222	68	62	33	250	4	288
acres on which used, 1982--	3 822	9 607	3 957	6 153	3 258	4 028	576	5 112
1978--	4 424	12 924	3 396	4 103	3 693	3 049	(D)	6 542
Lime ----- farms, 1982--	5	1	-	-	-	129	2	143
1978--	57	20	5	-	32	262	2	162
acres on which used, 1982--	92	(D)	-	-	-	3 904	(D)	5 737
1978--	680	220	140	-	639	6 246	(D)	5 628
tons, 1982--	295	(D)	-	-	-	5 661	(D)	9 144
1978--	2 247	410	113	-	1 004	12 862	(D)	10 320
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982--	7	322	115	37	129	632	3	415
1978--	1	390	112	41	137	363	6	371
acres on which used, 1982--	(D)	83 751	9 227	7 421	10 946	27 535	1 955	28 461
1978--	(D)	74 271	10 546	4 833	15 168	21 384	823	18 953
Nematodes in crops ----- farms, 1982--	6	12	-	-	15	92	-	22
1978--	1	34	-	2	5	33	-	24
acres on which used, 1982--	6	3 853	-	-	921	3 655	-	1 582
1978--	(D)	3 707	-	(D)	96	865	-	686
Diseases in crops and orchards ----- farms, 1982--	14	205	47	5	116	379	4	348
1978--	1	185	60	1	137	368	2	320
acres on which used, 1982--	18	79 265	1 247	5	6 579	10 923	(D)	14 382
1978--	(D)	22 204	1 566	(D)	14 068	8 204	(D)	8 194
Weeds, grass, or brush in crops and pasture ----- farms, 1982--	203	631	302	169	244	953	28	692
1978--	157	559	334	155	200	767	28	722
acres on which used, 1982--	8 308	342 386	70 607	42 439	77 886	61 232	6 271	59 136
1978--	5 351	261 994	63 345	28 345	88 223	56 862	7 821	62 755
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982--	7	88	24	2	10	130	-	101
1978--	-	177	-	7	7	130	-	130
acres on which used, 1982--	16	8 329	703	(D)	303	5 113	-	2 632
1978--	-	17 471	-	520	568	6 420	-	3 734