

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	Washington	Adams	Asotin	Benton	Chehalis	Clallam	Clark	Columbia
Commercial fertilizer ----- farms, 1982..	18 911	576	91	576	1 139	92	641	171
1978..	18 510	606	96	627	1 124	110	507	186
acres on which used, 1982..	4 482 028	431 074	42 095	240 407	27 256	3 345	21 742	101 812
1978..	4 534 210	536 559	44 165	226 381	28 923	7 110	23 828	120 116
Cropland fertilized, except pastureland ----- farms, 1982..	17 071	564	83	483	1 121	70	502	171
1978..	17 623	602	92	529	1 114	89	471	176
acres on which used, 1982..	4 392 326	427 283	41 448	235 382	26 988	2 956	18 949	(D)
1978..	4 430 578	532 028	43 778	217 793	28 006	5 850	19 941	119 442
Pastureland and rangeland fertilized ----- farms, 1982..	3 333	51	15	150	53	25	211	9
1978..	3 412	45	16	226	69	50	169	33
acres on which used, 1982..	89 702	3 791	647	5 025	268	389	2 793	(D)
1978..	103 632	4 531	387	8 588	917	1 260	3 887	674
Lime ----- farms, 1982..	1 459	2	-	2	149	16	79	-
1978..	1 344	1	4	16	126	22	60	-
acres on which used, 1982..	41 942	(D)	-	(D)	2 542	87	756	-
1978..	51 251	(D)	10	392	2 342	234	1 946	-
tons, 1982..	53 450	(D)	-	(D)	2 513	147	1 381	-
1978..	58 903	(D)	4	449	2 590	207	3 770	-
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1982..	8 827	181	22	322	1 037	21	135	51
1978..	7 522	233	30	244	615	23	115	64
acres on which used, 1982..	1 082 099	81 287	3 568	57 770	23 937	963	3 606	17 233
1978..	1 199 903	139 994	5 612	75 803	16 325	697	4 233	32 726
Nematodes in crops ----- farms, 1982..	653	35	-	20	20	2	18	6
1978..	576	39	-	37	9	1	14	1
acres on which used, 1982..	82 156	9 817	-	2 628	408	(D)	297	330
1978..	70 286	4 723	-	1 221	252	(D)	636	(D)
Diseases in crops and orchards ----- farms, 1982..	4 758	54	19	176	695	3	135	38
1978..	5 015	61	18	178	740	22	113	7
acres on which used, 1982..	431 312	17 412	393	33 743	10 472	(D)	2 808	20 338
1978..	341 506	24 709	981	31 922	14 928	575	2 339	5 328
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	13 550	484	73	345	613	38	623	175
1978..	12 158	486	65	289	344	46	710	157
acres on which used, 1982..	3 530 230	347 883	36 402	202 161	15 355	1 580	17 113	103 369
1978..	2 983 064	332 314	31 651	135 830	10 446	1 637	28 796	91 078
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	3 799	69	2	102	652	1	83	7
1978..	3 083	58	-	74	634	11	19	1
acres on which used, 1982..	234 982	15 067	(D)	15 180	13 824	(D)	1 559	802
1978..	164 980	7 699	-	7 621	12 593	315	863	(D)

Chemicals used	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island
Commercial fertilizer ----- farms, 1982..	106	827	89	673	178	1 390	188	118
1978..	94	761	55	655	194	1 331	177	47
acres on which used, 1982..	5 944	237 843	7 376	274 964	116 037	509 378	7 334	6 097
1978..	7 950	260 659	3 114	257 257	110 426	503 640	10 982	2 783
Cropland fertilized, except pastureland ----- farms, 1982..	70	795	89	653	174	1 298	151	78
1978..	88	748	55	649	194	1 295	145	47
acres on which used, 1982..	4 492	237 031	(D)	268 104	115 216	502 964	5 685	4 841
1978..	5 846	259 977	2 778	254 243	110 066	495 892	9 727	2 398
Pastureland and rangeland fertilized ----- farms, 1982..	49	41	5	71	13	220	54	61
1978..	35	53	7	79	13	190	59	13
acres on which used, 1982..	1 452	812	(D)	6 860	821	6 414	1 649	1 256
1978..	2 104	682	336	3 014	360	7 748	1 255	385
Lime ----- farms, 1982..	20	37	-	1	-	-	42	34
1978..	22	35	6	8	5	-	27	2
acres on which used, 1982..	388	738	-	(D)	-	-	735	590
1978..	587	1 300	54	1 460	90	-	317	(D)
tons, 1982..	839	574	-	(D)	-	-	853	888
1978..	764	572	12	528	45	-	381	(D)
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1982..	20	538	-	378	31	672	84	18
1978..	11	335	7	379	34	698	38	13
acres on which used, 1982..	982	24 442	-	106 932	10 934	170 178	1 574	477
1978..	592	22 702	256	94 572	16 501	190 310	2 680	110
Nematodes in crops ----- farms, 1982..	2	22	-	85	-	135	-	-
1978..	4	9	-	79	-	80	5	-
acres on which used, 1982..	(D)	761	-	21 206	-	20 936	-	-
1978..	292	337	-	16 473	-	17 089	5	-
Diseases in crops and orchards ----- farms, 1982..	20	372	-	114	28	303	41	14
1978..	20	284	6	103	5	217	32	17
acres on which used, 1982..	338	12 945	-	35 695	11 809	40 831	186	253
1978..	704	14 356	54	31 972	1 704	41 107	194	150
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	220	468	38	530	177	1 101	157	36
1978..	196	418	35	446	163	930	103	16
acres on which used, 1982..	8 045	189 503	6 162	197 927	103 677	360 245	4 839	2 476
1978..	7 967	209 893	3 734	168 991	83 959	280 124	2 950	521
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1	385	-	117	10	283	27	-
1978..	1	240	-	67	-	168	1	-
acres on which used, 1982..	(D)	12 657	-	14 862	236	34 355	985	-
1978..	(D)	10 792	-	12 133	-	21 929	(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	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason
Commercial fertilizer ----- farms, 1982..	40	360	125	353	324	444	597	58
1978..	33	326	103	352	345	403	609	37
acres on which used, 1982..	1 057	10 683	710	47 731	86 375	26 398	450 373	2 481
1978..	1 086	7 664	498	44 667	81 017	22 950	496 094	1 179
Cropland fertilized, except pastureland ----- farms, 1982..	32	191	70	332	308	320	592	41
1978..	27	264	82	321	339	365	609	35
acres on which used, 1982..	742	7 761	162	44 883	84 451	21 637	449 359	1 888
1978..	611	6 115	373	41 642	79 071	17 773	494 709	991
Pastureland and rangeland fertilized ----- farms, 1982..	14	187	67	71	32	194	18	21
1978..	13	89	32	85	32	180	26	6
acres on which used, 1982..	315	2 922	548	2 848	1 924	4 761	1 014	593
1978..	475	1 549	125	3 025	1 946	5 177	1 385	188
Lime ----- farms, 1982..	-	107	27	1	17	74	-	11
1978..	2	47	17	11	19	36	10	3
acres on which used, 1982..	-	1 295	163	(D)	1 140	2 564	-	31
1978..	(D)	887	75	259	565	748	553	13
tons, 1982..	-	1 585	60	(D)	474	3 811	-	35
1978..	(D)	1 267	92	133	942	1 546	176	21
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	4	131	36	58	76	64	61	6
1978..	3	119	27	86	72	53	138	5
acres on which used, 1982..	(D)	1 918	184	8 926	11 005	7 408	21 698	127
1978..	11	1 428	95	5 905	12 586	3 606	60 731	6
Nematodes in crops ----- farms, 1982..	2	2	1	-	-	6	1	-
1978..	-	10	-	-	-	2	4	-
acres on which used, 1982..	(D)	(D)	(D)	-	-	334	(D)	-
1978..	-	25	-	-	-	(D)	80	-
Diseases in crops and orchards ----- farms, 1982..	2	63	18	7	58	32	32	3
1978..	2	112	29	13	52	29	33	6
acres on which used, 1982..	(D)	908	157	69	5 312	614	8 742	7
1978..	(D)	1 444	63	317	5 594	528	21 247	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	19	250	71	266	160	452	558	56
1978..	22	209	48	212	167	470	502	40
acres on which used, 1982..	320	6 058	1 228	23 002	58 921	23 908	369 467	1 141
1978..	351	5 516	234	11 658	51 031	16 370	307 195	788
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	2	27	1	25	5	9	20	1
1978..	-	10	9	43	8	1	17	1
acres on which used, 1982..	(D)	118	(D)	794	(D)	450	10 354	(D)
1978..	-	18	14	1 010	964	(D)	2 516	(D)

Chemicals used	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish
Commercial fertilizer ----- farms, 1982..	986	151	75	396	54	433	27	528
1978..	941	167	101	434	34	436	28	502
acres on which used, 1982..	39 950	4 839	4 530	9 343	2 172	57 172	645	26 431
1978..	47 556	4 884	15 896	11 281	1 078	55 404	1 161	25 398
Cropland fertilized, except pastureland ----- farms, 1982..	965	142	58	286	39	391	20	403
1978..	931	156	101	389	24	413	27	426
acres on which used, 1982..	38 466	3 635	4 117	5 999	1 673	53 214	462	22 012
1978..	45 150	3 549	13 611	8 817	582	52 049	998	19 114
Pastureland and rangeland fertilized ----- farms, 1982..	109	35	25	121	20	121	13	178
1978..	107	37	27	84	22	97	6	201
acres on which used, 1982..	1 484	1 204	413	3 344	499	3 958	183	4 419
1978..	2 406	1 335	2 285	2 464	496	3 355	163	6 284
Lime ----- farms, 1982..	36	26	-	73	5	175	4	150
1978..	17	21	12	43	-	143	9	141
acres on which used, 1982..	495	678	-	1 082	68	8 852	15	3 835
1978..	132	165	1 026	610	-	8 275	97	4 437
tons, 1982..	905	1 210	-	1 658	77	12 942	(D)	5 988
1978..	357	237	401	701	-	12 747	161	7 160
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	775	88	15	179	4	209	5	121
1978..	411	67	5	197	17	216	5	211
acres on which used, 1982..	24 563	1 182	60	3 186	8	29 257	265	7 321
1978..	16 694	600	450	3 722	156	20 639	336	6 018
Nematodes in crops ----- farms, 1982..	19	7	-	53	-	20	-	15
1978..	6	-	-	53	-	10	2	20
acres on which used, 1982..	392	182	-	778	-	1 744	-	644
1978..	150	-	-	895	-	1 691	(D)	347
Diseases in crops and orchards ----- farms, 1982..	498	82	15	79	7	89	5	35
1978..	584	92	5	130	-	39	12	145
acres on which used, 1982..	14 168	942	55	1 434	11	5 475	31	242
1978..	17 469	870	450	2 537	-	3 733	500	2 228
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	546	194	53	408	2	276	19	296
1978..	382	129	19	354	-	295	16	287
acres on which used, 1982..	24 254	7 443	790	8 373	(D)	34 526	(D)	10 081
1978..	14 617	2 385	1 280	8 201	-	34 061	773	12 025
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	595	-	-	20	-	30	5	10
1978..	513	8	-	56	-	10	5	18
acres on which used, 1982..	18 158	-	-	129	-	2 444	48	110
1978..	13 942	46	-	436	-	1 044	170	877

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

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Chemicals used	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima
Commercial fertilizer ----- farms, 1982..	1 088	390	243	33	597	840	1 086	2 828
1978..	1 106	408	185	41	578	813	1 161	2 797
acres on which used, 1982..	272 876	42 418	6 948	1 583	358 774	53 895	705 937	236 003
1978..	234 155	42 470	7 328	2 724	338 529	63 262	660 152	223 884
Cropland fertilized, except pastureland ----- farms, 1982..	1 023	365	176	18	538	709	1 044	2 706
1978..	1 091	398	146	37	549	760	1 135	2 704
acres on which used, 1982..	268 817	41 594	4 999	876	357 478	47 764	700 910	231 212
1978..	231 270	40 604	5 442	1 588	336 224	52 103	655 281	215 146
Pastureland and rangeland fertilized ----- farms, 1982..	183	48	89	20	84	273	106	276
1978..	169	53	87	21	108	385	107	381
acres on which used, 1982..	4 059	824	1 949	707	1 296	6 131	5 027	4 791
1978..	2 885	1 866	1 886	1 136	2 305	11 159	4 871	8 738
Lime ----- farms, 1982..	24	31	41	3	2	143	1	126
1978..	68	50	31	3	15	152	10	150
acres on which used, 1982..	2 896	1 192	893	40	(D)	3 378	(D)	3 349
1978..	1 541	2 860	828	49	2 744	7 127	5 795	3 223
tons, 1982..	2 864	1 352	1 379	55	(D)	4 764	(D)	4 090
1978..	735	2 098	1 652	136	1 314	9 706	3 494	4 286
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	271	35	46	2	293	164	380	2 294
1978..	306	79	15	-	302	211	462	1 676
acres on which used, 1982..	33 106	956	945	(D)	104 494	12 936	168 892	139 597
1978..	49 973	8 101	606	-	111 615	11 896	163 491	118 125
Nematodes in crops ----- farms, 1982..	3	-	1	-	34	35	13	96
1978..	9	-	8	1	14	16	25	118
acres on which used, 1982..	(D)	-	(D)	-	4 129	605	8 830	3 685
1978..	571	-	230	(D)	767	936	8 132	4 760
Diseases in crops and orchards ----- farms, 1982..	176	31	14	-	126	100	196	1 078
1978..	149	15	11	6	40	132	101	1 455
acres on which used, 1982..	17 784	184	503	-	68 038	3 157	69 802	46 183
1978..	5 958	665	285	93	5 858	4 284	42 645	53 694
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	740	217	327	51	517	303	930	1 761
1978..	763	278	291	49	458	355	977	1 431
acres on which used, 1982..	232 627	20 257	8 511	2 104	280 944	17 788	661 495	139 908
1978..	183 976	22 112	8 058	1 151	248 123	22 302	525 244	115 722
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	29	18	10	-	110	54	64	1 025
1978..	63	7	7	2	86	64	19	862
acres on which used, 1982..	770	2 314	151	-	25 560	2 513	10 506	48 105
1978..	2 229	515	38	(D)	28 556	3 108	3 548	31 850