

Appendix D

Maximum Estimated Pendimethalin Usage for Pacific Northwest States

1997 Census Data

Table D-3: Lower Columbia - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Lower Columbia - Chinook						
Habitat Residency						
Clackamas, OR		County Acres: 1,202,554				
	Alfalfa, all	1072	90%	3.00	1	2894
	Beans, dry edible, excluding dry	3	100%	1.50	1	4
	Beans, snap	334	100%	1.50	1	501
	Corn, field	735	100%	1.98	1	1455
	Corn, sweet	1072	100%	1.98	1	2123
	Floriculture crops	433	100%	3.96	1	1715
	Grapes	207	50%	3.96	1	410
	Legume seeds, all	965	90%	1.26	1	1094
	Nursery crops (in the open)	10503	100%	4.00	1	42012
	Orchards, all	4715	100%	4.00	1	18860
	Peas, all	104	100%	1.50	1	156
	Potatoes (excluding sweet	1	100%	1.50	1	2
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	20195	% County:	1.7	Total pounds:	71428
Clark, WA		County Acres: 419,976				
	Alfalfa, all	836	90%	3.00	1	2257
	Beans, snap	2	100%	1.50	1	3
	Corn, field	1730	100%	1.98	1	3425
	Corn, sweet	87	100%	1.98	1	172
	Grapes	32	50%	3.96	1	63
	Legume seeds, all	316	90%	1.26	1	358
	Nursery crops (in the open)	122	100%	4.00	1	488
	Orchards, all	458	100%	4.00	1	1832
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR		County Acres: 524,676				
	Corn, sweet	5	100%	1.98	1	10
	Floriculture crops	7	100%	3.96	1	28
	Nursery crops (in the open)	3	100%	4.00	1	12
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR		County Acres: 436,345				
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44

Table D-3: Lower Columbia - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Hood River, OR	County Acres: 341,471					
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Lewis, WA	County Acres: 1,559,171					
	Alfalfa, all	937	90%	3.00	1	2530
	Corn, field	746	100%	1.98	1	1477
	Corn, sweet	662	100%	1.98	1	1311
	Floriculture crops	22	100%	3.96	1	87
	Grapes	4	50%	3.96	1	8
	Orchards, all	154	100%	4.00	1	616
	Peas, all	1635	100%	1.50	1	2452
	Walnuts, English	4	100%	3.96	1	16
	Total Acres Planted:	4164	% County:	0.3	Total pounds:	8497
Marion, OR	County Acres: 764,860					
	Alfalfa, all	1315	90%	3.00	1	3550
	Beans, lima	115	100%	1.50	1	172

Table D-3: Lower Columbia - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>	Beans, snap	12101	100%	1.50	1	18152
	Carrots	76	100%	2.00	1	152
	Corn, field	2158	100%	1.98	1	4273
	Corn, sweet	14533	100%	1.98	1	28775
	Floriculture crops	277	100%	3.96	1	1097
	Garlic	556	100%	1.98	1	1101
	Grapes	761	50%	3.96	1	1507
	Legume seeds, all	526	90%	1.26	1	596
	Nursery crops (in the open)	7090	100%	4.00	1	28360
	Onions, dry	2036	100%	5.94	3	36282
	Orchards, all	10640	100%	4.00	1	42560
	Peas, all	686	100%	1.50	1	1029
	Sod (harvested)	1987	100%	3.00	1	5961
	Walnuts, English	155	100%	3.96	1	614
	Total Acres Planted:	55012	% County:	7.2	Total pounds:	174181
Multnomah, OR						
	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA						
	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Pierce, WA						
	County Acres: 1,081,538					
	Alfalfa, all	70	90%	3.00	1	189
	Beans, snap	200	100%	1.50	1	300
	Corn, field	358	100%	1.98	1	709
	Corn, sweet	367	100%	1.98	1	727
	Floriculture crops	560	100%	3.96	1	2218
	Garlic	2	100%	1.98	1	4
	Nursery crops (in the open)	160	100%	4.00	1	640
	Orchards, all	89	100%	4.00	1	356

Table D-3: Lower Columbia - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Potatoes (excluding sweet	7	100%	1.50	1	10
	Total Acres Planted:	1813	% County:	0.2	Total pounds:	5153
Skamania, WA	County Acres: 1,077,652					
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Wasco, OR	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265
Washington, OR	County Acres: 464,874					
	Alfalfa, all	1680	90%	3.00	1	4536
	Beans, snap	988	100%	1.50	1	1482
	Carrots	1	100%	2.00	1	2
	Corn, field	3193	100%	1.98	1	6322
	Corn, sweet	4962	100%	1.98	1	9825
	Floriculture crops	647	100%	3.96	1	2562
	Garlic	13	100%	1.98	1	26
	Grapes	989	50%	3.96	1	1958
	Legume seeds, all	10017	90%	1.26	1	11359
	Nursery crops (in the open)	4130	100%	4.00	1	16520
	Onions, dry	196	100%	5.94	3	3493
	Orchards, all	8403	100%	4.00	1	33612
	Peas, all	840	100%	1.50	1	1260
	Walnuts, English	679	100%	3.96	1	2689
	Total Acres Planted:	36738	% County:	7.9	Total pounds:	95646
<i>Total pounds affecting the Habitat residency of Lower Columbia - Chinook:</i>						<i>595,405</i>
<i>ESU</i>	<i>12,434,488</i>	<i>% ESU Potentially Treated: 1.56</i>				

Table D-4: Puget Sound - Chinook

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Puget Sound - Chinook							
<i>Habitat Residency</i>							
Clallam, WA		County Acres: 1,141,259					
		Alfalfa, all	1790	90%	3.00	1	4833
		Corn, field	79	100%	1.98	1	156
		Corn, sweet	44	100%	1.98	1	87
		Floriculture crops	9	100%	3.96	1	36
		Grapes	4	50%	3.96	1	8
		Nursery crops (in the open)	27	100%	4.00	1	108
		Orchards, all	49	100%	4.00	1	196
		Total Acres Planted:	2002	% County:	0.2	Total pounds:	5424
Grays Harbor, WA		County Acres: 1,234,726					
		Alfalfa, all	125	90%	3.00	1	337
		Corn, field	679	100%	1.98	1	1344
		Corn, sweet	1295	100%	1.98	1	2564
		Orchards, all	36	100%	4.00	1	144
		Peas, all	1143	100%	1.50	1	1714
		Total Acres Planted:	3278	% County:	0.3	Total pounds:	6103
Island, WA		County Acres: 134,556					
		Alfalfa, all	2100	90%	3.00	1	5670
		Corn, field	850	100%	1.98	1	1683
		Corn, sweet	15	100%	1.98	1	30
		Floriculture crops	63	100%	3.96	1	249
		Grapes	14	50%	3.96	1	28
		Nursery crops (in the open)	14	100%	4.00	1	56
		Orchards, all	39	100%	4.00	1	156
		Total Acres Planted:	3095	% County:	2.3	Total pounds:	7872
Jefferson, WA		County Acres: 1,161,131					
		Floriculture crops	24	100%	3.96	1	95
		Nursery crops (in the open)	17	100%	4.00	1	68
		Orchards, all	5	100%	4.00	1	20
		Total Acres Planted:	46	% County:	0.0	Total pounds:	183
King, WA		County Acres: 1,400,877					
		Alfalfa, all	358	90%	3.00	1	967
		Carrots	10	100%	2.00	1	20
		Corn, field	770	100%	1.98	1	1525
		Corn, sweet	155	100%	1.98	1	307
		Floriculture crops	89	100%	3.96	1	352
		Garlic	3	100%	1.98	1	6
		Grapes	2	50%	3.96	1	4

Table D-4: Puget Sound - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Nursery crops (in the open)	328	100%	4.00	1	1312
	Onions, dry	4	100%	5.94	3	71
	Orchards, all	115	100%	4.00	1	460
	Potatoes (excluding sweet	2	100%	1.50	1	3
	Sod (harvested)	32	100%	3.00	1	96
	Walnuts, English	3	100%	3.96	1	12
	Total Acres Planted:	1871	% County:	0.1	Total pounds:	5135
Kitsap, WA	County Acres: 254,292					
	Beans, snap	1	100%	1.50	1	2
	Carrots	1	100%	2.00	1	2
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	9	100%	3.96	1	36
	Garlic	1	100%	1.98	1	2
	Grapes	8	50%	3.96	1	16
	Nursery crops (in the open)	88	100%	4.00	1	352
	Orchards, all	43	100%	4.00	1	172
	Peas, all	1	100%	1.50	1	2
	Potatoes (excluding sweet	2	100%	1.50	1	3
	Total Acres Planted:	158	% County:	0.1	Total pounds:	595
Lewis, WA	County Acres: 1,559,171					
	Alfalfa, all	937	90%	3.00	1	2530
	Corn, field	746	100%	1.98	1	1477
	Corn, sweet	662	100%	1.98	1	1311
	Floriculture crops	22	100%	3.96	1	87
	Grapes	4	50%	3.96	1	8
	Orchards, all	154	100%	4.00	1	616
	Peas, all	1635	100%	1.50	1	2452
	Walnuts, English	4	100%	3.96	1	16
	Total Acres Planted:	4164	% County:	0.3	Total pounds:	8497
Mason, WA	County Acres: 621,592					
	Alfalfa, all	125	90%	3.00	1	337
	Beans, snap	2	100%	1.50	1	3
	Corn, sweet	109	100%	1.98	1	216
	Nursery crops (in the open)	33	100%	4.00	1	132
	Orchards, all	15	100%	4.00	1	60
	Total Acres Planted:	284	% County:	0.0	Total pounds:	748
Pierce, WA	County Acres: 1,081,538					
	Alfalfa, all	70	90%	3.00	1	189
	Beans, snap	200	100%	1.50	1	300
	Corn, field	358	100%	1.98	1	709

Table D-4: Puget Sound - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Corn, sweet	367	100%	1.98	1	727
	Floriculture crops	560	100%	3.96	1	2218
	Garlic	2	100%	1.98	1	4
	Nursery crops (in the open)	160	100%	4.00	1	640
	Orchards, all	89	100%	4.00	1	356
	Potatoes (excluding sweet	7	100%	1.50	1	10
	Total Acres Planted:	1813	% County:	0.2	Total pounds:	5153
San Juan, WA	County Acres: 106,218					
	Alfalfa, all	170	90%	3.00	1	459
	Carrots	1	100%	2.00	1	2
	Floriculture crops	8	100%	3.96	1	32
	Garlic	1	100%	1.98	1	2
	Grapes	13	50%	3.96	1	26
	Orchards, all	89	100%	4.00	1	356
	Peas, all	3	100%	1.50	1	4
	Potatoes (excluding sweet	1	100%	1.50	1	2
	Total Acres Planted:	286	% County:	0.3	Total pounds:	883
Skagit, WA	County Acres: 1,124,349					
	Alfalfa, all	782	90%	3.00	1	2111
	Beans, snap	4	100%	1.50	1	6
	Carrots	555	100%	2.00	1	1110
	Corn, field	6681	100%	1.98	1	13228
	Corn, sweet	656	100%	1.98	1	1299
	Floriculture crops	687	100%	3.96	1	2721
	Garlic	1	100%	1.98	1	2
	Nursery crops (in the open)	359	100%	4.00	1	1436
	Orchards, all	403	100%	4.00	1	1612
	Peas, all	10908	100%	1.50	1	16362
	Potatoes (excluding sweet	6948	100%	1.50	1	10422
	Total Acres Planted:	27984	% County:	2.5	Total pounds:	50309
Snohomish, WA	County Acres: 1,349,204					
	Alfalfa, all	235	90%	3.00	1	634
	Beans, snap	10	100%	1.50	1	15
	Carrots	2	100%	2.00	1	4
	Corn, field	3758	100%	1.98	1	7441
	Corn, sweet	259	100%	1.98	1	513
	Floriculture crops	97	100%	3.96	1	384
	Grapes	1	50%	3.96	1	2
	Nursery crops (in the open)	414	100%	4.00	1	1656
	Orchards, all	94	100%	4.00	1	376
	Peas, all	3361	100%	1.50	1	5042

Table D-4: Puget Sound - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	8231	% County:	0.6	Total pounds:	16067
Thurston, WA	County Acres: 470,807					
	Alfalfa, all	543	90%	3.00	1	1466
	Beans, snap	2	100%	1.50	1	3
	Corn, sweet	55	100%	1.98	1	109
	Floriculture crops	56	100%	3.96	1	222
	Garlic	2	100%	1.98	1	4
	Nursery crops (in the open)	618	100%	4.00	1	2472
	Onions, dry	1	100%	5.94	3	18
	Orchards, all	37	100%	4.00	1	148
	Peas, all	4	100%	1.50	1	6
	Total Acres Planted:	1318	% County:	0.3	Total pounds:	4448
Whatcom, WA	County Acres: 1,383,587					
	Alfalfa, all	708	90%	3.00	1	1912
	Beans, snap	1	100%	1.50	1	2
	Corn, field	15118	100%	1.98	1	29934
	Corn, sweet	236	100%	1.98	1	467
	Floriculture crops	21	100%	3.96	1	83
	Garlic	1	100%	1.98	1	2
	Grapes	10	50%	3.96	1	20
	Nursery crops (in the open)	396	100%	4.00	1	1584
	Orchards, all	419	100%	4.00	1	1676
	Potatoes (excluding sweet	1585	100%	1.50	1	2378
	Walnuts, English	1	100%	3.96	1	4
	Total Acres Planted:	18496	% County:	1.3	Total pounds:	38062
<i>Total pounds affecting the Habitat residency of Puget Sound - Chinook:</i>						<i>149,476</i>
<i>ESU</i>	<i>13,023,307</i>	<i>% ESU Potentially Treated: 0.56</i>				

Table D-6: Snake River Fall Run - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Snake River Fall Run - Chinook						
Migration Residency						
Benton, WA	County Acres: 1,126,434					
Alfalfa, all	13241	90%	3.00	1	35751	
Corn, field	357	100%	1.98	1	707	
Corn, sweet	15729	100%	1.98	1	31143	
Floriculture crops	18	100%	3.96	1	71	
Grapes	15929	50%	3.96	1	31539	
Nursery crops (in the open)	161	100%	4.00	1	644	
Onions, dry	3398	100%	5.94	3	60552	
Orchards, all	38705	100%	4.00	1	154820	
Potatoes (excluding sweet	25317	100%	1.50	1	37976	
Walnuts, English	41	100%	3.96	1	162	
Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365	
Clark, WA	County Acres: 419,976					
Alfalfa, all	836	90%	3.00	1	2257	
Beans, snap	2	100%	1.50	1	3	
Corn, field	1730	100%	1.98	1	3425	
Corn, sweet	87	100%	1.98	1	172	
Grapes	32	50%	3.96	1	63	
Legume seeds, all	316	90%	1.26	1	358	
Nursery crops (in the open)	122	100%	4.00	1	488	
Orchards, all	458	100%	4.00	1	1832	
Walnuts, English	51	100%	3.96	1	202	
Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800	
Clatsop, OR	County Acres: 524,676					
Corn, sweet	5	100%	1.98	1	10	
Floriculture crops	7	100%	3.96	1	28	
Nursery crops (in the open)	3	100%	4.00	1	12	
Total Acres Planted:	15	% County:	0.0	Total pounds:	50	
Columbia, OR	County Acres: 436,345					
Alfalfa, all	421	90%	3.00	1	1137	
Corn, field	48	100%	1.98	1	95	
Floriculture crops	17	100%	3.96	1	67	
Grapes	6	50%	3.96	1	12	
Orchards, all	108	100%	4.00	1	432	
Walnuts, English	11	100%	3.96	1	44	
Total Acres Planted:	611	% County:	0.1	Total pounds:	1787	
Cowlitz, WA	County Acres: 746,443					
Alfalfa, all	105	90%	3.00	1	283	

Table D-6: Snake River Fall Run - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Gilliam, OR						
	County Acres:	782,606				
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
Hood River, OR						
	County Acres:	341,471				
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Klickitat, WA						
	County Acres:	1,218,633				
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Morrow, OR						
	County Acres:	1,311,041				
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366
	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Multnomah, OR						
	County Acres:	298,018				
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400

Table D-6: Snake River Fall Run - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA						
	County Acres:	597,140				
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR						
	County Acres:	531,994				
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA						
	County Acres:	1,077,652				
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Umatilla, OR						
	County Acres:	2,067,898				
	Alfalfa, all	25033	90%	3.00	1	67589
	Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
	Beans, lima	1239	100%	1.50	1	1858
	Beans, snap	587	100%	1.50	1	880
	Corn, field	7903	100%	1.98	1	15648
	Corn, sweet	2077	100%	1.98	1	4112
	Floriculture crops	22	100%	3.96	1	87
	Garlic	9	100%	1.98	1	18
	Grapes	163	50%	3.96	1	323
	Lentils	615	100%	1.50	1	922
	Onions, dry	3914	100%	5.94	3	69747
	Orchards, all	4840	100%	4.00	1	19360
	Peas, all	31187	100%	1.50	1	46780
	Potatoes (excluding sweet	15003	100%	1.50	1	22504
	Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA						
	County Acres:	831,438				
	Alfalfa, all	17547	90%	3.00	1	47377

Table D-6: Snake River Fall Run - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
Wasco, OR						
	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265
Total pounds affecting the Migration residency of Snake River Fall Run - Chinook:						1,183,777
ESU	39,702,778	% ESU Potentially Treated: 1.04				
Spawning and Growth Residency						
Adams, ID						
	County Acres: 876,768					
	Alfalfa, all	9223	90%	3.00	1	24902
	Corn, field	104	100%	1.98	1	206
	Orchards, all	9	100%	4.00	1	36
	Total Acres Planted:	9336	% County:	1.1	Total pounds:	25144
Adams, WA						
	County Acres: 1,234,916					
	Alfalfa, all	23460	90%	3.00	1	63342
	Beans, dry edible, excluding dry	8148	100%	1.50	1	12222
	Beans, snap	102	100%	1.50	1	153
	Corn, field	6878	100%	1.98	1	13618
	Corn, sweet	1289	100%	1.98	1	2552
	Onions, dry	1453	100%	5.94	3	25892
	Orchards, all	3597	100%	4.00	1	14388
	Peas, all	2032	100%	1.50	1	3048
	Potatoes (excluding sweet	27914	100%	1.50	1	41871
	Total Acres Planted:	74873	% County:	6.1	Total pounds:	177086
Asotin, WA						
	County Acres: 410,008					

Table D-6: Snake River Fall Run - Chinook

		Crop		Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>								
		Alfalfa, all		1648	90%	3.00	1	4450
		Orchards, all		74	100%	4.00	1	296
		Total Acres Planted:		1722	% County:	0.4	Total pounds:	4746
Benewah, ID		County Acres: 501,722						
		Alfalfa, all		983	90%	3.00	1	2654
		Lentils		14532	100%	1.50	1	21798
		Nursery crops (in the open)		149	100%	4.00	1	596
		Orchards, all		8	100%	4.00	1	32
		Peas, all		370	100%	1.50	1	555
		Total Acres Planted:		16042	% County:	3.2	Total pounds:	25635
Clearwater, ID		County Acres: 1,592,367						
		Alfalfa, all		2640	90%	3.00	1	7128
		Beans, dry edible, excluding dry		218	100%	1.50	1	327
		Lentils		1129	100%	1.50	1	1694
		Peas, all		1369	100%	1.50	1	2054
		Total Acres Planted:		5356	% County:	0.3	Total pounds:	11203
Columbia, WA		County Acres: 559,019						
		Alfalfa, all		1780	90%	3.00	1	4806
		Corn, field		51	100%	1.98	1	101
		Lentils		350	100%	1.50	1	525
		Peas, all		6401	100%	1.50	1	9602
		Total Acres Planted:		8582	% County:	1.5	Total pounds:	15034
Franklin, WA		County Acres: 809,780						
		Alfalfa, all		71910	90%	3.00	1	194157
		Beans, dry edible, excluding dry		2470	100%	1.50	1	3705
		Beans, lima		988	100%	1.50	1	1482
		Beans, snap		236	100%	1.50	1	354
		Carrots		3574	100%	2.00	1	7148
		Corn, field		12594	100%	1.98	1	24936
		Corn, sweet		11834	100%	1.98	1	23431
		Floriculture crops		168	100%	3.96	1	665
		Grapes		2813	50%	3.96	1	5570
		Legume seeds, all		126	90%	1.26	1	143
		Onions, dry		4074	100%	5.94	3	72599
		Orchards, all		14679	100%	4.00	1	58716
		Peas, all		1096	100%	1.50	1	1644
		Potatoes (excluding sweet		35770	100%	1.50	1	53655
		Sunflower seed		698	100%	1.50	1	1047
		Total Acres Planted:		163030	% County:	20.1	Total pounds:	449252

Table D-6: Snake River Fall Run - Chinook

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Garfield, WA		County Acres: 459,595					
		Alfalfa, all	802	90%	3.00	1	2165
		Total Acres Planted:	802	% County:	0.2	Total pounds:	2165
Idaho, ID		County Acres: 5,441,871					
		Alfalfa, all	20266	90%	3.00	1	54718
		Corn, field	117	100%	1.98	1	232
		Grapes	1	50%	3.96	1	2
		Lentils	927	100%	1.50	1	1390
		Orchards, all	48	100%	4.00	1	192
		Peas, all	1517	100%	1.50	1	2276
		Total Acres Planted:	22876	% County:	0.4	Total pounds:	58810
Latah, ID		County Acres: 689,179					
		Alfalfa, all	7202	90%	3.00	1	19445
		Beans, dry edible, excluding dry	1135	100%	1.50	1	1702
		Lentils	30589	100%	1.50	1	45884
		Orchards, all	23	100%	4.00	1	92
		Peas, all	25651	100%	1.50	1	38476
		Total Acres Planted:	64600	% County:	9.4	Total pounds:	105599
Lewis, ID		County Acres: 307,061					
		Alfalfa, all	3885	90%	3.00	1	10489
		Lentils	3748	100%	1.50	1	5622
		Peas, all	8434	100%	1.50	1	12651
		Total Acres Planted:	16067	% County:	5.2	Total pounds:	28762
Lincoln, WA		County Acres: 1,497,323					
		Alfalfa, all	15972	90%	3.00	1	43124
		Corn, field	564	100%	1.98	1	1117
		Orchards, all	85	100%	4.00	1	340
		Peas, all	1148	100%	1.50	1	1722
		Potatoes (excluding sweet	771	100%	1.50	1	1156
		Total Acres Planted:	18540	% County:	1.2	Total pounds:	47459
Nez Perce, ID		County Acres: 548,051					
		Alfalfa, all	6262	90%	3.00	1	16907
		Beans, dry edible, excluding dry	4561	100%	1.50	1	6842
		Corn, sweet	15	100%	1.98	1	30
		Lentils	11900	100%	1.50	1	17850
		Orchards, all	38	100%	4.00	1	152
		Peas, all	27475	100%	1.50	1	41212

Table D-6: Snake River Fall Run - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		50251	% County:	9.2	Total pounds:	82993
Shoshone, ID	County Acres: 1,686,693					
	Alfalfa, all	167	90%	3.00	1	451
	Total Acres Planted:	167	% County:	0.0	Total pounds:	451
Spokane, WA	County Acres: 1,139,614					
	Alfalfa, all	35493	90%	3.00	1	95831
	Carrots	34	100%	2.00	1	68
	Corn, field	128	100%	1.98	1	253
	Corn, sweet	152	100%	1.98	1	301
	Grapes	3	50%	3.96	1	6
	Lentils	25373	100%	1.50	1	38060
	Nursery crops (in the open)	128	100%	4.00	1	512
	Orchards, all	367	100%	4.00	1	1468
	Peas, all	19596	100%	1.50	1	29394
	Total Acres Planted:	81274	% County:	7.1	Total pounds:	165893
	Union, OR	County Acres: 1,304,649				
Alfalfa, all		25818	90%	3.00	1	69709
Beans, dry edible, excluding dry		661	100%	1.50	1	992
Orchards, all		658	100%	4.00	1	2632
Peas, all		390	100%	1.50	1	585
Potatoes (excluding sweet		660	100%	1.50	1	990
Total Acres Planted:		28187	% County:	2.2	Total pounds:	74908
Valley, ID		County Acres: 2,389,283				
	Alfalfa, all	1599	90%	3.00	1	4317
	Potatoes (excluding sweet	225	100%	1.50	1	338
	Total Acres Planted:	1824	% County:	0.1	Total pounds:	4655
Walla Walla, WA	County Acres: 831,438					
	Alfalfa, all	17547	90%	3.00	1	47377
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884

Table D-6: Snake River Fall Run - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		74461	% County:	9.0	Total pounds:	195359
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa, all	18253	90%	3.00	1	49283
	Nursery crops (in the open)	6	100%	4.00	1	24
	Orchards, all	13	100%	4.00	1	52
Total Acres Planted:		18272	% County:	0.9	Total pounds:	49359
Whitman, WA	County Acres: 1,393,558					
	Alfalfa, all	6644	90%	3.00	1	17939
	Beans, dry edible, excluding dry	1283	100%	1.50	1	1924
	Corn, field	101	100%	1.98	1	200
	Floriculture crops	3	100%	3.96	1	12
	Lentils	57544	100%	1.50	1	86316
	Orchards, all	25	100%	4.00	1	100
	Peas, all	89945	100%	1.50	1	134918
Total Acres Planted:		155545	% County:	11.2	Total pounds:	241409
Total pounds affecting the Spawning and Growth residency of Snake River Fall Run - Chinook:						1,765,921
ESU	39,702,778	% ESU Potentially Treated:		2.04		

Table D-7: Snake River Spring/Summer Run - Chinook

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Spring/Summer Run - Chinook							
Habitat Residency							
Baker, OR		County Acres: 1,976,535					
		Alfalfa, all	32053	90%	3.00	1	86543
		Corn, field	489	100%	1.98	1	968
		Orchards, all	77	100%	4.00	1	308
		Potatoes (excluding sweet	3356	100%	1.50	1	5034
		Total Acres Planted:	35975	% County:	1.8	Total pounds:	92853
Blaine, ID		County Acres: 1,702,832					
		Alfalfa, all	17425	90%	3.00	1	47047
		Nursery crops (in the open)	28	100%	4.00	1	112
		Potatoes (excluding sweet	848	100%	1.50	1	1272
		Total Acres Planted:	18301	% County:	1.1	Total pounds:	48431
Total pounds affecting the Habitat residency of Snake River Spring/Summer Run - Chinook:						141,285	
ESU	40,292,564	% ESU Potentially Treated: 0.13					
Migration Residency							
Benton, WA		County Acres: 1,126,434					
		Alfalfa, all	13241	90%	3.00	1	35751
		Corn, field	357	100%	1.98	1	707
		Corn, sweet	15729	100%	1.98	1	31143
		Floriculture crops	18	100%	3.96	1	71
		Grapes	15929	50%	3.96	1	31539
		Nursery crops (in the open)	161	100%	4.00	1	644
		Onions, dry	3398	100%	5.94	3	60552
		Orchards, all	38705	100%	4.00	1	154820
		Potatoes (excluding sweet	25317	100%	1.50	1	37976
		Walnuts, English	41	100%	3.96	1	162
		Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365
Clark, WA		County Acres: 419,976					
		Alfalfa, all	836	90%	3.00	1	2257
		Beans, snap	2	100%	1.50	1	3
		Corn, field	1730	100%	1.98	1	3425
		Corn, sweet	87	100%	1.98	1	172
		Grapes	32	50%	3.96	1	63
		Legume seeds, all	316	90%	1.26	1	358
		Nursery crops (in the open)	122	100%	4.00	1	488
		Orchards, all	458	100%	4.00	1	1832
		Walnuts, English	51	100%	3.96	1	202

Table D-7: Snake River Spring/Summer Run - Chinook

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR	County Acres: 524,676					
	Corn, sweet	5	100%	1.98	1	10
	Floriculture crops	7	100%	3.96	1	28
	Nursery crops (in the open)	3	100%	4.00	1	12
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR	County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Gilliam, OR	County Acres: 782,606					
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
Hood River, OR	County Acres: 341,471					
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa, all	28434	90%	3.00	1	76772

Table D-7: Snake River Spring/Summer Run - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Morrow, OR	County Acres:	1,311,041				
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366
	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Multnomah, OR	County Acres:	298,018				
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres:	597,140				
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR	County Acres:	531,994				
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA	County Acres:	1,077,652				
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059

Table D-7: Snake River Spring/Summer Run - Chinook

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Umatilla, OR		County Acres: 2,067,898					
		Alfalfa, all	25033	90%	3.00	1	67589
		Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
		Beans, lima	1239	100%	1.50	1	1858
		Beans, snap	587	100%	1.50	1	880
		Corn, field	7903	100%	1.98	1	15648
		Corn, sweet	2077	100%	1.98	1	4112
		Floriculture crops	22	100%	3.96	1	87
		Garlic	9	100%	1.98	1	18
		Grapes	163	50%	3.96	1	323
		Lentils	615	100%	1.50	1	922
		Onions, dry	3914	100%	5.94	3	69747
		Orchards, all	4840	100%	4.00	1	19360
		Peas, all	31187	100%	1.50	1	46780
		Potatoes (excluding sweet	15003	100%	1.50	1	22504
		Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA		County Acres: 831,438					
		Alfalfa, all	17547	90%	3.00	1	47377
		Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
		Beans, lima	458	100%	1.50	1	687
		Beans, snap	250	100%	1.50	1	375
		Corn, field	7066	100%	1.98	1	13991
		Corn, sweet	7535	100%	1.98	1	14919
		Floriculture crops	5	100%	3.96	1	20
		Onions, dry	2172	100%	5.94	3	38705
		Orchards, all	8057	100%	4.00	1	32228
		Peas, all	16658	100%	1.50	1	24987
		Potatoes (excluding sweet	9256	100%	1.50	1	13884
		Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
Wasco, OR		County Acres: 1,532,952					
		Alfalfa, all	7239	90%	3.00	1	19545
		Corn, sweet	1	100%	1.98	1	2
		Grapes	110	50%	3.96	1	218
		Orchards, all	8375	100%	4.00	1	33500
		Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265
Total pounds affecting the Migration residency of Snake River Spring/Summer Run - Chinook:							1,183,777
ESU	40,292,564	% ESU Potentially Treated:		1.03			
Spawning and Growth Residency							

Table D-7: Snake River Spring/Summer Run - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Adams, ID	County Acres: 876,768					
	Alfalfa, all	9223	90%	3.00	1	24902
	Corn, field	104	100%	1.98	1	206
	Orchards, all	9	100%	4.00	1	36
	Total Acres Planted:	9336	% County:	1.1	Total pounds:	25144
Asotin, WA	County Acres: 410,008					
	Alfalfa, all	1648	90%	3.00	1	4450
	Orchards, all	74	100%	4.00	1	296
	Total Acres Planted:	1722	% County:	0.4	Total pounds:	4746
Columbia, WA	County Acres: 559,019					
	Alfalfa, all	1780	90%	3.00	1	4806
	Corn, field	51	100%	1.98	1	101
	Lentils	350	100%	1.50	1	525
	Peas, all	6401	100%	1.50	1	9602
	Total Acres Planted:	8582	% County:	1.5	Total pounds:	15034
Custer, ID	County Acres: 3,159,338					
	Alfalfa, all	24467	90%	3.00	1	66061
	Potatoes (excluding sweet	507	100%	1.50	1	760
	Total Acres Planted:	24974	% County:	0.8	Total pounds:	66821
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
Garfield, WA	County Acres: 459,595					
	Alfalfa, all	802	90%	3.00	1	2165

Table D-7: Snake River Spring/Summer Run - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		802	% County:	0.2	Total pounds:	2165
Idaho, ID	County Acres: 5,441,871					
Alfalfa, all	20266	90%	3.00	1	54718	
Corn, field	117	100%	1.98	1	232	
Grapes	1	50%	3.96	1	2	
Lentils	927	100%	1.50	1	1390	
Orchards, all	48	100%	4.00	1	192	
Peas, all	1517	100%	1.50	1	2276	
Total Acres Planted:		22876	% County:	0.4	Total pounds:	58810
Lemhi, ID	County Acres: 2,924,332					
Alfalfa, all	28143	90%	3.00	1	75986	
Orchards, all	20	100%	4.00	1	80	
Total Acres Planted:		28163	% County:	1.0	Total pounds:	76066
Lewis, ID	County Acres: 307,061					
Alfalfa, all	3885	90%	3.00	1	10489	
Lentils	3748	100%	1.50	1	5622	
Peas, all	8434	100%	1.50	1	12651	
Total Acres Planted:		16067	% County:	5.2	Total pounds:	28762
Nez Perce, ID	County Acres: 548,051					
Alfalfa, all	6262	90%	3.00	1	16907	
Beans, dry edible, excluding dry	4561	100%	1.50	1	6842	
Corn, sweet	15	100%	1.98	1	30	
Lentils	11900	100%	1.50	1	17850	
Orchards, all	38	100%	4.00	1	152	
Peas, all	27475	100%	1.50	1	41212	
Total Acres Planted:		50251	% County:	9.2	Total pounds:	82993
Union, OR	County Acres: 1,304,649					
Alfalfa, all	25818	90%	3.00	1	69709	
Beans, dry edible, excluding dry	661	100%	1.50	1	992	
Orchards, all	658	100%	4.00	1	2632	
Peas, all	390	100%	1.50	1	585	
Potatoes (excluding sweet	660	100%	1.50	1	990	
Total Acres Planted:		28187	% County:	2.2	Total pounds:	74908
Valley, ID	County Acres: 2,389,283					
Alfalfa, all	1599	90%	3.00	1	4317	
Potatoes (excluding sweet	225	100%	1.50	1	338	

Table D-7: Snake River Spring/Summer Run - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		1824	% County:	0.1	Total pounds:	4655
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa, all	18253	90%	3.00	1	49283
	Nursery crops (in the open)	6	100%	4.00	1	24
	Orchards, all	13	100%	4.00	1	52
Total Acres Planted:		18272	% County:	0.9	Total pounds:	49359
Whitman, WA	County Acres: 1,393,558					
	Alfalfa, all	6644	90%	3.00	1	17939
	Beans, dry edible, excluding dry	1283	100%	1.50	1	1924
	Corn, field	101	100%	1.98	1	200
	Floriculture crops	3	100%	3.96	1	12
	Lentils	57544	100%	1.50	1	86316
	Orchards, all	25	100%	4.00	1	100
	Peas, all	89945	100%	1.50	1	134918
Total Acres Planted:		155545	% County:	11.2	Total pounds:	241409
Total pounds affecting the Spawning and Growth residency of Snake River Spring/Summer Run - Chinook:						1,180,123
ESU	40,292,564	% ESU Potentially Treated:		1.31		

Table D-8: Upper Columbia - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Upper Columbia - Chinook						
Migration Residency						
Clark, WA	County Acres: 419,976					
	Alfalfa, all	836	90%	3.00	1	2257
	Beans, snap	2	100%	1.50	1	3
	Corn, field	1730	100%	1.98	1	3425
	Corn, sweet	87	100%	1.98	1	172
	Grapes	32	50%	3.96	1	63
	Legume seeds, all	316	90%	1.26	1	358
	Nursery crops (in the open)	122	100%	4.00	1	488
	Orchards, all	458	100%	4.00	1	1832
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR	County Acres: 524,676					
	Corn, sweet	5	100%	1.98	1	10
	Floriculture crops	7	100%	3.96	1	28
	Nursery crops (in the open)	3	100%	4.00	1	12
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR	County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705

Table D-8: Upper Columbia - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
<i>Gilliam, OR</i>						
	County Acres:	782,606				
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
<i>Hood River, OR</i>						
	County Acres:	341,471				
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
<i>Klickitat, WA</i>						
	County Acres:	1,218,633				
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
<i>Morrow, OR</i>						
	County Acres:	1,311,041				
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366
	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138

Table D-8: Upper Columbia - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR	County Acres: 531,994					
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA	County Acres: 1,077,652					
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Umatilla, OR	County Acres: 2,067,898					
	Alfalfa, all	25033	90%	3.00	1	67589
	Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
	Beans, lima	1239	100%	1.50	1	1858
	Beans, snap	587	100%	1.50	1	880
	Corn, field	7903	100%	1.98	1	15648
	Corn, sweet	2077	100%	1.98	1	4112
	Floriculture crops	22	100%	3.96	1	87
	Garlic	9	100%	1.98	1	18
	Grapes	163	50%	3.96	1	323
	Lentils	615	100%	1.50	1	922
	Onions, dry	3914	100%	5.94	3	69747
	Orchards, all	4840	100%	4.00	1	19360
	Peas, all	31187	100%	1.50	1	46780

Table D-8: Upper Columbia - Chinook

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Potatoes (excluding sweet	15003	100%	1.50	1	22504
	Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA	County Acres: 831,438					
	Alfalfa, all	17547	90%	3.00	1	47377
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
Wasco, OR	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265
Yakima, WA	County Acres: 2,759,373					
	Alfalfa, all	33833	90%	3.00	1	91349
	Beans, dry edible, excluding dry	2145	100%	1.50	1	3218
	Beans, lima	731	100%	1.50	1	1096
	Beans, snap	106	100%	1.50	1	159
	Corn, field	24053	100%	1.98	1	47625
	Corn, sweet	6478	100%	1.98	1	12826
	Floriculture crops	70	100%	3.96	1	277
	Grapes	15529	50%	3.96	1	30747
	Nursery crops (in the open)	408	100%	4.00	1	1632
	Orchards, all	109940	100%	4.00	1	439760
	Peas, all	1745	100%	1.50	1	2618
	Potatoes (excluding sweet	1929	100%	1.50	1	2894
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	196978	% County:	7.1	Total pounds:	634245

Table D-8: Upper Columbia - Chinook

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Total pounds affecting the Migration residency of Upper Columbia - Chinook:							1,913,907
ESU	27,361,604	% ESU Potentially Treated:		2.42			
Spawning and Growth Residency							
Benton, WA		County Acres: 1,126,434					
		Alfalfa, all	13241	90%	3.00	1	35751
		Corn, field	357	100%	1.98	1	707
		Corn, sweet	15729	100%	1.98	1	31143
		Floriculture crops	18	100%	3.96	1	71
		Grapes	15929	50%	3.96	1	31539
		Nursery crops (in the open)	161	100%	4.00	1	644
		Onions, dry	3398	100%	5.94	3	60552
		Orchards, all	38705	100%	4.00	1	154820
		Potatoes (excluding sweet	25317	100%	1.50	1	37976
		Walnuts, English	41	100%	3.96	1	162
		Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365
Chelan, WA		County Acres: 1,915,872					
		Alfalfa, all	1210	90%	3.00	1	3267
		Nursery crops (in the open)	12	100%	4.00	1	48
		Orchards, all	29249	100%	4.00	1	116996
		Total Acres Planted:	30471	% County:	1.6	Total pounds:	120311
Douglas, WA		County Acres: 1,183,088					
		Alfalfa, all	1763	90%	3.00	1	4760
		Nursery crops (in the open)	7	100%	4.00	1	28
		Orchards, all	17910	100%	4.00	1	71640
		Total Acres Planted:	19680	% County:	1.7	Total pounds:	76428
Grant, WA		County Acres: 1,786,322					
		Alfalfa, all	120251	90%	3.00	1	324678
		Beans, dry edible, excluding dry	17353	100%	1.50	1	26030
		Beans, lima	3878	100%	1.50	1	5817
		Beans, snap	671	100%	1.50	1	1006
		Carrots	2207	100%	2.00	1	4414
		Corn, field	35123	100%	1.98	1	69544
		Corn, pop	2022	100%	1.98	1	4004
		Corn, sweet	32540	100%	1.98	1	64429
		Corn, sweet, for seed	531	100%	1.98	1	1051
		Floriculture crops	3	100%	3.96	1	12
		Grapes	3132	50%	3.96	1	6201
		Nursery crops (in the open)	1562	100%	4.00	1	6248

Table D-8: Upper Columbia - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Onions, dry	6214	100%	5.94	3	110733	
Orchards, all	41934	100%	4.00	1	167736	
Peas, all	19602	100%	1.50	1	29403	
Potatoes (excluding sweet	44263	100%	1.50	1	66394	
Walnuts, English	5	100%	3.96	1	20	
Total Acres Planted:	331291	% County:	18.5	Total pounds:	887720	
Kittitas, WA County Acres: 1,493,167						
Alfalfa, all	8571	90%	3.00	1	23142	
Corn, field	110	100%	1.98	1	218	
Corn, sweet	4432	100%	1.98	1	8775	
Orchards, all	2236	100%	4.00	1	8944	
Potatoes (excluding sweet	442	100%	1.50	1	663	
Total Acres Planted:	15791	% County:	1.1	Total pounds:	41742	
Okanogan, WA County Acres: 3,401,101						
Alfalfa, all	21880	90%	3.00	1	59076	
Carrots	1	100%	2.00	1	2	
Corn, sweet	7	100%	1.98	1	14	
Floriculture crops	20	100%	3.96	1	79	
Garlic	5	100%	1.98	1	10	
Nursery crops (in the open)	25	100%	4.00	1	100	
Orchards, all	28623	100%	4.00	1	114492	
Walnuts, English	29	100%	3.96	1	115	
Total Acres Planted:	50590	% County:	1.5	Total pounds:	173888	
Total pounds affecting the Spawning and Growth residency of Upper Columbia - Chinook:					1,653,455	
ESU	27,361,604	% ESU Potentially Treated:		2.04		

Table D-9: Upper Willamette - Chinook

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Upper Willamette - Chinook							
Habitat Residency							
Lincoln, OR		County Acres: 629,153					
		Beans, snap	1	100%	1.50	1	2
		Floriculture crops	10	100%	3.96	1	40
		Grapes	1	50%	3.96	1	2
		Orchards, all	26	100%	4.00	1	104
		Total Acres Planted:	38	% County:	0.0	Total pounds:	148
Tillamook, OR		County Acres: 719,128					
		Floriculture crops	12	100%	3.96	1	48
		Nursery crops (in the open)	11	100%	4.00	1	44
		Total Acres Planted:	23	% County:	0.0	Total pounds:	92
Total pounds affecting the Habitat residency of Upper Willamette - Chinook:							239
ESU	16,017,795	% ESU Potentially Treated: 0.0					
Migration Residency							
Clark, WA		County Acres: 419,976					
		Alfalfa, all	836	90%	3.00	1	2257
		Beans, snap	2	100%	1.50	1	3
		Corn, field	1730	100%	1.98	1	3425
		Corn, sweet	87	100%	1.98	1	172
		Grapes	32	50%	3.96	1	63
		Legume seeds, all	316	90%	1.26	1	358
		Nursery crops (in the open)	122	100%	4.00	1	488
		Orchards, all	458	100%	4.00	1	1832
		Walnuts, English	51	100%	3.96	1	202
		Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR		County Acres: 524,676					
		Corn, sweet	5	100%	1.98	1	10
		Floriculture crops	7	100%	3.96	1	28
		Nursery crops (in the open)	3	100%	4.00	1	12
		Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR		County Acres: 436,345					
		Alfalfa, all	421	90%	3.00	1	1137
		Corn, field	48	100%	1.98	1	95
		Floriculture crops	17	100%	3.96	1	67
		Grapes	6	50%	3.96	1	12
		Orchards, all	108	100%	4.00	1	432

Table D-9: Upper Willamette - Chinook

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Cowlitz, WA	Walnuts, English	11	100%	3.96	1	44	
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787	
	County Acres: 746,443						
	Alfalfa, all	105	90%	3.00	1	283	
	Beans, snap	1	100%	1.50	1	2	
	Corn, field	460	100%	1.98	1	911	
	Corn, sweet	1144	100%	1.98	1	2265	
	Floriculture crops	16	100%	3.96	1	63	
	Nursery crops (in the open)	54	100%	4.00	1	216	
	Orchards, all	43	100%	4.00	1	172	
Multnomah, OR	Peas, all	771	100%	1.50	1	1156	
	Walnuts, English	5	100%	3.96	1	20	
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088	
	County Acres: 298,018						
	Alfalfa, all	389	90%	3.00	1	1050	
	Beans, snap	77	100%	1.50	1	116	
	Corn, field	193	100%	1.98	1	382	
	Corn, sweet	1212	100%	1.98	1	2400	
	Floriculture crops	39	100%	3.96	1	154	
	Grapes	28	50%	3.96	1	55	
Pacific, WA	Nursery crops (in the open)	2609	100%	4.00	1	10436	
	Orchards, all	169	100%	4.00	1	676	
	Peas, all	616	100%	1.50	1	924	
	Potatoes (excluding sweet	336	100%	1.50	1	504	
	Walnuts, English	2	100%	3.96	1	8	
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705	
	County Acres: 597,140						
	Alfalfa, all	110	90%	3.00	1	297	
	Orchards, all	27	100%	4.00	1	108	
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405	
Total pounds affecting the Migration residency of Upper Willamette - Chinook:						32,837	
ESU	16,017,795	% ESU Potentially Treated: 0.0					
Spawning and Growth Residency							
Benton, OR	County Acres: 434,536						
	Alfalfa, all	570	90%	3.00	1	1539	
	Beans, snap	3080	100%	1.50	1	4620	
	Corn, field	525	100%	1.98	1	1040	

Table D-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Corn, sweet	5735	100%	1.98	1	11355	
Floriculture crops	40	100%	3.96	1	158	
Garlic	3	100%	1.98	1	6	
Grapes	242	50%	3.96	1	479	
Nursery crops (in the open)	149	100%	4.00	1	596	
Onions, dry	3	100%	5.94	3	53	
Orchards, all	891	100%	4.00	1	3564	
Peas, all	1	100%	1.50	1	2	
Potatoes (excluding sweet	3	100%	1.50	1	4	
Walnuts, English	23	100%	3.96	1	91	
Total Acres Planted:	11265	% County:	2.6	Total pounds:	23507	
Clackamas, OR County Acres: 1,202,554						
Alfalfa, all	1072	90%	3.00	1	2894	
Beans, dry edible, excluding dry	3	100%	1.50	1	4	
Beans, snap	334	100%	1.50	1	501	
Corn, field	735	100%	1.98	1	1455	
Corn, sweet	1072	100%	1.98	1	2123	
Floriculture crops	433	100%	3.96	1	1715	
Grapes	207	50%	3.96	1	410	
Legume seeds, all	965	90%	1.26	1	1094	
Nursery crops (in the open)	10503	100%	4.00	1	42012	
Orchards, all	4715	100%	4.00	1	18860	
Peas, all	104	100%	1.50	1	156	
Potatoes (excluding sweet	1	100%	1.50	1	2	
Walnuts, English	51	100%	3.96	1	202	
Total Acres Planted:	20195	% County:	1.7	Total pounds:	71428	
Douglas, OR County Acres: 3,244,601						
Alfalfa, all	1984	90%	3.00	1	5357	
Beans, snap	19	100%	1.50	1	28	
Corn, sweet	175	100%	1.98	1	347	
Floriculture crops	6	100%	3.96	1	24	
Garlic	18	100%	1.98	1	36	
Grapes	581	50%	3.96	1	1150	
Nursery crops (in the open)	121	100%	4.00	1	484	
Orchards, all	1494	100%	4.00	1	5976	
Walnuts, English	171	100%	3.96	1	677	
Total Acres Planted:	4569	% County:	0.1	Total pounds:	14079	
Lane, OR County Acres: 2,953,478						
Alfalfa, all	876	90%	3.00	1	2365	
Beans, snap	1796	100%	1.50	1	2694	
Carrots	270	100%	2.00	1	540	

Table D-9: Upper Willamette - Chinook

Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>					
Corn, field	500	100%	1.98	1	990
Corn, sweet	2593	100%	1.98	1	5134
Floriculture crops	92	100%	3.96	1	364
Garlic	3	100%	1.98	1	6
Grapes	631	50%	3.96	1	1249
Nursery crops (in the open)	325	100%	4.00	1	1300
Onions, dry	3	100%	5.94	3	53
Orchards, all	4996	100%	4.00	1	19984
Potatoes (excluding sweet)	9	100%	1.50	1	14
Walnuts, English	105	100%	3.96	1	416
Total Acres Planted:	12199	% County:	0.4	Total pounds:	35109
Linn, OR					
	County Acres: 1,477,826				
Alfalfa, all	2507	90%	3.00	1	6769
Beans, snap	2688	100%	1.50	1	4032
Corn, field	1976	100%	1.98	1	3912
Corn, sweet	5771	100%	1.98	1	11427
Floriculture crops	59	100%	3.96	1	234
Grapes	93	50%	3.96	1	184
Legume seeds, all	1522	90%	1.26	1	1726
Nursery crops (in the open)	155	100%	4.00	1	620
Onions, dry	1	100%	5.94	3	18
Orchards, all	2408	100%	4.00	1	9632
Walnuts, English	55	100%	3.96	1	218
Total Acres Planted:	17235	% County:	1.2	Total pounds:	38772
Marion, OR					
	County Acres: 764,860				
Alfalfa, all	1315	90%	3.00	1	3550
Beans, lima	115	100%	1.50	1	172
Beans, snap	12101	100%	1.50	1	18152
Carrots	76	100%	2.00	1	152
Corn, field	2158	100%	1.98	1	4273
Corn, sweet	14533	100%	1.98	1	28775
Floriculture crops	277	100%	3.96	1	1097
Garlic	556	100%	1.98	1	1101
Grapes	761	50%	3.96	1	1507
Legume seeds, all	526	90%	1.26	1	596
Nursery crops (in the open)	7090	100%	4.00	1	28360
Onions, dry	2036	100%	5.94	3	36282
Orchards, all	10640	100%	4.00	1	42560
Peas, all	686	100%	1.50	1	1029
Sod (harvested)	1987	100%	3.00	1	5961
Walnuts, English	155	100%	3.96	1	614

Table D-9: Upper Willamette - Chinook

Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency					
	Total Acres Planted:	55012	% County:	7.2	Total pounds: 174181
Polk, OR	County Acres: 476,251				
Alfalfa, all	774	90%	3.00	1	2090
Beans, snap	598	100%	1.50	1	897
Corn, field	1472	100%	1.98	1	2915
Corn, sweet	1835	100%	1.98	1	3633
Floriculture crops	16	100%	3.96	1	63
Garlic	7	100%	1.98	1	14
Grapes	1123	50%	3.96	1	2224
Legume seeds, all	1219	90%	1.26	1	1382
Orchards, all	6342	100%	4.00	1	25368
Walnuts, English	33	100%	3.96	1	131
	Total Acres Planted:	13419	% County:	2.8	Total pounds: 38717
Washington, OR	County Acres: 464,874				
Alfalfa, all	1680	90%	3.00	1	4536
Beans, snap	988	100%	1.50	1	1482
Carrots	1	100%	2.00	1	2
Corn, field	3193	100%	1.98	1	6322
Corn, sweet	4962	100%	1.98	1	9825
Floriculture crops	647	100%	3.96	1	2562
Garlic	13	100%	1.98	1	26
Grapes	989	50%	3.96	1	1958
Legume seeds, all	10017	90%	1.26	1	11359
Nursery crops (in the open)	4130	100%	4.00	1	16520
Onions, dry	196	100%	5.94	3	3493
Orchards, all	8403	100%	4.00	1	33612
Peas, all	840	100%	1.50	1	1260
Walnuts, English	679	100%	3.96	1	2689
	Total Acres Planted:	36738	% County:	7.9	Total pounds: 95646
Yamhill, OR	County Acres: 459,752				
Alfalfa, all	2294	90%	3.00	1	6194
Beans, snap	1838	100%	1.50	1	2757
Corn, field	2173	100%	1.98	1	4303
Corn, sweet	4149	100%	1.98	1	8215
Grapes	2887	50%	3.96	1	5716
Legume seeds, all	7236	90%	1.26	1	8206
Nursery crops (in the open)	3444	100%	4.00	1	13776
Orchards, all	13201	100%	4.00	1	52804
Potatoes (excluding sweet	1	100%	1.50	1	2
Walnuts, English	608	100%	3.96	1	2408

Table D-9: Upper Willamette - Chinook

Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency					
Total Acres Planted:	37831	% County:	8.2	Total pounds:	104381
Total pounds affecting the Spawning and Growth residency of Upper Willamette - Chinook:					595,818
ESU	16,017,795	% ESU Potentially Treated:	1.30		

Table D-10: Columbia River - Chum

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Columbia River - Chum							
Habitat Residency							
Clark, WA		County Acres: 419,976					
	Alfalfa, all	836	90%	3.00	1	2257	
	Beans, snap	2	100%	1.50	1	3	
	Corn, field	1730	100%	1.98	1	3425	
	Corn, sweet	87	100%	1.98	1	172	
	Grapes	32	50%	3.96	1	63	
	Legume seeds, all	316	90%	1.26	1	358	
	Nursery crops (in the open)	122	100%	4.00	1	488	
	Orchards, all	458	100%	4.00	1	1832	
	Walnuts, English	51	100%	3.96	1	202	
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800	
Clatsop, OR		County Acres: 524,676					
	Corn, sweet	5	100%	1.98	1	10	
	Floriculture crops	7	100%	3.96	1	28	
	Nursery crops (in the open)	3	100%	4.00	1	12	
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50	
Columbia, OR		County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137	
	Corn, field	48	100%	1.98	1	95	
	Floriculture crops	17	100%	3.96	1	67	
	Grapes	6	50%	3.96	1	12	
	Orchards, all	108	100%	4.00	1	432	
	Walnuts, English	11	100%	3.96	1	44	
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787	
Cowlitz, WA		County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283	
	Beans, snap	1	100%	1.50	1	2	
	Corn, field	460	100%	1.98	1	911	
	Corn, sweet	1144	100%	1.98	1	2265	
	Floriculture crops	16	100%	3.96	1	63	
	Nursery crops (in the open)	54	100%	4.00	1	216	
	Orchards, all	43	100%	4.00	1	172	
	Peas, all	771	100%	1.50	1	1156	
	Walnuts, English	5	100%	3.96	1	20	
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088	
Lewis, WA		County Acres: 1,559,171					
	Alfalfa, all	937	90%	3.00	1	2530	
	Corn, field	746	100%	1.98	1	1477	

Table D-10: Columbia River - Chum

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Corn, sweet	662	100%	1.98	1	1311
	Floriculture crops	22	100%	3.96	1	87
	Grapes	4	50%	3.96	1	8
	Orchards, all	154	100%	4.00	1	616
	Peas, all	1635	100%	1.50	1	2452
	Walnuts, English	4	100%	3.96	1	16
	Total Acres Planted:	4164	% County:	0.3	Total pounds:	8497
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Skamania, WA	County Acres: 1,077,652					
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Washington, OR	County Acres: 464,874					
	Alfalfa, all	1680	90%	3.00	1	4536
	Beans, snap	988	100%	1.50	1	1482
	Carrots	1	100%	2.00	1	2
	Corn, field	3193	100%	1.98	1	6322
	Corn, sweet	4962	100%	1.98	1	9825
	Floriculture crops	647	100%	3.96	1	2562
	Garlic	13	100%	1.98	1	26
	Grapes	989	50%	3.96	1	1958
	Legume seeds, all	10017	90%	1.26	1	11359
	Nursery crops (in the open)	4130	100%	4.00	1	16520
	Onions, dry	196	100%	5.94	3	3493

Table D-10: Columbia River - Chum

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Orchards, all	8403	100%	4.00	1	33612
	Peas, all	840	100%	1.50	1	1260
	Walnuts, English	679	100%	3.96	1	2689
	Total Acres Planted:	36738	% County:	7.9	Total pounds:	95646

Total pounds affecting the Habitat residency of Columbia River - Chum: 140,038

ESU 6,292,479 % *ESU Potentially Treated:* 0.86

Table D-11: Hood Canal Summer Run - Chum

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Hood Canal Summer Run - Chum						
Habitat Residency						
Clallam, WA	County Acres: 1,141,259					
Alfalfa, all	1790	90%	3.00	1	4833	
Corn, field	79	100%	1.98	1	156	
Corn, sweet	44	100%	1.98	1	87	
Floriculture crops	9	100%	3.96	1	36	
Grapes	4	50%	3.96	1	8	
Nursery crops (in the open)	27	100%	4.00	1	108	
Orchards, all	49	100%	4.00	1	196	
Total Acres Planted:	2002	% County:	0.2	Total pounds:	5424	
Island, WA	County Acres: 134,556					
Alfalfa, all	2100	90%	3.00	1	5670	
Corn, field	850	100%	1.98	1	1683	
Corn, sweet	15	100%	1.98	1	30	
Floriculture crops	63	100%	3.96	1	249	
Grapes	14	50%	3.96	1	28	
Nursery crops (in the open)	14	100%	4.00	1	56	
Orchards, all	39	100%	4.00	1	156	
Total Acres Planted:	3095	% County:	2.3	Total pounds:	7872	
Jefferson, WA	County Acres: 1,161,131					
Floriculture crops	24	100%	3.96	1	95	
Nursery crops (in the open)	17	100%	4.00	1	68	
Orchards, all	5	100%	4.00	1	20	
Total Acres Planted:	46	% County:	0.0	Total pounds:	183	
Kitsap, WA	County Acres: 254,292					
Beans, snap	1	100%	1.50	1	2	
Carrots	1	100%	2.00	1	2	
Corn, sweet	4	100%	1.98	1	8	
Floriculture crops	9	100%	3.96	1	36	
Garlic	1	100%	1.98	1	2	
Grapes	8	50%	3.96	1	16	
Nursery crops (in the open)	88	100%	4.00	1	352	
Orchards, all	43	100%	4.00	1	172	
Peas, all	1	100%	1.50	1	2	
Potatoes (excluding sweet	2	100%	1.50	1	3	
Total Acres Planted:	158	% County:	0.1	Total pounds:	595	
Mason, WA	County Acres: 621,592					
Alfalfa, all	125	90%	3.00	1	337	
Beans, snap	2	100%	1.50	1	3	

Table D-11: Hood Canal Summer Run - Chum

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Corn, sweet	109	100%	1.98	1	216
	Nursery crops (in the open)	33	100%	4.00	1	132
	Orchards, all	15	100%	4.00	1	60
	Total Acres Planted:	284	% County:	0.0	Total pounds:	748

Total pounds affecting the Habitat residency of Hood Canal Summer Run - Chum: 14,821

ESU 3,312,830 % *ESU Potentially Treated:* 0.16

Table D-13: Oregon Coast - Coho

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Oregon Coast - Coho							
Habitat Residency							
Benton, OR		County Acres: 434,536					
	Alfalfa, all	570	90%	3.00	1	1539	
	Beans, snap	3080	100%	1.50	1	4620	
	Corn, field	525	100%	1.98	1	1040	
	Corn, sweet	5735	100%	1.98	1	11355	
	Floriculture crops	40	100%	3.96	1	158	
	Garlic	3	100%	1.98	1	6	
	Grapes	242	50%	3.96	1	479	
	Nursery crops (in the open)	149	100%	4.00	1	596	
	Onions, dry	3	100%	5.94	3	53	
	Orchards, all	891	100%	4.00	1	3564	
	Peas, all	1	100%	1.50	1	2	
	Potatoes (excluding sweet	3	100%	1.50	1	4	
	Walnuts, English	23	100%	3.96	1	91	
	Total Acres Planted:	11265	% County:	2.6	Total pounds:	23507	
Clatsop, OR							
	County Acres: 524,676						
	Corn, sweet	5	100%	1.98	1	10	
	Floriculture crops	7	100%	3.96	1	28	
	Nursery crops (in the open)	3	100%	4.00	1	12	
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50	
Columbia, OR							
	County Acres: 436,345						
	Alfalfa, all	421	90%	3.00	1	1137	
	Corn, field	48	100%	1.98	1	95	
	Floriculture crops	17	100%	3.96	1	67	
	Grapes	6	50%	3.96	1	12	
	Orchards, all	108	100%	4.00	1	432	
	Walnuts, English	11	100%	3.96	1	44	
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787	
Coos, OR							
	County Acres: 1,040,931						
	Corn, field	203	100%	1.98	1	402	
	Floriculture crops	12	100%	3.96	1	48	
	Grapes	12	50%	3.96	1	24	
	Nursery crops (in the open)	21	100%	4.00	1	84	
	Orchards, all	70	100%	4.00	1	280	
	Walnuts, English	1	100%	3.96	1	4	
	Total Acres Planted:	319	% County:	0.0	Total pounds:	842	
Curry, OR							
	County Acres: 1,045,786						
	Floriculture crops	52	100%	3.96	1	206	

Table D-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Orchards, all	56	100%	4.00	1	224
	Total Acres Planted:	108	% County:	0.0	Total pounds:	430
Douglas, OR	County Acres: 3,244,601					
	Alfalfa, all	1984	90%	3.00	1	5357
	Beans, snap	19	100%	1.50	1	28
	Corn, sweet	175	100%	1.98	1	347
	Floriculture crops	6	100%	3.96	1	24
	Garlic	18	100%	1.98	1	36
	Grapes	581	50%	3.96	1	1150
	Nursery crops (in the open)	121	100%	4.00	1	484
	Orchards, all	1494	100%	4.00	1	5976
	Walnuts, English	171	100%	3.96	1	677
	Total Acres Planted:	4569	% County:	0.1	Total pounds:	14079
Josephine, OR	County Acres: 1,050,607					
	Alfalfa, all	1143	90%	3.00	1	3086
	Beans, snap	1	100%	1.50	1	2
	Carrots	4	100%	2.00	1	8
	Corn, sweet	37	100%	1.98	1	73
	Garlic	5	100%	1.98	1	10
	Grapes	355	50%	3.96	1	703
	Nursery crops (in the open)	21	100%	4.00	1	84
	Onions, dry	1	100%	5.94	3	18
	Orchards, all	1217	100%	4.00	1	4868
	Peas, all	3	100%	1.50	1	4
	Potatoes (excluding sweet	7	100%	1.50	1	10
	Walnuts, English	18	100%	3.96	1	71
	Total Acres Planted:	2812	% County:	0.3	Total pounds:	8937
Lane, OR	County Acres: 2,953,478					
	Alfalfa, all	876	90%	3.00	1	2365
	Beans, snap	1796	100%	1.50	1	2694
	Carrots	270	100%	2.00	1	540
	Corn, field	500	100%	1.98	1	990
	Corn, sweet	2593	100%	1.98	1	5134
	Floriculture crops	92	100%	3.96	1	364
	Garlic	3	100%	1.98	1	6
	Grapes	631	50%	3.96	1	1249
	Nursery crops (in the open)	325	100%	4.00	1	1300
	Onions, dry	3	100%	5.94	3	53
	Orchards, all	4996	100%	4.00	1	19984
	Potatoes (excluding sweet	9	100%	1.50	1	14
	Walnuts, English	105	100%	3.96	1	416

Table D-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	12199	% County:	0.4	Total pounds:	35109
Lincoln, OR	County Acres: 629,153					
	Beans, snap	1	100%	1.50	1	2
	Floriculture crops	10	100%	3.96	1	40
	Grapes	1	50%	3.96	1	2
	Orchards, all	26	100%	4.00	1	104
	Total Acres Planted:	38	% County:	0.0	Total pounds:	148
Polk, OR	County Acres: 476,251					
	Alfalfa, all	774	90%	3.00	1	2090
	Beans, snap	598	100%	1.50	1	897
	Corn, field	1472	100%	1.98	1	2915
	Corn, sweet	1835	100%	1.98	1	3633
	Floriculture crops	16	100%	3.96	1	63
	Garlic	7	100%	1.98	1	14
	Grapes	1123	50%	3.96	1	2224
	Legume seeds, all	1219	90%	1.26	1	1382
	Orchards, all	6342	100%	4.00	1	25368
	Walnuts, English	33	100%	3.96	1	131
	Total Acres Planted:	13419	% County:	2.8	Total pounds:	38717
Tillamook, OR	County Acres: 719,128					
	Floriculture crops	12	100%	3.96	1	48
	Nursery crops (in the open)	11	100%	4.00	1	44
	Total Acres Planted:	23	% County:	0.0	Total pounds:	92
Washington, OR	County Acres: 464,874					
	Alfalfa, all	1680	90%	3.00	1	4536
	Beans, snap	988	100%	1.50	1	1482
	Carrots	1	100%	2.00	1	2
	Corn, field	3193	100%	1.98	1	6322
	Corn, sweet	4962	100%	1.98	1	9825
	Floriculture crops	647	100%	3.96	1	2562
	Garlic	13	100%	1.98	1	26
	Grapes	989	50%	3.96	1	1958
	Legume seeds, all	10017	90%	1.26	1	11359
	Nursery crops (in the open)	4130	100%	4.00	1	16520
	Onions, dry	196	100%	5.94	3	3493
	Orchards, all	8403	100%	4.00	1	33612
	Peas, all	840	100%	1.50	1	1260
	Walnuts, English	679	100%	3.96	1	2689
	Total Acres Planted:	36738	% County:	7.9	Total pounds:	95646

Table D-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Yamhill, OR	County Acres: 459,752					
	Alfalfa, all	2294	90%	3.00	1	6194
	Beans, snap	1838	100%	1.50	1	2757
	Corn, field	2173	100%	1.98	1	4303
	Corn, sweet	4149	100%	1.98	1	8215
	Grapes	2887	50%	3.96	1	5716
	Legume seeds, all	7236	90%	1.26	1	8206
	Nursery crops (in the open)	3444	100%	4.00	1	13776
	Orchards, all	13201	100%	4.00	1	52804
	Potatoes (excluding sweet	1	100%	1.50	1	2
	Walnuts, English	608	100%	3.96	1	2408
	Total Acres Planted:	37831	% County:	8.2	Total pounds:	104381

Total pounds affecting the Habitat residency of Oregon Coast - Coho: 323,722

ESU 13,480,118 % ESU Potentially Treated: 0.88

Table D-14: Southern OR/Northern CA coast - Coho

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Southern OR/Northern CA coast - Coho						
Habitat Residency						
Curry, OR	County Acres: 1,045,786					
Floriculture crops	52	100%	3.96	1	206	
Orchards, all	56	100%	4.00	1	224	
Total Acres Planted:	108	% County:	0.0	Total pounds:	430	
Douglas, OR	County Acres: 3,244,601					
Alfalfa, all	1984	90%	3.00	1	5357	
Beans, snap	19	100%	1.50	1	28	
Corn, sweet	175	100%	1.98	1	347	
Floriculture crops	6	100%	3.96	1	24	
Garlic	18	100%	1.98	1	36	
Grapes	581	50%	3.96	1	1150	
Nursery crops (in the open)	121	100%	4.00	1	484	
Orchards, all	1494	100%	4.00	1	5976	
Walnuts, English	171	100%	3.96	1	677	
Total Acres Planted:	4569	% County:	0.1	Total pounds:	14079	
Jackson, OR	County Acres: 1,793,090					
Alfalfa, all	3954	90%	3.00	1	10676	
Carrots	1	100%	2.00	1	2	
Corn, field	247	100%	1.98	1	489	
Corn, sweet	283	100%	1.98	1	560	
Floriculture crops	24	100%	3.96	1	95	
Garlic	2	100%	1.98	1	4	
Grapes	400	50%	3.96	1	792	
Nursery crops (in the open)	39	100%	4.00	1	156	
Onions, dry	40	100%	5.94	3	713	
Orchards, all	10444	100%	4.00	1	41776	
Walnuts, English	27	100%	3.96	1	107	
Total Acres Planted:	15461	% County:	0.9	Total pounds:	55370	
Josephine, OR	County Acres: 1,050,607					
Alfalfa, all	1143	90%	3.00	1	3086	
Beans, snap	1	100%	1.50	1	2	
Carrots	4	100%	2.00	1	8	
Corn, sweet	37	100%	1.98	1	73	
Garlic	5	100%	1.98	1	10	
Grapes	355	50%	3.96	1	703	
Nursery crops (in the open)	21	100%	4.00	1	84	
Onions, dry	1	100%	5.94	3	18	
Orchards, all	1217	100%	4.00	1	4868	
Peas, all	3	100%	1.50	1	4	

Table D-14: Southern OR/Northern CA coast - Coho

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>	Potatoes (excluding sweet	7	100%	1.50	1	10
	Walnuts, English	18	100%	3.96	1	71
	Total Acres Planted:	2812	% County:	0.3	Total pounds:	8937
Klamath, OR	County Acres: 3,926,778					
	Alfalfa, all	61176	90%	3.00	1	165175
	Onions, dry	278	100%	5.94	3	4954
	Orchards, all	10	100%	4.00	1	40
	Potatoes (excluding sweet	8951	100%	1.50	1	13426
	Total Acres Planted:	70415	% County:	1.8	Total pounds:	183595
<i>Total pounds affecting the Habitat residency of Southern OR/Northern CA coast - Coho:</i>						262,412
<i>ESU</i>	19,153,948	<i>% ESU Potentially Treated:</i> 0.48				

Table D-15: Ozette Lake - Sockeye

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Ozette Lake - Sockeye							
<i>Habitat Residency</i>							
Clallam, WA							
			County Acres: 1,141,259				
Alfalfa, all			1790	90%	3.00	1	4833
Corn, field			79	100%	1.98	1	156
Corn, sweet			44	100%	1.98	1	87
Floriculture crops			9	100%	3.96	1	36
Grapes			4	50%	3.96	1	8
Nursery crops (in the open)			27	100%	4.00	1	108
Orchards, all			49	100%	4.00	1	196
Total Acres Planted:			2002	% County:	0.2	Total pounds:	5424

Total pounds affecting the Habitat residency of Ozette Lake - Sockeye: 5,424

ESU 1,141,259 % ESU Potentially Treated: 0.17

Table D-16: Snake River - Sockeye

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River - Sockeye							
Migration Residency							
Asotin, WA		County Acres: 410,008					
	Alfalfa, all	1648	90%	3.00	1	4450	
	Orchards, all	74	100%	4.00	1	296	
	Total Acres Planted:	1722	% County:	0.4	Total pounds:	4746	
Benton, WA		County Acres: 1,126,434					
	Alfalfa, all	13241	90%	3.00	1	35751	
	Corn, field	357	100%	1.98	1	707	
	Corn, sweet	15729	100%	1.98	1	31143	
	Floriculture crops	18	100%	3.96	1	71	
	Grapes	15929	50%	3.96	1	31539	
	Nursery crops (in the open)	161	100%	4.00	1	644	
	Onions, dry	3398	100%	5.94	3	60552	
	Orchards, all	38705	100%	4.00	1	154820	
	Potatoes (excluding sweet	25317	100%	1.50	1	37976	
	Walnuts, English	41	100%	3.96	1	162	
	Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365	
Clark, WA		County Acres: 419,976					
	Alfalfa, all	836	90%	3.00	1	2257	
	Beans, snap	2	100%	1.50	1	3	
	Corn, field	1730	100%	1.98	1	3425	
	Corn, sweet	87	100%	1.98	1	172	
	Grapes	32	50%	3.96	1	63	
	Legume seeds, all	316	90%	1.26	1	358	
	Nursery crops (in the open)	122	100%	4.00	1	488	
	Orchards, all	458	100%	4.00	1	1832	
	Walnuts, English	51	100%	3.96	1	202	
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800	
Clatsop, OR		County Acres: 524,676					
	Corn, sweet	5	100%	1.98	1	10	
	Floriculture crops	7	100%	3.96	1	28	
	Nursery crops (in the open)	3	100%	4.00	1	12	
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50	
Columbia, OR		County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137	
	Corn, field	48	100%	1.98	1	95	
	Floriculture crops	17	100%	3.96	1	67	
	Grapes	6	50%	3.96	1	12	
	Orchards, all	108	100%	4.00	1	432	

Table D-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Columbia, WA	County Acres: 559,019					
	Alfalfa, all	1780	90%	3.00	1	4806
	Corn, field	51	100%	1.98	1	101
	Lentils	350	100%	1.50	1	525
	Peas, all	6401	100%	1.50	1	9602
	Total Acres Planted:	8582	% County:	1.5	Total pounds:	15034
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
Garfield, WA	County Acres: 459,595					
	Alfalfa, all	802	90%	3.00	1	2165
	Total Acres Planted:	802	% County:	0.2	Total pounds:	2165

Table D-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Gilliam, OR	County Acres: 782,606					
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
Hood River, OR	County Acres: 341,471					
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Idaho, ID	County Acres: 5,441,871					
	Alfalfa, all	20266	90%	3.00	1	54718
	Corn, field	117	100%	1.98	1	232
	Grapes	1	50%	3.96	1	2
	Lentils	927	100%	1.50	1	1390
	Orchards, all	48	100%	4.00	1	192
	Peas, all	1517	100%	1.50	1	2276
	Total Acres Planted:	22876	% County:	0.4	Total pounds:	58810
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Lemhi, ID	County Acres: 2,924,332					
	Alfalfa, all	28143	90%	3.00	1	75986
	Orchards, all	20	100%	4.00	1	80
	Total Acres Planted:	28163	% County:	1.0	Total pounds:	76066
Lewis, ID	County Acres: 307,061					
	Alfalfa, all	3885	90%	3.00	1	10489
	Lentils	3748	100%	1.50	1	5622
	Peas, all	8434	100%	1.50	1	12651
	Total Acres Planted:	16067	% County:	5.2	Total pounds:	28762
Morrow, OR	County Acres: 1,311,041					
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366

Table D-16: Snake River - Sockeye

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Multnomah, OR	County Acres:	298,018				
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Nez Perce, ID	County Acres:	548,051				
	Alfalfa, all	6262	90%	3.00	1	16907
	Beans, dry edible, excluding dry	4561	100%	1.50	1	6842
	Corn, sweet	15	100%	1.98	1	30
	Lentils	11900	100%	1.50	1	17850
	Orchards, all	38	100%	4.00	1	152
	Peas, all	27475	100%	1.50	1	41212
	Total Acres Planted:	50251	% County:	9.2	Total pounds:	82993
Pacific, WA	County Acres:	597,140				
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR	County Acres:	531,994				
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA	County Acres:	1,077,652				
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059

Table D-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Umatilla, OR	County Acres: 2,067,898					
	Alfalfa, all	25033	90%	3.00	1	67589
	Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
	Beans, lima	1239	100%	1.50	1	1858
	Beans, snap	587	100%	1.50	1	880
	Corn, field	7903	100%	1.98	1	15648
	Corn, sweet	2077	100%	1.98	1	4112
	Floriculture crops	22	100%	3.96	1	87
	Garlic	9	100%	1.98	1	18
	Grapes	163	50%	3.96	1	323
	Lentils	615	100%	1.50	1	922
	Onions, dry	3914	100%	5.94	3	69747
	Orchards, all	4840	100%	4.00	1	19360
	Peas, all	31187	100%	1.50	1	46780
	Potatoes (excluding sweet	15003	100%	1.50	1	22504
	Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA	County Acres: 831,438					
	Alfalfa, all	17547	90%	3.00	1	47377
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa, all	18253	90%	3.00	1	49283
	Nursery crops (in the open)	6	100%	4.00	1	24
	Orchards, all	13	100%	4.00	1	52
	Total Acres Planted:	18272	% County:	0.9	Total pounds:	49359
Wasco, OR	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265

Table D-16: Snake River - Sockeye

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
Whitman, WA						
	County Acres: 1,393,558					
	Alfalfa, all	6644	90%	3.00	1	17939
	Beans, dry edible, excluding dry	1283	100%	1.50	1	1924
	Corn, field	101	100%	1.98	1	200
	Floriculture crops	3	100%	3.96	1	12
	Lentils	57544	100%	1.50	1	86316
	Orchards, all	25	100%	4.00	1	100
	Peas, all	89945	100%	1.50	1	134918
	Total Acres Planted:	155545	% County:	11.2	Total pounds:	241409

Total pounds affecting the Migration residency of Snake River - Sockeye: 2,192,372

ESU 33,745,328 % ESU Potentially Treated: 2.60

Spawning and Growth Residency

Blaine, ID						
	County Acres: 1,702,832					
	Alfalfa, all	17425	90%	3.00	1	47047
	Nursery crops (in the open)	28	100%	4.00	1	112
	Potatoes (excluding sweet	848	100%	1.50	1	1272
	Total Acres Planted:	18301	% County:	1.1	Total pounds:	48431
Custer, ID						
	County Acres: 3,159,338					
	Alfalfa, all	24467	90%	3.00	1	66061
	Potatoes (excluding sweet	507	100%	1.50	1	760
	Total Acres Planted:	24974	% County:	0.8	Total pounds:	66821

Total pounds affecting the Spawning and Growth residency of Snake River - Sockeye: 115,253

ESU 33,745,328 % ESU Potentially Treated: 0.12

Table D-19: Lower Columbia River - Steelhead

Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Lower Columbia River - Steelhead					
Habitat Residency					
Lewis, WA	County Acres: 1,559,171				
Alfalfa, all	937	90%	3.00	1	2530
Corn, field	746	100%	1.98	1	1477
Corn, sweet	662	100%	1.98	1	1311
Floriculture crops	22	100%	3.96	1	87
Grapes	4	50%	3.96	1	8
Orchards, all	154	100%	4.00	1	616
Peas, all	1635	100%	1.50	1	2452
Walnuts, English	4	100%	3.96	1	16
Total Acres Planted:	4164	% County:	0.3	Total pounds:	8497
Marion, OR					
County Acres: 764,860					
Alfalfa, all	1315	90%	3.00	1	3550
Beans, lima	115	100%	1.50	1	172
Beans, snap	12101	100%	1.50	1	18152
Carrots	76	100%	2.00	1	152
Corn, field	2158	100%	1.98	1	4273
Corn, sweet	14533	100%	1.98	1	28775
Floriculture crops	277	100%	3.96	1	1097
Garlic	556	100%	1.98	1	1101
Grapes	761	50%	3.96	1	1507
Legume seeds, all	526	90%	1.26	1	596
Nursery crops (in the open)	7090	100%	4.00	1	28360
Onions, dry	2036	100%	5.94	3	36282
Orchards, all	10640	100%	4.00	1	42560
Peas, all	686	100%	1.50	1	1029
Sod (harvested)	1987	100%	3.00	1	5961
Walnuts, English	155	100%	3.96	1	614
Total Acres Planted:	55012	% County:	7.2	Total pounds:	174181
Washington, OR					
County Acres: 464,874					
Alfalfa, all	1680	90%	3.00	1	4536
Beans, snap	988	100%	1.50	1	1482
Carrots	1	100%	2.00	1	2
Corn, field	3193	100%	1.98	1	6322
Corn, sweet	4962	100%	1.98	1	9825
Floriculture crops	647	100%	3.96	1	2562
Garlic	13	100%	1.98	1	26
Grapes	989	50%	3.96	1	1958
Legume seeds, all	10017	90%	1.26	1	11359
Nursery crops (in the open)	4130	100%	4.00	1	16520
Onions, dry	196	100%	5.94	3	3493

Table D-19: Lower Columbia River - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>						
	Orchards, all	8403	100%	4.00	1	33612
	Peas, all	840	100%	1.50	1	1260
	Walnuts, English	679	100%	3.96	1	2689
	Total Acres Planted:	36738	% County:	7.9	Total pounds:	95646

Total pounds affecting the Habitat residency of Lower Columbia River - Steelhead: 278,324

ESU 8,601,364 % ESU Potentially Treated: 1.11

Migration Residency

Clatsop, OR

County Acres: 524,676

Corn, sweet	5	100%	1.98	1	10
Floriculture crops	7	100%	3.96	1	28
Nursery crops (in the open)	3	100%	4.00	1	12
Total Acres Planted:	15	% County:	0.0	Total pounds:	50

Columbia, OR

County Acres: 436,345

Alfalfa, all	421	90%	3.00	1	1137
Corn, field	48	100%	1.98	1	95
Floriculture crops	17	100%	3.96	1	67
Grapes	6	50%	3.96	1	12
Orchards, all	108	100%	4.00	1	432
Walnuts, English	11	100%	3.96	1	44
Total Acres Planted:	611	% County:	0.1	Total pounds:	1787

Pacific, WA

County Acres: 597,140

Alfalfa, all	110	90%	3.00	1	297
Orchards, all	27	100%	4.00	1	108
Total Acres Planted:	137	% County:	0.0	Total pounds:	405

Total pounds affecting the Migration residency of Lower Columbia River - Steelhead: 2,241

ESU 8,601,364 % ESU Potentially Treated: 0.0

Spawning and Growth Residency

Clackamas, OR

County Acres: 1,202,554

Alfalfa, all	1072	90%	3.00	1	2894
Beans, dry edible, excluding dry	3	100%	1.50	1	4
Beans, snap	334	100%	1.50	1	501
Corn, field	735	100%	1.98	1	1455
Corn, sweet	1072	100%	1.98	1	2123
Floriculture crops	433	100%	3.96	1	1715

Table D-19: Lower Columbia River - Steelhead

		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>						
	Grapes	207	50%	3.96	1	410
	Legume seeds, all	965	90%	1.26	1	1094
	Nursery crops (in the open)	10503	100%	4.00	1	42012
	Orchards, all	4715	100%	4.00	1	18860
	Peas, all	104	100%	1.50	1	156
	Potatoes (excluding sweet	1	100%	1.50	1	2
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	20195	% County:	1.7	Total pounds:	71428
Clark, WA	County Acres: 419,976					
	Alfalfa, all	836	90%	3.00	1	2257
	Beans, snap	2	100%	1.50	1	3
	Corn, field	1730	100%	1.98	1	3425
	Corn, sweet	87	100%	1.98	1	172
	Grapes	32	50%	3.96	1	63
	Legume seeds, all	316	90%	1.26	1	358
	Nursery crops (in the open)	122	100%	4.00	1	488
	Orchards, all	458	100%	4.00	1	1832
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Hood River, OR	County Acres: 341,471					
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116

Table D-19: Lower Columbia River - Steelhead

		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>						
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
Total Acres Planted:		5670	% County:	1.9	Total pounds:	16705
Skamania, WA		County Acres: 1,077,652				
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
Total Acres Planted:		818	% County:	0.1	Total pounds:	3059
<i>Total pounds affecting the Spawning and Growth residency of Lower Columbia River - Steelhead:</i>						<i>168,655</i>
<i>ESU</i>	<i>8,601,364</i>	<i>% ESU Potentially Treated: 0.56</i>				

Table D-20: Middle Columbia River - Steelhead

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Middle Columbia River - Steelhead							
Habitat Residency							
Harney, OR		County Acres: 6,544,838					
		Alfalfa, all	36401	90%	3.00	1	98283
		Orchards, all	5	100%	4.00	1	20
		Total Acres Planted:	36406	% County:	0.6	Total pounds:	98303
Union, OR		County Acres: 1,304,649					
		Alfalfa, all	25818	90%	3.00	1	69709
		Beans, dry edible, excluding dry	661	100%	1.50	1	992
		Orchards, all	658	100%	4.00	1	2632
		Peas, all	390	100%	1.50	1	585
		Potatoes (excluding sweet	660	100%	1.50	1	990
		Total Acres Planted:	28187	% County:	2.2	Total pounds:	74908
Wallowa, OR		County Acres: 2,016,984					
		Alfalfa, all	18253	90%	3.00	1	49283
		Nursery crops (in the open)	6	100%	4.00	1	24
		Orchards, all	13	100%	4.00	1	52
		Total Acres Planted:	18272	% County:	0.9	Total pounds:	49359
Total pounds affecting the Habitat residency of Middle Columbia River - Steelhead:							222,569
ESU	37,633,072	% ESU Potentially Treated: 0.22					
Migration Residency							
Clark, WA		County Acres: 419,976					
		Alfalfa, all	836	90%	3.00	1	2257
		Beans, snap	2	100%	1.50	1	3
		Corn, field	1730	100%	1.98	1	3425
		Corn, sweet	87	100%	1.98	1	172
		Grapes	32	50%	3.96	1	63
		Legume seeds, all	316	90%	1.26	1	358
		Nursery crops (in the open)	122	100%	4.00	1	488
		Orchards, all	458	100%	4.00	1	1832
		Walnuts, English	51	100%	3.96	1	202
		Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR		County Acres: 524,676					
		Corn, sweet	5	100%	1.98	1	10
		Floriculture crops	7	100%	3.96	1	28
		Nursery crops (in the open)	3	100%	4.00	1	12

Table D-20: Middle Columbia River - Steelhead

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR	County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Hood River, OR	County Acres: 341,471					
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8

Table D-20: Middle Columbia River - Steelhead

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Skamania, WA	County Acres: 1,077,652					
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
<i>Total pounds affecting the Migration residency of Middle Columbia River - Steelhead:</i>						99,468
<i>ESU</i>	<i>37,633,072</i>	<i>% ESU Potentially Treated: 0.0</i>				

Spawning and Growth Residency

Benton, WA	County Acres: 1,126,434					
	Alfalfa, all	13241	90%	3.00	1	35751
	Corn, field	357	100%	1.98	1	707
	Corn, sweet	15729	100%	1.98	1	31143
	Floriculture crops	18	100%	3.96	1	71
	Grapes	15929	50%	3.96	1	31539
	Nursery crops (in the open)	161	100%	4.00	1	644
	Onions, dry	3398	100%	5.94	3	60552
	Orchards, all	38705	100%	4.00	1	154820
	Potatoes (excluding sweet	25317	100%	1.50	1	37976
	Walnuts, English	41	100%	3.96	1	162
	Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365
Columbia, WA	County Acres: 559,019					
	Alfalfa, all	1780	90%	3.00	1	4806
	Corn, field	51	100%	1.98	1	101
	Lentils	350	100%	1.50	1	525
	Peas, all	6401	100%	1.50	1	9602
	Total Acres Planted:	8582	% County:	1.5	Total pounds:	15034
Crook, OR	County Acres: 1,911,876					
	Alfalfa, all	14023	90%	3.00	1	37862
	Garlic	388	100%	1.98	1	768
	Total Acres Planted:	14411	% County:	0.8	Total pounds:	38630

Table D-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
Gilliam, OR	County Acres: 782,606					
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
Grant, OR	County Acres: 2,898,651					
	Alfalfa, all	11296	90%	3.00	1	30499
	Total Acres Planted:	11296	% County:	0.4	Total pounds:	30499
Jefferson, OR	County Acres: 1,146,317					
	Alfalfa, all	10944	90%	3.00	1	29549
	Beans, dry edible, excluding dry	220	100%	1.50	1	330
	Garlic	1075	100%	1.98	1	2129
	Orchards, all	4	100%	4.00	1	16
	Potatoes (excluding sweet	973	100%	1.50	1	1460
	Total Acres Planted:	13216	% County:	1.2	Total pounds:	33484
Kittitas, WA	County Acres: 1,493,167					
	Alfalfa, all	8571	90%	3.00	1	23142
	Corn, field	110	100%	1.98	1	218
	Corn, sweet	4432	100%	1.98	1	8775
	Orchards, all	2236	100%	4.00	1	8944
	Potatoes (excluding sweet	442	100%	1.50	1	663
	Total Acres Planted:	15791	% County:	1.1	Total pounds:	41742
Klickitat, WA	County Acres: 1,218,633					

Table D-20: Middle Columbia River - Steelhead

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth	Residency						
		Alfalfa, all	28434	90%	3.00	1	76772
		Garlic	1	100%	1.98	1	2
		Grapes	419	50%	3.96	1	830
		Orchards, all	2541	100%	4.00	1	10164
		Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Morrow, OR	County Acres: 1,311,041						
		Alfalfa, all	22180	90%	3.00	1	59886
		Corn, field	9276	100%	1.98	1	18366
		Corn, sweet	3720	100%	1.98	1	7366
		Onions, dry	1284	100%	5.94	3	22881
		Peas, all	729	100%	1.50	1	1094
		Potatoes (excluding sweet	17030	100%	1.50	1	25545
		Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Sherman, OR	County Acres: 531,994						
		Alfalfa, all	230	90%	3.00	1	621
		Orchards, all	24	100%	4.00	1	96
		Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA	County Acres: 1,077,652						
		Alfalfa, all	164	90%	3.00	1	443
		Orchards, all	654	100%	4.00	1	2616
		Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Umatilla, OR	County Acres: 2,067,898						
		Alfalfa, all	25033	90%	3.00	1	67589
		Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
		Beans, lima	1239	100%	1.50	1	1858
		Beans, snap	587	100%	1.50	1	880
		Corn, field	7903	100%	1.98	1	15648
		Corn, sweet	2077	100%	1.98	1	4112
		Floriculture crops	22	100%	3.96	1	87
		Garlic	9	100%	1.98	1	18
		Grapes	163	50%	3.96	1	323
		Lentils	615	100%	1.50	1	922
		Onions, dry	3914	100%	5.94	3	69747
		Orchards, all	4840	100%	4.00	1	19360
		Peas, all	31187	100%	1.50	1	46780
		Potatoes (excluding sweet	15003	100%	1.50	1	22504
		Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA	County Acres: 831,438						

Table D-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:	
Spawning and Growth	Residency						
	Alfalfa, all	17547	90%	3.00	1	47377	
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186	
	Beans, lima	458	100%	1.50	1	687	
	Beans, snap	250	100%	1.50	1	375	
	Corn, field	7066	100%	1.98	1	13991	
	Corn, sweet	7535	100%	1.98	1	14919	
	Floriculture crops	5	100%	3.96	1	20	
	Onions, dry	2172	100%	5.94	3	38705	
	Orchards, all	8057	100%	4.00	1	32228	
	Peas, all	16658	100%	1.50	1	24987	
	Potatoes (excluding sweet	9256	100%	1.50	1	13884	
	Total Acres Planted:		74461	% County:	9.0	Total pounds:	195359
Wasco, OR	County Acres: 1,532,952						
	Alfalfa, all	7239	90%	3.00	1	19545	
	Corn, sweet	1	100%	1.98	1	2	
	Grapes	110	50%	3.96	1	218	
	Orchards, all	8375	100%	4.00	1	33500	
	Total Acres Planted:		15725	% County:	1.0	Total pounds:	53265
Wheeler, OR	County Acres: 1,097,864						
	Alfalfa, all	5494	90%	3.00	1	14834	
	Orchards, all	30	100%	4.00	1	120	
	Total Acres Planted:		5524	% County:	0.5	Total pounds:	14954
Yakima, WA	County Acres: 2,759,373						
	Alfalfa, all	33833	90%	3.00	1	91349	
	Beans, dry edible, excluding dry	2145	100%	1.50	1	3218	
	Beans, lima	731	100%	1.50	1	1096	
	Beans, snap	106	100%	1.50	1	159	
	Corn, field	24053	100%	1.98	1	47625	
	Corn, sweet	6478	100%	1.98	1	12826	
	Floriculture crops	70	100%	3.96	1	277	
	Grapes	15529	50%	3.96	1	30747	
	Nursery crops (in the open)	408	100%	4.00	1	1632	
	Orchards, all	109940	100%	4.00	1	439760	
	Peas, all	1745	100%	1.50	1	2618	
	Potatoes (excluding sweet	1929	100%	1.50	1	2894	
	Walnuts, English	11	100%	3.96	1	44	
	Total Acres Planted:		196978	% County:	7.1	Total pounds:	634245

Table D-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %	lbs/Acre: No Apps: Lbs/Crop:
<i>Spawning and Growth Residency</i>			
<i>Total pounds affecting the Spawning and Growth residency of Middle Columbia River - Steelhead:</i>			2,345,206
<i>ESU</i>	37,633,072	<i>% ESU Potentially Treated:</i>	2.16

Table D-22: Snake River Basin - Steelhead

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Basin - Steelhead							
<i>Habitat Residency</i>							
Baker, OR		County Acres: 1,976,535					
		Alfalfa, all	32053	90%	3.00	1	86543
		Corn, field	489	100%	1.98	1	968
		Orchards, all	77	100%	4.00	1	308
		Potatoes (excluding sweet	3356	100%	1.50	1	5034
		Total Acres Planted:	35975	% County:	1.8	Total pounds:	92853
Blaine, ID		County Acres: 1,702,832					
		Alfalfa, all	17425	90%	3.00	1	47047
		Nursery crops (in the open)	28	100%	4.00	1	112
		Potatoes (excluding sweet	848	100%	1.50	1	1272
		Total Acres Planted:	18301	% County:	1.1	Total pounds:	48431
Boise, ID		County Acres: 1,220,327					
		Alfalfa, all	2504	90%	3.00	1	6761
		Total Acres Planted:	2504	% County:	0.2	Total pounds:	6761
<i>Total pounds affecting the Habitat residency of Snake River Basin - Steelhead:</i>						<i>148,046</i>	

ESU Acres 45,502,642 % ESU Potentially Treated: 0.12

Migration Residency

Benton, WA		County Acres: 1,126,434					
		Alfalfa, all	13241	90%	3.00	1	35751
		Corn, field	357	100%	1.98	1	707
		Corn, sweet	15729	100%	1.98	1	31143
		Floriculture crops	18	100%	3.96	1	71
		Grapes	15929	50%	3.96	1	31539
		Nursery crops (in the open)	161	100%	4.00	1	644
		Onions, dry	3398	100%	5.94	3	60552
		Orchards, all	38705	100%	4.00	1	154820
		Potatoes (excluding sweet	25317	100%	1.50	1	37976
		Walnuts, English	41	100%	3.96	1	162
		Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365
Clark, WA		County Acres: 419,976					
		Alfalfa, all	836	90%	3.00	1	2257
		Beans, snap	2	100%	1.50	1	3
		Corn, field	1730	100%	1.98	1	3425
		Corn, sweet	87	100%	1.98	1	172
		Grapes	32	50%	3.96	1	63

Table D-22: Snake River Basin - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Legume seeds, all	316	90%	1.26	1	358
	Nursery crops (in the open)	122	100%	4.00	1	488
	Orchards, all	458	100%	4.00	1	1832
	Walnuts, English	51	100%	3.96	1	202
	Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
<i>Clatsop, OR</i>						
	County Acres:	524,676				
	Corn, sweet	5	100%	1.98	1	10
	Floriculture crops	7	100%	3.96	1	28
	Nursery crops (in the open)	3	100%	4.00	1	12
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
<i>Columbia, OR</i>						
	County Acres:	436,345				
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
<i>Cowlitz, WA</i>						
	County Acres:	746,443				
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
<i>Gilliam, OR</i>						
	County Acres:	782,606				
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
<i>Hood River, OR</i>						
	County Acres:	341,471				
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212

Table D-22: Snake River Basin - Steelhead

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Morrow, OR	County Acres: 1,311,041					
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366
	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR	County Acres: 531,994					
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA	County Acres: 1,077,652					

Table D-22: Snake River Basin - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
<i>Umatilla, OR</i>						
	County Acres: 2,067,898					
	Alfalfa, all	25033	90%	3.00	1	67589
	Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
	Beans, lima	1239	100%	1.50	1	1858
	Beans, snap	587	100%	1.50	1	880
	Corn, field	7903	100%	1.98	1	15648
	Corn, sweet	2077	100%	1.98	1	4112
	Floriculture crops	22	100%	3.96	1	87
	Garlic	9	100%	1.98	1	18
	Grapes	163	50%	3.96	1	323
	Lentils	615	100%	1.50	1	922
	Onions, dry	3914	100%	5.94	3	69747
	Orchards, all	4840	100%	4.00	1	19360
	Peas, all	31187	100%	1.50	1	46780
	Potatoes (excluding sweet	15003	100%	1.50	1	22504
	Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
<i>Walla Walla, WA</i>						
	County Acres: 831,438					
	Alfalfa, all	17547	90%	3.00	1	47377
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
<i>Wasco, OR</i>						
	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265

Table D-22: Snake River Basin - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
Total pounds affecting the Migration residency of Snake River Basin - Steelhead:					1,183,777	
ESU	45,502,642	% ESU Potentially Treated:		0.91		
Spawning and Growth Residency						
Adams, ID	County Acres: 876,768					
	Alfalfa, all	9223	90%	3.00	1	24902
	Corn, field	104	100%	1.98	1	206
	Orchards, all	9	100%	4.00	1	36
	Total Acres Planted:	9336	% County:	1.1	Total pounds:	25144
Asotin, WA	County Acres: 410,008					
	Alfalfa, all	1648	90%	3.00	1	4450
	Orchards, all	74	100%	4.00	1	296
	Total Acres Planted:	1722	% County:	0.4	Total pounds:	4746
Clearwater, ID	County Acres: 1,592,367					
	Alfalfa, all	2640	90%	3.00	1	7128
	Beans, dry edible, excluding dry	218	100%	1.50	1	327
	Lentils	1129	100%	1.50	1	1694
	Peas, all	1369	100%	1.50	1	2054
	Total Acres Planted:	5356	% County:	0.3	Total pounds:	11203
Columbia, WA	County Acres: 559,019					
	Alfalfa, all	1780	90%	3.00	1	4806
	Corn, field	51	100%	1.98	1	101
	Lentils	350	100%	1.50	1	525
	Peas, all	6401	100%	1.50	1	9602
	Total Acres Planted:	8582	% County:	1.5	Total pounds:	15034
Custer, ID	County Acres: 3,159,338					
	Alfalfa, all	24467	90%	3.00	1	66061
	Potatoes (excluding sweet	507	100%	1.50	1	760
	Total Acres Planted:	24974	% County:	0.8	Total pounds:	66821
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936

Table D-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
Garfield, WA	County Acres: 459,595					
	Alfalfa, all	802	90%	3.00	1	2165
	Total Acres Planted:	802	% County:	0.2	Total pounds:	2165
Idaho, ID	County Acres: 5,441,871					
	Alfalfa, all	20266	90%	3.00	1	54718
	Corn, field	117	100%	1.98	1	232
	Grapes	1	50%	3.96	1	2
	Lentils	927	100%	1.50	1	1390
	Orchards, all	48	100%	4.00	1	192
	Peas, all	1517	100%	1.50	1	2276
	Total Acres Planted:	22876	% County:	0.4	Total pounds:	58810
	Latah, ID	County Acres: 689,179				
Alfalfa, all		7202	90%	3.00	1	19445
Beans, dry edible, excluding dry		1135	100%	1.50	1	1702
Lentils		30589	100%	1.50	1	45884
Orchards, all		23	100%	4.00	1	92
Peas, all		25651	100%	1.50	1	38476
Total Acres Planted:		64600	% County:	9.4	Total pounds:	105599
Lemhi, ID		County Acres: 2,924,332				
	Alfalfa, all	28143	90%	3.00	1	75986
	Orchards, all	20	100%	4.00	1	80
	Total Acres Planted:	28163	% County:	1.0	Total pounds:	76066
Lewis, ID	County Acres: 307,061					
	Alfalfa, all	3885	90%	3.00	1	10489
	Lentils	3748	100%	1.50	1	5622
	Peas, all	8434	100%	1.50	1	12651
	Total Acres Planted:	16067	% County:	5.2	Total pounds:	28762

Table D-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Nez Perce, ID	County Acres: 548,051					
	Alfalfa, all	6262	90%	3.00	1	16907
	Beans, dry edible, excluding dry	4561	100%	1.50	1	6842
	Corn, sweet	15	100%	1.98	1	30
	Lentils	11900	100%	1.50	1	17850
	Orchards, all	38	100%	4.00	1	152
	Peas, all	27475	100%	1.50	1	41212
	Total Acres Planted:	50251	% County:	9.2	Total pounds:	82993
Union, OR	County Acres: 1,304,649					
	Alfalfa, all	25818	90%	3.00	1	69709
	Beans, dry edible, excluding dry	661	100%	1.50	1	992
	Orchards, all	658	100%	4.00	1	2632
	Peas, all	390	100%	1.50	1	585
	Potatoes (excluding sweet	660	100%	1.50	1	990
	Total Acres Planted:	28187	% County:	2.2	Total pounds:	74908
Valley, ID	County Acres: 2,389,283					
	Alfalfa, all	1599	90%	3.00	1	4317
	Potatoes (excluding sweet	225	100%	1.50	1	338
	Total Acres Planted:	1824	% County:	0.1	Total pounds:	4655
Walla Walla, WA	County Acres: 831,438					
	Alfalfa, all	17547	90%	3.00	1	47377
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa, all	18253	90%	3.00	1	49283
	Nursery crops (in the open)	6	100%	4.00	1	24
	Orchards, all	13	100%	4.00	1	52
	Total Acres Planted:	18272	% County:	0.9	Total pounds:	49359
Whitman, WA	County Acres: 1,393,558					

Table D-22: Snake River Basin - Steelhead

<i>Spawning and Growth Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Alfalfa, all	6644	90%	3.00	1	17939
	Beans, dry edible, excluding dry	1283	100%	1.50	1	1924
	Corn, field	101	100%	1.98	1	200
	Floriculture crops	3	100%	3.96	1	12
	Lentils	57544	100%	1.50	1	86316
	Orchards, all	25	100%	4.00	1	100
	Peas, all	89945	100%	1.50	1	134918
	Total Acres Planted:	155545	% County:	11.2	Total pounds:	241409

Total pounds affecting the Spawning and Growth residency of Snake River Basin - Steelhead: 1,492,283

ESU 45,502,642 *% ESU Potentially Treated:* 1.48

Table D-25: Upper Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Upper Columbia River - Steelhead						
Habitat Residency						
Columbia, WA		County Acres: 559,019				
Alfalfa, all		1780	90%	3.00	1	4806
Corn, field		51	100%	1.98	1	101
Lentils		350	100%	1.50	1	525
Peas, all		6401	100%	1.50	1	9602
Total Acres Planted:		8582	% County:	1.5	Total pounds:	15034

Total pounds affecting the Habitat residency of Upper Columbia River - Steelhead: 15,033

ESU 27,920,623 % ESU Potentially Treated: 0.0

Migration Residency

Clark, WA		County Acres: 419,976						
	Alfalfa, all	836	90%	3.00	1	2257		
	Beans, snap	2	100%	1.50	1	3		
	Corn, field	1730	100%	1.98	1	3425		
	Corn, sweet	87	100%	1.98	1	172		
	Grapes	32	50%	3.96	1	63		
	Legume seeds, all	316	90%	1.26	1	358		
	Nursery crops (in the open)	122	100%	4.00	1	488		
	Orchards, all	458	100%	4.00	1	1832		
	Walnuts, English	51	100%	3.96	1	202		
Total Acres Planted:		3634	% County:	0.9	Total pounds:	8800		

Clatsop, OR		County Acres: 524,676						
	Corn, sweet	5	100%	1.98	1	10		
	Floriculture crops	7	100%	3.96	1	28		
	Nursery crops (in the open)	3	100%	4.00	1	12		
Total Acres Planted:		15	% County:	0.0	Total pounds:	50		

Columbia, OR		County Acres: 436,345						
	Alfalfa, all	421	90%	3.00	1	1137		
	Corn, field	48	100%	1.98	1	95		
	Floriculture crops	17	100%	3.96	1	67		
	Grapes	6	50%	3.96	1	12		
	Orchards, all	108	100%	4.00	1	432		
	Walnuts, English	11	100%	3.96	1	44		
Total Acres Planted:		611	% County:	0.1	Total pounds:	1787		

Cowlitz, WA		County Acres: 746,443						
	Alfalfa, all	105	90%	3.00	1	283		

Table D-25: Upper Columbia River - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Gilliam, OR						
	County Acres:	782,606				
	Alfalfa, all	2450	90%	3.00	1	6615
	Total Acres Planted:	2450	% County:	0.3	Total pounds:	6615
Hood River, OR						
	County Acres:	341,471				
	Alfalfa, all	443	90%	3.00	1	1196
	Corn, sweet	4	100%	1.98	1	8
	Floriculture crops	8	100%	3.96	1	32
	Grapes	63	50%	3.96	1	125
	Orchards, all	15553	100%	4.00	1	62212
	Total Acres Planted:	16071	% County:	4.7	Total pounds:	63573
Klickitat, WA						
	County Acres:	1,218,633				
	Alfalfa, all	28434	90%	3.00	1	76772
	Garlic	1	100%	1.98	1	2
	Grapes	419	50%	3.96	1	830
	Orchards, all	2541	100%	4.00	1	10164
	Total Acres Planted:	31395	% County:	2.6	Total pounds:	87768
Morrow, OR						
	County Acres:	1,311,041				
	Alfalfa, all	22180	90%	3.00	1	59886
	Corn, field	9276	100%	1.98	1	18366
	Corn, sweet	3720	100%	1.98	1	7366
	Onions, dry	1284	100%	5.94	3	22881
	Peas, all	729	100%	1.50	1	1094
	Potatoes (excluding sweet	17030	100%	1.50	1	25545
	Total Acres Planted:	54219	% County:	4.1	Total pounds:	135138
Multnomah, OR						
	County Acres:	298,018				
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400

Table D-25: Upper Columbia River - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA						
	County Acres:	597,140				
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405
Sherman, OR						
	County Acres:	531,994				
	Alfalfa, all	230	90%	3.00	1	621
	Orchards, all	24	100%	4.00	1	96
	Total Acres Planted:	254	% County:	0.0	Total pounds:	717
Skamania, WA						
	County Acres:	1,077,652				
	Alfalfa, all	164	90%	3.00	1	443
	Orchards, all	654	100%	4.00	1	2616
	Total Acres Planted:	818	% County:	0.1	Total pounds:	3059
Umatilla, OR						
	County Acres:	2,067,898				
	Alfalfa, all	25033	90%	3.00	1	67589
	Beans, dry edible, excluding dry	1501	100%	1.50	1	2252
	Beans, lima	1239	100%	1.50	1	1858
	Beans, snap	587	100%	1.50	1	880
	Corn, field	7903	100%	1.98	1	15648
	Corn, sweet	2077	100%	1.98	1	4112
	Floriculture crops	22	100%	3.96	1	87
	Garlic	9	100%	1.98	1	18
	Grapes	163	50%	3.96	1	323
	Lentils	615	100%	1.50	1	922
	Onions, dry	3914	100%	5.94	3	69747
	Orchards, all	4840	100%	4.00	1	19360
	Peas, all	31187	100%	1.50	1	46780
	Potatoes (excluding sweet	15003	100%	1.50	1	22504
	Total Acres Planted:	94093	% County:	4.6	Total pounds:	252080
Walla Walla, WA						
	County Acres:	831,438				
	Alfalfa, all	17547	90%	3.00	1	47377

Table D-25: Upper Columbia River - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Beans, dry edible, excluding dry	5457	100%	1.50	1	8186
	Beans, lima	458	100%	1.50	1	687
	Beans, snap	250	100%	1.50	1	375
	Corn, field	7066	100%	1.98	1	13991
	Corn, sweet	7535	100%	1.98	1	14919
	Floriculture crops	5	100%	3.96	1	20
	Onions, dry	2172	100%	5.94	3	38705
	Orchards, all	8057	100%	4.00	1	32228
	Peas, all	16658	100%	1.50	1	24987
	Potatoes (excluding sweet	9256	100%	1.50	1	13884
	Total Acres Planted:	74461	% County:	9.0	Total pounds:	195359
<i>Wasco, OR</i>						
	County Acres: 1,532,952					
	Alfalfa, all	7239	90%	3.00	1	19545
	Corn, sweet	1	100%	1.98	1	2
	Grapes	110	50%	3.96	1	218
	Orchards, all	8375	100%	4.00	1	33500
	Total Acres Planted:	15725	% County:	1.0	Total pounds:	53265
<i>Total pounds affecting the Migration residency of Upper Columbia River - Steelhead:</i>						<i>830,411</i>
<i>ESU</i>	<i>27,920,623</i>	<i>% ESU Potentially Treated:</i>		<i>1.08</i>		

Spawning and Growth Residency

<i>Benton, WA</i>						
	County Acres:	1,126,434				
	Alfalfa, all	13241	90%	3.00	1	35751
	Corn, field	357	100%	1.98	1	707
	Corn, sweet	15729	100%	1.98	1	31143
	Floriculture crops	18	100%	3.96	1	71
	Grapes	15929	50%	3.96	1	31539
	Nursery crops (in the open)	161	100%	4.00	1	644
	Onions, dry	3398	100%	5.94	3	60552
	Orchards, all	38705	100%	4.00	1	154820
	Potatoes (excluding sweet	25317	100%	1.50	1	37976
	Walnuts, English	41	100%	3.96	1	162
	Total Acres Planted:	112896	% County:	10.0	Total pounds:	353365
<i>Chelan, WA</i>						
	County Acres:	1,915,872				
	Alfalfa, all	1210	90%	3.00	1	3267
	Nursery crops (in the open)	12	100%	4.00	1	48
	Orchards, all	29249	100%	4.00	1	116996
	Total Acres Planted:	30471	% County:	1.6	Total pounds:	120311

Table D-25: Upper Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Douglas, WA	County Acres: 1,183,088					
	Alfalfa, all	1763	90%	3.00	1	4760
	Nursery crops (in the open)	7	100%	4.00	1	28
	Orchards, all	17910	100%	4.00	1	71640
	Total Acres Planted:	19680	% County:	1.7	Total pounds:	76428
Franklin, WA	County Acres: 809,780					
	Alfalfa, all	71910	90%	3.00	1	194157
	Beans, dry edible, excluding dry	2470	100%	1.50	1	3705
	Beans, lima	988	100%	1.50	1	1482
	Beans, snap	236	100%	1.50	1	354
	Carrots	3574	100%	2.00	1	7148
	Corn, field	12594	100%	1.98	1	24936
	Corn, sweet	11834	100%	1.98	1	23431
	Floriculture crops	168	100%	3.96	1	665
	Grapes	2813	50%	3.96	1	5570
	Legume seeds, all	126	90%	1.26	1	143
	Onions, dry	4074	100%	5.94	3	72599
	Orchards, all	14679	100%	4.00	1	58716
	Peas, all	1096	100%	1.50	1	1644
	Potatoes (excluding sweet	35770	100%	1.50	1	53655
	Sunflower seed	698	100%	1.50	1	1047
	Total Acres Planted:	163030	% County:	20.1	Total pounds:	449252
Grant, WA	County Acres: 1,786,322					
	Alfalfa, all	120251	90%	3.00	1	324678
	Beans, dry edible, excluding dry	17353	100%	1.50	1	26030
	Beans, lima	3878	100%	1.50	1	5817
	Beans, snap	671	100%	1.50	1	1006
	Carrots	2207	100%	2.00	1	4414
	Corn, field	35123	100%	1.98	1	69544
	Corn, pop	2022	100%	1.98	1	4004
	Corn, sweet	32540	100%	1.98	1	64429
	Corn, sweet, for seed	531	100%	1.98	1	1051
	Floriculture crops	3	100%	3.96	1	12
	Grapes	3132	50%	3.96	1	6201
	Nursery crops (in the open)	1562	100%	4.00	1	6248
	Onions, dry	6214	100%	5.94	3	110733
	Orchards, all	41934	100%	4.00	1	167736
	Peas, all	19602	100%	1.50	1	29403
	Potatoes (excluding sweet	44263	100%	1.50	1	66394
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	331291	% County:	18.5	Total pounds:	887720

Table D-25: Upper Columbia River - Steelhead

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Kittitas, WA		County Acres: 1,493,167					
	Alfalfa, all	8571	90%	3.00	1	23142	
	Corn, field	110	100%	1.98	1	218	
	Corn, sweet	4432	100%	1.98	1	8775	
	Orchards, all	2236	100%	4.00	1	8944	
	Potatoes (excluding sweet	442	100%	1.50	1	663	
	Total Acres Planted:	15791	% County:	1.1	Total pounds:	41742	
Okanogan, WA		County Acres: 3,401,101					
	Alfalfa, all	21880	90%	3.00	1	59076	
	Carrots	1	100%	2.00	1	2	
	Corn, sweet	7	100%	1.98	1	14	
	Floriculture crops	20	100%	3.96	1	79	
	Garlic	5	100%	1.98	1	10	
	Nursery crops (in the open)	25	100%	4.00	1	100	
	Orchards, all	28623	100%	4.00	1	114492	
	Walnuts, English	29	100%	3.96	1	115	
	Total Acres Planted:	50590	% County:	1.5	Total pounds:	173888	
Yakima, WA		County Acres: 2,759,373					
	Alfalfa, all	33833	90%	3.00	1	91349	
	Beans, dry edible, excluding dry	2145	100%	1.50	1	3218	
	Beans, lima	731	100%	1.50	1	1096	
	Beans, snap	106	100%	1.50	1	159	
	Corn, field	24053	100%	1.98	1	47625	
	Corn, sweet	6478	100%	1.98	1	12826	
	Floriculture crops	70	100%	3.96	1	277	
	Grapes	15529	50%	3.96	1	30747	
	Nursery crops (in the open)	408	100%	4.00	1	1632	
	Orchards, all	109940	100%	4.00	1	439760	
	Peas, all	1745	100%	1.50	1	2618	
	Potatoes (excluding sweet	1929	100%	1.50	1	2894	
	Walnuts, English	11	100%	3.96	1	44	
	Total Acres Planted:	196978	% County:	7.1	Total pounds:	634245	
Total pounds affecting the Spawning and Growth residency of Upper Columbia River - Steelhead:						2,736,952	
ESU	27,920,623	% ESU Potentially Treated:		3.29			

Table D-26: Upper Willamette River - Steelhead

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Upper Willamette River - Steelhead							
Habitat Residency							
Columbia, WA		County Acres: 559,019					
		Alfalfa, all	1780	90%	3.00	1	4806
		Corn, field	51	100%	1.98	1	101
		Lentils	350	100%	1.50	1	525
		Peas, all	6401	100%	1.50	1	9602
		Total Acres Planted:	8582	% County:	1.5	Total pounds:	15034
Lincoln, OR		County Acres: 629,153					
		Beans, snap	1	100%	1.50	1	2
		Floriculture crops	10	100%	3.96	1	40
		Grapes	1	50%	3.96	1	2
		Orchards, all	26	100%	4.00	1	104
		Total Acres Planted:	38	% County:	0.0	Total pounds:	148
Tillamook, OR		County Acres: 719,128					
		Floriculture crops	12	100%	3.96	1	48
		Nursery crops (in the open)	11	100%	4.00	1	44
		Total Acres Planted:	23	% County:	0.0	Total pounds:	92
Total pounds affecting the Habitat residency of Upper Willamette River - Steelhead:						15,272	
ESU	10,378,735	% ESU Potentially Treated:				8.32	
Migration Residency							
Clark, WA		County Acres: 419,976					
		Alfalfa, all	836	90%	3.00	1	2257
		Beans, snap	2	100%	1.50	1	3
		Corn, field	1730	100%	1.98	1	3425
		Corn, sweet	87	100%	1.98	1	172
		Grapes	32	50%	3.96	1	63
		Legume seeds, all	316	90%	1.26	1	358
		Nursery crops (in the open)	122	100%	4.00	1	488
		Orchards, all	458	100%	4.00	1	1832
		Walnuts, English	51	100%	3.96	1	202
		Total Acres Planted:	3634	% County:	0.9	Total pounds:	8800
Clatsop, OR		County Acres: 524,676					
		Corn, sweet	5	100%	1.98	1	10
		Floriculture crops	7	100%	3.96	1	28
		Nursery crops (in the open)	3	100%	4.00	1	12

Table D-26: Upper Willamette River - Steelhead

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	15	% County:	0.0	Total pounds:	50
Columbia, OR	County Acres: 436,345					
	Alfalfa, all	421	90%	3.00	1	1137
	Corn, field	48	100%	1.98	1	95
	Floriculture crops	17	100%	3.96	1	67
	Grapes	6	50%	3.96	1	12
	Orchards, all	108	100%	4.00	1	432
	Walnuts, English	11	100%	3.96	1	44
	Total Acres Planted:	611	% County:	0.1	Total pounds:	1787
Cowlitz, WA	County Acres: 746,443					
	Alfalfa, all	105	90%	3.00	1	283
	Beans, snap	1	100%	1.50	1	2
	Corn, field	460	100%	1.98	1	911
	Corn, sweet	1144	100%	1.98	1	2265
	Floriculture crops	16	100%	3.96	1	63
	Nursery crops (in the open)	54	100%	4.00	1	216
	Orchards, all	43	100%	4.00	1	172
	Peas, all	771	100%	1.50	1	1156
	Walnuts, English	5	100%	3.96	1	20
	Total Acres Planted:	2599	% County:	0.3	Total pounds:	5088
Multnomah, OR	County Acres: 298,018					
	Alfalfa, all	389	90%	3.00	1	1050
	Beans, snap	77	100%	1.50	1	116
	Corn, field	193	100%	1.98	1	382
	Corn, sweet	1212	100%	1.98	1	2400
	Floriculture crops	39	100%	3.96	1	154
	Grapes	28	50%	3.96	1	55
	Nursery crops (in the open)	2609	100%	4.00	1	10436
	Orchards, all	169	100%	4.00	1	676
	Peas, all	616	100%	1.50	1	924
	Potatoes (excluding sweet	336	100%	1.50	1	504
	Walnuts, English	2	100%	3.96	1	8
	Total Acres Planted:	5670	% County:	1.9	Total pounds:	16705
Pacific, WA	County Acres: 597,140					
	Alfalfa, all	110	90%	3.00	1	297
	Orchards, all	27	100%	4.00	1	108
	Total Acres Planted:	137	% County:	0.0	Total pounds:	405

Table D-26: Upper Willamette River - Steelhead

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Total pounds affecting the Migration residency of Upper Willamette River - Steelhead:							32,837
ESU	10,378,735	% ESU Potentially Treated: 0.12					
Spawning and Growth Residency							
Benton, OR		County Acres: 434,536					
		Alfalfa, all	570	90%	3.00	1	1539
		Beans, snap	3080	100%	1.50	1	4620
		Corn, field	525	100%	1.98	1	1040
		Corn, sweet	5735	100%	1.98	1	11355
		Floriculture crops	40	100%	3.96	1	158
		Garlic	3	100%	1.98	1	6
		Grapes	242	50%	3.96	1	479
		Nursery crops (in the open)	149	100%	4.00	1	596
		Onions, dry	3	100%	5.94	3	53
		Orchards, all	891	100%	4.00	1	3564
		Peas, all	1	100%	1.50	1	2
		Potatoes (excluding sweet	3	100%	1.50	1	4
		Walnuts, English	23	100%	3.96	1	91
Total Acres Planted:			11265	% County:	2.6	Total pounds:	23507
Clackamas, OR		County Acres: 1,202,554					
		Alfalfa, all	1072	90%	3.00	1	2894
		Beans, dry edible, excluding dry	3	100%	1.50	1	4
		Beans, snap	334	100%	1.50	1	501
		Corn, field	735	100%	1.98	1	1455
		Corn, sweet	1072	100%	1.98	1	2123
		Floriculture crops	433	100%	3.96	1	1715
		Grapes	207	50%	3.96	1	410
		Legume seeds, all	965	90%	1.26	1	1094
		Nursery crops (in the open)	10503	100%	4.00	1	42012
		Orchards, all	4715	100%	4.00	1	18860
		Peas, all	104	100%	1.50	1	156
		Potatoes (excluding sweet	1	100%	1.50	1	2
		Walnuts, English	51	100%	3.96	1	202
Total Acres Planted:			20195	% County:	1.7	Total pounds:	71428
Linn, OR		County Acres: 1,477,826					
		Alfalfa, all	2507	90%	3.00	1	6769
		Beans, snap	2688	100%	1.50	1	4032
		Corn, field	1976	100%	1.98	1	3912
		Corn, sweet	5771	100%	1.98	1	11427
		Floriculture crops	59	100%	3.96	1	234

Table D-26: Upper Willamette River - Steelhead

		Crop		Acres Planted: %	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
		Grapes	93	50%	3.96	1	184
		Legume seeds, all	1522	90%	1.26	1	1726
		Nursery crops (in the open)	155	100%	4.00	1	620
		Onions, dry	1	100%	5.94	3	18
		Orchards, all	2408	100%	4.00	1	9632
		Walnuts, English	55	100%	3.96	1	218
		Total Acres Planted:	17235	% County:	1.2	Total pounds:	38772
Marion, OR		County Acres: 764,860					
		Alfalfa, all	1315	90%	3.00	1	3550
		Beans, lima	115	100%	1.50	1	172
		Beans, snap	12101	100%	1.50	1	18152
		Carrots	76	100%	2.00	1	152
		Corn, field	2158	100%	1.98	1	4273
		Corn, sweet	14533	100%	1.98	1	28775
		Floriculture crops	277	100%	3.96	1	1097
		Garlic	556	100%	1.98	1	1101
		Grapes	761	50%	3.96	1	1507
		Legume seeds, all	526	90%	1.26	1	596
		Nursery crops (in the open)	7090	100%	4.00	1	28360
		Onions, dry	2036	100%	5.94	3	36282
		Orchards, all	10640	100%	4.00	1	42560
		Peas, all	686	100%	1.50	1	1029
		Sod (harvested)	1987	100%	3.00	1	5961
		Walnuts, English	155	100%	3.96	1	614
		Total Acres Planted:	55012	% County:	7.2	Total pounds:	174181
Polk, OR		County Acres: 476,251					
		Alfalfa, all	774	90%	3.00	1	2090
		Beans, snap	598	100%	1.50	1	897
		Corn, field	1472	100%	1.98	1	2915
		Corn, sweet	1835	100%	1.98	1	3633
		Floriculture crops	16	100%	3.96	1	63
		Garlic	7	100%	1.98	1	14
		Grapes	1123	50%	3.96	1	2224
		Legume seeds, all	1219	90%	1.26	1	1382
		Orchards, all	6342	100%	4.00	1	25368
		Walnuts, English	33	100%	3.96	1	131
		Total Acres Planted:	13419	% County:	2.8	Total pounds:	38717
Washington, OR		County Acres: 464,874					
		Alfalfa, all	1680	90%	3.00	1	4536
		Beans, snap	988	100%	1.50	1	1482
		Carrots	1	100%	2.00	1	2

Table D-26: Upper Willamette River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:	
Spawning and Growth	Residency						
	Corn, field	3193	100%	1.98	1	6322	
	Corn, sweet	4962	100%	1.98	1	9825	
	Floriculture crops	647	100%	3.96	1	2562	
	Garlic	13	100%	1.98	1	26	
	Grapes	989	50%	3.96	1	1958	
	Legume seeds, all	10017	90%	1.26	1	11359	
	Nursery crops (in the open)	4130	100%	4.00	1	16520	
	Onions, dry	196	100%	5.94	3	3493	
	Orchards, all	8403	100%	4.00	1	33612	
	Peas, all	840	100%	1.50	1	1260	
	Walnuts, English	679	100%	3.96	1	2689	
	Total Acres Planted:		36738	% County:	7.9	Total pounds:	95646
	Yamhill, OR		County Acres: 459,752				
	Alfalfa, all	2294	90%	3.00	1	6194	
	Beans, snap	1838	100%	1.50	1	2757	
	Corn, field	2173	100%	1.98	1	4303	
	Corn, sweet	4149	100%	1.98	1	8215	
	Grapes	2887	50%	3.96	1	5716	
	Legume seeds, all	7236	90%	1.26	1	8206	
	Nursery crops (in the open)	3444	100%	4.00	1	13776	
	Orchards, all	13201	100%	4.00	1	52804	
	Potatoes (excluding sweet	1	100%	1.50	1	2	
	Walnuts, English	608	100%	3.96	1	2408	
Total Acres Planted:		37831	% County:	8.2	Total pounds:	104381	
Total pounds affecting the Spawning and Growth residency of Upper Willamette River - Steelhead:						546,630	
ESU	10,378,735	% ESU Potentially Treated:		1.84			