

Appendix G

Maximum Estimated Malathion Usage for Pacific Northwest States

1997 Census Data

Table G-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 hay	1072	100%	2.46	1	2637
Apples	167	100%	14.40	1	2405
Barley	259	100%	1.54	1	399
Beans, dry edible, excluding dry	3	100%	1.78	1	5
Blueberries, tame	334	100%	2.50	1	835
Broccoli	184	100%	2.54	1	467
Corn for silage or green chop	721	100%	1.25	1	901
Grapes	207	100%	2.79	1	578
Lettuce and romaine	132	100%	2.00	1	264
Potatoes (excluding sweet	1	100%	4.30	1	4
Raspberries	1435	100%	4.50	1	6458
Strawberries	608	100%	10.00	1	6080
Walnuts, English	51	100%	15.33	1	782
Total Acres Planted:	5174	% County:	0.4	Total pounds:	21815
Clark, WA					
County Acres: 419,976					
Alfalfa hay	836	100%	2.46	1	2057
Apples	33	100%	14.40	1	475
Barley	830	100%	1.54	1	1278
Blueberries, tame	85	100%	2.50	1	212
Corn for silage or green chop	1730	100%	1.25	1	2162
Grapes	32	100%	2.79	1	89
Raspberries	634	100%	4.50	1	2853
Strawberries	162	100%	10.00	1	1620
Walnuts, English	51	100%	15.33	1	782
Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR					
County Acres: 436,345					
Alfalfa hay	421	100%	2.46	1	1036
Apples	39	100%	14.40	1	562
Blueberries, tame	101	100%	2.50	1	252
Grapes	6	100%	2.79	1	17
Raspberries	1	100%	4.50	1	4
Strawberries	6	100%	10.00	1	60
Walnuts, English	11	100%	15.33	1	169
Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA					
County Acres: 746,443					
Alfalfa hay	105	100%	2.46	1	258
Apples	14	100%	14.40	1	202
Corn for silage or green chop	460	100%	1.25	1	575

Table G-3: Lower Columbia - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Hood River, OR	County Acres: 341,471					
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Lewis, WA	County Acres: 1,559,171					
	Alfalfa hay	937	100%	2.46	1	2305
	Apples	77	100%	14.40	1	1109
	Barley	873	100%	1.54	1	1344
	Blueberries, tame	137	100%	2.50	1	342
	Corn for silage or green chop	746	100%	1.25	1	932
	Grapes	4	100%	2.79	1	11
	Walnuts, English	4	100%	15.33	1	61
	Total Acres Planted:	2778	% County:	0.2	Total pounds:	6104
Marion, OR	County Acres: 764,860					
	Alfalfa hay	1315	100%	2.46	1	3235
	Apples	555	100%	14.40	1	7992
	Barley	134	100%	1.54	1	206
	Blueberries, tame	545	100%	2.50	1	1362
	Broccoli	2548	100%	2.54	1	6472
	Carrots	76	100%	2.30	1	175
	Celery	32	100%	1.84	1	59
	Corn for silage or green chop	2142	100%	1.25	1	2678
	Grapes	761	100%	2.79	1	2123
	Mint for oil	3695	100%	1.84	1	6799
	Onions, dry	2036	100%	2.00	1	4072
	Raspberries	546	100%	4.50	1	2457
	Strawberries	1858	100%	10.00	1	18580

Table G-3: Lower Columbia - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Walnuts, English	155	100%	15.33	1	2376
	Total Acres Planted:	16398	% County:	2.1	Total pounds:	58586
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Pierce, WA	County Acres: 1,081,538					
	Alfalfa hay	70	100%	2.46	1	172
	Apples	61	100%	14.40	1	878
	Blueberries, tame	70	100%	2.50	1	175
	Celery	64	100%	1.84	1	118
	Corn for silage or green chop	358	100%	1.25	1	448
	Lettuce and romaine	607	100%	2.00	1	1214
	Potatoes (excluding sweet	7	100%	4.30	1	30
	Raspberries	108	100%	4.50	1	486
	Strawberries	125	100%	10.00	1	1250
	Total Acres Planted:	1470	% County:	0.1	Total pounds:	4771
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Wasco, OR	County Acres: 1,532,952					
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320

Table G-3: Lower Columbia - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>						
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
<i>Washington, OR</i>						
	County Acres: 464,874					
	Alfalfa hay	1680	100%	2.46	1	4133
	Apples	279	100%	14.40	1	4018
	Barley	153	100%	1.54	1	236
	Blueberries, tame	654	100%	2.50	1	1635
	Broccoli	400	100%	2.54	1	1016
	Carrots	1	100%	2.30	1	2
	Corn for silage or green chop	3193	100%	1.25	1	3991
	Grapes	989	100%	2.79	1	2759
	Lettuce and romaine	3	100%	2.00	1	6
	Onions, dry	196	100%	2.00	1	392
	Raspberries	1150	100%	4.50	1	5175
	Strawberries	1257	100%	10.00	1	12570
	Walnuts, English	679	100%	15.33	1	10409
	Total Acres Planted:	10634	% County:	2.3	Total pounds:	46342
<i>Total pounds affecting the Habitat residency of Lower Columbia - Chinook:</i>						<i>323,018</i>
<i>ESU</i>	<i>12,434,488</i>	<i>% ESU Potentially Treated: 0.76</i>				

Table G-4: Puget Sound - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Puget Sound - Chinook						
Habitat Residency						
Clallam, WA	County Acres: 1,141,259					
Alfalfa hay	1790	100%	2.46	1	4403	
Apples	29	100%	14.40	1	418	
Barley	453	100%	1.54	1	698	
Corn for silage or green chop	79	100%	1.25	1	99	
Grapes	4	100%	2.79	1	11	
Strawberries	13	100%	10.00	1	130	
Total Acres Planted:	2368	% County:	0.2	Total pounds:	5759	
Grays Harbor, WA						
County Acres: 1,234,726						
Alfalfa hay	125	100%	2.46	1	308	
Apples	5	100%	14.40	1	72	
Blueberries, tame	7	100%	2.50	1	18	
Corn for silage or green chop	679	100%	1.25	1	849	
Total Acres Planted:	816	% County:	0.1	Total pounds:	1247	
Island, WA						
County Acres: 134,556						
Alfalfa hay	2100	100%	2.46	1	5166	
Apples	18	100%	14.40	1	259	
Barley	487	100%	1.54	1	750	
Corn for silage or green chop	850	100%	1.25	1	1062	
Grapes	14	100%	2.79	1	39	
Total Acres Planted:	3469	% County:	2.6	Total pounds:	7276	
Jefferson, WA						
County Acres: 1,161,131						
Apples	5	100%	14.40	1	72	
Raspberries	2	100%	4.50	1	9	
Total Acres Planted:	7	% County:	0.0	Total pounds:	81	
King, WA						
County Acres: 1,400,877						
Alfalfa hay	358	100%	2.46	1	881	
Apples	64	100%	14.40	1	922	
Apricots	1	100%	10.00	1	10	
Blueberries, tame	32	100%	2.50	1	80	
Broccoli	8	100%	2.54	1	20	
Carrots	10	100%	2.30	1	23	
Corn for silage or green chop	740	100%	1.25	1	925	
Grapes	2	100%	2.79	1	6	
Lettuce and romaine	89	100%	2.00	1	178	
Onions, dry	4	100%	2.00	1	8	
Potatoes (excluding sweet	2	100%	4.30	1	9	
Raspberries	26	100%	4.50	1	117	

Table G-4: Puget Sound - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Strawberries	42	100%	10.00	1	420
	Walnuts, English	3	100%	15.33	1	46
	Total Acres Planted:	1381	% County:	0.1	Total pounds:	3645
Kitsap, WA	County Acres: 254,292					
	Apples	21	100%	14.40	1	302
	Blueberries, tame	5	100%	2.50	1	12
	Carrots	1	100%	2.30	1	2
	Grapes	8	100%	2.79	1	22
	Lettuce and romaine	3	100%	2.00	1	6
	Potatoes (excluding sweet	2	100%	4.30	1	9
	Raspberries	9	100%	4.50	1	40
	Strawberries	7	100%	10.00	1	70
	Total Acres Planted:	56	% County:	0.0	Total pounds:	463
Lewis, WA	County Acres: 1,559,171					
	Alfalfa hay	937	100%	2.46	1	2305
	Apples	77	100%	14.40	1	1109
	Barley	873	100%	1.54	1	1344
	Blueberries, tame	137	100%	2.50	1	342
	Corn for silage or green chop	746	100%	1.25	1	932
	Grapes	4	100%	2.79	1	11
	Walnuts, English	4	100%	15.33	1	61
	Total Acres Planted:	2778	% County:	0.2	Total pounds:	6104
Mason, WA	County Acres: 621,592					
	Alfalfa hay	125	100%	2.46	1	308
	Apples	5	100%	14.40	1	72
	Blueberries, tame	1	100%	2.50	1	2
Pierce, WA	Total Acres Planted:	131	% County:	0.0	Total pounds:	382
	County Acres: 1,081,538					
	Alfalfa hay	70	100%	2.46	1	172
	Apples	61	100%	14.40	1	878
	Blueberries, tame	70	100%	2.50	1	175
	Celery	64	100%	1.84	1	118
	Corn for silage or green chop	358	100%	1.25	1	448
	Lettuce and romaine	607	100%	2.00	1	1214
	Potatoes (excluding sweet	7	100%	4.30	1	30
	Raspberries	108	100%	4.50	1	486
	Strawberries	125	100%	10.00	1	1250
	Total Acres Planted:	1470	% County:	0.1	Total pounds:	4771

Table G-4: Puget Sound - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency						
San Juan, WA	County Acres: 106,218					
	Alfalfa hay	170	100%	2.46	1	418
	Apples	64	100%	14.40	1	922
	Carrots	1	100%	2.30	1	2
	Grapes	13	100%	2.79	1	36
	Lettuce and romaine	1	100%	2.00	1	2
	Potatoes (excluding sweet	1	100%	4.30	1	4
	Raspberries	2	100%	4.50	1	9
	Strawberries	2	100%	10.00	1	20
	Total Acres Planted:	254	% County:	0.2	Total pounds:	1413
Skagit, WA	County Acres: 1,124,349					
	Alfalfa hay	782	100%	2.46	1	1924
	Apples	357	100%	14.40	1	5141
	Barley	821	100%	1.54	1	1264
	Blueberries, tame	330	100%	2.50	1	825
	Carrots	555	100%	2.30	1	1276
	Corn for silage or green chop	6681	100%	1.25	1	8351
	Potatoes (excluding sweet	6948	100%	4.30	1	29876
	Raspberries	1088	100%	4.50	1	4896
	Strawberries	281	100%	10.00	1	2810
	Total Acres Planted:	17843	% County:	1.6	Total pounds:	56363
Snohomish, WA	County Acres: 1,349,204					
	Alfalfa hay	235	100%	2.46	1	578
	Apples	47	100%	14.40	1	677
	Barley	199	100%	1.54	1	306
	Blueberries, tame	27	100%	2.50	1	68
	Broccoli	4	100%	2.54	1	10
	Carrots	2	100%	2.30	1	5
	Corn for silage or green chop	3758	100%	1.25	1	4698
	Grapes	1	100%	2.79	1	3
	Raspberries	71	100%	4.50	1	320
	Strawberries	81	100%	10.00	1	810
	Total Acres Planted:	4425	% County:	0.3	Total pounds:	7475
Thurston, WA	County Acres: 470,807					
	Alfalfa hay	543	100%	2.46	1	1336
	Apples	23	100%	14.40	1	331
	Blueberries, tame	96	100%	2.50	1	240
	Onions, dry	1	100%	2.00	1	2
	Raspberries	25	100%	4.50	1	112
	Strawberries	74	100%	10.00	1	740

Table G-4: Puget Sound - Chinook

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
	Total Acres Planted:	762	% County:	0.2	Total pounds:	2761
Whatcom, WA	County Acres: 1,383,587					
	Alfalfa hay	708	100%	2.46	1	1742
	Apples	174	100%	14.40	1	2506
	Blueberries, tame	482	100%	2.50	1	1205
	Broccoli	1	100%	2.54	1	3
	Corn for silage or green chop	15118	100%	1.25	1	18898
	Grapes	10	100%	2.79	1	28
	Lettuce and romaine	2	100%	2.00	1	4
	Potatoes (excluding sweet	1585	100%	4.30	1	6816
	Raspberries	5255	100%	4.50	1	23648
	Strawberries	297	100%	10.00	1	2970
	Walnuts, English	1	100%	15.33	1	15
	Total Acres Planted:	23633	% County:	1.7	Total pounds:	57835
<i>Total pounds affecting the Habitat residency of Puget Sound - Chinook:</i>						<i>155,574</i>
<i>ESU</i>	<i>13,023,307</i>	<i>% ESU Potentially Treated: 0.45</i>				

Table G-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 hay	13241	100%	2.46	1	32573
	Apples	18425	100%	14.40	1	265320
	Apricots	174	100%	10.00	1	1740
	Asparagus	1638	100%	1.27	1	2080
	Barley	435	100%	1.54	1	670
	Corn for silage or green chop	357	100%	1.25	1	446
	Grapes	15929	100%	2.79	1	44442
	Onions, dry	3398	100%	2.00	1	6796
	Potatoes (excluding sweet	25317	100%	4.30	1	108863
	Sugar beets for sugar	4284	100%	2.00	1	8568
	Walnuts, English	41	100%	15.33	1	629
Total Acres Planted:		83239	% County:	7.4	Total pounds:	472127
Clark, WA						
		County Acres: 419,976				
	Alfalfa hay	836	100%	2.46	1	2057
	Apples	33	100%	14.40	1	475
	Barley	830	100%	1.54	1	1278
	Blueberries, tame	85	100%	2.50	1	212
	Corn for silage or green chop	1730	100%	1.25	1	2162
	Grapes	32	100%	2.79	1	89
	Raspberries	634	100%	4.50	1	2853
	Strawberries	162	100%	10.00	1	1620
	Walnuts, English	51	100%	15.33	1	782
Total Acres Planted:		4393	% County:	1.0	Total pounds:	11528
Columbia, OR						
		County Acres: 436,345				
	Alfalfa hay	421	100%	2.46	1	1036
	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
Total Acres Planted:		585	% County:	0.1	Total pounds:	2100
Cowlitz, WA						
		County Acres: 746,443				
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77

Table G-6: Snake River Fall Run - Chinook

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Gilliam, OR	County Acres: 782,606					
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Hood River, OR	County Acres: 341,471					
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Morrow, OR	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31

Table G-6: Snake River Fall Run - Chinook

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Sherman, OR	County Acres: 531,994					
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR	County Acres: 2,067,898					
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485

Table G-6: Snake River Fall Run - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
Wasco, OR	County Acres: 1,532,952					
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Total pounds affecting the Migration residency of Snake River Fall Run - Chinook:						1,274,802
ESU	39,702,778	% ESU Potentially Treated: 0.89				
Spawning and Growth Residency						
Adams, ID	County Acres: 876,768					
	Alfalfa hay	9223	100%	2.46	1	22689
	Barley	312	100%	1.54	1	480
	Total Acres Planted:	9535	% County:	1.1	Total pounds:	23169
Adams, WA	County Acres: 1,234,916					
	Alfalfa hay	22350	100%	2.46	1	54981
	Alfalfa, seed	1110	100%	1.25	1	1388
	Apples	3457	100%	14.40	1	49781
	Asparagus	422	100%	1.27	1	536
	Barley	10022	100%	1.54	1	15434
	Beans, dry edible, excluding dry	8148	100%	1.78	1	14503
	Corn for silage or green chop	1490	100%	1.25	1	1862
	Mint for oil	7328	100%	1.84	1	13484
	Onions, dry	1453	100%	2.00	1	2906
	Potatoes (excluding sweet	27914	100%	4.30	1	120030
	Sugar beets for sugar	1570	100%	2.00	1	3140
	Total Acres Planted:	85264	% County:	6.9	Total pounds:	278045
Asotin, WA	County Acres: 410,008					
	Alfalfa hay	1648	100%	2.46	1	4054
	Apples	24	100%	14.40	1	346
	Apricots	5	100%	10.00	1	50
	Barley	10205	100%	1.54	1	15716
	Total Acres Planted:	11882	% County:	2.9	Total pounds:	20166
Benewah, ID	County Acres: 501,722					
	Alfalfa hay	983	100%	2.46	1	2418
	Apples	6	100%	14.40	1	86

Table G-6: Snake River Fall Run - Chinook

		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
<i>Spawning and Growth Residency</i>	Crop				
	Barley	4504	100%	1.54	1 6936
	Total Acres Planted:	5493	% County:	1.1	Total pounds: 9440
Clearwater, ID	County Acres: 1,592,367				
	Alfalfa hay	2640	100%	2.46	1 6494
	Barley	6058	100%	1.54	1 9329
	Beans, dry edible, excluding dry	218	100%	1.78	1 388
	Total Acres Planted:	8916	% County:	0.6	Total pounds: 16211
Columbia, WA	County Acres: 559,019				
	Alfalfa hay	1780	100%	2.46	1 4379
	Barley	17547	100%	1.54	1 27022
	Total Acres Planted:	19327	% County:	3.5	Total pounds: 31401
Franklin, WA	County Acres: 809,780				
	Alfalfa hay	70943	100%	2.46	1 174520
	Alfalfa, seed	967	100%	1.25	1 1209
	Apples	9000	100%	14.40	1 129600
	Apricots	68	100%	10.00	1 680
	Asparagus	8610	100%	1.27	1 10935
	Beans, dry edible, excluding dry	2470	100%	1.78	1 4397
	Carrots	3574	100%	2.30	1 8220
	Corn for silage or green chop	1257	100%	1.25	1 1571
	Grapes	2813	100%	2.79	1 7848
	Mint for oil	1586	100%	1.84	1 2918
	Onions, dry	4074	100%	2.00	1 8148
	Potatoes (excluding sweet	35770	100%	4.30	1 153811
	Raspberries	70	100%	4.50	1 315
	Strawberries	17	100%	10.00	1 170
	Total Acres Planted:	141219	% County:	17.4	Total pounds: 504342
Garfield, WA	County Acres: 459,595				
	Alfalfa hay	802	100%	2.46	1 1973
	Barley	36082	100%	1.54	1 55566
	Total Acres Planted:	36884	% County:	8.0	Total pounds: 57539
Idaho, ID	County Acres: 5,441,871				
	Alfalfa hay	20266	100%	2.46	1 49854
	Apples	6	100%	14.40	1 86
	Barley	28872	100%	1.54	1 44463
	Corn for silage or green chop	117	100%	1.25	1 146
	Grapes	1	100%	2.79	1 3
	Total Acres Planted:	49262	% County:	0.9	Total pounds: 94552

Table G-6: Snake River Fall Run - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Latah, ID	County Acres: 689,179					
	Alfalfa hay	7202	100%	2.46	1	17717
	Apples	3	100%	14.40	1	43
	Barley	18615	100%	1.54	1	28667
	Beans, dry edible, excluding dry	1135	100%	1.78	1	2020
	Total Acres Planted:	26955	% County:	3.9	Total pounds:	48447
Lewis, ID	County Acres: 307,061					
	Alfalfa hay	3885	100%	2.46	1	9557
	Barley	21851	100%	1.54	1	33651
	Total Acres Planted:	25736	% County:	8.4	Total pounds:	43208
Lincoln, WA	County Acres: 1,497,323					
	Alfalfa hay	15972	100%	2.46	1	39291
	Barley	102415	100%	1.54	1	157719
	Potatoes (excluding sweet	771	100%	4.30	1	3315
	Total Acres Planted:	119158	% County:	8.0	Total pounds:	200325
Nez Perce, ID	County Acres: 548,051					
	Alfalfa hay	6262	100%	2.46	1	15405
	Apples	9	100%	14.40	1	130
	Apricots	1	100%	10.00	1	10
	Barley	21134	100%	1.54	1	32546
	Beans, dry edible, excluding dry	4561	100%	1.78	1	8119
	Total Acres Planted:	31967	% County:	5.8	Total pounds:	56210
Shoshone, ID	County Acres: 1,686,693					
	Alfalfa hay	167	100%	2.46	1	411
	Total Acres Planted:	167	% County:	0.0	Total pounds:	411
Spokane, WA	County Acres: 1,139,614					
	Alfalfa hay	35493	100%	2.46	1	87313
	Apples	227	100%	14.40	1	3269
	Apricots	11	100%	10.00	1	110
	Barley	43927	100%	1.54	1	67648
	Carrots	34	100%	2.30	1	78
	Corn for silage or green chop	128	100%	1.25	1	160
	Grapes	3	100%	2.79	1	8
	Lettuce and romaine	1	100%	2.00	1	2
	Raspberries	15	100%	4.50	1	68
	Strawberries	30	100%	10.00	1	300
	Total Acres Planted:	79869	% County:	7.0	Total pounds:	158956

Table G-6: Snake River Fall Run - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Union, OR	County Acres: 1,304,649					
	Alfalfa hay	25818	100%	2.46	1	63512
	Apples	39	100%	14.40	1	562
	Barley	7617	100%	1.54	1	11730
	Beans, dry edible, excluding dry	661	100%	1.78	1	1177
	Mint for oil	9226	100%	1.84	1	16976
	Potatoes (excluding sweet	660	100%	4.30	1	2838
	Sugar beets for sugar	1035	100%	2.00	1	2070
	Total Acres Planted:	45056	% County:	3.5	Total pounds:	98865
Valley, ID	County Acres: 2,389,283					
	Alfalfa hay	1599	100%	2.46	1	3934
	Potatoes (excluding sweet	225	100%	4.30	1	968
	Total Acres Planted:	1824	% County:	0.1	Total pounds:	4902
Walla Walla, WA	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa hay	18253	100%	2.46	1	44902
	Apples	8	100%	14.40	1	115
	Barley	8796	100%	1.54	1	13546
	Total Acres Planted:	27057	% County:	1.3	Total pounds:	58563
Whitman, WA	County Acres: 1,393,558					
	Alfalfa hay	6644	100%	2.46	1	16344
	Apples	19	100%	14.40	1	274
	Barley	160110	100%	1.54	1	246569
	Beans, dry edible, excluding dry	1283	100%	1.78	1	2284
	Total Acres Planted:	168056	% County:	12.1	Total pounds:	265471

Table G-6: Snake River Fall Run - Chinook

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 Snake River Fall Run - Chinook:</i>			2,172,707
<i>ESU</i>	39,702,778	<i>% ESU Potentially Treated:</i>	2.41

Table G-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 hay	32053	100%	2.46	1	78850
		Apples	50	100%	14.40	1	720
		Apricots	4	100%	10.00	1	40
		Barley	1953	100%	1.54	1	3008
		Corn for silage or green chop	489	100%	1.25	1	611
		Potatoes (excluding sweet	3356	100%	4.30	1	14431
		Total Acres Planted:	37905	% County:	1.9	Total pounds:	97660
Blaine, ID		County Acres: 1,702,832					
		Alfalfa hay	17425	100%	2.46	1	42866
		Barley	17270	100%	1.54	1	26596
		Potatoes (excluding sweet	848	100%	4.30	1	3646
		Total Acres Planted:	35543	% County:	2.1	Total pounds:	73108
Total pounds affecting the Habitat residency of Snake River Spring/Summer Run - Chinook:						170,768	
ESU	40,292,564	% ESU Potentially Treated:		0.18			
Migration Residency							
Benton, WA		County Acres: 1,126,434					
		Alfalfa hay	13241	100%	2.46	1	32573
		Apples	18425	100%	14.40	1	265320
		Apricots	174	100%	10.00	1	1740
		Asparagus	1638	100%	1.27	1	2080
		Barley	435	100%	1.54	1	670
		Corn for silage or green chop	357	100%	1.25	1	446
		Grapes	15929	100%	2.79	1	44442
		Onions, dry	3398	100%	2.00	1	6796
		Potatoes (excluding sweet	25317	100%	4.30	1	108863
		Sugar beets for sugar	4284	100%	2.00	1	8568
		Walnuts, English	41	100%	15.33	1	629
		Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127
Clark, WA		County Acres: 419,976					
		Alfalfa hay	836	100%	2.46	1	2057
		Apples	33	100%	14.40	1	475
		Barley	830	100%	1.54	1	1278
		Blueberries, tame	85	100%	2.50	1	212
		Corn for silage or green chop	1730	100%	1.25	1	2162
		Grapes	32	100%	2.79	1	89

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

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Raspberries	634	100%	4.50	1	2853
	Strawberries	162	100%	10.00	1	1620
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR	County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036
	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA	County Acres: 746,443					
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Gilliam, OR	County Acres: 782,606					
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Hood River, OR	County Acres: 341,471					
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222

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

<i>Migration Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Morrow, OR	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Sherman, OR	County Acres: 531,994					
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR	County Acres: 2,067,898					
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185

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

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wasco, OR	County Acres: 1,532,952					
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Total pounds affecting the Migration residency of Snake River Spring/Summer Run - Chinook:						1,274,802
ESU	40,292,564	% ESU Potentially Treated: 0.88				
Spawning and Growth Residency						
Adams, ID	County Acres: 876,768					
	Alfalfa hay	9223	100%	2.46	1	22689
	Barley	312	100%	1.54	1	480
	Total Acres Planted:	9535	% County:	1.1	Total pounds:	23169
Asotin, WA	County Acres: 410,008					
	Alfalfa hay	1648	100%	2.46	1	4054
	Apples	24	100%	14.40	1	346
	Apricots	5	100%	10.00	1	50

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

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth	Residency					
	Barley	10205	100%	1.54	1	15716
	Total Acres Planted:	11882	% County:	2.9	Total pounds:	20166
Columbia, WA	County Acres:	559,019				
	Alfalfa hay	1780	100%	2.46	1	4379
	Barley	17547	100%	1.54	1	27022
	Total Acres Planted:	19327	% County:	3.5	Total pounds:	31401
Custer, ID	County Acres:	3,159,338				
	Alfalfa hay	24467	100%	2.46	1	60189
	Barley	2386	100%	1.54	1	3674
	Potatoes (excluding sweet	507	100%	4.30	1	2180
	Total Acres Planted:	27360	% County:	0.9	Total pounds:	66043
Franklin, WA	County Acres:	809,780				
	Alfalfa hay	70943	100%	2.46	1	174520
	Alfalfa, seed	967	100%	1.25	1	1209
	Apples	9000	100%	14.40	1	129600
	Apricots	68	100%	10.00	1	680
	Asparagus	8610	100%	1.27	1	10935
	Beans, dry edible, excluding dry	2470	100%	1.78	1	4397
	Carrots	3574	100%	2.30	1	8220
	Corn for silage or green chop	1257	100%	1.25	1	1571
	Grapes	2813	100%	2.79	1	7848
	Mint for oil	1586	100%	1.84	1	2918
	Onions, dry	4074	100%	2.00	1	8148
	Potatoes (excluding sweet	35770	100%	4.30	1	153811
	Raspberries	70	100%	4.50	1	315
	Strawberries	17	100%	10.00	1	170
	Total Acres Planted:	141219	% County:	17.4	Total pounds:	504342
Garfield, WA	County Acres:	459,595				
	Alfalfa hay	802	100%	2.46	1	1973
	Barley	36082	100%	1.54	1	55566
	Total Acres Planted:	36884	% County:	8.0	Total pounds:	57539
Idaho, ID	County Acres:	5,441,871				
	Alfalfa hay	20266	100%	2.46	1	49854
	Apples	6	100%	14.40	1	86
	Barley	28872	100%	1.54	1	44463
	Corn for silage or green chop	117	100%	1.25	1	146
	Grapes	1	100%	2.79	1	3
	Total Acres Planted:	49262	% County:	0.9	Total pounds:	94552

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

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Lemhi, ID	County Acres: 2,924,332					
	Alfalfa hay	28143	100%	2.46	1	69232
	Apples	6	100%	14.40	1	86
	Barley	487	100%	1.54	1	750
	Total Acres Planted:	28636	% County:	1.0	Total pounds:	70068
Lewis, ID	County Acres: 307,061					
	Alfalfa hay	3885	100%	2.46	1	9557
	Barley	21851	100%	1.54	1	33651
	Total Acres Planted:	25736	% County:	8.4	Total pounds:	43208
Nez Perce, ID	County Acres: 548,051					
	Alfalfa hay	6262	100%	2.46	1	15405
	Apples	9	100%	14.40	1	130
	Apricots	1	100%	10.00	1	10
	Barley	21134	100%	1.54	1	32546
	Beans, dry edible, excluding dry	4561	100%	1.78	1	8119
	Total Acres Planted:	31967	% County:	5.8	Total pounds:	56210
Union, OR	County Acres: 1,304,649					
	Alfalfa hay	25818	100%	2.46	1	63512
	Apples	39	100%	14.40	1	562
	Barley	7617	100%	1.54	1	11730
	Beans, dry edible, excluding dry	661	100%	1.78	1	1177
	Mint for oil	9226	100%	1.84	1	16976
	Potatoes (excluding sweet	660	100%	4.30	1	2838
	Sugar beets for sugar	1035	100%	2.00	1	2070
	Total Acres Planted:	45056	% County:	3.5	Total pounds:	98865
Valley, ID	County Acres: 2,389,283					
	Alfalfa hay	1599	100%	2.46	1	3934
	Potatoes (excluding sweet	225	100%	4.30	1	968
	Total Acres Planted:	1824	% County:	0.1	Total pounds:	4902
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa hay	18253	100%	2.46	1	44902
	Apples	8	100%	14.40	1	115
	Barley	8796	100%	1.54	1	13546
	Total Acres Planted:	27057	% County:	1.3	Total pounds:	58563
Whitman, WA	County Acres: 1,393,558					
	Alfalfa hay	6644	100%	2.46	1	16344
	Apples	19	100%	14.40	1	274

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

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Barley		160110	100%	1.54	1	246569
Beans, dry edible, excluding dry		1283	100%	1.78	1	2284
Total Acres Planted:		168056	% County:	12.1	Total pounds:	265471
Total pounds affecting the Spawning and Growth residency of Snake River Spring/Summer Run - Chinook:						1,394,497
ESU	40,292,564	% ESU Potentially Treated:		1.54		

Table G-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 hay	836	100%	2.46	1	2057	
Apples	33	100%	14.40	1	475	
Barley	830	100%	1.54	1	1278	
Blueberries, tame	85	100%	2.50	1	212	
Corn for silage or green chop	1730	100%	1.25	1	2162	
Grapes	32	100%	2.79	1	89	
Raspberries	634	100%	4.50	1	2853	
Strawberries	162	100%	10.00	1	1620	
Walnuts, English	51	100%	15.33	1	782	
Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528	
Columbia, OR						
	County Acres: 436,345					
Alfalfa hay	421	100%	2.46	1	1036	
Apples	39	100%	14.40	1	562	
Blueberries, tame	101	100%	2.50	1	252	
Grapes	6	100%	2.79	1	17	
Raspberries	1	100%	4.50	1	4	
Strawberries	6	100%	10.00	1	60	
Walnuts, English	11	100%	15.33	1	169	
Total Acres Planted:	585	% County:	0.1	Total pounds:	2100	
Cowlitz, WA						
	County Acres: 746,443					
Alfalfa hay	105	100%	2.46	1	258	
Apples	14	100%	14.40	1	202	
Corn for silage or green chop	460	100%	1.25	1	575	
Raspberries	439	100%	4.50	1	1976	
Walnuts, English	5	100%	15.33	1	77	
Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088	
Franklin, WA						
	County Acres: 809,780					
Alfalfa hay	70943	100%	2.46	1	174520	
Alfalfa, seed	967	100%	1.25	1	1209	
Apples	9000	100%	14.40	1	129600	
Apricots	68	100%	10.00	1	680	
Asparagus	8610	100%	1.27	1	10935	
Beans, dry edible, excluding dry	2470	100%	1.78	1	4397	
Carrots	3574	100%	2.30	1	8220	
Corn for silage or green chop	1257	100%	1.25	1	1571	
Grapes	2813	100%	2.79	1	7848	
Mint for oil	1586	100%	1.84	1	2918	
Onions, dry	4074	100%	2.00	1	8148	

Table G-8: Upper Columbia - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Potatoes (excluding sweet	35770	100%	4.30	1	153811
	Raspberries	70	100%	4.50	1	315
	Strawberries	17	100%	10.00	1	170
	Total Acres Planted:	141219	% County:	17.4	Total pounds:	504342
<i>Gilliam, OR</i>						
	County Acres:	782,606				
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
<i>Hood River, OR</i>						
	County Acres:	341,471				
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
<i>Klickitat, WA</i>						
	County Acres:	1,218,633				
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
<i>Morrow, OR</i>						
	County Acres:	1,311,041				
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
<i>Multnomah, OR</i>						
	County Acres:	298,018				
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445

Table G-8: Upper Columbia - Chinook

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA						
	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Sherman, OR						
	County Acres: 531,994					
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA						
	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR						
	County Acres: 2,067,898					
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA						
	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659

Table G-8: Upper Columbia - Chinook

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wasco, OR						
	County Acres: 1,532,952					
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Yakima, WA						
	County Acres: 2,759,373					
	Alfalfa hay	33833	100%	2.46	1	83229
	Apples	75264	100%	14.40	1	1083802
	Apricots	285	100%	10.00	1	2850
	Asparagus	7034	100%	1.27	1	8933
	Barley	502	100%	1.54	1	773
	Beans, dry edible, excluding dry	2145	100%	1.78	1	3818
	Corn for silage or green chop	11373	100%	1.25	1	14216
	Grapes	15529	100%	2.79	1	43326
	Mint for oil	12577	100%	1.84	1	23142
	Potatoes (excluding sweet	1929	100%	4.30	1	8295
	Raspberries	10	100%	4.50	1	45
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	160492	% County:	5.8	Total pounds:	1272598
Total pounds affecting the Migration residency of Upper Columbia - Chinook:						2,579,614
ESU	27,361,604	% ESU Potentially Treated: 2.09				
Spawning and Growth Residency						
Benton, WA						
	County Acres: 1,126,434					
	Alfalfa hay	13241	100%	2.46	1	32573
	Apples	18425	100%	14.40	1	265320
	Apricots	174	100%	10.00	1	1740
	Asparagus	1638	100%	1.27	1	2080
	Barley	435	100%	1.54	1	670
	Corn for silage or green chop	357	100%	1.25	1	446
	Grapes	15929	100%	2.79	1	44442
	Onions, dry	3398	100%	2.00	1	6796
	Potatoes (excluding sweet	25317	100%	4.30	1	108863
	Sugar beets for sugar	4284	100%	2.00	1	8568

Table G-8: Upper Columbia - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:	
Spawning and Growth	Residency						
	Walnuts, English	41	100%	15.33	1	629	
	Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127	
Chelan, WA	County Acres: 1,915,872						
	Alfalfa hay	1210	100%	2.46	1	2977	
	Apples	17096	100%	14.40	1	246182	
	Apricots	81	100%	10.00	1	810	
	Total Acres Planted:	18387	% County:	1.0	Total pounds:	249969	
Douglas, WA	County Acres: 1,183,088						
	Alfalfa hay	1763	100%	2.46	1	4337	
	Apples	14383	100%	14.40	1	207115	
	Apricots	315	100%	10.00	1	3150	
	Barley	2751	100%	1.54	1	4237	
	Total Acres Planted:	19212	% County:	1.6	Total pounds:	218839	
Grant, WA	County Acres: 1,786,322						
	Alfalfa hay	115509	100%	2.46	1	284152	
	Alfalfa, seed	4742	100%	1.25	1	5928	
	Apples	33615	100%	14.40	1	484056	
	Apricots	266	100%	10.00	1	2660	
	Asparagus	940	100%	1.27	1	1194	
	Barley	6548	100%	1.54	1	10084	
	Beans, dry edible, excluding dry	17353	100%	1.78	1	30888	
	Carrots	2207	100%	2.30	1	5076	
	Corn for silage or green chop	5170	100%	1.25	1	6462	
	Grapes	3132	100%	2.79	1	8738	
	Mint for oil	15610	100%	1.84	1	28722	
	Onions, dry	6214	100%	2.00	1	12428	
	Potatoes (excluding sweet	44263	100%	4.30	1	190331	
	Raspberries	1	100%	4.50	1	4	
	Strawberries	2	100%	10.00	1	20	
	Sugar beets for sugar	10792	100%	2.00	1	21584	
	Walnuts, English	5	100%	15.33	1	77	
		Total Acres Planted:	266369	% County:	14.9	Total pounds:	1092404
	Kittitas, WA	County Acres: 1,493,167					
Alfalfa hay		8571	100%	2.46	1	21085	
Apples		1859	100%	14.40	1	26770	
Barley		135	100%	1.54	1	208	
Corn for silage or green chop		110	100%	1.25	1	138	
Mint for oil		409	100%	1.84	1	753	
Potatoes (excluding sweet		442	100%	4.30	1	1901	

Table G-8: Upper Columbia - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		11526	% County:	0.8	Total pounds:	50855
Okanogan, WA	County Acres: 3,401,101					
Alfalfa hay	21880	100%	2.46	1	53825	
Apples	24164	100%	14.40	1	347962	
Apricots	13	100%	10.00	1	130	
Barley	614	100%	1.54	1	946	
Broccoli	1	100%	2.54	1	3	
Carrots	1	100%	2.30	1	2	
Raspberries	1	100%	4.50	1	4	
Walnuts, English	29	100%	15.33	1	445	
Total Acres Planted:		46703	% County:	1.4	Total pounds:	403317
Total pounds affecting the Spawning and Growth residency of Upper Columbia - Chinook:						2,487,508
ESU	27,361,604	% ESU Potentially Treated:		1.62		

Table G-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Upper Willamette - Chinook						
Habitat Residency						
Lincoln, OR		County Acres: 629,153				
	Apples	22	100%	14.40	1	317
	Broccoli	1	100%	2.54	1	3
	Grapes	1	100%	2.79	1	3
	Lettuce and romaine	1	100%	2.00	1	2
	Raspberries	3	100%	4.50	1	14
	Total Acres Planted:	28	% County:	0.0	Total pounds:	339
Total pounds affecting the Habitat residency of Upper Willamette - Chinook:						338
ESU	16,017,795	% ESU Potentially Treated: 1.74				
Migration Residency						
Clark, WA		County Acres: 419,976				
	Alfalfa hay	836	100%	2.46	1	2057
	Apples	33	100%	14.40	1	475
	Barley	830	100%	1.54	1	1278
	Blueberries, tame	85	100%	2.50	1	212
	Corn for silage or green chop	1730	100%	1.25	1	2162
	Grapes	32	100%	2.79	1	89
	Raspberries	634	100%	4.50	1	2853
	Strawberries	162	100%	10.00	1	1620
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR						
	County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036
	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA						
	County Acres: 746,443					
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77

Table G-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Total pounds affecting the Migration residency of Upper Willamette - Chinook:						26,208
ESU	16,017,795	% ESU Potentially Treated: 5.24				
Spawning and Growth Residency						
Benton, OR	County Acres: 434,536					
	Alfalfa hay	570	100%	2.46	1	1402
	Apples	62	100%	14.40	1	893
	Blueberries, tame	109	100%	2.50	1	272
	Corn for silage or green chop	525	100%	1.25	1	656
	Grapes	242	100%	2.79	1	675
	Lettuce and romaine	10	100%	2.00	1	20
	Mint for oil	2925	100%	1.84	1	5382
	Onions, dry	3	100%	2.00	1	6
	Potatoes (excluding sweet	3	100%	4.30	1	13
	Raspberries	2	100%	4.50	1	9
	Strawberries	17	100%	10.00	1	170
	Walnuts, English	23	100%	15.33	1	353
	Total Acres Planted:	4491	% County:	1.0	Total pounds:	9851
Clackamas, OR	County Acres: 1,202,554					
	Alfalfa hay	1072	100%	2.46	1	2637

Table G-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
	Apples	167	100%	14.40	1	2405
	Barley	259	100%	1.54	1	399
	Beans, dry edible, excluding dry	3	100%	1.78	1	5
	Blueberries, tame	334	100%	2.50	1	835
	Broccoli	184	100%	2.54	1	467
	Corn for silage or green chop	721	100%	1.25	1	901
	Grapes	207	100%	2.79	1	578
	Lettuce and romaine	132	100%	2.00	1	264
	Potatoes (excluding sweet	1	100%	4.30	1	4
	Raspberries	1435	100%	4.50	1	6458
	Strawberries	608	100%	10.00	1	6080
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	5174	% County:	0.4	Total pounds:	21815
Douglas, OR						
	County Acres: 3,244,601					
	Alfalfa hay	1984	100%	2.46	1	4881
	Apples	148	100%	14.40	1	2131
	Apricots	1	100%	10.00	1	10
	Blueberries, tame	108	100%	2.50	1	270
	Broccoli	3	100%	2.54	1	8
	Grapes	581	100%	2.79	1	1621
	Lettuce and romaine	1	100%	2.00	1	2
	Raspberries	14	100%	4.50	1	63
	Strawberries	24	100%	10.00	1	240
	Walnuts, English	171	100%	15.33	1	2621
	Total Acres Planted:	3035	% County:	0.1	Total pounds:	11847
Lane, OR						
	County Acres: 2,953,478					
	Alfalfa hay	876	100%	2.46	1	2155
	Apples	174	100%	14.40	1	2506
	Barley	147	100%	1.54	1	226
	Blueberries, tame	74	100%	2.50	1	185
	Broccoli	5	100%	2.54	1	13
	Carrots	270	100%	2.30	1	621
	Corn for silage or green chop	500	100%	1.25	1	625
	Grapes	631	100%	2.79	1	1760
	Lettuce and romaine	15	100%	2.00	1	30
	Mint for oil	5350	100%	1.84	1	9844
	Onions, dry	3	100%	2.00	1	6
	Potatoes (excluding sweet	9	100%	4.30	1	39
	Raspberries	20	100%	4.50	1	90
	Strawberries	74	100%	10.00	1	740
	Walnuts, English	105	100%	15.33	1	1610

Table G-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		8253	% County:	0.3	Total pounds:	20450
Linn, OR	County Acres: 1,477,826					
Alfalfa hay	2507	100%	2.46	1	6167	
Apples	133	100%	14.40	1	1915	
Blueberries, tame	58	100%	2.50	1	145	
Broccoli	267	100%	2.54	1	678	
Corn for silage or green chop	1972	100%	1.25	1	2465	
Grapes	93	100%	2.79	1	259	
Mint for oil	4105	100%	1.84	1	7553	
Onions, dry	1	100%	2.00	1	2	
Raspberries	387	100%	4.50	1	1742	
Strawberries	52	100%	10.00	1	520	
Walnuts, English	55	100%	15.33	1	843	
Total Acres Planted:		9630	% County:	0.7	Total pounds:	22289
Marion, OR	County Acres: 764,860					
Alfalfa hay	1315	100%	2.46	1	3235	
Apples	555	100%	14.40	1	7992	
Barley	134	100%	1.54	1	206	
Blueberries, tame	545	100%	2.50	1	1362	
Broccoli	2548	100%	2.54	1	6472	
Carrots	76	100%	2.30	1	175	
Celery	32	100%	1.84	1	59	
Corn for silage or green chop	2142	100%	1.25	1	2678	
Grapes	761	100%	2.79	1	2123	
Mint for oil	3695	100%	1.84	1	6799	
Onions, dry	2036	100%	2.00	1	4072	
Raspberries	546	100%	4.50	1	2457	
Strawberries	1858	100%	10.00	1	18580	
Walnuts, English	155	100%	15.33	1	2376	
Total Acres Planted:		16398	% County:	2.1	Total pounds:	58586
Polk, OR	County Acres: 476,251					
Alfalfa hay	774	100%	2.46	1	1904	
Apples	157	100%	14.40	1	2261	
Barley	379	100%	1.54	1	584	
Blueberries, tame	21	100%	2.50	1	52	
Corn for silage or green chop	1472	100%	1.25	1	1840	
Grapes	1123	100%	2.79	1	3133	
Mint for oil	2448	100%	1.84	1	4504	
Strawberries	22	100%	10.00	1	220	
Walnuts, English	33	100%	15.33	1	506	

Table G-9: Upper Willamette - Chinook

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Total Acres Planted:		6429	% County:	1.3	Total pounds:	15004
Washington, OR	County Acres: 464,874					
	Alfalfa hay	1680	100%	2.46	1	4133
	Apples	279	100%	14.40	1	4018
	Barley	153	100%	1.54	1	236
	Blueberries, tame	654	100%	2.50	1	1635
	Broccoli	400	100%	2.54	1	1016
	Carrots	1	100%	2.30	1	2
	Corn for silage or green chop	3193	100%	1.25	1	3991
	Grapes	989	100%	2.79	1	2759
	Lettuce and romaine	3	100%	2.00	1	6
	Onions, dry	196	100%	2.00	1	392
	Raspberries	1150	100%	4.50	1	5175
	Strawberries	1257	100%	10.00	1	12570
	Walnuts, English	679	100%	15.33	1	10409
Total Acres Planted:		10634	% County:	2.3	Total pounds:	46342
Yamhill, OR	County Acres: 459,752					
	Alfalfa hay	2294	100%	2.46	1	5643
	Apples	310	100%	14.40	1	4464
	Barley	380	100%	1.54	1	585
	Blueberries, tame	324	100%	2.50	1	810
	Broccoli	308	100%	2.54	1	782
	Corn for silage or green chop	2173	100%	1.25	1	2716
	Grapes	2887	100%	2.79	1	8055
	Potatoes (excluding sweet	1	100%	4.30	1	4
	Raspberries	114	100%	4.50	1	513
	Strawberries	265	100%	10.00	1	2650
	Walnuts, English	608	100%	15.33	1	9321
Total Acres Planted:		9664	% County:	2.1	Total pounds:	35543
Total pounds affecting the Spawning and Growth residency of Upper Willamette - Chinook:						241,729
ESU	16,017,795	% ESU Potentially Treated: 0.46				

Table G-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 hay	836	100%	2.46	1	2057	
	Apples	33	100%	14.40	1	475	
	Barley	830	100%	1.54	1	1278	
	Blueberries, tame	85	100%	2.50	1	212	
	Corn for silage or green chop	1730	100%	1.25	1	2162	
	Grapes	32	100%	2.79	1	89	
	Raspberries	634	100%	4.50	1	2853	
	Strawberries	162	100%	10.00	1	1620	
	Walnuts, English	51	100%	15.33	1	782	
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528	
Columbia, OR		County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036	
	Apples	39	100%	14.40	1	562	
	Blueberries, tame	101	100%	2.50	1	252	
	Grapes	6	100%	2.79	1	17	
	Raspberries	1	100%	4.50	1	4	
	Strawberries	6	100%	10.00	1	60	
	Walnuts, English	11	100%	15.33	1	169	
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100	
Cowlitz, WA		County Acres: 746,443					
	Alfalfa hay	105	100%	2.46	1	258	
	Apples	14	100%	14.40	1	202	
	Corn for silage or green chop	460	100%	1.25	1	575	
	Raspberries	439	100%	4.50	1	1976	
	Walnuts, English	5	100%	15.33	1	77	
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088	
Lewis, WA		County Acres: 1,559,171					
	Alfalfa hay	937	100%	2.46	1	2305	
	Apples	77	100%	14.40	1	1109	
	Barley	873	100%	1.54	1	1344	
	Blueberries, tame	137	100%	2.50	1	342	
	Corn for silage or green chop	746	100%	1.25	1	932	
	Grapes	4	100%	2.79	1	11	
	Walnuts, English	4	100%	15.33	1	61	
	Total Acres Planted:	2778	% County:	0.2	Total pounds:	6104	
Multnomah, OR		County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957	

Table G-10: Columbia River - Chum

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Washington, OR	County Acres: 464,874					
	Alfalfa hay	1680	100%	2.46	1	4133
	Apples	279	100%	14.40	1	4018
	Barley	153	100%	1.54	1	236
	Blueberries, tame	654	100%	2.50	1	1635
	Broccoli	400	100%	2.54	1	1016
	Carrots	1	100%	2.30	1	2
	Corn for silage or green chop	3193	100%	1.25	1	3991
	Grapes	989	100%	2.79	1	2759
	Lettuce and romaine	3	100%	2.00	1	6
	Onions, dry	196	100%	2.00	1	392
	Raspberries	1150	100%	4.50	1	5175
	Strawberries	1257	100%	10.00	1	12570
	Walnuts, English	679	100%	15.33	1	10409
	Total Acres Planted:	10634	% County:	2.3	Total pounds:	46342

Total pounds affecting the Habitat residency of Columbia River - Chum: 80,140

ESU 6,292,479 % *ESU Potentially Treated:* 0.35

Table G-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 hay	1790	100%	2.46	1	4403	
Apples	29	100%	14.40	1	418	
Barley	453	100%	1.54	1	698	
Corn for silage or green chop	79	100%	1.25	1	99	
Grapes	4	100%	2.79	1	11	
Strawberries	13	100%	10.00	1	130	
Total Acres Planted:	2368	% County:	0.2	Total pounds:	5759	
Island, WA						
County Acres: 134,556						
Alfalfa hay	2100	100%	2.46	1	5166	
Apples	18	100%	14.40	1	259	
Barley	487	100%	1.54	1	750	
Corn for silage or green chop	850	100%	1.25	1	1062	
Grapes	14	100%	2.79	1	39	
Total Acres Planted:	3469	% County:	2.6	Total pounds:	7276	
Jefferson, WA						
County Acres: 1,161,131						
Apples	5	100%	14.40	1	72	
Raspberries	2	100%	4.50	1	9	
Total Acres Planted:	7	% County:	0.0	Total pounds:	81	
Kitsap, WA						
County Acres: 254,292						
Apples	21	100%	14.40	1	302	
Blueberries, tame	5	100%	2.50	1	12	
Carrots	1	100%	2.30	1	2	
Grapes	8	100%	2.79	1	22	
Lettuce and romaine	3	100%	2.00	1	6	
Potatoes (excluding sweet	2	100%	4.30	1	9	
Raspberries	9	100%	4.50	1	40	
Strawberries	7	100%	10.00	1	70	
Total Acres Planted:	56	% County:	0.0	Total pounds:	463	
Mason, WA						
County Acres: 621,592						
Alfalfa hay	125	100%	2.46	1	308	
Apples	5	100%	14.40	1	72	
Blueberries, tame	1	100%	2.50	1	2	
Total Acres Planted:	131	% County:	0.0	Total pounds:	382	

Table G-11: Hood Canal Summer Run - Chum

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>						
<i>Total pounds affecting the Habitat residency of Hood Canal Summer Run - Chum:</i>						<i>13,963</i>
<i>ESU</i>	<i>3,312,830</i>	<i>% ESU Potentially Treated:</i>		<i>0.18</i>		

Table G-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 hay	570	100%	2.46	1	1402	
	Apples	62	100%	14.40	1	893	
	Blueberries, tame	109	100%	2.50	1	272	
	Corn for silage or green chop	525	100%	1.25	1	656	
	Grapes	242	100%	2.79	1	675	
	Lettuce and romaine	10	100%	2.00	1	20	
	Mint for oil	2925	100%	1.84	1	5382	
	Onions, dry	3	100%	2.00	1	6	
	Potatoes (excluding sweet	3	100%	4.30	1	13	
	Raspberries	2	100%	4.50	1	9	
	Strawberries	17	100%	10.00	1	170	
	Walnuts, English	23	100%	15.33	1	353	
	Total Acres Planted:	4491	% County:	1.0	Total pounds:	9851	
Columbia, OR							
	County Acres: 436,345						
	Alfalfa hay	421	100%	2.46	1	1036	
	Apples	39	100%	14.40	1	562	
	Blueberries, tame	101	100%	2.50	1	252	
	Grapes	6	100%	2.79	1	17	
	Raspberries	1	100%	4.50	1	4	
	Strawberries	6	100%	10.00	1	60	
	Walnuts, English	11	100%	15.33	1	169	
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100	
Coos, OR							
	County Acres: 1,040,931						
	Apples	28	100%	14.40	1	403	
	Blueberries, tame	9	100%	2.50	1	22	
	Corn for silage or green chop	203	100%	1.25	1	254	
	Grapes	12	100%	2.79	1	33	
	Walnuts, English	1	100%	15.33	1	15	
	Total Acres Planted:	253	% County:	0.0	Total pounds:	727	
Curry, OR							
	County Acres: 1,045,786						
	Apples	27	100%	14.40	1	389	
	Lettuce and romaine	1	100%	2.00	1	2	
	Strawberries	1	100%	10.00	1	10	
	Total Acres Planted:	29	% County:	0.0	Total pounds:	401	
Douglas, OR							
	County Acres: 3,244,601						
	Alfalfa hay	1984	100%	2.46	1	4881	
	Apples	148	100%	14.40	1	2131	

Table G-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Apricots	1	100%	10.00	1	10
	Blueberries, tame	108	100%	2.50	1	270
	Broccoli	3	100%	2.54	1	8
	Grapes	581	100%	2.79	1	1621
	Lettuce and romaine	1	100%	2.00	1	2
	Raspberries	14	100%	4.50	1	63
	Strawberries	24	100%	10.00	1	240
	Walnuts, English	171	100%	15.33	1	2621
	Total Acres Planted:	3035	% County:	0.1	Total pounds:	11847
Josephine, OR	County Acres: 1,050,607					
	Alfalfa hay	1143	100%	2.46	1	2812
	Apples	181	100%	14.40	1	2606
	Broccoli	2	100%	2.54	1	5
	Carrots	4	100%	2.30	1	9
	Grapes	355	100%	2.79	1	990
	Lettuce and romaine	1	100%	2.00	1	2
	Onions, dry	1	100%	2.00	1	2
	Potatoes (excluding sweet	7	100%	4.30	1	30
	Raspberries	2	100%	4.50	1	9
	Strawberries	3	100%	10.00	1	30
	Walnuts, English	18	100%	15.33	1	276
	Total Acres Planted:	1717	% County:	0.2	Total pounds:	6771
Lane, OR	County Acres: 2,953,478					
	Alfalfa hay	876	100%	2.46	1	2155
	Apples	174	100%	14.40	1	2506
	Barley	147	100%	1.54	1	226
	Blueberries, tame	74	100%	2.50	1	185
	Broccoli	5	100%	2.54	1	13
	Carrots	270	100%	2.30	1	621
	Corn for silage or green chop	500	100%	1.25	1	625
	Grapes	631	100%	2.79	1	1760
	Lettuce and romaine	15	100%	2.00	1	30
	Mint for oil	5350	100%	1.84	1	9844
	Onions, dry	3	100%	2.00	1	6
	Potatoes (excluding sweet	9	100%	4.30	1	39
	Raspberries	20	100%	4.50	1	90
	Strawberries	74	100%	10.00	1	740
	Walnuts, English	105	100%	15.33	1	1610
	Total Acres Planted:	8253	% County:	0.3	Total pounds:	20450
Lincoln, OR	County Acres: 629,153					
	Apples	22	100%	14.40	1	317

Table G-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Broccoli	1	100%	2.54	1	3
	Grapes	1	100%	2.79	1	3
	Lettuce and romaine	1	100%	2.00	1	2
	Raspberries	3	100%	4.50	1	14
	Total Acres Planted:	28	% County:	0.0	Total pounds:	339
Polk, OR	County Acres: 476,251					
	Alfalfa hay	774	100%	2.46	1	1904
	Apples	157	100%	14.40	1	2261
	Barley	379	100%	1.54	1	584
	Blueberries, tame	21	100%	2.50	1	52
	Corn for silage or green chop	1472	100%	1.25	1	1840
	Grapes	1123	100%	2.79	1	3133
	Mint for oil	2448	100%	1.84	1	4504
	Strawberries	22	100%	10.00	1	220
	Walnuts, English	33	100%	15.33	1	506
	Total Acres Planted:	6429	% County:	1.3	Total pounds:	15004
Washington, OR	County Acres: 464,874					
	Alfalfa hay	1680	100%	2.46	1	4133
	Apples	279	100%	14.40	1	4018
	Barley	153	100%	1.54	1	236
	Blueberries, tame	654	100%	2.50	1	1635
	Broccoli	400	100%	2.54	1	1016
	Carrots	1	100%	2.30	1	2
	Corn for silage or green chop	3193	100%	1.25	1	3991
	Grapes	989	100%	2.79	1	2759
	Lettuce and romaine	3	100%	2.00	1	6
	Onions, dry	196	100%	2.00	1	392
	Raspberries	1150	100%	4.50	1	5175
	Strawberries	1257	100%	10.00	1	12570
	Walnuts, English	679	100%	15.33	1	10409
	Total Acres Planted:	10634	% County:	2.3	Total pounds:	46342
Yamhill, OR	County Acres: 459,752					
	Alfalfa hay	2294	100%	2.46	1	5643
	Apples	310	100%	14.40	1	4464
	Barley	380	100%	1.54	1	585
	Blueberries, tame	324	100%	2.50	1	810
	Broccoli	308	100%	2.54	1	782
	Corn for silage or green chop	2173	100%	1.25	1	2716
	Grapes	2887	100%	2.79	1	8055
	Potatoes (excluding sweet	1	100%	4.30	1	4
	Raspberries	114	100%	4.50	1	513

Table G-13: Oregon Coast - Coho

<i>Habitat Residency</i>	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Strawberries	265	100%	10.00	1	2650
	Walnuts, English	608	100%	15.33	1	9321
	Total Acres Planted:	9664	% County:	2.1	Total pounds:	35543

Total pounds affecting the Habitat residency of Oregon Coast - Coho: 149,376

ESU 13,480,118 % ESU Potentially Treated: 0.33

Table G-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				
Apples	27	100%	14.40	1	389	
Lettuce and romaine	1	100%	2.00	1	2	
Strawberries	1	100%	10.00	1	10	
Total Acres Planted:		29	% County:	0.0	Total pounds:	401
Douglas, OR		County Acres: 3,244,601				
Alfalfa hay	1984	100%	2.46	1	4881	
Apples	148	100%	14.40	1	2131	
Apricots	1	100%	10.00	1	10	
Blueberries, tame	108	100%	2.50	1	270	
Broccoli	3	100%	2.54	1	8	
Grapes	581	100%	2.79	1	1621	
Lettuce and romaine	1	100%	2.00	1	2	
Raspberries	14	100%	4.50	1	63	
Strawberries	24	100%	10.00	1	240	
Walnuts, English	171	100%	15.33	1	2621	
Total Acres Planted:		3035	% County:	0.1	Total pounds:	11847
Jackson, OR		County Acres: 1,793,090				
Alfalfa hay	3954	100%	2.46	1	9727	
Apples	360	100%	14.40	1	5184	
Apricots	10	100%	10.00	1	100	
Barley	548	100%	1.54	1	844	
Blueberries, tame	11	100%	2.50	1	28	
Broccoli	1	100%	2.54	1	3	
Carrots	1	100%	2.30	1	2	
Corn for silage or green chop	247	100%	1.25	1	309	
Grapes	400	100%	2.79	1	1116	
Lettuce and romaine	8	100%	2.00	1	16	
Onions, dry	40	100%	2.00	1	80	
Raspberries	5	100%	4.50	1	22	
Strawberries	18	100%	10.00	1	180	
Walnuts, English	27	100%	15.33	1	414	
Total Acres Planted:		5630	% County:	0.3	Total pounds:	18025
Josephine, OR		County Acres: 1,050,607				
Alfalfa hay	1143	100%	2.46	1	2812	
Apples	181	100%	14.40	1	2606	
Broccoli	2	100%	2.54	1	5	
Carrots	4	100%	2.30	1	9	
Grapes	355	100%	2.79	1	990	

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

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>						
	Lettuce and romaine	1	100%	2.00	1	2
	Onions, dry	1	100%	2.00	1	2
	Potatoes (excluding sweet	7	100%	4.30	1	30
	Raspberries	2	100%	4.50	1	9
	Strawberries	3	100%	10.00	1	30
	Walnuts, English	18	100%	15.33	1	276
	Total Acres Planted:	1717	% County:	0.2	Total pounds:	6771
<i>Klamath, OR</i>						
	County Acres: 3,926,778					
	Alfalfa hay	61176	100%	2.46	1	150493
	Apples	8	100%	14.40	1	115
	Barley	23789	100%	1.54	1	36635
	Onions, dry	278	100%	2.00	1	556
	Potatoes (excluding sweet	8951	100%	4.30	1	38489
	Strawberries	17	100%	10.00	1	170
	Sugar beets for sugar	3499	100%	2.00	1	6998
	Total Acres Planted:	97718	% County:	2.5	Total pounds:	233456
<i>Total pounds affecting the Habitat residency of Southern OR/Northern CA coast - Coho:</i>						<i>270,500</i>
<i>ESU</i>	<i>19,153,948</i>	<i>% ESU Potentially Treated: 0.56</i>				

Table G-15: Ozette Lake - Sockeye

		Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Ozette Lake - Sockeye						
Habitat Residency						
Clallam, WA		County Acres: 1,141,259				
	Alfalfa hay	1790	100%	2.46	1	4403
	Apples	29	100%	14.40	1	418
	Barley	453	100%	1.54	1	698
	Corn for silage or green chop	79	100%	1.25	1	99
	Grapes	4	100%	2.79	1	11
	Strawberries	13	100%	10.00	1	130
	Total Acres Planted:	2368	% County:	0.2	Total pounds:	5759
Total pounds affecting the Habitat residency of Ozette Lake - Sockeye:						5,759
ESU	1,141,259	% ESU Potentially Treated: 0.20				

Table G-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 hay	1648	100%	2.46	1	4054	
	Apples	24	100%	14.40	1	346	
	Apricots	5	100%	10.00	1	50	
	Barley	10205	100%	1.54	1	15716	
	Total Acres Planted:	11882	% County:	2.9	Total pounds:	20166	
Benton, WA		County Acres: 1,126,434					
	Alfalfa hay	13241	100%	2.46	1	32573	
	Apples	18425	100%	14.40	1	265320	
	Apricots	174	100%	10.00	1	1740	
	Asparagus	1638	100%	1.27	1	2080	
	Barley	435	100%	1.54	1	670	
	Corn for silage or green chop	357	100%	1.25	1	446	
	Grapes	15929	100%	2.79	1	44442	
	Onions, dry	3398	100%	2.00	1	6796	
	Potatoes (excluding sweet	25317	100%	4.30	1	108863	
	Sugar beets for sugar	4284	100%	2.00	1	8568	
	Walnuts, English	41	100%	15.33	1	629	
	Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127	
Clark, WA		County Acres: 419,976					
	Alfalfa hay	836	100%	2.46	1	2057	
	Apples	33	100%	14.40	1	475	
	Barley	830	100%	1.54	1	1278	
	Blueberries, tame	85	100%	2.50	1	212	
	Corn for silage or green chop	1730	100%	1.25	1	2162	
	Grapes	32	100%	2.79	1	89	
	Raspberries	634	100%	4.50	1	2853	
	Strawberries	162	100%	10.00	1	1620	
	Walnuts, English	51	100%	15.33	1	782	
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528	
Columbia, OR		County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036	
	Apples	39	100%	14.40	1	562	
	Blueberries, tame	101	100%	2.50	1	252	
	Grapes	6	100%	2.79	1	17	
	Raspberries	1	100%	4.50	1	4	
	Strawberries	6	100%	10.00	1	60	
	Walnuts, English	11	100%	15.33	1	169	

Table G-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Columbia, WA	County Acres: 559,019					
	Alfalfa hay	1780	100%	2.46	1	4379
	Barley	17547	100%	1.54	1	27022
	Total Acres Planted:	19327	% County:	3.5	Total pounds:	31401
Cowlitz, WA	County Acres: 746,443					
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Franklin, WA	County Acres: 809,780					
	Alfalfa hay	70943	100%	2.46	1	174520
	Alfalfa, seed	967	100%	1.25	1	1209
	Apples	9000	100%	14.40	1	129600
	Apricots	68	100%	10.00	1	680
	Asparagus	8610	100%	1.27	1	10935
	Beans, dry edible, excluding dry	2470	100%	1.78	1	4397
	Carrots	3574	100%	2.30	1	8220
	Corn for silage or green chop	1257	100%	1.25	1	1571
	Grapes	2813	100%	2.79	1	7848
	Mint for oil	1586	100%	1.84	1	2918
	Onions, dry	4074	100%	2.00	1	8148
	Potatoes (excluding sweet	35770	100%	4.30	1	153811
	Raspberries	70	100%	4.50	1	315
	Strawberries	17	100%	10.00	1	170
	Total Acres Planted:	141219	% County:	17.4	Total pounds:	504342
Garfield, WA	County Acres: 459,595					
	Alfalfa hay	802	100%	2.46	1	1973
	Barley	36082	100%	1.54	1	55566
	Total Acres Planted:	36884	% County:	8.0	Total pounds:	57539
Gilliam, OR	County Acres: 782,606					
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Hood River, OR	County Acres: 341,471					

Table G-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Idaho, ID	County Acres: 5,441,871					
	Alfalfa hay	20266	100%	2.46	1	49854
	Apples	6	100%	14.40	1	86
	Barley	28872	100%	1.54	1	44463
	Corn for silage or green chop	117	100%	1.25	1	146
	Grapes	1	100%	2.79	1	3
	Total Acres Planted:	49262	% County:	0.9	Total pounds:	94552
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Lemhi, ID	County Acres: 2,924,332					
	Alfalfa hay	28143	100%	2.46	1	69232
	Apples	6	100%	14.40	1	86
	Barley	487	100%	1.54	1	750
	Total Acres Planted:	28636	% County:	1.0	Total pounds:	70068
Lewis, ID	County Acres: 307,061					
	Alfalfa hay	3885	100%	2.46	1	9557
	Barley	21851	100%	1.54	1	33651
	Total Acres Planted:	25736	% County:	8.4	Total pounds:	43208
Morrow, OR	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957

Table G-16: Snake River - Sockeye

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Nez Perce, ID	County Acres:	548,051				
	Alfalfa hay	6262	100%	2.46	1	15405
	Apples	9	100%	14.40	1	130
	Apricots	1	100%	10.00	1	10
	Barley	21134	100%	1.54	1	32546
	Beans, dry edible, excluding dry	4561	100%	1.78	1	8119
	Total Acres Planted:	31967	% County:	5.8	Total pounds:	56210
Pacific, WA	County Acres:	597,140				
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Sherman, OR	County Acres:	531,994				
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA	County Acres:	1,077,652				
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR	County Acres:	2,067,898				
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672

Table G-16: Snake River - Sockeye

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wallowa, OR	County Acres: 2,016,984					
	Alfalfa hay	18253	100%	2.46	1	44902
	Apples	8	100%	14.40	1	115
	Barley	8796	100%	1.54	1	13546
	Total Acres Planted:	27057	% County:	1.3	Total pounds:	58563
Wasco, OR	County Acres: 1,532,952					
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Whitman, WA	County Acres: 1,393,558					
	Alfalfa hay	6644	100%	2.46	1	16344
	Apples	19	100%	14.40	1	274
	Barley	160110	100%	1.54	1	246569
	Beans, dry edible, excluding dry	1283	100%	1.78	1	2284
	Total Acres Planted:	168056	% County:	12.1	Total pounds:	265471

Table G-16: Snake River - Sockeye

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
Total pounds affecting the Migration residency of Snake River - Sockeye:						2,476,321
ESU	33,745,328	% ESU Potentially Treated: 2.65				
Spawning and Growth Residency						
Blaine, ID	County Acres: 1,702,832					
	Alfalfa hay	17425	100%	2.46	1	42866
	Barley	17270	100%	1.54	1	26596
	Potatoes (excluding sweet	848	100%	4.30	1	3646
	Total Acres Planted:	35543	% County:	2.1	Total pounds:	73108
Custer, ID	County Acres: 3,159,338					
	Alfalfa hay	24467	100%	2.46	1	60189
	Barley	2386	100%	1.54	1	3674
	Potatoes (excluding sweet	507	100%	4.30	1	2180
	Total Acres Planted:	27360	% County:	0.9	Total pounds:	66043
Total pounds affecting the Spawning and Growth residency of Snake River - Sockeye:						139,151
ESU	33,745,328	% ESU Potentially Treated: 0.18				

Table G-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 hay	937	100%	2.46	1	2305
	Apples	77	100%	14.40	1	1109
	Barley	873	100%	1.54	1	1344
	Blueberries, tame	137	100%	2.50	1	342
	Corn for silage or green chop	746	100%	1.25	1	932
	Grapes	4	100%	2.79	1	11
	Walnuts, English	4	100%	15.33	1	61
	Total Acres Planted:	2778	% County:	0.2	Total pounds:	6104
Marion, OR		County Acres: 764,860				
	Alfalfa hay	1315	100%	2.46	1	3235
	Apples	555	100%	14.40	1	7992
	Barley	134	100%	1.54	1	206
	Blueberries, tame	545	100%	2.50	1	1362
	Broccoli	2548	100%	2.54	1	6472
	Carrots	76	100%	2.30	1	175
	Celery	32	100%	1.84	1	59
	Corn for silage or green chop	2142	100%	1.25	1	2678
	Grapes	761	100%	2.79	1	2123
	Mint for oil	3695	100%	1.84	1	6799
	Onions, dry	2036	100%	2.00	1	4072
	Raspberries	546	100%	4.50	1	2457
	Strawberries	1858	100%	10.00	1	18580
	Walnuts, English	155	100%	15.33	1	2376
	Total Acres Planted:	16398	% County:	2.1	Total pounds:	58586
Washington, OR		County Acres: 464,874				
	Alfalfa hay	1680	100%	2.46	1	4133
	Apples	279	100%	14.40	1	4018
	Barley	153	100%	1.54	1	236
	Blueberries, tame	654	100%	2.50	1	1635
	Broccoli	400	100%	2.54	1	1016
	Carrots	1	100%	2.30	1	2
	Corn for silage or green chop	3193	100%	1.25	1	3991
	Grapes	989	100%	2.79	1	2759
	Lettuce and romaine	3	100%	2.00	1	6
	Onions, dry	196	100%	2.00	1	392
	Raspberries	1150	100%	4.50	1	5175
	Strawberries	1257	100%	10.00	1	12570
	Walnuts, English	679	100%	15.33	1	10409
	Total Acres Planted:	10634	% County:	2.3	Total pounds:	46342

Table G-19: Lower Columbia River - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency						
Total pounds affecting the Habitat residency of Lower Columbia River - Steelhead:						111,034
ESU	8,601,364	% ESU Potentially Treated: 0.34				
Migration Residency						
Columbia, OR	County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036
	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Total pounds affecting the Migration residency of Lower Columbia River - Steelhead:						2,370
ESU	8,601,364	% ESU Potentially Treated: 8.08				
Spawning and Growth Residency						
Clackamas, OR	County Acres: 1,202,554					
	Alfalfa hay	1072	100%	2.46	1	2637
	Apples	167	100%	14.40	1	2405
	Barley	259	100%	1.54	1	399
	Beans, dry edible, excluding dry	3	100%	1.78	1	5
	Blueberries, tame	334	100%	2.50	1	835
	Broccoli	184	100%	2.54	1	467
	Corn for silage or green chop	721	100%	1.25	1	901
	Grapes	207	100%	2.79	1	578
	Lettuce and romaine	132	100%	2.00	1	264
	Potatoes (excluding sweet	1	100%	4.30	1	4
	Raspberries	1435	100%	4.50	1	6458
	Strawberries	608	100%	10.00	1	6080
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	5174	% County:	0.4	Total pounds:	21815
Clark, WA	County Acres: 419,976					
	Alfalfa hay	836	100%	2.46	1	2057

Table G-19: Lower Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
	Apples	33	100%	14.40	1	475
	Barley	830	100%	1.54	1	1278
	Blueberries, tame	85	100%	2.50	1	212
	Corn for silage or green chop	1730	100%	1.25	1	2162
	Grapes	32	100%	2.79	1	89
	Raspberries	634	100%	4.50	1	2853
	Strawberries	162	100%	10.00	1	1620
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Cowlitz, WA County Acres: 746,443						
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Hood River, OR County Acres: 341,471						
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Multnomah, OR County Acres: 298,018						
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Skamania, WA County Acres: 1,077,652						
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080

Table G-19: Lower Columbia River - Steelhead

Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Spawning and Growth Residency				
Total Acres Planted:	239	% County:	0.0	Total pounds: 1483
Total pounds affecting the Spawning and Growth residency of Lower Columbia River - Steelhead:				85,804
ESU	8,601,364	% ESU Potentially Treated:		0.18

Table G-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 hay	36401	100%	2.46	1	89546
		Apples	2	100%	14.40	1	29
		Barley	674	100%	1.54	1	1038
		Total Acres Planted:	37077	% County:	0.6	Total pounds:	90613
Union, OR		County Acres: 1,304,649					
		Alfalfa hay	25818	100%	2.46	1	63512
		Apples	39	100%	14.40	1	562
		Barley	7617	100%	1.54	1	11730
		Beans, dry edible, excluding dry	661	100%	1.78	1	1177
		Mint for oil	9226	100%	1.84	1	16976
		Potatoes (excluding sweet	660	100%	4.30	1	2838
		Sugar beets for sugar	1035	100%	2.00	1	2070
		Total Acres Planted:	45056	% County:	3.5	Total pounds:	98865
Wallowa, OR		County Acres: 2,016,984					
		Alfalfa hay	18253	100%	2.46	1	44902
		Apples	8	100%	14.40	1	115
		Barley	8796	100%	1.54	1	13546
		Total Acres Planted:	27057	% County:	1.3	Total pounds:	58563
Total pounds affecting the Habitat residency of Middle Columbia River - Steelhead:						248,041	
ESU	37,633,072	% ESU Potentially Treated:				0.29	
Migration Residency							
Clark, WA		County Acres: 419,976					
		Alfalfa hay	836	100%	2.46	1	2057
		Apples	33	100%	14.40	1	475
		Barley	830	100%	1.54	1	1278
		Blueberries, tame	85	100%	2.50	1	212
		Corn for silage or green chop	1730	100%	1.25	1	2162
		Grapes	32	100%	2.79	1	89
		Raspberries	634	100%	4.50	1	2853
		Strawberries	162	100%	10.00	1	1620
		Walnuts, English	51	100%	15.33	1	782
		Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR		County Acres: 436,345					
		Alfalfa hay	421	100%	2.46	1	1036

Table G-20: Middle Columbia River - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA	County Acres:	746,443				
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Hood River, OR	County Acres:	341,471				
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Multnomah, OR	County Acres:	298,018				
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres:	597,140				
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271

Table G-20: Middle Columbia River - Steelhead

		Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Skamania, WA		County Acres: 1,077,652					
		Alfalfa hay	164	100%	2.46	1	403
		Apples	75	100%	14.40	1	1080
		Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Total pounds affecting the Migration residency of Middle Columbia River - Steelhead:							
ESU		37,633,072	% ESU Potentially Treated:		3.12		
Spawning and Growth Residency							
Benton, WA		County Acres: 1,126,434					
		Alfalfa hay	13241	100%	2.46	1	32573
		Apples	18425	100%	14.40	1	265320
		Apricots	174	100%	10.00	1	1740
		Asparagus	1638	100%	1.27	1	2080
		Barley	435	100%	1.54	1	670
		Corn for silage or green chop	357	100%	1.25	1	446
		Grapes	15929	100%	2.79	1	44442
		Onions, dry	3398	100%	2.00	1	6796
		Potatoes (excluding sweet	25317	100%	4.30	1	108863
		Sugar beets for sugar	4284	100%	2.00	1	8568
		Walnuts, English	41	100%	15.33	1	629
		Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127
Columbia, WA		County Acres: 559,019					
		Alfalfa hay	1780	100%	2.46	1	4379
		Barley	17547	100%	1.54	1	27022
		Total Acres Planted:	19327	% County:	3.5	Total pounds:	31401
Crook, OR		County Acres: 1,911,876					
		Alfalfa hay	14023	100%	2.46	1	34497
		Mint for oil	5501	100%	1.84	1	10122
		Sugar beets for sugar	1510	100%	2.00	1	3020
		Total Acres Planted:	21034	% County:	1.1	Total pounds:	47639
Franklin, WA		County Acres: 809,780					
		Alfalfa hay	70943	100%	2.46	1	174520
		Alfalfa, seed	967	100%	1.25	1	1209
		Apples	9000	100%	14.40	1	129600
		Apricots	68	100%	10.00	1	680
		Asparagus	8610	100%	1.27	1	10935
		Beans, dry edible, excluding dry	2470	100%	1.78	1	4397

Table G-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
	Carrots	3574	100%	2.30	1	8220
	Corn for silage or green chop	1257	100%	1.25	1	1571
	Grapes	2813	100%	2.79	1	7848
	Mint for oil	1586	100%	1.84	1	2918
	Onions, dry	4074	100%	2.00	1	8148
	Potatoes (excluding sweet	35770	100%	4.30	1	153811
	Raspberries	70	100%	4.50	1	315
	Strawberries	17	100%	10.00	1	170
	Total Acres Planted:	141219	% County:	17.4	Total pounds:	504342
Gilliam, OR	County Acres: 782,606					
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Grant, OR	County Acres: 2,898,651					
	Alfalfa hay	11296	100%	2.46	1	27788
	Apricots	19	100%	10.00	1	190
	Total Acres Planted:	11315	% County:	0.4	Total pounds:	27978
Jefferson, OR	County Acres: 1,146,317					
	Alfalfa hay	10944	100%	2.46	1	26922
	Apples	4	100%	14.40	1	58
	Barley	543	100%	1.54	1	836
	Beans, dry edible, excluding dry	220	100%	1.78	1	392
	Mint for oil	3105	100%	1.84	1	5713
	Potatoes (excluding sweet	973	100%	4.30	1	4184
	Sugar beets for sugar	2396	100%	2.00	1	4792
	Total Acres Planted:	18185	% County:	1.6	Total pounds:	42897
Kittitas, WA	County Acres: 1,493,167					
	Alfalfa hay	8571	100%	2.46	1	21085
	Apples	1859	100%	14.40	1	26770
	Barley	135	100%	1.54	1	208
	Corn for silage or green chop	110	100%	1.25	1	138
	Mint for oil	409	100%	1.84	1	753
	Potatoes (excluding sweet	442	100%	4.30	1	1901
	Total Acres Planted:	11526	% County:	0.8	Total pounds:	50855
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180

Table G-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth	Residency					
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Morrow, OR	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Sherman, OR	County Acres: 531,994					
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR	County Acres: 2,067,898					
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA	County Acres: 831,438					
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779

Table G-20: Middle Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth	Residency					
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wasco, OR	County Acres:	1,532,952				
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Wheeler, OR	County Acres:	1,097,864				
	Alfalfa hay	5494	100%	2.46	1	13515
	Apples	23	100%	14.40	1	331
	Barley	61	100%	1.54	1	94
	Total Acres Planted:	5578	% County:	0.5	Total pounds:	13940
Yakima, WA	County Acres:	2,759,373				
	Alfalfa hay	33833	100%	2.46	1	83229
	Apples	75264	100%	14.40	1	1083802
	Apricots	285	100%	10.00	1	2850
	Asparagus	7034	100%	1.27	1	8933
	Barley	502	100%	1.54	1	773
	Beans, dry edible, excluding dry	2145	100%	1.78	1	3818
	Corn for silage or green chop	11373	100%	1.25	1	14216
	Grapes	15529	100%	2.79	1	43326
	Mint for oil	12577	100%	1.84	1	23142
	Potatoes (excluding sweet	1929	100%	4.30	1	8295
	Raspberries	10	100%	4.50	1	45
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	160492	% County:	5.8	Total pounds:	1272598
	Total pounds affecting the Spawning and Growth residency of Middle Columbia River - Steelhead:					3,201,573
ESU	37,633,072	% ESU Potentially Treated: 1.94				

Table G-22: Snake River Basin - Steelhead

		Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Basin - Steelhead							
Habitat Residency							
Baker, OR		County Acres: 1,976,535					
		Alfalfa hay	32053	100%	2.46	1	78850
		Apples	50	100%	14.40	1	720
		Apricots	4	100%	10.00	1	40
		Barley	1953	100%	1.54	1	3008
		Corn for silage or green chop	489	100%	1.25	1	611
		Potatoes (excluding sweet	3356	100%	4.30	1	14431
		Total Acres Planted:	37905	% County:	1.9	Total pounds:	97660
Blaine, ID		County Acres: 1,702,832					
		Alfalfa hay	17425	100%	2.46	1	42866
		Barley	17270	100%	1.54	1	26596
		Potatoes (excluding sweet	848	100%	4.30	1	3646
		Total Acres Planted:	35543	% County:	2.1	Total pounds:	73108
Boise, ID		County Acres: 1,220,327					
		Alfalfa hay	2504	100%	2.46	1	6160
		Barley	300	100%	1.54	1	462
		Total Acres Planted:	2804	% County:	0.2	Total pounds:	6622
Total pounds affecting the Habitat residency of Snake River Basin - Steelhead:							177,390
ESU	45,502,642	% ESU Potentially Treated: 0.16					
Migration Residency							
Benton, WA		County Acres: 1,126,434					
		Alfalfa hay	13241	100%	2.46	1	32573
		Apples	18425	100%	14.40	1	265320
		Apricots	174	100%	10.00	1	1740
		Asparagus	1638	100%	1.27	1	2080
		Barley	435	100%	1.54	1	670
		Corn for silage or green chop	357	100%	1.25	1	446
		Grapes	15929	100%	2.79	1	44442
		Onions, dry	3398	100%	2.00	1	6796
		Potatoes (excluding sweet	25317	100%	4.30	1	108863
		Sugar beets for sugar	4284	100%	2.00	1	8568
		Walnuts, English	41	100%	15.33	1	629
		Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127
Clark, WA		County Acres: 419,976					
		Alfalfa hay	836	100%	2.46	1	2057

Table G-22: Snake River Basin - Steelhead

	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Apples	33	100%	14.40	1	475
	Barley	830	100%	1.54	1	1278
	Blueberries, tame	85	100%	2.50	1	212
	Corn for silage or green chop	1730	100%	1.25	1	2162
	Grapes	32	100%	2.79	1	89
	Raspberries	634	100%	4.50	1	2853
	Strawberries	162	100%	10.00	1	1620
	Walnuts, English	51	100%	15.33	1	782
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR	County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036
	Apples	39	100%	14.40	1	562
	Blueberries, tame	101	100%	2.50	1	252
	Grapes	6	100%	2.79	1	17
	Raspberries	1	100%	4.50	1	4
	Strawberries	6	100%	10.00	1	60
	Walnuts, English	11	100%	15.33	1	169
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA	County Acres: 746,443					
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Gilliam, OR	County Acres: 782,606					
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Hood River, OR	County Acres: 341,471					
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Klickitat, WA	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948

Table G-22: Snake River Basin - Steelhead

<i>Migration Residency</i>	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Morrow, OR	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Multnomah, OR	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
Sherman, OR	County Acres: 531,994					
	Alfalfa hay	230	100%	2.46	1	566
	Barley	21402	100%	1.54	1	32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds:	33525
Skamania, WA	County Acres: 1,077,652					
	Alfalfa hay	164	100%	2.46	1	403
	Apples	75	100%	14.40	1	1080
	Total Acres Planted:	239	% County:	0.0	Total pounds:	1483
Umatilla, OR	County Acres: 2,067,898					

Table G-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency						
	Alfalfa hay	24013	100%	2.46	1	59072
	Alfalfa, seed	1020	100%	1.25	1	1275
	Apples	3927	100%	14.40	1	56549
	Apricots	14	100%	10.00	1	140
	Asparagus	1093	100%	1.27	1	1388
	Barley	16354	100%	1.54	1	25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1	2672
	Corn for silage or green chop	1002	100%	1.25	1	1252
	Grapes	163	100%	2.79	1	455
	Onions, dry	3914	100%	2.00	1	7828
	Potatoes (excluding sweet	15003	100%	4.30	1	64513
	Raspberries	7	100%	4.50	1	32
	Strawberries	9	100%	10.00	1	90
	Total Acres Planted:	68020	% County:	3.3	Total pounds:	220451
Walla Walla, WA County Acres: 831,438						
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
Wasco, OR County Acres: 1,532,952						
	Alfalfa hay	7239	100%	2.46	1	17808
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818
Total pounds affecting the Migration residency of Snake River Basin - Steelhead:					1,274,802	
ESU	45,502,642	% ESU Potentially Treated: 0.77				
Spawning and Growth Residency						
Adams, ID County Acres: 876,768						
	Alfalfa hay	9223	100%	2.46	1	22689
	Barley	312	100%	1.54	1	480

Table G-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Total Acres Planted:		9535	% County:	1.1	Total pounds:	23169
Asotin, WA	County Acres: 410,008					
	Alfalfa hay	1648	100%	2.46	1	4054
	Apples	24	100%	14.40	1	346
	Apricots	5	100%	10.00	1	50
	Barley	10205	100%	1.54	1	15716
Total Acres Planted:		11882	% County:	2.9	Total pounds:	20166
Clearwater, ID	County Acres: 1,592,367					
	Alfalfa hay	2640	100%	2.46	1	6494
	Barley	6058	100%	1.54	1	9329
	Beans, dry edible, excluding dry	218	100%	1.78	1	388
Total Acres Planted:		8916	% County:	0.6	Total pounds:	16211
Columbia, WA	County Acres: 559,019					
	Alfalfa hay	1780	100%	2.46	1	4379
	Barley	17547	100%	1.54	1	27022
Total Acres Planted:		19327	% County:	3.5	Total pounds:	31401
Custer, ID	County Acres: 3,159,338					
	Alfalfa hay	24467	100%	2.46	1	60189
	Barley	2386	100%	1.54	1	3674
	Potatoes (excluding sweet	507	100%	4.30	1	2180
Total Acres Planted:		27360	% County:	0.9	Total pounds:	66043
Franklin, WA	County Acres: 809,780					
	Alfalfa hay	70943	100%	2.46	1	174520
	Alfalfa, seed	967	100%	1.25	1	1209
	Apples	9000	100%	14.40	1	129600
	Apricots	68	100%	10.00	1	680
	Asparagus	8610	100%	1.27	1	10935
	Beans, dry edible, excluding dry	2470	100%	1.78	1	4397
	Carrots	3574	100%	2.30	1	8220
	Corn for silage or green chop	1257	100%	1.25	1	1571
	Grapes	2813	100%	2.79	1	7848
	Mint for oil	1586	100%	1.84	1	2918
	Onions, dry	4074	100%	2.00	1	8148
	Potatoes (excluding sweet	35770	100%	4.30	1	153811
	Raspberries	70	100%	4.50	1	315
	Strawberries	17	100%	10.00	1	170
Total Acres Planted:		141219	% County:	17.4	Total pounds:	504342

Table G-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth Residency						
Garfield, WA	County Acres: 459,595					
	Alfalfa hay	802	100%	2.46	1	1973
	Barley	36082	100%	1.54	1	55566
	Total Acres Planted:	36884	% County:	8.0	Total pounds:	57539
Idaho, ID	County Acres: 5,441,871					
	Alfalfa hay	20266	100%	2.46	1	49854
	Apples	6	100%	14.40	1	86
	Barley	28872	100%	1.54	1	44463
	Corn for silage or green chop	117	100%	1.25	1	146
	Grapes	1	100%	2.79	1	3
	Total Acres Planted:	49262	% County:	0.9	Total pounds:	94552
Latah, ID	County Acres: 689,179					
	Alfalfa hay	7202	100%	2.46	1	17717
	Apples	3	100%	14.40	1	43
	Barley	18615	100%	1.54	1	28667
	Beans, dry edible, excluding dry	1135	100%	1.78	1	2020
	Total Acres Planted:	26955	% County:	3.9	Total pounds:	48447
Lemhi, ID	County Acres: 2,924,332					
	Alfalfa hay	28143	100%	2.46	1	69232
	Apples	6	100%	14.40	1	86
	Barley	487	100%	1.54	1	750
	Total Acres Planted:	28636	% County:	1.0	Total pounds:	70068
Lewis, ID	County Acres: 307,061					
	Alfalfa hay	3885	100%	2.46	1	9557
	Barley	21851	100%	1.54	1	33651
	Total Acres Planted:	25736	% County:	8.4	Total pounds:	43208
Nez Perce, ID	County Acres: 548,051					
	Alfalfa hay	6262	100%	2.46	1	15405
	Apples	9	100%	14.40	1	130
	Apricots	1	100%	10.00	1	10
	Barley	21134	100%	1.54	1	32546
	Beans, dry edible, excluding dry	4561	100%	1.78	1	8119
	Total Acres Planted:	31967	% County:	5.8	Total pounds:	56210
Union, OR	County Acres: 1,304,649					
	Alfalfa hay	25818	100%	2.46	1	63512
	Apples	39	100%	14.40	1	562
	Barley	7617	100%	1.54	1	11730

Table G-22: Snake River Basin - Steelhead

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Spawning and Growth	Residency					
	Beans, dry edible, excluding dry	661	100%	1.78	1	1177
	Mint for oil	9226	100%	1.84	1	16976
	Potatoes (excluding sweet	660	100%	4.30	1	2838
	Sugar beets for sugar	1035	100%	2.00	1	2070
	Total Acres Planted:	45056	% County:	3.5	Total pounds:	98865
Valley, ID	County Acres:	2,389,283				
	Alfalfa hay	1599	100%	2.46	1	3934
	Potatoes (excluding sweet	225	100%	4.30	1	968
	Total Acres Planted:	1824	% County:	0.1	Total pounds:	4902
Walla Walla, WA	County Acres:	831,438				
	Alfalfa hay	11787	100%	2.46	1	28996
	Alfalfa, seed	5760	100%	1.25	1	7200
	Apples	5222	100%	14.40	1	75197
	Asparagus	1414	100%	1.27	1	1796
	Barley	22584	100%	1.54	1	34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1	9713
	Corn for silage or green chop	527	100%	1.25	1	659
	Onions, dry	2172	100%	2.00	1	4344
	Potatoes (excluding sweet	9256	100%	4.30	1	39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds:	202485
	Wallowa, OR	County Acres:	2,016,984			
Alfalfa hay		18253	100%	2.46	1	44902
Apples		8	100%	14.40	1	115
Barley		8796	100%	1.54	1	13546
	Total Acres Planted:	27057	% County:	1.3	Total pounds:	58563
Whitman, WA	County Acres:	1,393,558				
	Alfalfa hay	6644	100%	2.46	1	16344
	Apples	19	100%	14.40	1	274
	Barley	160110	100%	1.54	1	246569
	Beans, dry edible, excluding dry	1283	100%	1.78	1	2284
	Total Acres Planted:	168056	% County:	12.1	Total pounds:	265471
Total pounds affecting the Spawning and Growth residency of Snake River Basin					1,661,642	
- Steelhead:						
ESU	45,502,642	% ESU Potentially Treated:		1.59		

Table G-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 hay	1780	100%	2.46	1	4379
		Barley	17547	100%	1.54	1	27022
		Total Acres Planted:	19327	% County:	3.5	Total pounds:	31401
Total pounds affecting the Habitat residency of Upper Columbia River - Steelhead:						31,401	
ESU	27,920,623	% ESU Potentially Treated: 6.92					
Migration Residency							
Clark, WA		County Acres: 419,976					
		Alfalfa hay	836	100%	2.46	1	2057
		Apples	33	100%	14.40	1	475
		Barley	830	100%	1.54	1	1278
		Blueberries, tame	85	100%	2.50	1	212
		Corn for silage or green chop	1730	100%	1.25	1	2162
		Grapes	32	100%	2.79	1	89
		Raspberries	634	100%	4.50	1	2853
		Strawberries	162	100%	10.00	1	1620
		Walnuts, English	51	100%	15.33	1	782
		Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528
Columbia, OR		County Acres: 436,345					
		Alfalfa hay	421	100%	2.46	1	1036
		Apples	39	100%	14.40	1	562
		Blueberries, tame	101	100%	2.50	1	252
		Grapes	6	100%	2.79	1	17
		Raspberries	1	100%	4.50	1	4
		Strawberries	6	100%	10.00	1	60
		Walnuts, English	11	100%	15.33	1	169
		Total Acres Planted:	585	% County:	0.1	Total pounds:	2100
Cowlitz, WA		County Acres: 746,443					
		Alfalfa hay	105	100%	2.46	1	258
		Apples	14	100%	14.40	1	202
		Corn for silage or green chop	460	100%	1.25	1	575
		Raspberries	439	100%	4.50	1	1976
		Walnuts, English	5	100%	15.33	1	77
		Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
Gilliam, OR		County Acres: 782,606					

Table G-25: Upper Columbia River - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Alfalfa hay	2450	100%	2.46	1	6027
	Barley	13175	100%	1.54	1	20289
	Total Acres Planted:	15625	% County:	2.0	Total pounds:	26316
Hood River, OR						
	County Acres: 341,471					
	Alfalfa hay	443	100%	2.46	1	1090
	Apples	2592	100%	14.40	1	37325
	Blueberries, tame	29	100%	2.50	1	72
	Grapes	63	100%	2.79	1	176
	Raspberries	1	100%	4.50	1	4
	Total Acres Planted:	3128	% County:	0.9	Total pounds:	38667
Klickitat, WA						
	County Acres: 1,218,633					
	Alfalfa hay	28434	100%	2.46	1	69948
	Apples	516	100%	14.40	1	7430
	Apricots	18	100%	10.00	1	180
	Barley	7464	100%	1.54	1	11495
	Grapes	419	100%	2.79	1	1169
	Total Acres Planted:	36851	% County:	3.0	Total pounds:	90222
Morrow, OR						
	County Acres: 1,311,041					
	Alfalfa hay	22180	100%	2.46	1	54563
	Barley	2688	100%	1.54	1	4140
	Onions, dry	1284	100%	2.00	1	2568
	Potatoes (excluding sweet	17030	100%	4.30	1	73229
	Total Acres Planted:	43182	% County:	3.3	Total pounds:	134500
Multnomah, OR						
	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
Pacific, WA						
	County Acres: 597,140					

Table G-25: Upper Columbia River - Steelhead

		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
<i>Migration Residency</i>					
	Alfalfa hay	110	100%	2.46	1 271
	Total Acres Planted:	110	% County:	0.0	Total pounds: 271
Sherman, OR	County Acres: 531,994				
	Alfalfa hay	230	100%	2.46	1 566
	Barley	21402	100%	1.54	1 32959
	Total Acres Planted:	21632	% County:	4.1	Total pounds: 33525
Skamania, WA	County Acres: 1,077,652				
	Alfalfa hay	164	100%	2.46	1 403
	Apples	75	100%	14.40	1 1080
	Total Acres Planted:	239	% County:	0.0	Total pounds: 1483
Umatilla, OR	County Acres: 2,067,898				
	Alfalfa hay	24013	100%	2.46	1 59072
	Alfalfa, seed	1020	100%	1.25	1 1275
	Apples	3927	100%	14.40	1 56549
	Apricots	14	100%	10.00	1 140
	Asparagus	1093	100%	1.27	1 1388
	Barley	16354	100%	1.54	1 25185
	Beans, dry edible, excluding dry	1501	100%	1.78	1 2672
	Corn for silage or green chop	1002	100%	1.25	1 1252
	Grapes	163	100%	2.79	1 455
	Onions, dry	3914	100%	2.00	1 7828
	Potatoes (excluding sweet	15003	100%	4.30	1 64513
	Raspberries	7	100%	4.50	1 32
	Strawberries	9	100%	10.00	1 90
	Total Acres Planted:	68020	% County:	3.3	Total pounds: 220451
Walla Walla, WA	County Acres: 831,438				
	Alfalfa hay	11787	100%	2.46	1 28996
	Alfalfa, seed	5760	100%	1.25	1 7200
	Apples	5222	100%	14.40	1 75197
	Asparagus	1414	100%	1.27	1 1796
	Barley	22584	100%	1.54	1 34779
	Beans, dry edible, excluding dry	5457	100%	1.78	1 9713
	Corn for silage or green chop	527	100%	1.25	1 659
	Onions, dry	2172	100%	2.00	1 4344
	Potatoes (excluding sweet	9256	100%	4.30	1 39801
	Total Acres Planted:	64179	% County:	7.7	Total pounds: 202485
Wasco, OR	County Acres: 1,532,952				
	Alfalfa hay	7239	100%	2.46	1 17808

Table G-25: Upper Columbia River - Steelhead

	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Apples	463	100%	14.40	1	6667
	Apricots	32	100%	10.00	1	320
	Barley	2413	100%	1.54	1	3716
	Grapes	110	100%	2.79	1	307
	Total Acres Planted:	10257	% County:	0.7	Total pounds:	28818

Total pounds affecting the Migration residency of Upper Columbia River - Steelhead: 802,675

ESU 27,920,623 *% ESU Potentially Treated:* 0.97

Spawning and Growth Residency

Benton, WA County Acres: 1,126,434

Alfalfa hay	13241	100%	2.46	1	32573
Apples	18425	100%	14.40	1	265320
Apricots	174	100%	10.00	1	1740
Asparagus	1638	100%	1.27	1	2080
Barley	435	100%	1.54	1	670
Corn for silage or green chop	357	100%	1.25	1	446
Grapes	15929	100%	2.79	1	44442
Onions, dry	3398	100%	2.00	1	6796
Potatoes (excluding sweet	25317	100%	4.30	1	108863
Sugar beets for sugar	4284	100%	2.00	1	8568
Walnuts, English	41	100%	15.33	1	629
Total Acres Planted:	83239	% County:	7.4	Total pounds:	472127

Chelan, WA County Acres: 1,915,872

Alfalfa hay	1210	100%	2.46	1	2977
Apples	17096	100%	14.40	1	246182
Apricots	81	100%	10.00	1	810
Total Acres Planted:	18387	% County:	1.0	Total pounds:	249969

Douglas, WA County Acres: 1,183,088

Alfalfa hay	1763	100%	2.46	1	4337
Apples	14383	100%	14.40	1	207115
Apricots	315	100%	10.00	1	3150
Barley	2751	100%	1.54	1	4237
Total Acres Planted:	19212	% County:	1.6	Total pounds:	218839

Franklin, WA County Acres: 809,780

Alfalfa hay	70943	100%	2.46	1	174520
Alfalfa, seed	967	100%	1.25	1	1209
Apples	9000	100%	14.40	1	129600
Apricots	68	100%	10.00	1	680

Table G-25: Upper Columbia River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Asparagus	8610	100%	1.27	1	10935	
Beans, dry edible, excluding dry	2470	100%	1.78	1	4397	
Carrots	3574	100%	2.30	1	8220	
Corn for silage or green chop	1257	100%	1.25	1	1571	
Grapes	2813	100%	2.79	1	7848	
Mint for oil	1586	100%	1.84	1	2918	
Onions, dry	4074	100%	2.00	1	8148	
Potatoes (excluding sweet	35770	100%	4.30	1	153811	
Raspberries	70	100%	4.50	1	315	
Strawberries	17	100%	10.00	1	170	
Total Acres Planted:		141219	% County:	17.4	Total pounds:	504342
Grant, WA County Acres: 1,786,322						
Alfalfa hay	115509	100%	2.46	1	284152	
Alfalfa, seed	4742	100%	1.25	1	5928	
Apples	33615	100%	14.40	1	484056	
Apricots	266	100%	10.00	1	2660	
Asparagus	940	100%	1.27	1	1194	
Barley	6548	100%	1.54	1	10084	
Beans, dry edible, excluding dry	17353	100%	1.78	1	30888	
Carrots	2207	100%	2.30	1	5076	
Corn for silage or green chop	5170	100%	1.25	1	6462	
Grapes	3132	100%	2.79	1	8738	
Mint for oil	15610	100%	1.84	1	28722	
Onions, dry	6214	100%	2.00	1	12428	
Potatoes (excluding sweet	44263	100%	4.30	1	190331	
Raspberries	1	100%	4.50	1	4	
Strawberries	2	100%	10.00	1	20	
Sugar beets for sugar	10792	100%	2.00	1	21584	
Walnuts, English	5	100%	15.33	1	77	
Total Acres Planted:		266369	% County:	14.9	Total pounds:	1092404
Kittitas, WA County Acres: 1,493,167						
Alfalfa hay	8571	100%	2.46	1	21085	
Apples	1859	100%	14.40	1	26770	
Barley	135	100%	1.54	1	208	
Corn for silage or green chop	110	100%	1.25	1	138	
Mint for oil	409	100%	1.84	1	753	
Potatoes (excluding sweet	442	100%	4.30	1	1901	
Total Acres Planted:		11526	% County:	0.8	Total pounds:	50855
Okanogan, WA County Acres: 3,401,101						
Alfalfa hay	21880	100%	2.46	1	53825	
Apples	24164	100%	14.40	1	347962	

Table G-25: Upper Columbia River - Steelhead

		Crop		Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>								
		Apricots		13	100%	10.00	1	130
		Barley		614	100%	1.54	1	946
		Broccoli		1	100%	2.54	1	3
		Carrots		1	100%	2.30	1	2
		Raspberries		1	100%	4.50	1	4
		Walnuts, English		29	100%	15.33	1	445
		Total Acres Planted:	46703	% County:	1.4	Total pounds:	403317	
Yakima, WA		County Acres: 2,759,373						
		Alfalfa hay		33833	100%	2.46	1	83229
		Apples		75264	100%	14.40	1	1083802
		Apricots		285	100%	10.00	1	2850
		Asparagus		7034	100%	1.27	1	8933
		Barley		502	100%	1.54	1	773
		Beans, dry edible, excluding dry		2145	100%	1.78	1	3818
		Corn for silage or green chop		11373	100%	1.25	1	14216
		Grapes		15529	100%	2.79	1	43326
		Mint for oil		12577	100%	1.84	1	23142
		Potatoes (excluding sweet		1929	100%	4.30	1	8295
		Raspberries		10	100%	4.50	1	45
		Walnuts, English		11	100%	15.33	1	169
		Total Acres Planted:	160492	% County:	5.8	Total pounds:	1272598	
		<i>Total pounds affecting the Spawning and Growth residency of Upper Columbia River - Steelhead:</i>						
								4,264,447
ESU	27,920,623	% ESU Potentially Treated: 2.67						

Table G-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 hay	1780	100%	2.46	1	4379	
	Barley	17547	100%	1.54	1	27022	
	Total Acres Planted:	19327	% County:	3.5	Total pounds:	31401	
Lincoln, OR		County Acres: 629,153					
	Apples	22	100%	14.40	1	317	
	Broccoli	1	100%	2.54	1	3	
	Grapes	1	100%	2.79	1	3	
	Lettuce and romaine	1	100%	2.00	1	2	
	Raspberries	3	100%	4.50	1	14	
	Total Acres Planted:	28	% County:	0.0	Total pounds:	339	
Total pounds affecting the Habitat residency of Upper Willamette River - Steelhead:						31,739	
ESU	10,378,735	% ESU Potentially Treated: 0.18					
Migration Residency							
Clark, WA		County Acres: 419,976					
	Alfalfa hay	836	100%	2.46	1	2057	
	Apples	33	100%	14.40	1	475	
	Barley	830	100%	1.54	1	1278	
	Blueberries, tame	85	100%	2.50	1	212	
	Corn for silage or green chop	1730	100%	1.25	1	2162	
	Grapes	32	100%	2.79	1	89	
	Raspberries	634	100%	4.50	1	2853	
	Strawberries	162	100%	10.00	1	1620	
	Walnuts, English	51	100%	15.33	1	782	
	Total Acres Planted:	4393	% County:	1.0	Total pounds:	11528	
Columbia, OR		County Acres: 436,345					
	Alfalfa hay	421	100%	2.46	1	1036	
	Apples	39	100%	14.40	1	562	
	Blueberries, tame	101	100%	2.50	1	252	
	Grapes	6	100%	2.79	1	17	
	Raspberries	1	100%	4.50	1	4	
	Strawberries	6	100%	10.00	1	60	
	Walnuts, English	11	100%	15.33	1	169	
	Total Acres Planted:	585	% County:	0.1	Total pounds:	2100	
Cowlitz, WA		County Acres: 746,443					

Table G-26: Upper Willamette River - Steelhead

		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>						
	Alfalfa hay	105	100%	2.46	1	258
	Apples	14	100%	14.40	1	202
	Corn for silage or green chop	460	100%	1.25	1	575
	Raspberries	439	100%	4.50	1	1976
	Walnuts, English	5	100%	15.33	1	77
	Total Acres Planted:	1023	% County:	0.1	Total pounds:	3088
<i>Multnomah, OR</i>						
	County Acres: 298,018					
	Alfalfa hay	389	100%	2.46	1	957
	Apples	51	100%	14.40	1	734
	Barley	220	100%	1.54	1	339
	Blueberries, tame	62	100%	2.50	1	155
	Broccoli	29	100%	2.54	1	74
	Corn for silage or green chop	193	100%	1.25	1	241
	Grapes	28	100%	2.79	1	78
	Lettuce and romaine	62	100%	2.00	1	124
	Potatoes (excluding sweet	336	100%	4.30	1	1445
	Raspberries	741	100%	4.50	1	3334
	Strawberries	171	100%	10.00	1	1710
	Walnuts, English	2	100%	15.33	1	31
	Total Acres Planted:	2284	% County:	0.8	Total pounds:	9222
<i>Pacific, WA</i>						
	County Acres: 597,140					
	Alfalfa hay	110	100%	2.46	1	271
	Total Acres Planted:	110	% County:	0.0	Total pounds:	271
<i>Total pounds affecting the Migration residency of Upper Willamette River - Steelhead:</i>						26,208
<i>ESU</i>	10,378,735	<i>% ESU Potentially Treated: 8.08</i>				
<i>Spawning and Growth Residency</i>						
<i>Benton, OR</i>						
	County Acres: 434,536					
	Alfalfa hay	570	100%	2.46	1	1402
	Apples	62	100%	14.40	1	893
	Blueberries, tame	109	100%	2.50	1	272
	Corn for silage or green chop	525	100%	1.25	1	656
	Grapes	242	100%	2.79	1	675
	Lettuce and romaine	10	100%	2.00	1	20
	Mint for oil	2925	100%	1.84	1	5382
	Onions, dry	3	100%	2.00	1	6
	Potatoes (excluding sweet	3	100%	4.30	1	13
	Raspberries	2	100%	4.50	1	9
	Strawberries	17	100%	10.00	1	170

Table G-26: Upper Willamette River - Steelhead

Crop		Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
<i>Spawning and Growth Residency</i>						
Walnuts, English		23	100%	15.33	1	353
Total Acres Planted:		4491	% County:	1.0	Total pounds:	9851
Clackamas, OR		County Acres: 1,202,554				
Alfalfa hay		1072	100%	2.46	1	2637
Apples		167	100%	14.40	1	2405
Barley		259	100%	1.54	1	399
Beans, dry edible, excluding dry		3	100%	1.78	1	5
Blueberries, tame		334	100%	2.50	1	835
Broccoli		184	100%	2.54	1	467
Corn for silage or green chop		721	100%	1.25	1	901
Grapes		207	100%	2.79	1	578
Lettuce and romaine		132	100%	2.00	1	264
Potatoes (excluding sweet		1	100%	4.30	1	4
Raspberries		1435	100%	4.50	1	6458
Strawberries		608	100%	10.00	1	6080
Walnuts, English		51	100%	15.33	1	782
Total Acres Planted:		5174	% County:	0.4	Total pounds:	21815
Linn, OR		County Acres: 1,477,826				
Alfalfa hay		2507	100%	2.46	1	6167
Apples		133	100%	14.40	1	1915
Blueberries, tame		58	100%	2.50	1	145
Broccoli		267	100%	2.54	1	678
Corn for silage or green chop		1972	100%	1.25	1	2465
Grapes		93	100%	2.79	1	259
Mint for oil		4105	100%	1.84	1	7553
Onions, dry		1	100%	2.00	1	2
Raspberries		387	100%	4.50	1	1742
Strawberries		52	100%	10.00	1	520
Walnuts, English		55	100%	15.33	1	843
Total Acres Planted:		9630	% County:	0.7	Total pounds:	22289
Marion, OR		County Acres: 764,860				
Alfalfa hay		1315	100%	2.46	1	3235
Apples		555	100%	14.40	1	7992
Barley		134	100%	1.54	1	206
Blueberries, tame		545	100%	2.50	1	1362
Broccoli		2548	100%	2.54	1	6472
Carrots		76	100%	2.30	1	175
Celery		32	100%	1.84	1	59
Corn for silage or green chop		2142	100%	1.25	1	2678
Grapes		761	100%	2.79	1	2123
Mint for oil		3695	100%	1.84	1	6799

Table G-26: Upper Willamette River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Onions, dry	2036	100%	2.00	1	4072	
Raspberries	546	100%	4.50	1	2457	
Strawberries	1858	100%	10.00	1	18580	
Walnuts, English	155	100%	15.33	1	2376	
Total Acres Planted:	16398	% County:	2.1	Total pounds:	58586	
Polk, OR County Acres: 476,251						
Alfalfa hay	774	100%	2.46	1	1904	
Apples	157	100%	14.40	1	2261	
Barley	379	100%	1.54	1	584	
Blueberries, tame	21	100%	2.50	1	52	
Corn for silage or green chop	1472	100%	1.25	1	1840	
Grapes	1123	100%	2.79	1	3133	
Mint for oil	2448	100%	1.84	1	4504	
Strawberries	22	100%	10.00	1	220	
Walnuts, English	33	100%	15.33	1	506	
Total Acres Planted:	6429	% County:	1.3	Total pounds:	15004	
Washington, OR County Acres: 464,874						
Alfalfa hay	1680	100%	2.46	1	4133	
Apples	279	100%	14.40	1	4018	
Barley	153	100%	1.54	1	236	
Blueberries, tame	654	100%	2.50	1	1635	
Broccoli	400	100%	2.54	1	1016	
Carrots	1	100%	2.30	1	2	
Corn for silage or green chop	3193	100%	1.25	1	3991	
Grapes	989	100%	2.79	1	2759	
Lettuce and romaine	3	100%	2.00	1	6	
Onions, dry	196	100%	2.00	1	392	
Raspberries	1150	100%	4.50	1	5175	
Strawberries	1257	100%	10.00	1	12570	
Walnuts, English	679	100%	15.33	1	10409	
Total Acres Planted:	10634	% County:	2.3	Total pounds:	46342	
Yamhill, OR County Acres: 459,752						
Alfalfa hay	2294	100%	2.46	1	5643	
Apples	310	100%	14.40	1	4464	
Barley	380	100%	1.54	1	585	
Blueberries, tame	324	100%	2.50	1	810	
Broccoli	308	100%	2.54	1	782	
Corn for silage or green chop	2173	100%	1.25	1	2716	
Grapes	2887	100%	2.79	1	8055	
Potatoes (excluding sweet	1	100%	4.30	1	4	
Raspberries	114	100%	4.50	1	513	

Table G-26: Upper Willamette River - Steelhead

Crop		Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency						
Strawberries		265	100%	10.00	1	2650
Walnuts, English		608	100%	15.33	1	9321
Total Acres Planted:		9664	% County:	2.1	Total pounds:	35543
Total pounds affecting the Spawning and Growth residency of Upper Willamette River - Steelhead:						209,432
ESU	10,378,735	% ESU Potentially Treated:		0.60		