

Naled Usage for Pacific Northwest States

Table 23 - Upper Columbia River - Steelhead

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Upper Columbia River - Steelhead							
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256			Total pounds:	4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82			Total pounds:	77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104			Total pounds:	2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256			Total pounds:	1798
Gilliam, OR							
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512

Table 23 - Upper Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343			Total pounds:	624

Table 23 - Upper Columbia River - Steelhead

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096			Total pounds:	119354
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133

Table 23 - Upper Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Chelan, WA							
		Alfalfa, all	1210	50 %	0.75	3	1361
		Nursery and greenhouse crops	56	100 %	0.94	1	53
		Peaches	21	1 %	3.10	1	1
		Total Acres Planted:	1287		Total pounds:		2840
Douglas, WA							
		Alfalfa, all	1763	50 %	0.75	3	1983
		Nursery and greenhouse crops	11	100 %	0.94	1	10
		Peaches	167	1 %	3.10	1	5
		Total Acres Planted:	1941		Total pounds:		4495
Franklin, WA							
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253		Total pounds:		196850

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ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Grant, WA						
		Alfalfa, all	120251	50 %	0.75	3	135282
		Beans, all except lima	18024	100 %	1.41	3	76242
		Beans, lima	3878	100 %	1.41	3	16404
		Cantaloupes	35	100 %	2.90	1.5	152
		Grapes	3132	2 %	0.63	8.9	351
		Nursery and greenhouse crops	6454	100 %	0.94	1	6067
		Peaches	261	1 %	3.10	1	8
		Peas, green, excluding cowpeas	12829	100 %	1.10	1.4	19757
		Peppers, hot	3	6 %	1.90	1.2	0
		Squash	4	100 %	1.88	3	23
		Strawberries	2	16 %	0.94	5	2
		Sugar beets	10792	1 %	0.90	5	486
		Tomatoes	5	100 %	1.00	1.3	6
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	175675			Total pounds:	456185
	Kittitas, WA						
		Alfalfa, all	8571	50 %	0.75	3	9642
		Nursery and greenhouse crops	224	100 %	0.94	1	211
		Peaches	1	1 %	3.10	1	0
		Total Acres Planted:	8796			Total pounds:	19499
	Okanogan, WA						
		Alfalfa, all	21880	50 %	0.75	3	24615
		Broccoli	1	10 %	1.88	5	1
		Cabbage, all	1	11 %	1.88	5	1
		Nursery and greenhouse crops	111	100 %	0.94	1	104
		Peaches	67	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	1	100 %	1.88	3	6
		Walnuts, English	29	4 %	1.88	2	4
		Total Acres Planted:	22091			Total pounds:	49677

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ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Yakima, WA						
		Alfalfa, all	33833	50 %	0.75	3	38062
		Beans, all except lima	2251	100 %	1.41	3	9522
		Beans, lima	731	100 %	1.41	3	3092
		Cabbage, all	144	11 %	1.88	5	149
		Cantaloupes	78	100 %	2.90	1.5	339
		Eggplant	5	100 %	1.88	3	28
		Grapes	15529	2 %	0.63	8.9	1741
		Hops	27449	100 %	0.94	5	129010
		Nursery and greenhouse crops	821	100 %	0.94	1	772
		Peaches	1438	1 %	3.10	1	45
		Peas, green, excluding cowpeas	1201	100 %	1.10	1.4	1850
		Peppers, hot	41	6 %	1.90	1.2	6
		Squash	292	100 %	1.88	3	1647
		Tomatoes	293	100 %	1.00	1.3	381
		Walnuts, English	11	4 %	1.88	2	2
		Watermelons	151	100 %	2.90	1.5	657
		Total Acres Planted:	84268			Total pounds:	316439

Table 24 - Snake River Basin - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Basin - Steelhead							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

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ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Gilliam, OR						
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416

Table 24 - Snake River Basin - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343		Total pounds:		624
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164		Total pounds:		369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096		Total pounds:		119354
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700		Total pounds:		87204
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523		Total pounds:		17133

Table 24 - Snake River Basin - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
	Adams, ID						
		Alfalfa, all	9223	50 %	0.75	3	10376
		Nursery and greenhouse crops	8	100 %	0.94	1	8
		Total Acres Planted:	9231		Total pounds:		20760
	Adams, WA						
		Alfalfa, all	23460	50 %	0.75	3	26392
		Beans, all except lima	8250	100 %	1.41	3	34897
		Nursery and greenhouse crops	1331	100 %	0.94	1	1251
		Sugar beets	1570	1 %	0.90	5	71
		Total Acres Planted:	34611		Total pounds:		95998
	Asotin, WA						
		Alfalfa, all	1648	50 %	0.75	3	1854
		Peaches	18	1 %	3.10	1	1
		Total Acres Planted:	1666		Total pounds:		3764
	Clearwater, ID						
		Alfalfa, all	2640	50 %	0.75	3	2970
		Beans, all except lima	218	100 %	1.41	3	922
		Nursery and greenhouse crops	336	100 %	0.94	1	316
		Total Acres Planted:	3194		Total pounds:		7178
	Columbia, WA						
		Alfalfa, all	1780	50 %	0.75	3	2002
		Total Acres Planted:	1780		Total pounds:		4005
	Custer, ID						
		Alfalfa, all	24467	50 %	0.75	3	27525
		Total Acres Planted:	24467		Total pounds:		55051
	Franklin, WA						
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253		Total pounds:		196850

Table 24 - Snake River Basin - Steelhead

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Garfield, WA						
		Alfalfa, all	802	50 %	0.75	3	902
		Total Acres Planted:	802			Total pounds:	1804
	Idaho, ID						
		Alfalfa, all	20266	50 %	0.75	3	22799
		Grapes	1	2 %	0.63	8.9	0
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	20268			Total pounds:	45605
	Latah, ID						
		Alfalfa, all	7202	50 %	0.75	3	8102
		Beans, all except lima	1135	100 %	1.41	3	4801
		Nursery and greenhouse crops	2193	100 %	0.94	1	2061
		Total Acres Planted:	10530			Total pounds:	23066
	Lemhi, ID						
		Alfalfa, all	28143	50 %	0.75	3	31661
		Peaches	3	1 %	3.10	1	0
		Total Acres Planted:	28146			Total pounds:	63331
	Lewis, ID						
		Alfalfa, all	3885	50 %	0.75	3	4371
		Total Acres Planted:	3885			Total pounds:	8741
	Nez Perce, ID						
		Alfalfa, all	6262	50 %	0.75	3	7045
		Beans, all except lima	4561	100 %	1.41	3	19293
		Peaches	22	1 %	3.10	1	1
		Peas, green, excluding cowpeas	1816	100 %	1.10	1.4	2797
		Total Acres Planted:	12661			Total pounds:	36248
	Union, OR						
		Alfalfa, all	25818	50 %	0.75	3	29045
		Beans, all except lima	661	100 %	1.41	3	2796
		Nursery and greenhouse crops	465	100 %	0.94	1	437
		Peaches	12	1 %	3.10	1	0
		Sugar beets	1035	1 %	0.90	5	47
		Total Acres Planted:	27991			Total pounds:	66017
	Valley, ID						
		Alfalfa, all	1599	50 %	0.75	3	1799
		Total Acres Planted:	1599			Total pounds:	3598

Table 24 - Snake River Basin - Steelhead

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wallowa, OR						
		Alfalfa, all	18253	50 %	0.75	3	20535
		Total Acres Planted:	18253			Total pounds:	41069
	Whitman, WA						
		Alfalfa, all	6644	50 %	0.75	3	7474
		Beans, all except lima	1283	100 %	1.41	3	5427
		Nursery and greenhouse crops	980	100 %	0.94	1	921
		Peas, green, excluding cowpeas	5589	100 %	1.10	1.4	8607
		Total Acres Planted:	14496			Total pounds:	29904

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Upper Willamette River - Steelhead							
Migration Residency							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
		Multnomah, OR					
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137		Total pounds:		13919
		Pacific, WA					
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289		Total pounds:		416

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Benton, OR							
		Alfalfa, all	570	50 %	0.75	3	641
		Beans, all except lima	3080	100 %	1.41	3	13028
		Cantaloupes	7	100 %	2.90	1.5	30
		Grapes	242	2 %	0.63	8.9	27
		Lettuce and romaine	10	1 %	5.20	2.9	2
		Nursery and greenhouse crops	6212	100 %	0.94	1	5839
		Peaches	8	1 %	3.10	1	0
		Peas, green, excluding cowpeas	1	100 %	1.10	1.4	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	881	100 %	1.88	3	4969
		Strawberries	17	16 %	0.94	5	13
		Sugar beets	687	1 %	0.90	5	31
		Tomatoes	6	100 %	1.00	1.3	8
		Walnuts, English	23	4 %	1.88	2	3
Total Acres Planted:			11745		Total pounds:		29950
Clackamas, OR							
		Alfalfa, all	1072	50 %	0.75	3	1206
		Beans, all except lima	337	100 %	1.41	3	1426
		Broccoli	184	10 %	1.88	5	173
		Cabbage, all	593	11 %	1.88	5	613
		Cantaloupes	4	100 %	2.90	1.5	17
		Cauliflower	319	26 %	2.10	5	871
		Grapes	207	2 %	0.63	8.9	23
		Kale	6	8 %	1.88	5	5
		Lettuce and romaine	132	1 %	5.20	2.9	20
		Nursery and greenhouse crops	29217	100 %	0.94	1	27464
		Peaches	78	1 %	3.10	1	2
		Peas, green, excluding cowpeas	104	100 %	1.10	1.4	160
		Spinach	31	100 %	1.41	5	219
		Squash	380	100 %	1.88	3	2143
		Strawberries	608	16 %	0.94	5	457
		Sugar beets	106	1 %	0.90	5	5
		Tomatoes	21	100 %	1.00	1.3	27
		Walnuts, English	51	4 %	1.88	2	8
Total Acres Planted:			33450		Total pounds:		51498

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Linn, OR						
		Alfalfa, all	2507	50 %	0.75	3	2820
		Beans, all except lima	2688	100 %	1.41	3	11370
		Broccoli	267	10 %	1.88	5	251
		Cabbage, all	431	11 %	1.88	5	446
		Cantaloupes	3	100 %	2.90	1.5	13
		Cauliflower	164	26 %	2.10	5	448
		Grapes	93	2 %	0.63	8.9	10
		Nursery and greenhouse crops	1563	100 %	0.94	1	1469
		Peaches	73	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	479	100 %	1.88	3	2702
		Strawberries	52	16 %	0.94	5	39
		Sugar beets	281	1 %	0.90	5	13
		Tomatoes	7	100 %	1.00	1.3	9
		Walnuts, English	55	4 %	1.88	2	8
		Total Acres Planted:	8664			Total pounds:	31951
	Marion, OR						
		Alfalfa, all	1315	50 %	0.75	3	1479
		Beans, all except lima	12101	100 %	1.41	3	51187
		Beans, lima	115	100 %	1.41	3	486
		Broccoli	2548	10 %	1.88	5	2395
		Cabbage, all	4210	11 %	1.88	5	4353
		Cauliflower	1505	26 %	2.10	5	4109
		Celery	32	18 %	1.41	5	41
		Grapes	761	2 %	0.63	8.9	85
		Hops	7407	100 %	0.94	5	34813
		Nursery and greenhouse crops	21309	100 %	0.94	1	20030
		Peaches	179	1 %	3.10	1	6
		Peas, green, excluding cowpeas	686	100 %	1.10	1.4	1056
		Peppers, hot	2	6 %	1.90	1.2	0
		Squash	1281	100 %	1.88	3	7225
		Strawberries	1858	16 %	0.94	5	1397
		Sugar beets	940	1 %	0.90	5	42
		Tomatoes	16	100 %	1.00	1.3	21
		Walnuts, English	155	4 %	1.88	2	23
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	56422			Total pounds:	215712

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Polk, OR						
		Alfalfa, all	774	50 %	0.75	3	871
		Beans, all except lima	598	100 %	1.41	3	2530
		Cantaloupes	15	100 %	2.90	1.5	65
		Grapes	1123	2 %	0.63	8.9	126
		Nursery and greenhouse crops	6638	100 %	0.94	1	6240
		Peaches	51	1 %	3.10	1	2
		Squash	1	100 %	1.88	3	6
		Strawberries	22	16 %	0.94	5	17
		Sugar beets	130	1 %	0.90	5	6
		Tomatoes	4	100 %	1.00	1.3	5
		Walnuts, English	33	4 %	1.88	2	5
		Total Acres Planted:	9389		Total pounds:		17855
	Washington, OR						
		Alfalfa, all	1680	50 %	0.75	3	1890
		Beans, all except lima	988	100 %	1.41	3	4179
		Broccoli	400	10 %	1.88	5	376
		Cabbage, all	400	11 %	1.88	5	414
		Cantaloupes	1	100 %	2.90	1.5	4
		Eggplant	1	100 %	1.88	3	6
		Grapes	989	2 %	0.63	8.9	111
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	7538	100 %	0.94	1	7086
		Peaches	168	1 %	3.10	1	5
		Peas, green, excluding cowpeas	840	100 %	1.10	1.4	1294
		Squash	82	100 %	1.88	3	462
		Strawberries	1257	16 %	0.94	5	945
		Tomatoes	27	100 %	1.00	1.3	35
		Walnuts, English	679	4 %	1.88	2	102
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	15055		Total pounds:		38947

Table 25 - Upper Willamette River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Yamhill, OR						
		Alfalfa, all	2294	50 %	0.75	3	2581
		Beans, all except lima	1838	100 %	1.41	3	7775
		Broccoli	308	10 %	1.88	5	290
		Cabbage, all	308	11 %	1.88	5	318
		Cantaloupes	12	100 %	2.90	1.5	52
		Grapes	2887	2 %	0.63	8.9	324
		Nursery and greenhouse crops	5590	100 %	0.94	1	5255
		Peaches	104	1 %	3.10	1	3
		Squash	133	100 %	1.88	3	750
		Strawberries	265	16 %	0.94	5	199
		Sugar beets	151	1 %	0.90	5	7
		Tomatoes	9	100 %	1.00	1.3	12
		Walnuts, English	608	4 %	1.88	2	91
		Total Acres Planted:	14507		Total pounds:		45515

Table 26 - Lower Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Lower Columbia River - Steelhead							
Migration Residency							
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82			Total pounds:	77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104			Total pounds:	2610
Pacific, WA							
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416

Table 26 - Lower Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Clackamas, OR							
		Alfalfa, all	1072	50 %	0.75	3	1206
		Beans, all except lima	337	100 %	1.41	3	1426
		Broccoli	184	10 %	1.88	5	173
		Cabbage, all	593	11 %	1.88	5	613
		Cantaloupes	4	100 %	2.90	1.5	17
		Cauliflower	319	26 %	2.10	5	871
		Grapes	207	2 %	0.63	8.9	23
		Kale	6	8 %	1.88	5	5
		Lettuce and romaine	132	1 %	5.20	2.9	20
		Nursery and greenhouse crops	29217	100 %	0.94	1	27464
		Peaches	78	1 %	3.10	1	2
		Peas, green, excluding cowpeas	104	100 %	1.10	1.4	160
		Spinach	31	100 %	1.41	5	219
		Squash	380	100 %	1.88	3	2143
		Strawberries	608	16 %	0.94	5	457
		Sugar beets	106	1 %	0.90	5	5
		Tomatoes	21	100 %	1.00	1.3	27
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	33450		Total pounds:		51498
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 26 - Lower Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369

Table 27 - Middle Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Middle Columbia River - Steelhead							
Migration Residency							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798
Hood River, OR							
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762		Total pounds:		1618

Table 27 - Middle Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
		Multnomah, OR					
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137		Total pounds:		13919
		Pacific, WA					
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289		Total pounds:		416
		Skamania, WA					
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164		Total pounds:		369

Table 27 - Middle Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Columbia, WA							
		Alfalfa, all	1780	50 %	0.75	3	2002
		Total Acres Planted:	1780		Total pounds:		4005
Crook, OR							
		Alfalfa, all	14023	50 %	0.75	3	15776
		Nursery and greenhouse crops	281	100 %	0.94	1	264
		Sugar beets	1510	1 %	0.90	5	68
		Total Acres Planted:	15814		Total pounds:		38611
Franklin, WA							
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253		Total pounds:		196850
Gilliam, OR							
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450		Total pounds:		5512
Grant, OR							
		Alfalfa, all	11296	50 %	0.75	3	12708
		Total Acres Planted:	11296		Total pounds:		25416

Table 27 - Middle Columbia River - Steelhead

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Jefferson, OR						
		Alfalfa, all	10944	50 %	0.75	3	12312
		Beans, all except lima	220	100 %	1.41	3	931
		Nursery and greenhouse crops	3897	100 %	0.94	1	3663
		Sugar beets	2396	1 %	0.90	5	108
		Total Acres Planted:	17457			Total pounds:	40000
	Kittitas, WA						
		Alfalfa, all	8571	50 %	0.75	3	9642
		Nursery and greenhouse crops	224	100 %	0.94	1	211
		Peaches	1	1 %	3.10	1	0
		Total Acres Planted:	8796			Total pounds:	19499
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343			Total pounds:	624
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096			Total pounds:	119354

Table 27 - Middle Columbia River - Steelhead

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133
	Wheeler, OR						
		Alfalfa, all	5494	50 %	0.75	3	6181
		Total Acres Planted:	5494			Total pounds:	12362
	Yakima, WA						
		Alfalfa, all	33833	50 %	0.75	3	38062
		Beans, all except lima	2251	100 %	1.41	3	9522
		Beans, lima	731	100 %	1.41	3	3092
		Cabbage, all	144	11 %	1.88	5	149
		Cantaloupes	78	100 %	2.90	1.5	339
		Eggplant	5	100 %	1.88	3	28
		Grapes	15529	2 %	0.63	8.9	1741
		Hops	27449	100 %	0.94	5	129010
		Nursery and greenhouse crops	821	100 %	0.94	1	772
		Peaches	1438	1 %	3.10	1	45
		Peas, green, excluding cowpeas	1201	100 %	1.10	1.4	1850
		Peppers, hot	41	6 %	1.90	1.2	6
		Squash	292	100 %	1.88	3	1647
		Tomatoes	293	100 %	1.00	1.3	381
		Walnuts, English	11	4 %	1.88	2	2
		Watermelons	151	100 %	2.90	1.5	657
		Total Acres Planted:	84268			Total pounds:	316439

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Fall Run - Chinook							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Gilliam, OR						
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres	Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Sherman, OR							
		Alfalfa, all	230	50	%	0.75	3	259
		Nursery and greenhouse crops	113	100	%	0.94	1	106
		Total Acres Planted:	343			Total pounds:		624
	Skamania, WA							
		Alfalfa, all	164	50	%	0.75	3	184
		Total Acres Planted:	164			Total pounds:		369
	Umatilla, OR							
		Alfalfa, all	25033	50	%	0.75	3	28162
		Beans, all except lima	2088	100	%	1.41	3	8832
		Beans, lima	1239	100	%	1.41	3	5241
		Cantaloupes	126	100	%	2.90	1.5	548
		Grapes	163	2	%	0.63	8.9	18
		Nursery and greenhouse crops	396	100	%	0.94	1	372
		Peaches	7	1	%	3.10	1	0
		Peas, green, excluding cowpeas	28171	100	%	1.10	1.4	43383
		Strawberries	9	16	%	0.94	5	7
		Tomatoes	27	100	%	1.00	1.3	35
		Watermelons	837	100	%	2.90	1.5	3641
		Total Acres Planted:	58096			Total pounds:		119354
	Walla Walla, WA							
		Alfalfa, all	17547	50	%	0.75	3	19740
		Beans, all except lima	5707	100	%	1.41	3	24141
		Beans, lima	458	100	%	1.41	3	1937
		Cabbage, all	6	11	%	1.88	5	6
		Nursery and greenhouse crops	2714	100	%	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100	%	1.10	1.4	16881
		Spinach	306	100	%	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:		87204
	Wasco, OR							
		Alfalfa, all	7239	50	%	0.75	3	8144
		Grapes	110	2	%	0.63	8.9	12
		Nursery and greenhouse crops	144	100	%	0.94	1	135
		Peaches	30	1	%	3.10	1	1
		Total Acres Planted:	7523			Total pounds:		17133

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Adams, ID							
		Alfalfa, all	9223	50 %	0.75	3	10376
		Nursery and greenhouse crops	8	100 %	0.94	1	8
		Total Acres Planted:	9231		Total pounds:		20760
Adams, WA							
		Alfalfa, all	23460	50 %	0.75	3	26392
		Beans, all except lima	8250	100 %	1.41	3	34897
		Nursery and greenhouse crops	1331	100 %	0.94	1	1251
		Sugar beets	1570	1 %	0.90	5	71
		Total Acres Planted:	34611		Total pounds:		95998
Asotin, WA							
		Alfalfa, all	1648	50 %	0.75	3	1854
		Peaches	18	1 %	3.10	1	1
		Total Acres Planted:	1666		Total pounds:		3764
Benewah, ID							
		Alfalfa, all	983	50 %	0.75	3	1106
		Nursery and greenhouse crops	355	100 %	0.94	1	334
		Total Acres Planted:	1338		Total pounds:		2546
Clearwater, ID							
		Alfalfa, all	2640	50 %	0.75	3	2970
		Beans, all except lima	218	100 %	1.41	3	922
		Nursery and greenhouse crops	336	100 %	0.94	1	316
		Total Acres Planted:	3194		Total pounds:		7178
Columbia, WA							
		Alfalfa, all	1780	50 %	0.75	3	2002
		Total Acres Planted:	1780		Total pounds:		4005
Franklin, WA							
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253		Total pounds:		196850

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Garfield, WA						
		Alfalfa, all	802	50 %	0.75	3	902
		Total Acres Planted:	802			Total pounds:	1804
	Idaho, ID						
		Alfalfa, all	20266	50 %	0.75	3	22799
		Grapes	1	2 %	0.63	8.9	0
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	20268			Total pounds:	45605
	Latah, ID						
		Alfalfa, all	7202	50 %	0.75	3	8102
		Beans, all except lima	1135	100 %	1.41	3	4801
		Nursery and greenhouse crops	2193	100 %	0.94	1	2061
		Total Acres Planted:	10530			Total pounds:	23066
	Lewis, ID						
		Alfalfa, all	3885	50 %	0.75	3	4371
		Total Acres Planted:	3885			Total pounds:	8741
	Lincoln, WA						
		Alfalfa, all	15972	50 %	0.75	3	17968
		Nursery and greenhouse crops	662	100 %	0.94	1	622
		Total Acres Planted:	16634			Total pounds:	36559
	Nez Perce, ID						
		Alfalfa, all	6262	50 %	0.75	3	7045
		Beans, all except lima	4561	100 %	1.41	3	19293
		Peaches	22	1 %	3.10	1	1
		Peas, green, excluding cowpeas	1816	100 %	1.10	1.4	2797
		Total Acres Planted:	12661			Total pounds:	36248
	Shoshone, ID						
		Alfalfa, all	167	50 %	0.75	3	188
		Total Acres Planted:	167			Total pounds:	376
	Spokane, WA						
		Alfalfa, all	35493	50 %	0.75	3	39930
		Grapes	3	2 %	0.63	8.9	0
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	378	100 %	0.94	1	355
		Peaches	42	1 %	3.10	1	1
		Squash	58	100 %	1.88	3	327
		Strawberries	30	16 %	0.94	5	23
		Tomatoes	5	100 %	1.00	1.3	6
		Total Acres Planted:	36010			Total pounds:	80850

Table 29 - Snake River Fall Run - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Union, OR						
		Alfalfa, all	25818	50 %	0.75	3	29045
		Beans, all except lima	661	100 %	1.41	3	2796
		Nursery and greenhouse crops	465	100 %	0.94	1	437
		Peaches	12	1 %	3.10	1	0
		Sugar beets	1035	1 %	0.90	5	47
		Total Acres Planted:	27991			Total pounds:	66017
	Valley, ID						
		Alfalfa, all	1599	50 %	0.75	3	1799
		Total Acres Planted:	1599			Total pounds:	3598
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wallowa, OR						
		Alfalfa, all	18253	50 %	0.75	3	20535
		Total Acres Planted:	18253			Total pounds:	41069
	Whitman, WA						
		Alfalfa, all	6644	50 %	0.75	3	7474
		Beans, all except lima	1283	100 %	1.41	3	5427
		Nursery and greenhouse crops	980	100 %	0.94	1	921
		Peas, green, excluding cowpeas	5589	100 %	1.10	1.4	8607
		Total Acres Planted:	14496			Total pounds:	29904

Table 30 - Snake River Spring/Summer Run - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Spring/Summer Run - Chinook							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 30 - Snake River Spring/Summer Run - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Gilliam, OR						
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416

Table 30 - Snake River Spring/Summer Run - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343			Total pounds:	624
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096			Total pounds:	119354
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133

Table 30 - Snake River Spring/Summer Run - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Adams, ID							
		Alfalfa, all	9223	50 %	0.75	3	10376
		Nursery and greenhouse crops	8	100 %	0.94	1	8
		Total Acres Planted:	9231		Total pounds:		20760
Asotin, WA							
		Alfalfa, all	1648	50 %	0.75	3	1854
		Peaches	18	1 %	3.10	1	1
		Total Acres Planted:	1666		Total pounds:		3764
Columbia, WA							
		Alfalfa, all	1780	50 %	0.75	3	2002
		Total Acres Planted:	1780		Total pounds:		4005
Custer, ID							
		Alfalfa, all	24467	50 %	0.75	3	27525
		Total Acres Planted:	24467		Total pounds:		55051
Franklin, WA							
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253		Total pounds:		196850
Garfield, WA							
		Alfalfa, all	802	50 %	0.75	3	902
		Total Acres Planted:	802		Total pounds:		1804
Idaho, ID							
		Alfalfa, all	20266	50 %	0.75	3	22799
		Grapes	1	2 %	0.63	8.9	0
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	20268		Total pounds:		45605
Latah, ID							
		Alfalfa, all	7202	50 %	0.75	3	8102
		Beans, all except lima	1135	100 %	1.41	3	4801
		Nursery and greenhouse crops	2193	100 %	0.94	1	2061
		Total Acres Planted:	10530		Total pounds:		23066

Table 30 - Snake River Spring/Summer Run - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Lemhi, ID						
		Alfalfa, all	28143	50 %	0.75	3	31661
		Peaches	3	1 %	3.10	1	0
		Total Acres Planted:	28146			Total pounds:	63331
	Lewis, ID						
		Alfalfa, all	3885	50 %	0.75	3	4371
		Total Acres Planted:	3885			Total pounds:	8741
	Nez Perce, ID						
		Alfalfa, all	6262	50 %	0.75	3	7045
		Beans, all except lima	4561	100 %	1.41	3	19293
		Peaches	22	1 %	3.10	1	1
		Peas, green, excluding cowpeas	1816	100 %	1.10	1.4	2797
		Total Acres Planted:	12661			Total pounds:	36248
	Union, OR						
		Alfalfa, all	25818	50 %	0.75	3	29045
		Beans, all except lima	661	100 %	1.41	3	2796
		Nursery and greenhouse crops	465	100 %	0.94	1	437
		Peaches	12	1 %	3.10	1	0
		Sugar beets	1035	1 %	0.90	5	47
		Total Acres Planted:	27991			Total pounds:	66017
	Valley, ID						
		Alfalfa, all	1599	50 %	0.75	3	1799
		Total Acres Planted:	1599			Total pounds:	3598
	Wallowa, OR						
		Alfalfa, all	18253	50 %	0.75	3	20535
		Total Acres Planted:	18253			Total pounds:	41069
	Whitman, WA						
		Alfalfa, all	6644	50 %	0.75	3	7474
		Beans, all except lima	1283	100 %	1.41	3	5427
		Nursery and greenhouse crops	980	100 %	0.94	1	921
		Peas, green, excluding cowpeas	5589	100 %	1.10	1.4	8607
		Total Acres Planted:	14496			Total pounds:	29904

Table 33 - Puget Sound - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Puget Sound - Chinook							
Habitat Residency							
Clallam, WA							
		Alfalfa, all	1790	50 %	0.75	3	2014
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	160	100 %	0.94	1	150
		Strawberries	13	16 %	0.94	5	10
		Total Acres Planted:	1967		Total pounds:		4261
Grays Harbor, WA							
		Alfalfa, all	125	50 %	0.75	3	141
		Nursery and greenhouse crops	454	100 %	0.94	1	427
		Peas, green, excluding cowpeas	1143	100 %	1.10	1.4	1760
		Total Acres Planted:	1722		Total pounds:		2468
Island, WA							
		Alfalfa, all	2100	50 %	0.75	3	2362
		Grapes	14	2 %	0.63	8.9	2
		Nursery and greenhouse crops	234	100 %	0.94	1	220
		Total Acres Planted:	2348		Total pounds:		5023
Jefferson, WA							
		Nursery and greenhouse crops	64	100 %	0.94	1	60
		Total Acres Planted:	64		Total pounds:		60
King, WA							
		Alfalfa, all	358	50 %	0.75	3	403
		Broccoli	8	10 %	1.88	5	8
		Cabbage, all	110	11 %	1.88	5	114
		Eggplant	1	100 %	1.88	3	6
		Grapes	2	2 %	0.63	8.9	0
		Lettuce and romaine	89	1 %	5.20	2.9	13
		Nursery and greenhouse crops	804	100 %	0.94	1	756
		Peaches	1	1 %	3.10	1	0
		Spinach	34	100 %	1.41	5	240
		Squash	56	100 %	1.88	3	316
		Strawberries	42	16 %	0.94	5	32
		Tomatoes	4	100 %	1.00	1.3	5
		Walnuts, English	3	4 %	1.88	2	0
		Total Acres Planted:	1512		Total pounds:		4802

Table 33 - Puget Sound - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Kitsap, WA						
		Beans, all except lima	1	100 %	1.41	3	4
		Grapes	8	2 %	0.63	8.9	1
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	2202	100 %	0.94	1	2070
		Peas, green, excluding cowpeas	1	100 %	1.10	1.4	2
		Squash	1	100 %	1.88	3	6
		Strawberries	7	16 %	0.94	5	5
		Total Acres Planted:	2223			Total pounds:	2205
	Lewis, WA						
		Alfalfa, all	937	50 %	0.75	3	1054
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	7663	100 %	0.94	1	7203
		Peas, green, excluding cowpeas	1635	100 %	1.10	1.4	2518
		Walnuts, English	4	4 %	1.88	2	1
		Total Acres Planted:	10243			Total pounds:	11866
	Mason, WA						
		Alfalfa, all	125	50 %	0.75	3	141
		Beans, all except lima	2	100 %	1.41	3	8
		Nursery and greenhouse crops	2445	100 %	0.94	1	2298
		Squash	7	100 %	1.88	3	39
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	2580			Total pounds:	2627
	Pierce, WA						
		Alfalfa, all	70	50 %	0.75	3	79
		Beans, all except lima	200	100 %	1.41	3	846
		Cabbage, all	242	11 %	1.88	5	250
		Celery	64	18 %	1.41	5	81
		Lettuce and romaine	607	1 %	5.20	2.9	92
		Nursery and greenhouse crops	2233	100 %	0.94	1	2099
		Strawberries	125	16 %	0.94	5	94
		Total Acres Planted:	3541			Total pounds:	15570
	San Juan, WA						
		Alfalfa, all	170	50 %	0.75	3	191
		Grapes	13	2 %	0.63	8.9	1
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	36	100 %	0.94	1	34
		Peaches	1	1 %	3.10	1	0
		Peas, green, excluding cowpeas	3	100 %	1.10	1.4	5
		Strawberries	2	16 %	0.94	5	2
		Total Acres Planted:	226			Total pounds:	521

Table 33 - Puget Sound - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Skagit, WA						
		Alfalfa, all	782	50 %	0.75	3	880
		Beans, all except lima	4	100 %	1.41	3	17
		Nursery and greenhouse crops	7084	100 %	0.94	1	6659
		Peas, green, excluding cowpeas	10908	100 %	1.10	1.4	16798
		Squash	61	100 %	1.88	3	344
		Strawberries	281	16 %	0.94	5	211
		Total Acres Planted:	19120		Total pounds:		26899
	Snohomish, WA						
		Alfalfa, all	235	50 %	0.75	3	264
		Beans, all except lima	10	100 %	1.41	3	42
		Broccoli	4	10 %	1.88	5	4
		Cabbage, all	4	11 %	1.88	5	4
		Grapes	1	2 %	0.63	8.9	0
		Nursery and greenhouse crops	1728	100 %	0.94	1	1624
		Peas, green, excluding cowpeas	3361	100 %	1.10	1.4	5176
		Squash	7	100 %	1.88	3	39
		Strawberries	81	16 %	0.94	5	61
		Total Acres Planted:	5431		Total pounds:		7873
	Thurston, WA						
		Alfalfa, all	543	50 %	0.75	3	611
		Beans, all except lima	2	100 %	1.41	3	8
		Cabbage, all	2	11 %	1.88	5	2
		Cauliflower	1	26 %	2.10	5	3
		Eggplant	1	100 %	1.88	3	6
		Nursery and greenhouse crops	1723	100 %	0.94	1	1620
		Peas, green, excluding cowpeas	3	100 %	1.10	1.4	5
		Spinach	2	100 %	1.41	5	14
		Squash	7	100 %	1.88	3	39
		Strawberries	74	16 %	0.94	5	56
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	2359		Total pounds:		3292

Table 33 - Puget Sound - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
		Whatcom, WA					
		Alfalfa, all	708	50 %	0.75	3	796
		Beans, all except lima	1	100 %	1.41	3	4
		Broccoli	1	10 %	1.88	5	1
		Cabbage, all	1	11 %	1.88	5	1
		Grapes	10	2 %	0.63	8.9	1
		Lettuce and romaine	2	1 %	5.20	2.9	0
		Nursery and greenhouse crops	696	100 %	0.94	1	654
		Spinach	1	100 %	1.41	5	7
		Strawberries	297	16 %	0.94	5	223
		Tomatoes	5	100 %	1.00	1.3	6
		Walnuts, English	1	4 %	1.88	2	0
		Total Acres Planted:	1723			Total pounds:	3768

Table 34 - Lower Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Lower Columbia - Chinook							
Habitat Residency							
Clackamas, OR							
		Alfalfa, all	1072	50 %	0.75	3	1206
		Beans, all except lima	337	100 %	1.41	3	1426
		Broccoli	184	10 %	1.88	5	173
		Cabbage, all	593	11 %	1.88	5	613
		Cantaloupes	4	100 %	2.90	1.5	17
		Cauliflower	319	26 %	2.10	5	871
		Grapes	207	2 %	0.63	8.9	23
		Kale	6	8 %	1.88	5	5
		Lettuce and romaine	132	1 %	5.20	2.9	20
		Nursery and greenhouse crops	29217	100 %	0.94	1	27464
		Peaches	78	1 %	3.10	1	2
		Peas, green, excluding cowpeas	104	100 %	1.10	1.4	160
		Spinach	31	100 %	1.41	5	219
		Squash	380	100 %	1.88	3	2143
		Strawberries	608	16 %	0.94	5	457
		Sugar beets	106	1 %	0.90	5	5
		Tomatoes	21	100 %	1.00	1.3	27
		Walnuts, English	51	4 %	1.88	2	8
Total Acres Planted:			33450		Total pounds:		51498
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
Total Acres Planted:			2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
Total Acres Planted:			82		Total pounds:		77

Table 34 - Lower Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Columbia, OR						
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104			Total pounds:	2610
	Cowlitz, WA						
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256			Total pounds:	1798
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Lewis, WA						
		Alfalfa, all	937	50 %	0.75	3	1054
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	7663	100 %	0.94	1	7203
		Peas, green, excluding cowpeas	1635	100 %	1.10	1.4	2518
		Walnuts, English	4	4 %	1.88	2	1
		Total Acres Planted:	10243			Total pounds:	11866

Table 34 - Lower Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Marion, OR						
		Alfalfa, all	1315	50 %	0.75	3	1479
		Beans, all except lima	12101	100 %	1.41	3	51187
		Beans, lima	115	100 %	1.41	3	486
		Broccoli	2548	10 %	1.88	5	2395
		Cabbage, all	4210	11 %	1.88	5	4353
		Cauliflower	1505	26 %	2.10	5	4109
		Celery	32	18 %	1.41	5	41
		Grapes	761	2 %	0.63	8.9	85
		Hops	7407	100 %	0.94	5	34813
		Nursery and greenhouse crops	21309	100 %	0.94	1	20030
		Peaches	179	1 %	3.10	1	6
		Peas, green, excluding cowpeas	686	100 %	1.10	1.4	1056
		Peppers, hot	2	6 %	1.90	1.2	0
		Squash	1281	100 %	1.88	3	7225
		Strawberries	1858	16 %	0.94	5	1397
		Sugar beets	940	1 %	0.90	5	42
		Tomatoes	16	100 %	1.00	1.3	21
		Walnuts, English	155	4 %	1.88	2	23
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	56422		Total pounds:		215712
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137		Total pounds:		13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289		Total pounds:		416

Table 34 - Lower Columbia - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133
	Washington, OR						
		Alfalfa, all	1680	50 %	0.75	3	1890
		Beans, all except lima	988	100 %	1.41	3	4179
		Broccoli	400	10 %	1.88	5	376
		Cabbage, all	400	11 %	1.88	5	414
		Cantaloupes	1	100 %	2.90	1.5	4
		Eggplant	1	100 %	1.88	3	6
		Grapes	989	2 %	0.63	8.9	111
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	7538	100 %	0.94	1	7086
		Peaches	168	1 %	3.10	1	5
		Peas, green, excluding cowpeas	840	100 %	1.10	1.4	1294
		Squash	82	100 %	1.88	3	462
		Strawberries	1257	16 %	0.94	5	945
		Tomatoes	27	100 %	1.00	1.3	35
		Walnuts, English	679	4 %	1.88	2	102
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	15055			Total pounds:	38947

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Upper Willamette - Chinook							
Migration Residency							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137		Total pounds:		13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289		Total pounds:		416

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Benton, OR							
		Alfalfa, all	570	50 %	0.75	3	641
		Beans, all except lima	3080	100 %	1.41	3	13028
		Cantaloupes	7	100 %	2.90	1.5	30
		Grapes	242	2 %	0.63	8.9	27
		Lettuce and romaine	10	1 %	5.20	2.9	2
		Nursery and greenhouse crops	6212	100 %	0.94	1	5839
		Peaches	8	1 %	3.10	1	0
		Peas, green, excluding cowpeas	1	100 %	1.10	1.4	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	881	100 %	1.88	3	4969
		Strawberries	17	16 %	0.94	5	13
		Sugar beets	687	1 %	0.90	5	31
		Tomatoes	6	100 %	1.00	1.3	8
		Walnuts, English	23	4 %	1.88	2	3
		Total Acres Planted:	11745			Total pounds:	29950
Clackamas, OR							
		Alfalfa, all	1072	50 %	0.75	3	1206
		Beans, all except lima	337	100 %	1.41	3	1426
		Broccoli	184	10 %	1.88	5	173
		Cabbage, all	593	11 %	1.88	5	613
		Cantaloupes	4	100 %	2.90	1.5	17
		Cauliflower	319	26 %	2.10	5	871
		Grapes	207	2 %	0.63	8.9	23
		Kale	6	8 %	1.88	5	5
		Lettuce and romaine	132	1 %	5.20	2.9	20
		Nursery and greenhouse crops	29217	100 %	0.94	1	27464
		Peaches	78	1 %	3.10	1	2
		Peas, green, excluding cowpeas	104	100 %	1.10	1.4	160
		Spinach	31	100 %	1.41	5	219
		Squash	380	100 %	1.88	3	2143
		Strawberries	608	16 %	0.94	5	457
		Sugar beets	106	1 %	0.90	5	5
		Tomatoes	21	100 %	1.00	1.3	27
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	33450			Total pounds:	51498

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Douglas, OR						
		Alfalfa, all	1984	50 %	0.75	3	2232
		Beans, all except lima	19	100 %	1.41	3	80
		Broccoli	3	10 %	1.88	5	3
		Cabbage, all	7	11 %	1.88	5	7
		Cantaloupes	68	100 %	2.90	1.5	296
		Eggplant	3	100 %	1.88	3	17
		Grapes	581	2 %	0.63	8.9	65
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	1428	100 %	0.94	1	1342
		Peaches	53	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	17	100 %	1.88	3	96
		Strawberries	24	16 %	0.94	5	18
		Tomatoes	41	100 %	1.00	1.3	53
		Walnuts, English	171	4 %	1.88	2	26
		Watermelons	52	100 %	2.90	1.5	226
		Total Acres Planted:	4453			Total pounds:	10863
	Lane, OR						
		Alfalfa, all	876	50 %	0.75	3	986
		Beans, all except lima	1796	100 %	1.41	3	7597
		Broccoli	5	10 %	1.88	5	5
		Cabbage, all	20	11 %	1.88	5	21
		Cantaloupes	7	100 %	2.90	1.5	30
		Cauliflower	4	26 %	2.10	5	11
		Grapes	631	2 %	0.63	8.9	71
		Lettuce and romaine	15	1 %	5.20	2.9	2
		Nursery and greenhouse crops	3563	100 %	0.94	1	3349
		Peaches	54	1 %	3.10	1	2
		Peppers, hot	2	6 %	1.90	1.2	0
		Spinach	1	100 %	1.41	5	7
		Squash	27	100 %	1.88	3	152
		Strawberries	74	16 %	0.94	5	56
		Sugar beets	773	1 %	0.90	5	35
		Tomatoes	55	100 %	1.00	1.3	71
		Walnuts, English	105	4 %	1.88	2	16
		Total Acres Planted:	8008			Total pounds:	21611

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Linn, OR						
		Alfalfa, all	2507	50 %	0.75	3	2820
		Beans, all except lima	2688	100 %	1.41	3	11370
		Broccoli	267	10 %	1.88	5	251
		Cabbage, all	431	11 %	1.88	5	446
		Cantaloupes	3	100 %	2.90	1.5	13
		Cauliflower	164	26 %	2.10	5	448
		Grapes	93	2 %	0.63	8.9	10
		Nursery and greenhouse crops	1563	100 %	0.94	1	1469
		Peaches	73	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	479	100 %	1.88	3	2702
		Strawberries	52	16 %	0.94	5	39
		Sugar beets	281	1 %	0.90	5	13
		Tomatoes	7	100 %	1.00	1.3	9
		Walnuts, English	55	4 %	1.88	2	8
		Total Acres Planted:	8664			Total pounds:	31951
	Marion, OR						
		Alfalfa, all	1315	50 %	0.75	3	1479
		Beans, all except lima	12101	100 %	1.41	3	51187
		Beans, lima	115	100 %	1.41	3	486
		Broccoli	2548	10 %	1.88	5	2395
		Cabbage, all	4210	11 %	1.88	5	4353
		Cauliflower	1505	26 %	2.10	5	4109
		Celery	32	18 %	1.41	5	41
		Grapes	761	2 %	0.63	8.9	85
		Hops	7407	100 %	0.94	5	34813
		Nursery and greenhouse crops	21309	100 %	0.94	1	20030
		Peaches	179	1 %	3.10	1	6
		Peas, green, excluding cowpeas	686	100 %	1.10	1.4	1056
		Peppers, hot	2	6 %	1.90	1.2	0
		Squash	1281	100 %	1.88	3	7225
		Strawberries	1858	16 %	0.94	5	1397
		Sugar beets	940	1 %	0.90	5	42
		Tomatoes	16	100 %	1.00	1.3	21
		Walnuts, English	155	4 %	1.88	2	23
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	56422			Total pounds:	215712

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Polk, OR						
		Alfalfa, all	774	50 %	0.75	3	871
		Beans, all except lima	598	100 %	1.41	3	2530
		Cantaloupes	15	100 %	2.90	1.5	65
		Grapes	1123	2 %	0.63	8.9	126
		Nursery and greenhouse crops	6638	100 %	0.94	1	6240
		Peaches	51	1 %	3.10	1	2
		Squash	1	100 %	1.88	3	6
		Strawberries	22	16 %	0.94	5	17
		Sugar beets	130	1 %	0.90	5	6
		Tomatoes	4	100 %	1.00	1.3	5
		Walnuts, English	33	4 %	1.88	2	5
		Total Acres Planted:	9389			Total pounds:	17855
	Washington, OR						
		Alfalfa, all	1680	50 %	0.75	3	1890
		Beans, all except lima	988	100 %	1.41	3	4179
		Broccoli	400	10 %	1.88	5	376
		Cabbage, all	400	11 %	1.88	5	414
		Cantaloupes	1	100 %	2.90	1.5	4
		Eggplant	1	100 %	1.88	3	6
		Grapes	989	2 %	0.63	8.9	111
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	7538	100 %	0.94	1	7086
		Peaches	168	1 %	3.10	1	5
		Peas, green, excluding cowpeas	840	100 %	1.10	1.4	1294
		Squash	82	100 %	1.88	3	462
		Strawberries	1257	16 %	0.94	5	945
		Tomatoes	27	100 %	1.00	1.3	35
		Walnuts, English	679	4 %	1.88	2	102
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	15055			Total pounds:	38947

Table 35 - Upper Willamette - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Yamhill, OR						
		Alfalfa, all	2294	50 %	0.75	3	2581
		Beans, all except lima	1838	100 %	1.41	3	7775
		Broccoli	308	10 %	1.88	5	290
		Cabbage, all	308	11 %	1.88	5	318
		Cantaloupes	12	100 %	2.90	1.5	52
		Grapes	2887	2 %	0.63	8.9	324
		Nursery and greenhouse crops	5590	100 %	0.94	1	5255
		Peaches	104	1 %	3.10	1	3
		Squash	133	100 %	1.88	3	750
		Strawberries	265	16 %	0.94	5	199
		Sugar beets	151	1 %	0.90	5	7
		Tomatoes	9	100 %	1.00	1.3	12
		Walnuts, English	608	4 %	1.88	2	91
		Total Acres Planted:	14507			Total pounds:	45515

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Upper Columbia - Chinook							
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Franklin, WA						
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253			Total pounds:	196850
	Gilliam, OR						
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137		Total pounds:		13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289		Total pounds:		416
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343		Total pounds:		624
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164		Total pounds:		369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096		Total pounds:		119354

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133
	Yakima, WA						
		Alfalfa, all	33833	50 %	0.75	3	38062
		Beans, all except lima	2251	100 %	1.41	3	9522
		Beans, lima	731	100 %	1.41	3	3092
		Cabbage, all	144	11 %	1.88	5	149
		Cantaloupes	78	100 %	2.90	1.5	339
		Eggplant	5	100 %	1.88	3	28
		Grapes	15529	2 %	0.63	8.9	1741
		Hops	27449	100 %	0.94	5	129010
		Nursery and greenhouse crops	821	100 %	0.94	1	772
		Peaches	1438	1 %	3.10	1	45
		Peas, green, excluding cowpeas	1201	100 %	1.10	1.4	1850
		Peppers, hot	41	6 %	1.90	1.2	6
		Squash	292	100 %	1.88	3	1647
		Tomatoes	293	100 %	1.00	1.3	381
		Walnuts, English	11	4 %	1.88	2	2
		Watermelons	151	100 %	2.90	1.5	657
		Total Acres Planted:	84268			Total pounds:	316439

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Chelan, WA							
		Alfalfa, all	1210	50 %	0.75	3	1361
		Nursery and greenhouse crops	56	100 %	0.94	1	53
		Peaches	21	1 %	3.10	1	1
		Total Acres Planted:	1287		Total pounds:		2840
Douglas, WA							
		Alfalfa, all	1763	50 %	0.75	3	1983
		Nursery and greenhouse crops	11	100 %	0.94	1	10
		Peaches	167	1 %	3.10	1	5
		Total Acres Planted:	1941		Total pounds:		4495
Grant, WA							
		Alfalfa, all	120251	50 %	0.75	3	135282
		Beans, all except lima	18024	100 %	1.41	3	76242
		Beans, lima	3878	100 %	1.41	3	16404
		Cantaloupes	35	100 %	2.90	1.5	152
		Grapes	3132	2 %	0.63	8.9	351
		Nursery and greenhouse crops	6454	100 %	0.94	1	6067
		Peaches	261	1 %	3.10	1	8
		Peas, green, excluding cowpeas	12829	100 %	1.10	1.4	19757
		Peppers, hot	3	6 %	1.90	1.2	0
		Squash	4	100 %	1.88	3	23
		Strawberries	2	16 %	0.94	5	2
		Sugar beets	10792	1 %	0.90	5	486
		Tomatoes	5	100 %	1.00	1.3	6
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	175675		Total pounds:		456185
Kittitas, WA							
		Alfalfa, all	8571	50 %	0.75	3	9642
		Nursery and greenhouse crops	224	100 %	0.94	1	211
		Peaches	1	1 %	3.10	1	0
		Total Acres Planted:	8796		Total pounds:		19499

Table 36 - Upper Columbia - Chinook

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Okanogan, WA						
		Alfalfa, all	21880	50 %	0.75	3	24615
		Broccoli	1	10 %	1.88	5	1
		Cabbage, all	1	11 %	1.88	5	1
		Nursery and greenhouse crops	111	100 %	0.94	1	104
		Peaches	67	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	1	100 %	1.88	3	6
		Walnuts, English	29	4 %	1.88	2	4
		Total Acres Planted:	22091			Total pounds:	49677

Table 38 - Southern OR/Northern CA coast - Coho

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Southern OR/Northern CA coast - Coho							
Habitat Residency							
Curry, OR							
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	182	100 %	0.94	1	171
		Strawberries	1	16 %	0.94	5	1
		Total Acres Planted:	184		Total pounds:		191
Douglas, OR							
		Alfalfa, all	1984	50 %	0.75	3	2232
		Beans, all except lima	19	100 %	1.41	3	80
		Broccoli	3	10 %	1.88	5	3
		Cabbage, all	7	11 %	1.88	5	7
		Cantaloupes	68	100 %	2.90	1.5	296
		Eggplant	3	100 %	1.88	3	17
		Grapes	581	2 %	0.63	8.9	65
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	1428	100 %	0.94	1	1342
		Peaches	53	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	17	100 %	1.88	3	96
		Strawberries	24	16 %	0.94	5	18
		Tomatoes	41	100 %	1.00	1.3	53
		Walnuts, English	171	4 %	1.88	2	26
		Watermelons	52	100 %	2.90	1.5	226
		Total Acres Planted:	4453		Total pounds:		10863
Jackson, OR							
		Alfalfa, all	3954	50 %	0.75	3	4448
		Broccoli	1	10 %	1.88	5	1
		Cabbage, all	1	11 %	1.88	5	1
		Cantaloupes	6	100 %	2.90	1.5	26
		Eggplant	3	100 %	1.88	3	17
		Grapes	400	2 %	0.63	8.9	45
		Lettuce and romaine	8	1 %	5.20	2.9	1
		Nursery and greenhouse crops	178	100 %	0.94	1	167
		Peaches	198	1 %	3.10	1	6
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	15	100 %	1.88	3	85
		Strawberries	18	16 %	0.94	5	14
		Tomatoes	26	100 %	1.00	1.3	34
		Walnuts, English	27	4 %	1.88	2	4
		Watermelons	5	100 %	2.90	1.5	22
		Total Acres Planted:	4841		Total pounds:		12432

Table 38 - Southern OR/Northern CA coast - Coho

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Josephine, OR						
		Alfalfa, all	1143	50 %	0.75	3	1286
		Beans, all except lima	1	100 %	1.41	3	4
		Broccoli	2	10 %	1.88	5	2
		Cabbage, all	4	11 %	1.88	5	4
		Cantaloupes	3	100 %	2.90	1.5	13
		Cauliflower	1	26 %	2.10	5	3
		Grapes	355	2 %	0.63	8.9	40
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	329	100 %	0.94	1	309
		Peaches	29	1 %	3.10	1	1
		Peas, green, excluding cowpeas	2	100 %	1.10	1.4	3
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	3	100 %	1.88	3	17
		Strawberries	3	16 %	0.94	5	2
		Tomatoes	5	100 %	1.00	1.3	6
		Walnuts, English	18	4 %	1.88	2	3
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	1902		Total pounds:		5179
	Klamath, OR						
		Alfalfa, all	61176	50 %	0.75	3	68823
		Strawberries	17	16 %	0.94	5	13
		Sugar beets	3499	1 %	0.90	5	157
		Total Acres Planted:	64692		Total pounds:		153471

Table 39 - Oregon Coast - Coho

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Oregon Coast - Coho							
<i>Habitat Residency</i>							
Benton, OR							
		Alfalfa, all	570	50 %	0.75	3	641
		Beans, all except lima	3080	100 %	1.41	3	13028
		Cantaloupes	7	100 %	2.90	1.5	30
		Grapes	242	2 %	0.63	8.9	27
		Lettuce and romaine	10	1 %	5.20	2.9	2
		Nursery and greenhouse crops	6212	100 %	0.94	1	5839
		Peaches	8	1 %	3.10	1	0
		Peas, green, excluding cowpeas	1	100 %	1.10	1.4	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	881	100 %	1.88	3	4969
		Strawberries	17	16 %	0.94	5	13
		Sugar beets	687	1 %	0.90	5	31
		Tomatoes	6	100 %	1.00	1.3	8
		Walnuts, English	23	4 %	1.88	2	3
		Total Acres Planted:	11745		Total pounds:		29950
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Coos, OR							
		Grapes	12	2 %	0.63	8.9	1
		Nursery and greenhouse crops	74	100 %	0.94	1	70
		Peaches	1	1 %	3.10	1	0
		Walnuts, English	1	4 %	1.88	2	0
		Total Acres Planted:	88		Total pounds:		144
Curry, OR							
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	182	100 %	0.94	1	171
		Strawberries	1	16 %	0.94	5	1
		Total Acres Planted:	184		Total pounds:		191

Table 39 - Oregon Coast - Coho

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Douglas, OR						
		Alfalfa, all	1984	50 %	0.75	3	2232
		Beans, all except lima	19	100 %	1.41	3	80
		Broccoli	3	10 %	1.88	5	3
		Cabbage, all	7	11 %	1.88	5	7
		Cantaloupes	68	100 %	2.90	1.5	296
		Eggplant	3	100 %	1.88	3	17
		Grapes	581	2 %	0.63	8.9	65
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	1428	100 %	0.94	1	1342
		Peaches	53	1 %	3.10	1	2
		Peppers, hot	1	6 %	1.90	1.2	0
		Squash	17	100 %	1.88	3	96
		Strawberries	24	16 %	0.94	5	18
		Tomatoes	41	100 %	1.00	1.3	53
		Walnuts, English	171	4 %	1.88	2	26
		Watermelons	52	100 %	2.90	1.5	226
		Total Acres Planted:	4453			Total pounds:	10863
	Lane, OR						
		Alfalfa, all	876	50 %	0.75	3	986
		Beans, all except lima	1796	100 %	1.41	3	7597
		Broccoli	5	10 %	1.88	5	5
		Cabbage, all	20	11 %	1.88	5	21
		Cantaloupes	7	100 %	2.90	1.5	30
		Cauliflower	4	26 %	2.10	5	11
		Grapes	631	2 %	0.63	8.9	71
		Lettuce and romaine	15	1 %	5.20	2.9	2
		Nursery and greenhouse crops	3563	100 %	0.94	1	3349
		Peaches	54	1 %	3.10	1	2
		Peppers, hot	2	6 %	1.90	1.2	0
		Spinach	1	100 %	1.41	5	7
		Squash	27	100 %	1.88	3	152
		Strawberries	74	16 %	0.94	5	56
		Sugar beets	773	1 %	0.90	5	35
		Tomatoes	55	100 %	1.00	1.3	71
		Walnuts, English	105	4 %	1.88	2	16
		Total Acres Planted:	8008			Total pounds:	21611

Table 39 - Oregon Coast - Coho

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Lincoln, OR						
		Beans, all except lima	1	100 %	1.41	3	4
		Broccoli	1	10 %	1.88	5	1
		Cabbage, all	1	11 %	1.88	5	1
		Grapes	1	2 %	0.63	8.9	0
		Lettuce and romaine	1	1 %	5.20	2.9	0
		Nursery and greenhouse crops	118	100 %	0.94	1	111
		Squash	1	100 %	1.88	3	6
		Total Acres Planted:	124		Total pounds:		160
	Polk, OR						
		Alfalfa, all	774	50 %	0.75	3	871
		Beans, all except lima	598	100 %	1.41	3	2530
		Cantaloupes	15	100 %	2.90	1.5	65
		Grapes	1123	2 %	0.63	8.9	126
		Nursery and greenhouse crops	6638	100 %	0.94	1	6240
		Peaches	51	1 %	3.10	1	2
		Squash	1	100 %	1.88	3	6
		Strawberries	22	16 %	0.94	5	17
		Sugar beets	130	1 %	0.90	5	6
		Tomatoes	4	100 %	1.00	1.3	5
		Walnuts, English	33	4 %	1.88	2	5
		Total Acres Planted:	9389		Total pounds:		17855
	Tillamook, OR						
		Nursery and greenhouse crops	86	100 %	0.94	1	81
		Total Acres Planted:	86		Total pounds:		81

Table 40 - Hood Canal Summer Run - Chum

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Hood Canal Summer Run - Chum							
Habitat Residency							
Clallam, WA							
		Alfalfa, all	1790	50 %	0.75	3	2014
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	160	100 %	0.94	1	150
		Strawberries	13	16 %	0.94	5	10
		Total Acres Planted:	1967		Total pounds:		4261
Island, WA							
		Alfalfa, all	2100	50 %	0.75	3	2362
		Grapes	14	2 %	0.63	8.9	2
		Nursery and greenhouse crops	234	100 %	0.94	1	220
		Total Acres Planted:	2348		Total pounds:		5023
Jefferson, WA							
		Nursery and greenhouse crops	64	100 %	0.94	1	60
		Total Acres Planted:	64		Total pounds:		60
Kitsap, WA							
		Beans, all except lima	1	100 %	1.41	3	4
		Grapes	8	2 %	0.63	8.9	1
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	2202	100 %	0.94	1	2070
		Peas, green, excluding cowpeas	1	100 %	1.10	1.4	2
		Squash	1	100 %	1.88	3	6
		Strawberries	7	16 %	0.94	5	5
		Total Acres Planted:	2223		Total pounds:		2205
Mason, WA							
		Alfalfa, all	125	50 %	0.75	3	141
		Beans, all except lima	2	100 %	1.41	3	8
		Nursery and greenhouse crops	2445	100 %	0.94	1	2298
		Squash	7	100 %	1.88	3	39
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	2580		Total pounds:		2627

Table 41 - Columbia River - Chum

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Columbia River - Chum							
<i>Habitat Residency</i>							
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Cowlitz, WA							
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256		Total pounds:		1798
Lewis, WA							
		Alfalfa, all	937	50 %	0.75	3	1054
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	7663	100 %	0.94	1	7203
		Peas, green, excluding cowpeas	1635	100 %	1.10	1.4	2518
		Walnuts, English	4	4 %	1.88	2	1
		Total Acres Planted:	10243		Total pounds:		11866

Table 41 - Columbia River - Chum

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Washington, OR						
		Alfalfa, all	1680	50 %	0.75	3	1890
		Beans, all except lima	988	100 %	1.41	3	4179
		Broccoli	400	10 %	1.88	5	376
		Cabbage, all	400	11 %	1.88	5	414
		Cantaloupes	1	100 %	2.90	1.5	4
		Eggplant	1	100 %	1.88	3	6
		Grapes	989	2 %	0.63	8.9	111
		Lettuce and romaine	3	1 %	5.20	2.9	0
		Nursery and greenhouse crops	7538	100 %	0.94	1	7086
		Peaches	168	1 %	3.10	1	5
		Peas, green, excluding cowpeas	840	100 %	1.10	1.4	1294
		Squash	82	100 %	1.88	3	462
		Strawberries	1257	16 %	0.94	5	945
		Tomatoes	27	100 %	1.00	1.3	35
		Walnuts, English	679	4 %	1.88	2	102
		Watermelons	2	100 %	2.90	1.5	9
		Total Acres Planted:	15055			Total pounds:	38947

Table 42 - Ozette Lake - Sockeye

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Ozette Lake - Sockeye							
	<i>Habitat Residency</i>						
	Clallam, WA						
		Alfalfa, all	1790	50 %	0.75	3	2014
		Grapes	4	2 %	0.63	8.9	0
		Nursery and greenhouse crops	160	100 %	0.94	1	150
		Strawberries	13	16 %	0.94	5	10
		Total Acres Planted:	1967		Total pounds:		4261

Table 43 - Snake River - Sockeye

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River - Sockeye							
<i>Migration Residency</i>							
Asotin, WA							
		Alfalfa, all	1648	50 %	0.75	3	1854
		Peaches	18	1 %	3.10	1	1
		Total Acres Planted:	1666		Total pounds:		3764
Benton, WA							
		Alfalfa, all	13241	50 %	0.75	3	14896
		Grapes	15929	2 %	0.63	8.9	1786
		Hops	4412	100 %	0.94	5	20736
		Nursery and greenhouse crops	218	100 %	0.94	1	205
		Peaches	149	1 %	3.10	1	5
		Sugar beets	4284	1 %	0.90	5	193
		Tomatoes	3	100 %	1.00	1.3	4
		Walnuts, English	41	4 %	1.88	2	6
		Total Acres Planted:	38277		Total pounds:		159945
Clark, WA							
		Alfalfa, all	836	50 %	0.75	3	940
		Beans, all except lima	2	100 %	1.41	3	8
		Grapes	32	2 %	0.63	8.9	4
		Nursery and greenhouse crops	1115	100 %	0.94	1	1048
		Peaches	46	1 %	3.10	1	1
		Squash	2	100 %	1.88	3	11
		Strawberries	162	16 %	0.94	5	122
		Tomatoes	10	100 %	1.00	1.3	13
		Walnuts, English	51	4 %	1.88	2	8
		Total Acres Planted:	2256		Total pounds:		4236
Clatsop, OR							
		Nursery and greenhouse crops	82	100 %	0.94	1	77
		Total Acres Planted:	82		Total pounds:		77
Columbia, OR							
		Alfalfa, all	421	50 %	0.75	3	474
		Grapes	6	2 %	0.63	8.9	1
		Nursery and greenhouse crops	1660	100 %	0.94	1	1560
		Strawberries	6	16 %	0.94	5	5
		Walnuts, English	11	4 %	1.88	2	2
		Total Acres Planted:	2104		Total pounds:		2610
Columbia, WA							
		Alfalfa, all	1780	50 %	0.75	3	2002
		Total Acres Planted:	1780		Total pounds:		4005

Table 43 - Snake River - Sockeye

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Cowlitz, WA						
		Alfalfa, all	105	50 %	0.75	3	118
		Beans, all except lima	1	100 %	1.41	3	4
		Nursery and greenhouse crops	373	100 %	0.94	1	351
		Peas, green, excluding cowpeas	771	100 %	1.10	1.4	1187
		Tomatoes	1	100 %	1.00	1.3	1
		Walnuts, English	5	4 %	1.88	2	1
		Total Acres Planted:	1256			Total pounds:	1798
	Franklin, WA						
		Alfalfa, all	71910	50 %	0.75	3	80899
		Beans, all except lima	2706	100 %	1.41	3	11446
		Beans, lima	988	100 %	1.41	3	4179
		Cantaloupes	5	100 %	2.90	1.5	22
		Grapes	2813	2 %	0.63	8.9	315
		Nursery and greenhouse crops	1982	100 %	0.94	1	1863
		Peaches	262	1 %	3.10	1	8
		Peas, green, excluding cowpeas	568	100 %	1.10	1.4	875
		Strawberries	17	16 %	0.94	5	13
		Tomatoes	2	100 %	1.00	1.3	3
		Total Acres Planted:	81253			Total pounds:	196850
	Garfield, WA						
		Alfalfa, all	802	50 %	0.75	3	902
		Total Acres Planted:	802			Total pounds:	1804
	Gilliam, OR						
		Alfalfa, all	2450	50 %	0.75	3	2756
		Total Acres Planted:	2450			Total pounds:	5512
	Hood River, OR						
		Alfalfa, all	443	50 %	0.75	3	498
		Grapes	63	2 %	0.63	8.9	7
		Nursery and greenhouse crops	243	100 %	0.94	1	228
		Peaches	13	1 %	3.10	1	0
		Total Acres Planted:	762			Total pounds:	1618
	Idaho, ID						
		Alfalfa, all	20266	50 %	0.75	3	22799
		Grapes	1	2 %	0.63	8.9	0
		Tomatoes	1	100 %	1.00	1.3	1
		Total Acres Planted:	20268			Total pounds:	45605

Table 43 - Snake River - Sockeye

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Klickitat, WA						
		Alfalfa, all	28434	50 %	0.75	3	31988
		Grapes	419	2 %	0.63	8.9	47
		Peaches	199	1 %	3.10	1	6
		Tomatoes	9	100 %	1.00	1.3	12
		Total Acres Planted:	29061			Total pounds:	66954
	Lemhi, ID						
		Alfalfa, all	28143	50 %	0.75	3	31661
		Peaches	3	1 %	3.10	1	0
		Total Acres Planted:	28146			Total pounds:	63331
	Lewis, ID						
		Alfalfa, all	3885	50 %	0.75	3	4371
		Total Acres Planted:	3885			Total pounds:	8741
	Morrow, OR						
		Alfalfa, all	22180	50 %	0.75	3	24952
		Peas, green, excluding cowpeas	729	100 %	1.10	1.4	1123
		Total Acres Planted:	22909			Total pounds:	51028
	Multnomah, OR						
		Alfalfa, all	389	50 %	0.75	3	438
		Beans, all except lima	77	100 %	1.41	3	326
		Broccoli	29	10 %	1.88	5	27
		Cabbage, all	553	11 %	1.88	5	572
		Cauliflower	55	26 %	2.10	5	150
		Grapes	28	2 %	0.63	8.9	3
		Lettuce and romaine	62	1 %	5.20	2.9	9
		Nursery and greenhouse crops	2936	100 %	0.94	1	2760
		Peaches	36	1 %	3.10	1	1
		Peas, green, excluding cowpeas	616	100 %	1.10	1.4	949
		Squash	163	100 %	1.88	3	919
		Strawberries	171	16 %	0.94	5	129
		Tomatoes	20	100 %	1.00	1.3	26
		Walnuts, English	2	4 %	1.88	2	0
		Total Acres Planted:	5137			Total pounds:	13919
	Nez Perce, ID						
		Alfalfa, all	6262	50 %	0.75	3	7045
		Beans, all except lima	4561	100 %	1.41	3	19293
		Peaches	22	1 %	3.10	1	1
		Peas, green, excluding cowpeas	1816	100 %	1.10	1.4	2797
		Total Acres Planted:	12661			Total pounds:	36248

Table 43 - Snake River - Sockeye

ESU:	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
	Pacific, WA						
		Alfalfa, all	110	50 %	0.75	3	124
		Nursery and greenhouse crops	179	100 %	0.94	1	168
		Total Acres Planted:	289			Total pounds:	416
	Sherman, OR						
		Alfalfa, all	230	50 %	0.75	3	259
		Nursery and greenhouse crops	113	100 %	0.94	1	106
		Total Acres Planted:	343			Total pounds:	624
	Skamania, WA						
		Alfalfa, all	164	50 %	0.75	3	184
		Total Acres Planted:	164			Total pounds:	369
	Umatilla, OR						
		Alfalfa, all	25033	50 %	0.75	3	28162
		Beans, all except lima	2088	100 %	1.41	3	8832
		Beans, lima	1239	100 %	1.41	3	5241
		Cantaloupes	126	100 %	2.90	1.5	548
		Grapes	163	2 %	0.63	8.9	18
		Nursery and greenhouse crops	396	100 %	0.94	1	372
		Peaches	7	1 %	3.10	1	0
		Peas, green, excluding cowpeas	28171	100 %	1.10	1.4	43383
		Strawberries	9	16 %	0.94	5	7
		Tomatoes	27	100 %	1.00	1.3	35
		Watermelons	837	100 %	2.90	1.5	3641
		Total Acres Planted:	58096			Total pounds:	119354
	Walla Walla, WA						
		Alfalfa, all	17547	50 %	0.75	3	19740
		Beans, all except lima	5707	100 %	1.41	3	24141
		Beans, lima	458	100 %	1.41	3	1937
		Cabbage, all	6	11 %	1.88	5	6
		Nursery and greenhouse crops	2714	100 %	0.94	1	2551
		Peas, green, excluding cowpeas	10962	100 %	1.10	1.4	16881
		Spinach	306	100 %	1.41	5	2157
		Total Acres Planted:	37700			Total pounds:	87204
	Wallowa, OR						
		Alfalfa, all	18253	50 %	0.75	3	20535
		Total Acres Planted:	18253			Total pounds:	41069

Table 43 - Snake River - Sockeye

ESU:	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
	Wasco, OR						
		Alfalfa, all	7239	50 %	0.75	3	8144
		Grapes	110	2 %	0.63	8.9	12
		Nursery and greenhouse crops	144	100 %	0.94	1	135
		Peaches	30	1 %	3.10	1	1
		Total Acres Planted:	7523			Total pounds:	17133
	Whitman, WA						
		Alfalfa, all	6644	50 %	0.75	3	7474
		Beans, all except lima	1283	100 %	1.41	3	5427
		Nursery and greenhouse crops	980	100 %	0.94	1	921
		Peas, green, excluding cowpeas	5589	100 %	1.10	1.4	8607
		Total Acres Planted:	14496			Total pounds:	29904
	<i>Spawning and Growth Residency</i>						
	Blaine, ID						
		Alfalfa, all	17425	50 %	0.75	3	19603
		Nursery and greenhouse crops	28	100 %	0.94	1	26
		Total Acres Planted:	17453			Total pounds:	39232
	Custer, ID						
		Alfalfa, all	24467	50 %	0.75	3	27525
		Total Acres Planted:	24467			Total pounds:	55051