

Attachment E

Trifluralin Usage for Pacific Northwest States

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Upper Columbia River - Steelhead							
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
		Total Acres Planted:	24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
		Total Acres Planted:	4390			Total pounds:	33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Gilliam, OR							
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
		Total Acres Planted:	119592			Total pounds:	3843
Hood River, OR							
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
		Total Acres Planted:	112691			Total pounds:	4339
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
		Total Acres Planted:	249838			Total pounds:	9488

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
Sherman, OR							
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786

Total pounds affecting the Migration residency of Upper Columbia River - Steelhead: 83,351

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113		Total pounds:		14828
Chelan, WA							
		Alfalfa, all	1210	2%	4.00	1	97
		Apricots	81	100%	2.00	1	162
		Hay, all	1953	1%	0.75	1	15
		Nectarines	22	100%	2.00	1	44
		Peaches	21	1%	2.00	1	0
		Plums and prunes	3	1%	2.00	1	0
		Wheat for grain, total	1864	3%	1.00	1	56
Total Acres Planted:			5154		Total pounds:		374
Douglas, WA							
		Alfalfa, all	1763	2%	4.00	1	141
		Apricots	315	100%	2.00	1	630
		Barley	2751	5%	1.00	1	138
		Canola (edible)	338	7%	1.00	1	24
		Hay, all	3516	1%	0.75	1	26
		Nectarines	91	100%	2.00	1	182
		Oats	671	1%	2.00	1	13
		Peaches	167	1%	2.00	1	3
		Wheat for grain, total	200291	3%	1.00	1	6009
Total Acres Planted:			209903		Total pounds:		7166

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
Total Acres Planted:			344126			Total pounds:	27150

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Grant, WA							
		Alfalfa, all	120251	2%	4.00	1	9620
		Apricots	266	100%	2.00	1	532
		Asparagus	940	22%	2.00	1	414
		Barley	6548	5%	1.00	1	327
		Beans, dry edible, excluding dry	17353	37%	1.02	1	6526
		Beans, lima	3878	85%	3.99	1	13152
		Beans, snap	671	85%	3.99	1	2276
		Canola (edible)	642	7%	1.00	1	45
		Cantaloupes	35	18%	3.99	1	25
		Carrots	2207	25%	3.99	1	2201
		Corn, field	35123	1%	1.00	1	351
		Corn, sweet	32540	1%	1.00	1	325
		Cucumbers	1	3%	3.99	1	0
		Cucurbits, all	40	100%	1.00	1	40
		Grapes	3132	3%	4.00	3	1128
		Hay, all	126450	1%	0.75	1	948
		Mint for oil	15610	1%	0.75	1	117
		Nectarines	163	100%	2.00	1	326
		Oats	468	1%	2.00	1	9
		Onions, dry	6214	12%	0.63	1	466
		Peaches	261	1%	2.00	1	5
		Peas, dry edible	4976	19%	1.00	1	945
		Peas, green, excluding cowpeas	12829	17%	1.01	1	2196
		Peppers, hot	3	100%	1.00	1	3
		Plums and prunes	5	1%	2.00	1	0
		Potatoes (excluding sweet	44263	7%	1.02	1	3160
		Pumpkins	93	2%	3.99	1	7
		Squash	4	7%	3.99	1	1
		Sugar beets	10792	8%	0.75	1	648
		Tomatoes	5	53%	1.20	1	3
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	203498	3%	1.00	1	6105
Total Acres Planted:			649266		Total pounds:		51911

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Kittitas, WA							
		Alfalfa, all	8571	2%	4.00	1	686
		Barley	135	5%	1.00	1	7
		Corn, field	110	1%	1.00	1	1
		Corn, sweet	4432	1%	1.00	1	44
		Hay, all	45655	1%	0.75	1	342
		Mint for oil	409	1%	0.75	1	3
		Oats	898	1%	2.00	1	18
		Peaches	1	1%	2.00	1	0
		Plums and prunes	1	1%	2.00	1	0
		Potatoes (excluding sweet	442	7%	1.02	1	32
		Wheat for grain, total	5224	3%	1.00	1	157
Total Acres Planted:			65878		Total pounds:		1290
Okanogan, WA							
		Alfalfa, all	21880	2%	4.00	1	1750
		Apricots	13	100%	2.00	1	26
		Barley	614	5%	1.00	1	31
		Broccoli	1	32%	3.99	1	1
		Cabbage, all	1	35%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, sweet	7	1%	1.00	1	0
		Cucurbits, all	1	100%	1.00	1	1
		Hay, all	34283	1%	0.75	1	257
		Nectarines	38	100%	2.00	1	76
		Oats	1407	1%	2.00	1	28
		Peaches	67	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Plums and prunes	1	1%	2.00	1	0
		Squash	1	7%	3.99	1	0
		Walnuts, English	29	100%	2.00	1	58
		Wheat for grain, total	8410	3%	1.00	1	252
Total Acres Planted:			66755		Total pounds:		2484

Table E-1: Upper Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Yakima, WA							
		Alfalfa, all	33833	2%	4.00	1	2707
		Apricots	285	100%	2.00	1	570
		Asparagus	7034	22%	2.00	1	3095
		Barley	502	5%	1.00	1	25
		Beans, dry edible, excluding dry	2145	37%	1.02	1	807
		Beans, lima	731	85%	3.99	1	2479
		Beans, snap	106	85%	3.99	1	359
		Cabbage, all	144	35%	3.99	1	201
		Cantaloupes	78	18%	3.99	1	56
		Corn, field	24053	1%	1.00	1	241
		Corn, sweet	6478	1%	1.00	1	65
		Cucumbers	194	3%	3.99	1	23
		Cucurbits, all	727	100%	1.00	1	727
		Eggplant	5	100%	1.00	1	5
		Grapes	15529	3%	4.00	3	5590
		Hay, all	43868	1%	0.75	1	329
		Hops	27449	2%	1.00	1	549
		Mint for oil	12577	1%	0.75	1	94
		Nectarines	605	100%	2.00	1	1210
		Peaches	1438	1%	2.00	1	29
		Peas, green, excluding cowpeas	1201	17%	1.01	1	206
		Peppers, hot	41	100%	1.00	1	41
		Peppers, sweet	439	22%	3.99	1	385
		Plums and prunes	478	1%	2.00	1	10
		Potatoes (excluding sweet	1929	7%	1.02	1	138
		Pumpkins	90	2%	3.99	1	7
		Squash	292	7%	3.99	1	82
		Tomatoes	293	53%	1.20	1	186
		Turnips	40	100%	1.01	1	40
		Walnuts, English	11	100%	2.00	1	22
		Watermelons	151	5%	1.02	1	8
		Wheat for grain, total	50430	3%	1.00	1	1513
Total Acres Planted:			233176		Total pounds:		21799

Total pounds affecting the Spawning and Growth residency of Upper Columbia River - Steelhead: 127,005

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Basin - Steelhead							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113			Total pounds:	14828
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
Total Acres Planted:			24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
Total Acres Planted:			4390			Total pounds:	33

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Columbia, OR						
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
	Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211
	Gilliam, OR						
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
		Total Acres Planted:	119592			Total pounds:	3843
	Hood River, OR						
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Klickitat, WA						
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
		Total Acres Planted:	112691			Total pounds:	4339
	Morrow, OR						
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
		Total Acres Planted:	249838			Total pounds:	9488

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Multnomah, OR						
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
	Pacific, WA						
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
	Sherman, OR						
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
	Skamania, WA						
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786

Total pounds affecting the Migration residency of Snake River Basin - Steelhead: 98,178

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Adams, ID							
		Alfalfa, all	9223	2%	4.00	1	738
		Barley	312	5%	1.00	1	16
		Corn, field	104	1%	1.00	1	1
		Hay, all	14756	1%	0.75	1	111
		Oats	443	1%	2.00	1	9
		Wheat for grain, total	200	3%	1.00	1	6
Total Acres Planted:			25038		Total pounds:		881
Adams, WA							
		Alfalfa, all	23460	2%	4.00	1	1877
		Asparagus	422	22%	2.00	1	186
		Barley	10022	5%	1.00	1	501
		Beans, dry edible, excluding dry	8148	37%	1.02	1	3064
		Beans, snap	102	85%	3.99	1	346
		Canola (edible)	2207	7%	1.00	1	154
		Corn, field	6878	1%	1.00	1	69
		Corn, sweet	1289	1%	1.00	1	13
		Hay, all	27252	1%	0.75	1	204
		Mint for oil	7328	1%	0.75	1	55
		Oats	443	1%	2.00	1	9
		Onions, dry	1453	12%	0.63	1	109
		Peas, dry edible	2032	19%	1.00	1	386
		Potatoes (excluding sweet	27914	7%	1.02	1	1993
		Sugar beets	1570	8%	0.75	1	94
		Wheat for grain, total	303813	3%	1.00	1	9114
Total Acres Planted:			424333		Total pounds:		18174
Asotin, WA							
		Alfalfa, all	1648	2%	4.00	1	132
		Apricots	5	100%	2.00	1	10
		Barley	10205	5%	1.00	1	510
		Hay, all	4515	1%	0.75	1	34
		Peaches	18	1%	2.00	1	0
		Wheat for grain, total	21110	3%	1.00	1	633
Total Acres Planted:			37501		Total pounds:		1319
Clearwater, ID							
		Alfalfa, all	2640	2%	4.00	1	211
		Barley	6058	5%	1.00	1	303
		Beans, dry edible, excluding dry	218	37%	1.02	1	82
		Hay, all	9177	1%	0.75	1	69
		Lentils	1129	100%	0.88	1	988
		Oats	230	1%	2.00	1	5
		Peas, dry edible	1369	19%	1.00	1	260
		Wheat for grain, total	9106	3%	1.00	1	273
Total Acres Planted:			29927		Total pounds:		2191

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Columbia, WA							
		Alfalfa, all	1780	2%	4.00	1	142
		Barley	17547	5%	1.00	1	877
		Corn, field	51	1%	1.00	1	1
		Hay, all	2806	1%	0.75	1	21
		Lentils	350	100%	0.88	1	306
		Mustard seed	803	100%	1.25	1	1004
		Oats	1891	1%	2.00	1	38
		Peas, dry edible	6401	19%	1.00	1	1216
		Wheat for grain, total	77511	3%	1.00	1	2325
		Total Acres Planted:	109140			Total pounds:	5930
Custer, ID							
		Alfalfa, all	24467	2%	4.00	1	1957
		Barley	2386	5%	1.00	1	119
		Hay, all	32122	1%	0.75	1	241
		Oats	150	1%	2.00	1	3
		Potatoes (excluding sweet	507	7%	1.02	1	36
		Wheat for grain, total	645	3%	1.00	1	19
		Total Acres Planted:	60277			Total pounds:	2375

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
Total Acres Planted:			344126		Total pounds:		27150
Garfield, WA							
		Alfalfa, all	802	2%	4.00	1	64
		Barley	36082	5%	1.00	1	1804
		Canola (edible)	419	7%	1.00	1	29
		Hay, all	2310	1%	0.75	1	17
		Wheat for grain, total	71689	3%	1.00	1	2151
Total Acres Planted:			111302		Total pounds:		4065

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Idaho, ID							
		Alfalfa, all	20266	2%	4.00	1	1621
		Barley	28872	5%	1.00	1	1444
		Canola (edible)	955	7%	1.00	1	67
		Corn, field	117	1%	1.00	1	1
		Grapes	1	3%	4.00	3	0
		Hay, all	41025	1%	0.75	1	308
		Lentils	927	100%	0.88	1	811
		Oats	2922	1%	2.00	1	58
		Peas, dry edible	1517	19%	1.00	1	288
		Plums and prunes	2	1%	2.00	1	0
		Tomatoes	1	53%	1.20	1	1
		Wheat for grain, total	62283	3%	1.00	1	1868
		Total Acres Planted:	158888			Total pounds:	6467
Latah, ID							
		Alfalfa, all	7202	2%	4.00	1	576
		Barley	18615	5%	1.00	1	931
		Beans, dry edible, excluding dry	1135	37%	1.02	1	427
		Hay, all	17540	1%	0.75	1	132
		Lentils	30589	100%	0.88	1	26765
		Oats	649	1%	2.00	1	13
		Peas, dry edible	25651	19%	1.00	1	4874
		Wheat for grain, total	90706	3%	1.00	1	2721
		Total Acres Planted:	192087			Total pounds:	36439
Lemhi, ID							
		Alfalfa, all	28143	2%	4.00	1	2251
		Barley	487	5%	1.00	1	24
		Hay, all	46392	1%	0.75	1	348
		Oats	441	1%	2.00	1	9
		Peaches	3	1%	2.00	1	0
		Total Acres Planted:	75466			Total pounds:	2632
Lewis, ID							
		Alfalfa, all	3885	2%	4.00	1	311
		Barley	21851	5%	1.00	1	1093
		Canola (edible)	972	7%	1.00	1	68
		Hay, all	6335	1%	0.75	1	48
		Lentils	3748	100%	0.88	1	3280
		Oats	1388	1%	2.00	1	28
		Peas, dry edible	8434	19%	1.00	1	1602
		Wheat for grain, total	64367	3%	1.00	1	1931
		Total Acres Planted:	110980			Total pounds:	8361

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Nez Perce, ID							
		Alfalfa, all	6262	2%	4.00	1	501
		Apricots	1	100%	2.00	1	2
		Barley	21134	5%	1.00	1	1057
		Beans, dry edible, excluding dry	4561	37%	1.02	1	1715
		Canola (edible)	437	7%	1.00	1	31
		Corn, sweet	15	1%	1.00	1	0
		Hay, all	10236	1%	0.75	1	77
		Lentils	11900	100%	0.88	1	10412
		Oats	115	1%	2.00	1	2
		Peaches	22	1%	2.00	1	0
		Peas, dry edible	25659	19%	1.00	1	4875
		Peas, green, excluding cowpeas	1816	17%	1.01	1	311
		Wheat for grain, total	89990	3%	1.00	1	2700
Total Acres Planted:			172148			Total pounds:	21683
Union, OR							
		Alfalfa, all	25818	2%	4.00	1	2065
		Barley	7617	5%	1.00	1	381
		Beans, dry edible, excluding dry	661	37%	1.02	1	249
		Canola (edible)	257	7%	1.00	1	18
		Hay, all	42236	1%	0.75	1	317
		Mint for oil	9226	1%	0.75	1	69
		Oats	1220	1%	2.00	1	24
		Peaches	12	1%	2.00	1	0
		Peas, dry edible	390	19%	1.00	1	74
		Potatoes (excluding sweet	660	7%	1.02	1	47
		Sugar beets	1035	8%	0.75	1	62
		Wheat for grain, total	36394	3%	1.00	1	1092
Total Acres Planted:			125526			Total pounds:	4398
Valley, ID							
		Alfalfa, all	1599	2%	4.00	1	128
		Hay, all	4511	1%	0.75	1	34
		Oats	1701	1%	2.00	1	34
		Potatoes (excluding sweet	225	7%	1.02	1	16
		Wheat for grain, total	652	3%	1.00	1	20
Total Acres Planted:			8688			Total pounds:	232

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wallowa, OR							
		Alfalfa, all	18253	2%	4.00	1	1460
		Barley	8796	5%	1.00	1	440
		Hay, all	31646	1%	0.75	1	237
		Oats	560	1%	2.00	1	11
		Wheat for grain, total	14502	3%	1.00	1	435
Total Acres Planted:			73757		Total pounds:		2583
Whitman, WA							
		Alfalfa, all	6644	2%	4.00	1	532
		Barley	160110	5%	1.00	1	8006
		Beans, dry edible, excluding dry	1283	37%	1.02	1	482
		Canola (edible)	1498	7%	1.00	1	105
		Corn, field	101	1%	1.00	1	1
		Hay, all	12637	1%	0.75	1	95
		Lentils	57544	100%	0.88	1	50351
		Oats	203	1%	2.00	1	4
		Peas, dry edible	84356	19%	1.00	1	16028
		Peas, green, excluding cowpeas	5589	17%	1.01	1	957
		Wheat for grain, total	478098	3%	1.00	1	14343
Total Acres Planted:			808063		Total pounds:		90904

Table E-2: Snake River Basin - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
<i>Total pounds affecting the Spawning and Growth residency of Snake River Basin - Steelhead:</i>							255,967

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Upper Willamette River - Steelhead							
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
		Total Acres Planted:	24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
		Total Acres Planted:	4390			Total pounds:	33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
		Total Acres Planted:	4051			Total pounds:	30
<i>Total pounds affecting the Migration residency of Upper Willamette River - Steelhead:</i>							<i>2,958</i>

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Benton, OR							
		Alfalfa, all	570	2%	4.00	1	46
		Beans, snap	3080	85%	3.99	1	10446
		Cantaloupes	7	18%	3.99	1	5
		Corn, field	525	1%	1.00	1	5
		Corn, sweet	5735	1%	1.00	1	57
		Cucumbers	3	3%	3.99	1	0
		Cucurbits, all	891	100%	1.00	1	891
		Grapes	242	3%	4.00	3	87
		Hay, all	8157	1%	0.75	1	61
		Lettuce and romaine	10	3%	3.99	1	1
		Mint for oil	2925	1%	0.75	1	22
		Oats	1584	1%	2.00	1	32
		Onions, dry	3	12%	0.63	1	0
		Peaches	8	1%	2.00	1	0
		Peas, green, excluding cowpeas	1	17%	1.01	1	0
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	5	1%	2.00	1	0
		Potatoes (excluding sweet	3	7%	1.02	1	0
		Squash	881	7%	3.99	1	246
		Sugar beets	687	8%	0.75	1	41
		Tomatoes	6	53%	1.20	1	4
		Walnuts, English	23	100%	2.00	1	46
		Wheat for grain, total	4338	3%	1.00	1	130
Total Acres Planted:			29689			Total pounds:	12125

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Clackamas, OR							
		Alfalfa, all	1072	2%	4.00	1	86
		Barley	259	5%	1.00	1	13
		Beans, dry edible, excluding dry	3	37%	1.02	1	1
		Beans, snap	334	85%	3.99	1	1133
		Broccoli	184	32%	3.99	1	235
		Cabbage, all	593	35%	3.99	1	828
		Cantaloupes	4	18%	3.99	1	3
		Cauliflower	319	55%	3.99	1	700
		Corn, field	735	1%	1.00	1	7
		Corn, sweet	1072	1%	1.00	1	11
		Cucumbers	830	3%	3.99	1	99
		Cucurbits, all	1214	100%	1.00	1	1214
		Grapes	207	3%	4.00	3	75
		Hay, all	20756	1%	0.75	1	156
		Kale	6	100%	1.01	1	6
		Lettuce and romaine	132	3%	3.99	1	16
		Oats	1496	1%	2.00	1	30
		Onions, green	140	100%	1.00	1	140
		Peaches	78	1%	2.00	1	2
		Peas, green, excluding cowpeas	104	17%	1.01	1	18
		Peppers, sweet	29	22%	3.99	1	25
		Plums and prunes	37	1%	2.00	1	1
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	82	2%	3.99	1	7
		Radishes	144	100%	0.75	1	108
		Squash	380	7%	3.99	1	106
		Sugar beets	106	8%	0.75	1	6
		Tomatoes	21	53%	1.20	1	13
		Walnuts, English	51	100%	2.00	1	102
		Wheat for grain, total	1783	3%	1.00	1	53
Total Acres Planted:			32172		Total pounds:		5194

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Linn, OR							
		Alfalfa, all	2507	2%	4.00	1	201
		Beans, snap	2688	85%	3.99	1	9116
		Broccoli	267	32%	3.99	1	341
		Cabbage, all	431	35%	3.99	1	602
		Cantaloupes	3	18%	3.99	1	2
		Cauliflower	164	55%	3.99	1	360
		Corn, field	1976	1%	1.00	1	20
		Corn, sweet	5771	1%	1.00	1	58
		Cucumbers	4	3%	3.99	1	0
		Cucurbits, all	486	100%	1.00	1	486
		Grapes	93	3%	4.00	3	33
		Hay, all	39364	1%	0.75	1	295
		Mint for oil	4105	1%	0.75	1	31
		Nectarines	3	100%	2.00	1	6
		Oats	1428	1%	2.00	1	29
		Onions, dry	1	12%	0.63	1	0
		Peaches	73	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Plums and prunes	14	1%	2.00	1	0
		Pumpkins	16	2%	3.99	1	1
		Squash	479	7%	3.99	1	134
		Sugar beets	281	8%	0.75	1	17
		Tomatoes	7	53%	1.20	1	4
		Walnuts, English	55	100%	2.00	1	110
		Wheat for grain, total	5306	3%	1.00	1	159
Total Acres Planted:			65523		Total pounds:		12007

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Marion, OR							
		Alfalfa, all	1315	2%	4.00	1	105
		Barley	134	5%	1.00	1	7
		Beans, lima	115	85%	3.99	1	390
		Beans, snap	12101	85%	3.99	1	41041
		Broccoli	2548	32%	3.99	1	3253
		Cabbage, all	4210	35%	3.99	1	5879
		Carrots	76	25%	3.99	1	76
		Cauliflower	1505	55%	3.99	1	3303
		Corn, field	2158	1%	1.00	1	22
		Corn, sweet	14533	1%	1.00	1	145
		Cucumbers	993	3%	3.99	1	119
		Cucurbits, all	2276	100%	1.00	1	2276
		Grapes	761	3%	4.00	3	274
		Hay, all	16985	1%	0.75	1	127
		Hops	7407	2%	1.00	1	148
		Mint for oil	3695	1%	0.75	1	28
		Oats	2582	1%	2.00	1	52
		Onions, dry	2036	12%	0.63	1	153
		Peaches	179	1%	2.00	1	4
		Peas, green, excluding cowpeas	686	17%	1.01	1	117
		Peppers, hot	2	100%	1.00	1	2
		Peppers, sweet	31	22%	3.99	1	27
		Plums and prunes	145	1%	2.00	1	3
		Pumpkins	280	2%	3.99	1	22
		Squash	1281	7%	3.99	1	358
		Sugar beets	940	8%	0.75	1	56
		Tomatoes	16	53%	1.20	1	10
		Walnuts, English	155	100%	2.00	1	310
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	10341	3%	1.00	1	310
Total Acres Planted:			89488		Total pounds:		58617

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Polk, OR							
		Alfalfa, all	774	2%	4.00	1	62
		Barley	379	5%	1.00	1	19
		Beans, snap	598	85%	3.99	1	2028
		Cantaloupes	15	18%	3.99	1	11
		Corn, field	1472	1%	1.00	1	15
		Corn, sweet	1835	1%	1.00	1	18
		Cucurbits, all	16	100%	1.00	1	16
		Grapes	1123	3%	4.00	3	404
		Hay, all	20440	1%	0.75	1	153
		Mint for oil	2448	1%	0.75	1	18
		Oats	2273	1%	2.00	1	45
		Peaches	51	1%	2.00	1	1
		Plums and prunes	595	1%	2.00	1	12
		Pumpkins	1	2%	3.99	1	0
		Squash	1	7%	3.99	1	0
		Sugar beets	130	8%	0.75	1	8
		Tomatoes	4	53%	1.20	1	3
		Walnuts, English	33	100%	2.00	1	66
		Wheat for grain, total	9741	3%	1.00	1	292
Total Acres Planted:			41929		Total pounds:		3171

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Washington, OR							
		Alfalfa, all	1680	2%	4.00	1	134
		Barley	153	5%	1.00	1	8
		Beans, snap	988	85%	3.99	1	3351
		Broccoli	400	32%	3.99	1	511
		Cabbage, all	400	35%	3.99	1	559
		Cantaloupes	1	18%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, field	3193	1%	1.00	1	32
		Corn, sweet	4962	1%	1.00	1	50
		Cucumbers	188	3%	3.99	1	23
		Cucurbits, all	273	100%	1.00	1	273
		Eggplant	1	100%	1.00	1	1
		Grapes	989	3%	4.00	3	356
		Hay, all	14539	1%	0.75	1	109
		Lettuce and romaine	3	3%	3.99	1	0
		Oats	5258	1%	2.00	1	105
		Onions, dry	196	12%	0.63	1	15
		Peaches	168	1%	2.00	1	3
		Peas, green, excluding cowpeas	840	17%	1.01	1	144
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	358	1%	2.00	1	7
		Pumpkins	48	2%	3.99	1	4
		Squash	82	7%	3.99	1	23
		Tomatoes	27	53%	1.20	1	17
		Walnuts, English	679	100%	2.00	1	1358
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	17020	3%	1.00	1	511
Total Acres Planted:			52451		Total pounds:		7598

Table E-3: Upper Willamette River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Yamhill, OR							
		Alfalfa, all	2294	2%	4.00	1	184
		Barley	380	5%	1.00	1	19
		Beans, snap	1838	85%	3.99	1	6234
		Broccoli	308	32%	3.99	1	393
		Cabbage, all	308	35%	3.99	1	430
		Cantaloupes	12	18%	3.99	1	9
		Corn, field	2173	1%	1.00	1	22
		Corn, sweet	4149	1%	1.00	1	41
		Cucurbits, all	145	100%	1.00	1	145
		Grapes	2887	3%	4.00	3	1039
		Hay, all	19041	1%	0.75	1	143
		Mustard seed	76	100%	1.25	1	95
		Nuts, other	41	100%	2.00	1	82
		Oats	2525	1%	2.00	1	50
		Peaches	104	1%	2.00	1	2
		Peppers, sweet	13	22%	3.99	1	11
		Plums and prunes	369	1%	2.00	1	7
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	130	2%	3.99	1	10
		Squash	133	7%	3.99	1	37
		Sugar beets	151	8%	0.75	1	9
		Tomatoes	9	53%	1.20	1	6
		Walnuts, English	608	100%	2.00	1	1216
		Wheat for grain, total	13989	3%	1.00	1	420
Total Acres Planted:			51684			Total pounds:	10604

Total pounds affecting the Spawning and Growth residency of Upper Willamette River - Steelhead: 109,318

Table E-4: Lower Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:		
Lower Columbia River - Steelhead							
Migration Residency							
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
		Total Acres Planted:	4390		Total pounds:		33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290		Total pounds:		139
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729		Total pounds:		51
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
		Total Acres Planted:	4051		Total pounds:		30

Total pounds affecting the Migration residency of Lower Columbia River - Steelhead: 254

Table E-4: Lower Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Clackamas, OR							
		Alfalfa, all	1072	2%	4.00	1	86
		Barley	259	5%	1.00	1	13
		Beans, dry edible, excluding dry	3	37%	1.02	1	1
		Beans, snap	334	85%	3.99	1	1133
		Broccoli	184	32%	3.99	1	235
		Cabbage, all	593	35%	3.99	1	828
		Cantaloupes	4	18%	3.99	1	3
		Cauliflower	319	55%	3.99	1	700
		Corn, field	735	1%	1.00	1	7
		Corn, sweet	1072	1%	1.00	1	11
		Cucumbers	830	3%	3.99	1	99
		Cucurbits, all	1214	100%	1.00	1	1214
		Grapes	207	3%	4.00	3	75
		Hay, all	20756	1%	0.75	1	156
		Kale	6	100%	1.01	1	6
		Lettuce and romaine	132	3%	3.99	1	16
		Oats	1496	1%	2.00	1	30
		Onions, green	140	100%	1.00	1	140
		Peaches	78	1%	2.00	1	2
		Peas, green, excluding cowpeas	104	17%	1.01	1	18
		Peppers, sweet	29	22%	3.99	1	25
		Plums and prunes	37	1%	2.00	1	1
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	82	2%	3.99	1	7
		Radishes	144	100%	0.75	1	108
		Squash	380	7%	3.99	1	106
		Sugar beets	106	8%	0.75	1	6
		Tomatoes	21	53%	1.20	1	13
		Walnuts, English	51	100%	2.00	1	102
		Wheat for grain, total	1783	3%	1.00	1	53
Total Acres Planted:			32172		Total pounds:		5194

Table E-4: Lower Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
Total Acres Planted:			24581		Total pounds:		429
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
Total Acres Planted:			7041		Total pounds:		211
Hood River, OR							
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
Total Acres Planted:			2118		Total pounds:		70

Table E-4: Lower Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
Total Acres Planted:			10002			Total pounds:	2065
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
Total Acres Planted:			657			Total pounds:	25
<i>Total pounds affecting the Spawning and Growth residency of Lower Columbia River - Steelhead:</i>							7,993

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Middle Columbia River - Steelhead							
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
		Total Acres Planted:	24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
		Total Acres Planted:	4390			Total pounds:	33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Hood River, OR						
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70
	Multnomah, OR						
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
	Pacific, WA						
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
	Skamania, WA						
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Wahkiakum, WA						
		Hay, all	4051	1%	0.75	1	30
		Total Acres Planted:	4051			Total pounds:	30

Total pounds affecting the Migration residency of Middle Columbia River - Steelhead: 3,053

Spawning and Growth Residency

Benton, WA

Alfalfa, all	13241	2%	4.00	1	1059
Apricots	174	100%	2.00	1	348
Asparagus	1638	22%	2.00	1	721
Barley	435	5%	1.00	1	22
Corn, field	357	1%	1.00	1	4
Corn, sweet	15729	1%	1.00	1	157
Grapes	15929	3%	4.00	3	5734
Hay, all	18737	1%	0.75	1	141
Hops	4412	2%	1.00	1	88
Nectarines	106	100%	2.00	1	212
Onions, dry	3398	12%	0.63	1	255
Peaches	149	1%	2.00	1	3
Peppers, sweet	2	22%	3.99	1	2
Plums and prunes	180	1%	2.00	1	4
Potatoes (excluding sweet	25317	7%	1.02	1	1808
Sugar beets	4284	8%	0.75	1	257
Tomatoes	3	53%	1.20	1	2
Walnuts, English	41	100%	2.00	1	82
Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:	235113			Total pounds:	14828

Columbia, WA

Alfalfa, all	1780	2%	4.00	1	142
Barley	17547	5%	1.00	1	877
Corn, field	51	1%	1.00	1	1
Hay, all	2806	1%	0.75	1	21
Lentils	350	100%	0.88	1	306
Mustard seed	803	100%	1.25	1	1004
Oats	1891	1%	2.00	1	38
Peas, dry edible	6401	19%	1.00	1	1216
Wheat for grain, total	77511	3%	1.00	1	2325
Total Acres Planted:	109140			Total pounds:	5930

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Crook, OR							
		Alfalfa, all	14023	2%	4.00	1	1122
		Hay, all	35322	1%	0.75	1	265
		Mint for oil	5501	1%	0.75	1	41
		Sugar beets	1510	8%	0.75	1	91
		Wheat for grain, total	2362	3%	1.00	1	71
		Total Acres Planted:	58718			Total pounds:	1590
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
		Total Acres Planted:	344126			Total pounds:	27150
Gilliam, OR							
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
		Total Acres Planted:	119592			Total pounds:	3843

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Grant, OR							
		Alfalfa, all	11296	2%	4.00	1	904
		Apricots	19	100%	2.00	1	38
		Hay, all	41483	1%	0.75	1	311
		Wheat for grain, total	579	3%	1.00	1	17
Total Acres Planted:			53377		Total pounds:		1270
Jefferson, OR							
		Alfalfa, all	10944	2%	4.00	1	876
		Barley	543	5%	1.00	1	27
		Beans, dry edible, excluding dry	220	37%	1.02	1	83
		Hay, all	17394	1%	0.75	1	130
		Mint for oil	3105	1%	0.75	1	23
		Oats	509	1%	2.00	1	10
		Potatoes (excluding sweet	973	7%	1.02	1	69
		Sugar beets	2396	8%	0.75	1	144
		Wheat for grain, total	12470	3%	1.00	1	374
Total Acres Planted:			48554		Total pounds:		1736
Kittitas, WA							
		Alfalfa, all	8571	2%	4.00	1	686
		Barley	135	5%	1.00	1	7
		Corn, field	110	1%	1.00	1	1
		Corn, sweet	4432	1%	1.00	1	44
		Hay, all	45655	1%	0.75	1	342
		Mint for oil	409	1%	0.75	1	3
		Oats	898	1%	2.00	1	18
		Peaches	1	1%	2.00	1	0
		Plums and prunes	1	1%	2.00	1	0
		Potatoes (excluding sweet	442	7%	1.02	1	32
		Wheat for grain, total	5224	3%	1.00	1	157
Total Acres Planted:			65878		Total pounds:		1290
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
Total Acres Planted:			112691		Total pounds:		4339

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
Total Acres Planted:			249838		Total pounds:		9488
Sherman, OR							
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
Total Acres Planted:			121973		Total pounds:		4089
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
Total Acres Planted:			657		Total pounds:		25

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786
Wheeler, OR							
		Alfalfa, all	5494	2%	4.00	1	440
		Barley	61	5%	1.00	1	3
		Hay, all	12110	1%	0.75	1	91
Total Acres Planted:			17665		Total pounds:		534

Table E-5: Middle Columbia River - Steelhead

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Yakima, WA							
		Alfalfa, all	33833	2%	4.00	1	2707
		Apricots	285	100%	2.00	1	570
		Asparagus	7034	22%	2.00	1	3095
		Barley	502	5%	1.00	1	25
		Beans, dry edible, excluding dry	2145	37%	1.02	1	807
		Beans, lima	731	85%	3.99	1	2479
		Beans, snap	106	85%	3.99	1	359
		Cabbage, all	144	35%	3.99	1	201
		Cantaloupes	78	18%	3.99	1	56
		Corn, field	24053	1%	1.00	1	241
		Corn, sweet	6478	1%	1.00	1	65
		Cucumbers	194	3%	3.99	1	23
		Cucurbits, all	727	100%	1.00	1	727
		Eggplant	5	100%	1.00	1	5
		Grapes	15529	3%	4.00	3	5590
		Hay, all	43868	1%	0.75	1	329
		Hops	27449	2%	1.00	1	549
		Mint for oil	12577	1%	0.75	1	94
		Nectarines	605	100%	2.00	1	1210
		Peaches	1438	1%	2.00	1	29
		Peas, green, excluding cowpeas	1201	17%	1.01	1	206
		Peppers, hot	41	100%	1.00	1	41
		Peppers, sweet	439	22%	3.99	1	385
		Plums and prunes	478	1%	2.00	1	10
		Potatoes (excluding sweet	1929	7%	1.02	1	138
		Pumpkins	90	2%	3.99	1	7
		Squash	292	7%	3.99	1	82
		Tomatoes	293	53%	1.20	1	186
		Turnips	40	100%	1.01	1	40
		Walnuts, English	11	100%	2.00	1	22
		Watermelons	151	5%	1.02	1	8
		Wheat for grain, total	50430	3%	1.00	1	1513
Total Acres Planted:			233176		Total pounds:		21799

Total pounds affecting the Spawning and Growth residency of Middle Columbia River - Steelhead: 156,447

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Fall Run - Chinook							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113		Total pounds:		14828
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
Total Acres Planted:			24581		Total pounds:		429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
Total Acres Planted:			4390		Total pounds:		33

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Columbia, OR						
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
	Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211
	Gilliam, OR						
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
		Total Acres Planted:	119592			Total pounds:	3843
	Hood River, OR						
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
Total Acres Planted:			112691			Total pounds:	4339
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
Total Acres Planted:			249838			Total pounds:	9488

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Multnomah, OR						
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
	Pacific, WA						
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
	Sherman, OR						
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
	Skamania, WA						
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786

Total pounds affecting the Migration residency of Snake River Fall Run - Chinook: 98,178

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Adams, ID							
		Alfalfa, all	9223	2%	4.00	1	738
		Barley	312	5%	1.00	1	16
		Corn, field	104	1%	1.00	1	1
		Hay, all	14756	1%	0.75	1	111
		Oats	443	1%	2.00	1	9
		Wheat for grain, total	200	3%	1.00	1	6
Total Acres Planted:			25038		Total pounds:		881
Adams, WA							
		Alfalfa, all	23460	2%	4.00	1	1877
		Asparagus	422	22%	2.00	1	186
		Barley	10022	5%	1.00	1	501
		Beans, dry edible, excluding dry	8148	37%	1.02	1	3064
		Beans, snap	102	85%	3.99	1	346
		Canola (edible)	2207	7%	1.00	1	154
		Corn, field	6878	1%	1.00	1	69
		Corn, sweet	1289	1%	1.00	1	13
		Hay, all	27252	1%	0.75	1	204
		Mint for oil	7328	1%	0.75	1	55
		Oats	443	1%	2.00	1	9
		Onions, dry	1453	12%	0.63	1	109
		Peas, dry edible	2032	19%	1.00	1	386
		Potatoes (excluding sweet	27914	7%	1.02	1	1993
		Sugar beets	1570	8%	0.75	1	94
		Wheat for grain, total	303813	3%	1.00	1	9114
Total Acres Planted:			424333		Total pounds:		18174
Asotin, WA							
		Alfalfa, all	1648	2%	4.00	1	132
		Apricots	5	100%	2.00	1	10
		Barley	10205	5%	1.00	1	510
		Hay, all	4515	1%	0.75	1	34
		Peaches	18	1%	2.00	1	0
		Wheat for grain, total	21110	3%	1.00	1	633
Total Acres Planted:			37501		Total pounds:		1319
Benewah, ID							
		Alfalfa, all	983	2%	4.00	1	79
		Barley	4504	5%	1.00	1	225
		Hay, all	4805	1%	0.75	1	36
		Lentils	14532	100%	0.88	1	12716
		Oats	530	1%	2.00	1	11
		Peas, dry edible	370	19%	1.00	1	70
		Wheat for grain, total	29431	3%	1.00	1	883
Total Acres Planted:			55155		Total pounds:		14020

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Clearwater, ID							
		Alfalfa, all	2640	2%	4.00	1	211
		Barley	6058	5%	1.00	1	303
		Beans, dry edible, excluding dry	218	37%	1.02	1	82
		Hay, all	9177	1%	0.75	1	69
		Lentils	1129	100%	0.88	1	988
		Oats	230	1%	2.00	1	5
		Peas, dry edible	1369	19%	1.00	1	260
		Wheat for grain, total	9106	3%	1.00	1	273
		Total Acres Planted:	29927			Total pounds:	2191
Columbia, WA							
		Alfalfa, all	1780	2%	4.00	1	142
		Barley	17547	5%	1.00	1	877
		Corn, field	51	1%	1.00	1	1
		Hay, all	2806	1%	0.75	1	21
		Lentils	350	100%	0.88	1	306
		Mustard seed	803	100%	1.25	1	1004
		Oats	1891	1%	2.00	1	38
		Peas, dry edible	6401	19%	1.00	1	1216
		Wheat for grain, total	77511	3%	1.00	1	2325
		Total Acres Planted:	109140			Total pounds:	5930

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
Total Acres Planted:			344126		Total pounds:		27150
Garfield, WA							
		Alfalfa, all	802	2%	4.00	1	64
		Barley	36082	5%	1.00	1	1804
		Canola (edible)	419	7%	1.00	1	29
		Hay, all	2310	1%	0.75	1	17
		Wheat for grain, total	71689	3%	1.00	1	2151
Total Acres Planted:			111302		Total pounds:		4065

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Idaho, ID							
		Alfalfa, all	20266	2%	4.00	1	1621
		Barley	28872	5%	1.00	1	1444
		Canola (edible)	955	7%	1.00	1	67
		Corn, field	117	1%	1.00	1	1
		Grapes	1	3%	4.00	3	0
		Hay, all	41025	1%	0.75	1	308
		Lentils	927	100%	0.88	1	811
		Oats	2922	1%	2.00	1	58
		Peas, dry edible	1517	19%	1.00	1	288
		Plums and prunes	2	1%	2.00	1	0
		Tomatoes	1	53%	1.20	1	1
		Wheat for grain, total	62283	3%	1.00	1	1868
Total Acres Planted:			158888			Total pounds:	6467
Latah, ID							
		Alfalfa, all	7202	2%	4.00	1	576
		Barley	18615	5%	1.00	1	931
		Beans, dry edible, excluding dry	1135	37%	1.02	1	427
		Hay, all	17540	1%	0.75	1	132
		Lentils	30589	100%	0.88	1	26765
		Oats	649	1%	2.00	1	13
		Peas, dry edible	25651	19%	1.00	1	4874
		Wheat for grain, total	90706	3%	1.00	1	2721
Total Acres Planted:			192087			Total pounds:	36439
Lewis, ID							
		Alfalfa, all	3885	2%	4.00	1	311
		Barley	21851	5%	1.00	1	1093
		Canola (edible)	972	7%	1.00	1	68
		Hay, all	6335	1%	0.75	1	48
		Lentils	3748	100%	0.88	1	3280
		Oats	1388	1%	2.00	1	28
		Peas, dry edible	8434	19%	1.00	1	1602
		Wheat for grain, total	64367	3%	1.00	1	1931
Total Acres Planted:			110980			Total pounds:	8361

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Lincoln, WA							
		Alfalfa, all	15972	2%	4.00	1	1278
		Barley	102415	5%	1.00	1	5121
		Canola (edible)	2266	7%	1.00	1	159
		Corn, field	564	1%	1.00	1	6
		Hay, all	24902	1%	0.75	1	187
		Mustard seed	660	100%	1.25	1	825
		Oats	542	1%	2.00	1	11
		Peas, dry edible	1148	19%	1.00	1	218
		Potatoes (excluding sweet	771	7%	1.02	1	55
		Wheat for grain, total	355317	3%	1.00	1	10660
Total Acres Planted:			504557		Total pounds:		18520
Nez Perce, ID							
		Alfalfa, all	6262	2%	4.00	1	501
		Apricots	1	100%	2.00	1	2
		Barley	21134	5%	1.00	1	1057
		Beans, dry edible, excluding dry	4561	37%	1.02	1	1715
		Canola (edible)	437	7%	1.00	1	31
		Corn, sweet	15	1%	1.00	1	0
		Hay, all	10236	1%	0.75	1	77
		Lentils	11900	100%	0.88	1	10412
		Oats	115	1%	2.00	1	2
		Peaches	22	1%	2.00	1	0
		Peas, dry edible	25659	19%	1.00	1	4875
		Peas, green, excluding cowpeas	1816	17%	1.01	1	311
		Wheat for grain, total	89990	3%	1.00	1	2700
Total Acres Planted:			172148		Total pounds:		21683
Shoshone, ID							
		Alfalfa, all	167	2%	4.00	1	13
		Hay, all	852	1%	0.75	1	6
Total Acres Planted:			1019		Total pounds:		19

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Spokane, WA							
		Alfalfa, all	35493	2%	4.00	1	2839
		Apricots	11	100%	2.00	1	22
		Barley	43927	5%	1.00	1	2196
		Canola (edible)	1584	7%	1.00	1	111
		Carrots	34	25%	3.99	1	34
		Corn, field	128	1%	1.00	1	1
		Corn, sweet	152	1%	1.00	1	2
		Cucumbers	11	3%	3.99	1	1
		Cucurbits, all	69	100%	1.00	1	69
		Grapes	3	3%	4.00	3	1
		Hay, all	52901	1%	0.75	1	397
		Lentils	25373	100%	0.88	1	22201
		Lettuce and romaine	1	3%	3.99	1	0
		Oats	2435	1%	2.00	1	49
		Peaches	42	1%	2.00	1	1
		Peas, dry edible	19596	19%	1.00	1	3723
		Peppers, sweet	7	22%	3.99	1	6
		Plums and prunes	1	1%	2.00	1	0
		Pumpkins	139	2%	3.99	1	11
		Squash	58	7%	3.99	1	16
		Tomatoes	5	53%	1.20	1	3
		Wheat for grain, total	115324	3%	1.00	1	3460
Total Acres Planted:			297294		Total pounds:		35143
Union, OR							
		Alfalfa, all	25818	2%	4.00	1	2065
		Barley	7617	5%	1.00	1	381
		Beans, dry edible, excluding dry	661	37%	1.02	1	249
		Canola (edible)	257	7%	1.00	1	18
		Hay, all	42236	1%	0.75	1	317
		Mint for oil	9226	1%	0.75	1	69
		Oats	1220	1%	2.00	1	24
		Peaches	12	1%	2.00	1	0
		Peas, dry edible	390	19%	1.00	1	74
		Potatoes (excluding sweet	660	7%	1.02	1	47
		Sugar beets	1035	8%	0.75	1	62
		Wheat for grain, total	36394	3%	1.00	1	1092
Total Acres Planted:			125526		Total pounds:		4398

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Valley, ID							
		Alfalfa, all	1599	2%	4.00	1	128
		Hay, all	4511	1%	0.75	1	34
		Oats	1701	1%	2.00	1	34
		Potatoes (excluding sweet	225	7%	1.02	1	16
		Wheat for grain, total	652	3%	1.00	1	20
		Total Acres Planted:	8688			Total pounds:	232
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
		Total Acres Planted:	342823			Total pounds:	20181
Wallowa, OR							
		Alfalfa, all	18253	2%	4.00	1	1460
		Barley	8796	5%	1.00	1	440
		Hay, all	31646	1%	0.75	1	237
		Oats	560	1%	2.00	1	11
		Wheat for grain, total	14502	3%	1.00	1	435
		Total Acres Planted:	73757			Total pounds:	2583

Table E-6: Snake River Fall Run - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Whitman, WA							
		Alfalfa, all	6644	2%	4.00	1	532
		Barley	160110	5%	1.00	1	8006
		Beans, dry edible, excluding dry	1283	37%	1.02	1	482
		Canola (edible)	1498	7%	1.00	1	105
		Corn, field	101	1%	1.00	1	1
		Hay, all	12637	1%	0.75	1	95
		Lentils	57544	100%	0.88	1	50351
		Oats	203	1%	2.00	1	4
		Peas, dry edible	84356	19%	1.00	1	16028
		Peas, green, excluding cowpeas	5589	17%	1.01	1	957
		Wheat for grain, total	478098	3%	1.00	1	14343
Total Acres Planted:			808063		Total pounds:		90904
<i>Total pounds affecting the Spawning and Growth residency of Snake River Fall Run - Chinook:</i>							<i>318,659</i>

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

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Snake River Spring/Summer Run - Chinook							
Migration Residency							
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113		Total pounds:		14828
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
Total Acres Planted:			24581		Total pounds:		429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
Total Acres Planted:			4390		Total pounds:		33

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

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
Total Acres Planted:			11290		Total pounds:		139
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
Total Acres Planted:			7041		Total pounds:		211
Gilliam, OR							
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
Total Acres Planted:			119592		Total pounds:		3843
Hood River, OR							
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
Total Acres Planted:			2118		Total pounds:		70

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

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
Total Acres Planted:			112691			Total pounds:	4339
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
Total Acres Planted:			249838			Total pounds:	9488

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

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
Sherman, OR							
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

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

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

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

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786
Total pounds affecting the Migration residency of Snake River Spring/Summer Run - Chinook:							98,178

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

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Adams, ID							
		Alfalfa, all	9223	2%	4.00	1	738
		Barley	312	5%	1.00	1	16
		Corn, field	104	1%	1.00	1	1
		Hay, all	14756	1%	0.75	1	111
		Oats	443	1%	2.00	1	9
		Wheat for grain, total	200	3%	1.00	1	6
Total Acres Planted:			25038		Total pounds:		881
Asotin, WA							
		Alfalfa, all	1648	2%	4.00	1	132
		Apricots	5	100%	2.00	1	10
		Barley	10205	5%	1.00	1	510
		Hay, all	4515	1%	0.75	1	34
		Peaches	18	1%	2.00	1	0
		Wheat for grain, total	21110	3%	1.00	1	633
Total Acres Planted:			37501		Total pounds:		1319
Columbia, WA							
		Alfalfa, all	1780	2%	4.00	1	142
		Barley	17547	5%	1.00	1	877
		Corn, field	51	1%	1.00	1	1
		Hay, all	2806	1%	0.75	1	21
		Lentils	350	100%	0.88	1	306
		Mustard seed	803	100%	1.25	1	1004
		Oats	1891	1%	2.00	1	38
		Peas, dry edible	6401	19%	1.00	1	1216
		Wheat for grain, total	77511	3%	1.00	1	2325
Total Acres Planted:			109140		Total pounds:		5930
Custer, ID							
		Alfalfa, all	24467	2%	4.00	1	1957
		Barley	2386	5%	1.00	1	119
		Hay, all	32122	1%	0.75	1	241
		Oats	150	1%	2.00	1	3
		Potatoes (excluding sweet	507	7%	1.02	1	36
		Wheat for grain, total	645	3%	1.00	1	19
Total Acres Planted:			60277		Total pounds:		2375

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

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
Total Acres Planted:			344126		Total pounds:		27150
Garfield, WA							
		Alfalfa, all	802	2%	4.00	1	64
		Barley	36082	5%	1.00	1	1804
		Canola (edible)	419	7%	1.00	1	29
		Hay, all	2310	1%	0.75	1	17
		Wheat for grain, total	71689	3%	1.00	1	2151
Total Acres Planted:			111302		Total pounds:		4065

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

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Idaho, ID							
		Alfalfa, all	20266	2%	4.00	1	1621
		Barley	28872	5%	1.00	1	1444
		Canola (edible)	955	7%	1.00	1	67
		Corn, field	117	1%	1.00	1	1
		Grapes	1	3%	4.00	3	0
		Hay, all	41025	1%	0.75	1	308
		Lentils	927	100%	0.88	1	811
		Oats	2922	1%	2.00	1	58
		Peas, dry edible	1517	19%	1.00	1	288
		Plums and prunes	2	1%	2.00	1	0
		Tomatoes	1	53%	1.20	1	1
		Wheat for grain, total	62283	3%	1.00	1	1868
Total Acres Planted:			158888		Total pounds:		6467
Latah, ID							
		Alfalfa, all	7202	2%	4.00	1	576
		Barley	18615	5%	1.00	1	931
		Beans, dry edible, excluding dry	1135	37%	1.02	1	427
		Hay, all	17540	1%	0.75	1	132
		Lentils	30589	100%	0.88	1	26765
		Oats	649	1%	2.00	1	13
		Peas, dry edible	25651	19%	1.00	1	4874
		Wheat for grain, total	90706	3%	1.00	1	2721
Total Acres Planted:			192087		Total pounds:		36439
Lemhi, ID							
		Alfalfa, all	28143	2%	4.00	1	2251
		Barley	487	5%	1.00	1	24
		Hay, all	46392	1%	0.75	1	348
		Oats	441	1%	2.00	1	9
		Peaches	3	1%	2.00	1	0
Total Acres Planted:			75466		Total pounds:		2632
Lewis, ID							
		Alfalfa, all	3885	2%	4.00	1	311
		Barley	21851	5%	1.00	1	1093
		Canola (edible)	972	7%	1.00	1	68
		Hay, all	6335	1%	0.75	1	48
		Lentils	3748	100%	0.88	1	3280
		Oats	1388	1%	2.00	1	28
		Peas, dry edible	8434	19%	1.00	1	1602
		Wheat for grain, total	64367	3%	1.00	1	1931
Total Acres Planted:			110980		Total pounds:		8361

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

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Nez Perce, ID							
		Alfalfa, all	6262	2%	4.00	1	501
		Apricots	1	100%	2.00	1	2
		Barley	21134	5%	1.00	1	1057
		Beans, dry edible, excluding dry	4561	37%	1.02	1	1715
		Canola (edible)	437	7%	1.00	1	31
		Corn, sweet	15	1%	1.00	1	0
		Hay, all	10236	1%	0.75	1	77
		Lentils	11900	100%	0.88	1	10412
		Oats	115	1%	2.00	1	2
		Peaches	22	1%	2.00	1	0
		Peas, dry edible	25659	19%	1.00	1	4875
		Peas, green, excluding cowpeas	1816	17%	1.01	1	311
		Wheat for grain, total	89990	3%	1.00	1	2700
Total Acres Planted:			172148		Total pounds:		21683
Union, OR							
		Alfalfa, all	25818	2%	4.00	1	2065
		Barley	7617	5%	1.00	1	381
		Beans, dry edible, excluding dry	661	37%	1.02	1	249
		Canola (edible)	257	7%	1.00	1	18
		Hay, all	42236	1%	0.75	1	317
		Mint for oil	9226	1%	0.75	1	69
		Oats	1220	1%	2.00	1	24
		Peaches	12	1%	2.00	1	0
		Peas, dry edible	390	19%	1.00	1	74
		Potatoes (excluding sweet	660	7%	1.02	1	47
		Sugar beets	1035	8%	0.75	1	62
		Wheat for grain, total	36394	3%	1.00	1	1092
Total Acres Planted:			125526		Total pounds:		4398
Valley, ID							
		Alfalfa, all	1599	2%	4.00	1	128
		Hay, all	4511	1%	0.75	1	34
		Oats	1701	1%	2.00	1	34
		Potatoes (excluding sweet	225	7%	1.02	1	16
		Wheat for grain, total	652	3%	1.00	1	20
Total Acres Planted:			8688		Total pounds:		232
Wallowa, OR							
		Alfalfa, all	18253	2%	4.00	1	1460
		Barley	8796	5%	1.00	1	440
		Hay, all	31646	1%	0.75	1	237
		Oats	560	1%	2.00	1	11
		Wheat for grain, total	14502	3%	1.00	1	435
Total Acres Planted:			73757		Total pounds:		2583

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

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Whitman, WA							
		Alfalfa, all	6644	2%	4.00	1	532
		Barley	160110	5%	1.00	1	8006
		Beans, dry edible, excluding dry	1283	37%	1.02	1	482
		Canola (edible)	1498	7%	1.00	1	105
		Corn, field	101	1%	1.00	1	1
		Hay, all	12637	1%	0.75	1	95
		Lentils	57544	100%	0.88	1	50351
		Oats	203	1%	2.00	1	4
		Peas, dry edible	84356	19%	1.00	1	16028
		Peas, green, excluding cowpeas	5589	17%	1.01	1	957
		Wheat for grain, total	478098	3%	1.00	1	14343
Total Acres Planted:			808063			Total pounds:	90904

Total pounds affecting the Spawning and Growth residency of Snake River Spring/Summer Run - Chinook: 215,420

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Puget Sound - Chinook						
Habitat Residency						
Clallam, WA						
		Alfalfa, all	1790	2%	4.00	1 143
		Barley	453	5%	1.00	1 23
		Corn, field	79	1%	1.00	1 1
		Corn, sweet	44	1%	1.00	1 0
		Grapes	4	3%	4.00	3 1
		Hay, all	5457	1%	0.75	1 41
		Plums and prunes	1	1%	2.00	1 0
		Total Acres Planted:	7828		Total pounds:	209
Grays Harbor, WA						
		Alfalfa, all	125	2%	4.00	1 10
		Corn, field	679	1%	1.00	1 7
		Corn, sweet	1295	1%	1.00	1 13
		Hay, all	12335	1%	0.75	1 93
		Oats	50	1%	2.00	1 1
		Peas, green, excluding cowpeas	1143	17%	1.01	1 196
		Total Acres Planted:	15627		Total pounds:	320
Island, WA						
		Alfalfa, all	2100	2%	4.00	1 168
		Barley	487	5%	1.00	1 24
		Corn, field	850	1%	1.00	1 8
		Corn, sweet	15	1%	1.00	1 0
		Grapes	14	3%	4.00	3 5
		Hay, all	7608	1%	0.75	1 57
		Total Acres Planted:	11074		Total pounds:	262
Jefferson, WA						
		Hay, all	2741	1%	0.75	1 21
		Total Acres Planted:	2741		Total pounds:	21

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
King, WA							
		Alfalfa, all	358	2%	4.00	1	29
		Apricots	1	100%	2.00	1	2
		Broccoli	8	32%	3.99	1	10
		Cabbage, all	110	35%	3.99	1	154
		Carrots	10	25%	3.99	1	10
		Corn, field	770	1%	1.00	1	8
		Corn, sweet	155	1%	1.00	1	2
		Cucumbers	19	3%	3.99	1	2
		Cucurbits, all	75	100%	1.00	1	75
		Eggplant	1	100%	1.00	1	1
		Grapes	2	3%	4.00	3	1
		Hay, all	7253	1%	0.75	1	54
		Lettuce and romaine	89	3%	3.99	1	11
		Onions, dry	4	12%	0.63	1	0
		Onions, green	14	100%	1.00	1	14
		Peaches	1	1%	2.00	1	0
		Peppers, sweet	3	22%	3.99	1	3
		Plums and prunes	4	1%	2.00	1	0
		Potatoes (excluding sweet	2	7%	1.02	1	0
		Pumpkins	145	2%	3.99	1	12
		Squash	56	7%	3.99	1	16
		Tomatoes	4	53%	1.20	1	3
		Turnips	2	100%	1.01	1	2
		Walnuts, English	3	100%	2.00	1	6
Total Acres Planted:			9089		Total pounds:		415
Kitsap, WA							
		Beans, snap	1	85%	3.99	1	3
		Carrots	1	25%	3.99	1	1
		Corn, sweet	4	1%	1.00	1	0
		Cucurbits, all	1	100%	1.00	1	1
		Grapes	8	3%	4.00	3	3
		Hay, all	1375	1%	0.75	1	10
		Lettuce and romaine	3	3%	3.99	1	0
		Peas, green, excluding cowpeas	1	17%	1.01	1	0
		Peppers, sweet	1	22%	3.99	1	1
		Plums and prunes	4	1%	2.00	1	0
		Potatoes (excluding sweet	2	7%	1.02	1	0
		Pumpkins	8	2%	3.99	1	1
		Squash	1	7%	3.99	1	0
Total Acres Planted:			1410		Total pounds:		20

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Lewis, WA							
		Alfalfa, all	937	2%	4.00	1	75
		Barley	873	5%	1.00	1	44
		Corn, field	746	1%	1.00	1	7
		Corn, sweet	662	1%	1.00	1	7
		Grapes	4	3%	4.00	3	1
		Hay, all	24463	1%	0.75	1	183
		Nuts, other	14	100%	2.00	1	28
		Oats	430	1%	2.00	1	9
		Peas, green, excluding cowpeas	1635	17%	1.01	1	280
		Plums and prunes	3	1%	2.00	1	0
		Pumpkins	12	2%	3.99	1	1
		Walnuts, English	4	100%	2.00	1	8
		Wheat for grain, total	1104	3%	1.00	1	33
Total Acres Planted:			30887		Total pounds:		676
Mason, WA							
		Alfalfa, all	125	2%	4.00	1	10
		Beans, snap	2	85%	3.99	1	7
		Corn, sweet	109	1%	1.00	1	1
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	9	100%	1.00	1	9
		Hay, all	2113	1%	0.75	1	16
		Pumpkins	27	2%	3.99	1	2
		Squash	7	7%	3.99	1	2
		Tomatoes	1	53%	1.20	1	1
Total Acres Planted:			2395		Total pounds:		48
Pierce, WA							
		Alfalfa, all	70	2%	4.00	1	6
		Beans, snap	200	85%	3.99	1	678
		Cabbage, all	242	35%	3.99	1	338
		Corn, field	358	1%	1.00	1	4
		Corn, sweet	367	1%	1.00	1	4
		Hay, all	6966	1%	0.75	1	52
		Lettuce and romaine	607	3%	3.99	1	73
		Potatoes (excluding sweet	7	7%	1.02	1	0
		Pumpkins	410	2%	3.99	1	33
Total Acres Planted:			9227		Total pounds:		1188

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
San Juan, WA							
		Alfalfa, all	170	2%	4.00	1	14
		Carrots	1	25%	3.99	1	1
		Grapes	13	3%	4.00	3	5
		Hay, all	3971	1%	0.75	1	30
		Lettuce and romaine	1	3%	3.99	1	0
		Peaches	1	1%	2.00	1	0
		Peas, green, excluding cowpeas	3	17%	1.01	1	1
		Plums and prunes	2	1%	2.00	1	0
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Total Acres Planted:	4163			Total pounds:	51
Skagit, WA							
		Alfalfa, all	782	2%	4.00	1	63
		Barley	821	5%	1.00	1	41
		Beans, snap	4	85%	3.99	1	14
		Carrots	555	25%	3.99	1	554
		Corn, field	6681	1%	1.00	1	67
		Corn, sweet	656	1%	1.00	1	7
		Cucumbers	2540	3%	3.99	1	304
		Cucurbits, all	2601	100%	1.00	1	2601
		Hay, all	19446	1%	0.75	1	146
		Oats	62	1%	2.00	1	1
		Onions, green	1	100%	1.00	1	1
		Peas, green, excluding cowpeas	10908	17%	1.01	1	1867
		Potatoes (excluding sweet	6948	7%	1.02	1	496
		Pumpkins	485	2%	3.99	1	39
		Squash	61	7%	3.99	1	17
		Wheat for grain, total	3477	3%	1.00	1	104
		Total Acres Planted:	56028			Total pounds:	6322

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Snohomish, WA							
		Alfalfa, all	235	2%	4.00	1	19
		Barley	199	5%	1.00	1	10
		Beans, snap	10	85%	3.99	1	34
		Broccoli	4	32%	3.99	1	5
		Cabbage, all	4	35%	3.99	1	6
		Carrots	2	25%	3.99	1	2
		Corn, field	3758	1%	1.00	1	38
		Corn, sweet	259	1%	1.00	1	3
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	1	3%	4.00	3	0
		Hay, all	15913	1%	0.75	1	119
		Oats	67	1%	2.00	1	1
		Peas, green, excluding cowpeas	3361	17%	1.01	1	575
		Plums and prunes	2	1%	2.00	1	0
		Pumpkins	75	2%	3.99	1	6
		Squash	7	7%	3.99	1	2
		Wheat for grain, total	428	3%	1.00	1	13
Total Acres Planted:			24332		Total pounds:		840
Thurston, WA							
		Alfalfa, all	543	2%	4.00	1	43
		Beans, snap	2	85%	3.99	1	7
		Cabbage, all	2	35%	3.99	1	3
		Cauliflower	1	55%	3.99	1	2
		Corn, sweet	55	1%	1.00	1	1
		Cucumbers	9	3%	3.99	1	1
		Cucurbits, all	16	100%	1.00	1	16
		Eggplant	1	100%	1.00	1	1
		Hay, all	12190	1%	0.75	1	91
		Onions, dry	1	12%	0.63	1	0
		Peas, green, excluding cowpeas	3	17%	1.01	1	1
		Peppers, sweet	1	22%	3.99	1	1
		Pumpkins	18	2%	3.99	1	1
		Radishes	1	100%	0.75	1	1
		Squash	7	7%	3.99	1	2
		Tomatoes	1	53%	1.20	1	1
Total Acres Planted:			12851		Total pounds:		172

Table E-8: Puget Sound - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
	Whatcom, WA						
		Alfalfa, all	708	2%	4.00	1	57
		Beans, snap	1	85%	3.99	1	3
		Broccoli	1	32%	3.99	1	1
		Cabbage, all	1	35%	3.99	1	1
		Corn, field	15118	1%	1.00	1	151
		Corn, sweet	236	1%	1.00	1	2
		Grapes	10	3%	4.00	3	4
		Hay, all	40910	1%	0.75	1	307
		Lettuce and romaine	2	3%	3.99	1	0
		Potatoes (excluding sweet	1585	7%	1.02	1	113
		Tomatoes	5	53%	1.20	1	3
		Walnuts, English	1	100%	2.00	1	2
		Wheat for grain, total	626	3%	1.00	1	19
Total Acres Planted:			59204			Total pounds:	663

Total pounds affecting the Habitat residency of Puget Sound - Chinook: 11,203

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Lower Columbia - Chinook							
Habitat Residency							
Clackamas, OR							
		Alfalfa, all	1072	2%	4.00	1	86
		Barley	259	5%	1.00	1	13
		Beans, dry edible, excluding dry	3	37%	1.02	1	1
		Beans, snap	334	85%	3.99	1	1133
		Broccoli	184	32%	3.99	1	235
		Cabbage, all	593	35%	3.99	1	828
		Cantaloupes	4	18%	3.99	1	3
		Cauliflower	319	55%	3.99	1	700
		Corn, field	735	1%	1.00	1	7
		Corn, sweet	1072	1%	1.00	1	11
		Cucumbers	830	3%	3.99	1	99
		Cucurbits, all	1214	100%	1.00	1	1214
		Grapes	207	3%	4.00	3	75
		Hay, all	20756	1%	0.75	1	156
		Kale	6	100%	1.01	1	6
		Lettuce and romaine	132	3%	3.99	1	16
		Oats	1496	1%	2.00	1	30
		Onions, green	140	100%	1.00	1	140
		Peaches	78	1%	2.00	1	2
		Peas, green, excluding cowpeas	104	17%	1.01	1	18
		Peppers, sweet	29	22%	3.99	1	25
		Plums and prunes	37	1%	2.00	1	1
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	82	2%	3.99	1	7
		Radishes	144	100%	0.75	1	108
		Squash	380	7%	3.99	1	106
		Sugar beets	106	8%	0.75	1	6
		Tomatoes	21	53%	1.20	1	13
		Walnuts, English	51	100%	2.00	1	102
		Wheat for grain, total	1783	3%	1.00	1	53
Total Acres Planted:			32172		Total pounds:		5194

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
		Total Acres Planted:	24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
		Total Acres Planted:	4390			Total pounds:	33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
		Total Acres Planted:	11290			Total pounds:	139
Cowlitz, WA							
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Hood River, OR							
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
		Total Acres Planted:	112691			Total pounds:	4339
Lewis, WA							
		Alfalfa, all	937	2%	4.00	1	75
		Barley	873	5%	1.00	1	44
		Corn, field	746	1%	1.00	1	7
		Corn, sweet	662	1%	1.00	1	7
		Grapes	4	3%	4.00	3	1
		Hay, all	24463	1%	0.75	1	183
		Nuts, other	14	100%	2.00	1	28
		Oats	430	1%	2.00	1	9
		Peas, green, excluding cowpeas	1635	17%	1.01	1	280
		Plums and prunes	3	1%	2.00	1	0
		Pumpkins	12	2%	3.99	1	1
		Walnuts, English	4	100%	2.00	1	8
		Wheat for grain, total	1104	3%	1.00	1	33
		Total Acres Planted:	30887			Total pounds:	676

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
Marion, OR							
		Alfalfa, all	1315	2%	4.00	1	105
		Barley	134	5%	1.00	1	7
		Beans, lima	115	85%	3.99	1	390
		Beans, snap	12101	85%	3.99	1	41041
		Broccoli	2548	32%	3.99	1	3253
		Cabbage, all	4210	35%	3.99	1	5879
		Carrots	76	25%	3.99	1	76
		Cauliflower	1505	55%	3.99	1	3303
		Corn, field	2158	1%	1.00	1	22
		Corn, sweet	14533	1%	1.00	1	145
		Cucumbers	993	3%	3.99	1	119
		Cucurbits, all	2276	100%	1.00	1	2276
		Grapes	761	3%	4.00	3	274
		Hay, all	16985	1%	0.75	1	127
		Hops	7407	2%	1.00	1	148
		Mint for oil	3695	1%	0.75	1	28
		Oats	2582	1%	2.00	1	52
		Onions, dry	2036	12%	0.63	1	153
		Peaches	179	1%	2.00	1	4
		Peas, green, excluding cowpeas	686	17%	1.01	1	117
		Peppers, hot	2	100%	1.00	1	2
		Peppers, sweet	31	22%	3.99	1	27
		Plums and prunes	145	1%	2.00	1	3
		Pumpkins	280	2%	3.99	1	22
		Squash	1281	7%	3.99	1	358
		Sugar beets	940	8%	0.75	1	56
		Tomatoes	16	53%	1.20	1	10
		Walnuts, English	155	100%	2.00	1	310
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	10341	3%	1.00	1	310
Total Acres Planted:			89488		Total pounds:		58617

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
Total Acres Planted:			10002		Total pounds:		2065
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
Total Acres Planted:			5729		Total pounds:		51
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
Total Acres Planted:			657		Total pounds:		25
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

Table E-9: Lower Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878			Total pounds:	2786
Washington, OR							
		Alfalfa, all	1680	2%	4.00	1	134
		Barley	153	5%	1.00	1	8
		Beans, snap	988	85%	3.99	1	3351
		Broccoli	400	32%	3.99	1	511
		Cabbage, all	400	35%	3.99	1	559
		Cantaloupes	1	18%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, field	3193	1%	1.00	1	32
		Corn, sweet	4962	1%	1.00	1	50
		Cucumbers	188	3%	3.99	1	23
		Cucurbits, all	273	100%	1.00	1	273
		Eggplant	1	100%	1.00	1	1
		Grapes	989	3%	4.00	3	356
		Hay, all	14539	1%	0.75	1	109
		Lettuce and romaine	3	3%	3.99	1	0
		Oats	5258	1%	2.00	1	105
		Onions, dry	196	12%	0.63	1	15
		Peaches	168	1%	2.00	1	3
		Peas, green, excluding cowpeas	840	17%	1.01	1	144
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	358	1%	2.00	1	7
		Pumpkins	48	2%	3.99	1	4
		Squash	82	7%	3.99	1	23
		Tomatoes	27	53%	1.20	1	17
		Walnuts, English	679	100%	2.00	1	1358
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	17020	3%	1.00	1	511
Total Acres Planted:			52451			Total pounds:	7598

Total pounds affecting the Habitat residency of Lower Columbia - Chinook: 82,259

Table E-10: Southern OR/Northern CA coast - Coho

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Southern OR/Northern CA coast - Coho							
Habitat Residency							
Curry, OR							
		Hay, all	1637	1%	0.75	1	12
		Lettuce and romaine	1	3%	3.99	1	0
		Plums and prunes	6	1%	2.00	1	0
Total Acres Planted:			1644		Total pounds:		12
Douglas, OR							
		Alfalfa, all	1984	2%	4.00	1	159
		Apricots	1	100%	2.00	1	2
		Beans, snap	19	85%	3.99	1	64
		Broccoli	3	32%	3.99	1	4
		Cabbage, all	7	35%	3.99	1	10
		Cantaloupes	68	18%	3.99	1	49
		Corn, sweet	175	1%	1.00	1	2
		Cucumbers	9	3%	3.99	1	1
		Cucurbits, all	160	100%	1.00	1	160
		Eggplant	3	100%	1.00	1	3
		Grapes	581	3%	4.00	3	209
		Hay, all	35989	1%	0.75	1	270
		Lettuce and romaine	1	3%	3.99	1	0
		Oats	64	1%	2.00	1	1
		Onions, green	1	100%	1.00	1	1
		Peaches	53	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	28	22%	3.99	1	25
		Plums and prunes	305	1%	2.00	1	6
		Pumpkins	75	2%	3.99	1	6
		Squash	17	7%	3.99	1	5
		Tomatoes	41	53%	1.20	1	26
		Walnuts, English	171	100%	2.00	1	342
		Watermelons	52	5%	1.02	1	3
		Wheat for grain, total	123	3%	1.00	1	4
Total Acres Planted:			39931		Total pounds:		1354

Table E-10: Southern OR/Northern CA coast - Coho

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
	Jackson, OR						
		Alfalfa, all	3954	2%	4.00	1	316
		Apricots	10	100%	2.00	1	20
		Barley	548	5%	1.00	1	27
		Broccoli	1	32%	3.99	1	1
		Cabbage, all	1	35%	3.99	1	1
		Cantaloupes	6	18%	3.99	1	4
		Carrots	1	25%	3.99	1	1
		Corn, field	247	1%	1.00	1	2
		Corn, sweet	283	1%	1.00	1	3
		Cucurbits, all	26	100%	1.00	1	26
		Eggplant	3	100%	1.00	1	3
		Grapes	400	3%	4.00	3	144
		Hay, all	21078	1%	0.75	1	158
		Lettuce and romaine	8	3%	3.99	1	1
		Nectarines	14	100%	2.00	1	28
		Oats	9	1%	2.00	1	0
		Onions, dry	40	12%	0.63	1	3
		Peaches	198	1%	2.00	1	4
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	8	22%	3.99	1	7
		Plums and prunes	15	1%	2.00	1	0
		Pumpkins	20	2%	3.99	1	2
		Squash	15	7%	3.99	1	4
		Tomatoes	26	53%	1.20	1	17
		Walnuts, English	27	100%	2.00	1	54
		Watermelons	5	5%	1.02	1	0
		Wheat for grain, total	1294	3%	1.00	1	39
Total Acres Planted:			28238		Total pounds:		866

Table E-10: Southern OR/Northern CA coast - Coho

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
Josephine, OR							
		Alfalfa, all	1143	2%	4.00	1	91
		Beans, snap	1	85%	3.99	1	3
		Broccoli	2	32%	3.99	1	3
		Cabbage, all	4	35%	3.99	1	6
		Cantaloupes	3	18%	3.99	1	2
		Carrots	4	25%	3.99	1	4
		Cauliflower	1	55%	3.99	1	2
		Corn, sweet	37	1%	1.00	1	0
		Cucumbers	1	3%	3.99	1	0
		Cucurbits, all	9	100%	1.00	1	9
		Grapes	355	3%	4.00	3	128
		Hay, all	7237	1%	0.75	1	54
		Lettuce and romaine	1	3%	3.99	1	0
		Oats	78	1%	2.00	1	2
		Onions, dry	1	12%	0.63	1	0
		Onions, green	1	100%	1.00	1	1
		Peaches	29	1%	2.00	1	1
		Peas, green, excluding cowpeas	2	17%	1.01	1	0
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	1	22%	3.99	1	1
		Plums and prunes	1	1%	2.00	1	0
		Potatoes (excluding sweet	7	7%	1.02	1	0
		Pumpkins	8	2%	3.99	1	1
		Squash	3	7%	3.99	1	1
		Tomatoes	5	53%	1.20	1	3
		Walnuts, English	18	100%	2.00	1	36
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	18	3%	1.00	1	1
Total Acres Planted:			8973			Total pounds:	350
Klamath, OR							
		Alfalfa, all	61176	2%	4.00	1	4894
		Barley	23789	5%	1.00	1	1189
		Hay, all	97351	1%	0.75	1	730
		Oats	2150	1%	2.00	1	43
		Onions, dry	278	12%	0.63	1	21
		Potatoes (excluding sweet	8951	7%	1.02	1	639
		Sugar beets	3499	8%	0.75	1	210
		Wheat for grain, total	5696	3%	1.00	1	171
Total Acres Planted:			202890			Total pounds:	7897

Total pounds affecting the Habitat residency of Southern OR/Northern CA coast - Coho: 10,481

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Upper Willamette - Chinook						
Migration Residency						
Clark, WA						
		Alfalfa, all	836	2%	4.00	1 67
		Barley	830	5%	1.00	1 42
		Beans, snap	2	85%	3.99	1 7
		Corn, field	1730	1%	1.00	1 17
		Corn, sweet	87	1%	1.00	1 1
		Cucurbits, all	2	100%	1.00	1 2
		Grapes	32	3%	4.00	3 12
		Hay, all	19769	1%	0.75	1 148
		Oats	1174	1%	2.00	1 23
		Peaches	46	1%	2.00	1 1
		Plums and prunes	10	1%	2.00	1 0
		Squash	2	7%	3.99	1 1
		Tomatoes	10	53%	1.20	1 6
		Walnuts, English	51	100%	2.00	1 102
		Total Acres Planted:	24581		Total pounds:	429
Clatsop, OR						
		Corn, sweet	5	1%	1.00	1 0
		Hay, all	4385	1%	0.75	1 33
		Total Acres Planted:	4390		Total pounds:	33
Columbia, OR						
		Alfalfa, all	421	2%	4.00	1 34
		Corn, field	48	1%	1.00	1 0
		Grapes	6	3%	4.00	3 2
		Hay, all	10789	1%	0.75	1 81
		Oats	13	1%	2.00	1 0
		Plums and prunes	2	1%	2.00	1 0
		Walnuts, English	11	100%	2.00	1 22
		Total Acres Planted:	11290		Total pounds:	139
Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1 8
		Beans, snap	1	85%	3.99	1 3
		Corn, field	460	1%	1.00	1 5
		Corn, sweet	1144	1%	1.00	1 11
		Hay, all	4261	1%	0.75	1 32
		Peas, green, excluding cowpeas	771	17%	1.01	1 132
		Tomatoes	1	53%	1.20	1 1
		Walnuts, English	5	100%	2.00	1 10
		Wheat for grain, total	293	3%	1.00	1 9
		Total Acres Planted:	7041		Total pounds:	211

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
		Total Acres Planted:	4051			Total pounds:	30
<i>Total pounds affecting the Migration residency of Upper Willamette - Chinook:</i>							<i>2,958</i>

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Benton, OR							
		Alfalfa, all	570	2%	4.00	1	46
		Beans, snap	3080	85%	3.99	1	10446
		Cantaloupes	7	18%	3.99	1	5
		Corn, field	525	1%	1.00	1	5
		Corn, sweet	5735	1%	1.00	1	57
		Cucumbers	3	3%	3.99	1	0
		Cucurbits, all	891	100%	1.00	1	891
		Grapes	242	3%	4.00	3	87
		Hay, all	8157	1%	0.75	1	61
		Lettuce and romaine	10	3%	3.99	1	1
		Mint for oil	2925	1%	0.75	1	22
		Oats	1584	1%	2.00	1	32
		Onions, dry	3	12%	0.63	1	0
		Peaches	8	1%	2.00	1	0
		Peas, green, excluding cowpeas	1	17%	1.01	1	0
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	5	1%	2.00	1	0
		Potatoes (excluding sweet	3	7%	1.02	1	0
		Squash	881	7%	3.99	1	246
		Sugar beets	687	8%	0.75	1	41
		Tomatoes	6	53%	1.20	1	4
		Walnuts, English	23	100%	2.00	1	46
		Wheat for grain, total	4338	3%	1.00	1	130
Total Acres Planted:			29689			Total pounds:	12125

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Clackamas, OR							
		Alfalfa, all	1072	2%	4.00	1	86
		Barley	259	5%	1.00	1	13
		Beans, dry edible, excluding dry	3	37%	1.02	1	1
		Beans, snap	334	85%	3.99	1	1133
		Broccoli	184	32%	3.99	1	235
		Cabbage, all	593	35%	3.99	1	828
		Cantaloupes	4	18%	3.99	1	3
		Cauliflower	319	55%	3.99	1	700
		Corn, field	735	1%	1.00	1	7
		Corn, sweet	1072	1%	1.00	1	11
		Cucumbers	830	3%	3.99	1	99
		Cucurbits, all	1214	100%	1.00	1	1214
		Grapes	207	3%	4.00	3	75
		Hay, all	20756	1%	0.75	1	156
		Kale	6	100%	1.01	1	6
		Lettuce and romaine	132	3%	3.99	1	16
		Oats	1496	1%	2.00	1	30
		Onions, green	140	100%	1.00	1	140
		Peaches	78	1%	2.00	1	2
		Peas, green, excluding cowpeas	104	17%	1.01	1	18
		Peppers, sweet	29	22%	3.99	1	25
		Plums and prunes	37	1%	2.00	1	1
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	82	2%	3.99	1	7
		Radishes	144	100%	0.75	1	108
		Squash	380	7%	3.99	1	106
		Sugar beets	106	8%	0.75	1	6
		Tomatoes	21	53%	1.20	1	13
		Walnuts, English	51	100%	2.00	1	102
		Wheat for grain, total	1783	3%	1.00	1	53
Total Acres Planted:			32172		Total pounds:		5194

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Douglas, OR							
		Alfalfa, all	1984	2%	4.00	1	159
		Apricots	1	100%	2.00	1	2
		Beans, snap	19	85%	3.99	1	64
		Broccoli	3	32%	3.99	1	4
		Cabbage, all	7	35%	3.99	1	10
		Cantaloupes	68	18%	3.99	1	49
		Corn, sweet	175	1%	1.00	1	2
		Cucumbers	9	3%	3.99	1	1
		Cucurbits, all	160	100%	1.00	1	160
		Eggplant	3	100%	1.00	1	3
		Grapes	581	3%	4.00	3	209
		Hay, all	35989	1%	0.75	1	270
		Lettuce and romaine	1	3%	3.99	1	0
		Oats	64	1%	2.00	1	1
		Onions, green	1	100%	1.00	1	1
		Peaches	53	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	28	22%	3.99	1	25
		Plums and prunes	305	1%	2.00	1	6
		Pumpkins	75	2%	3.99	1	6
		Squash	17	7%	3.99	1	5
		Tomatoes	41	53%	1.20	1	26
		Walnuts, English	171	100%	2.00	1	342
		Watermelons	52	5%	1.02	1	3
		Wheat for grain, total	123	3%	1.00	1	4
Total Acres Planted:			39931			Total pounds:	1354

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Lane, OR							
		Alfalfa, all	876	2%	4.00	1	70
		Barley	147	5%	1.00	1	7
		Beans, snap	1796	85%	3.99	1	6091
		Broccoli	5	32%	3.99	1	6
		Cabbage, all	20	35%	3.99	1	28
		Cantaloupes	7	18%	3.99	1	5
		Carrots	270	25%	3.99	1	269
		Cauliflower	4	55%	3.99	1	9
		Corn, field	500	1%	1.00	1	5
		Corn, sweet	2593	1%	1.00	1	26
		Cucumbers	21	3%	3.99	1	3
		Cucurbits, all	55	100%	1.00	1	55
		Grapes	631	3%	4.00	3	227
		Hay, all	28728	1%	0.75	1	215
		Lettuce and romaine	15	3%	3.99	1	2
		Mint for oil	5350	1%	0.75	1	40
		Nectarines	2	100%	2.00	1	4
		Oats	372	1%	2.00	1	7
		Onions, dry	3	12%	0.63	1	0
		Peaches	54	1%	2.00	1	1
		Peppers, hot	2	100%	1.00	1	2
		Peppers, sweet	15	22%	3.99	1	13
		Plums and prunes	34	1%	2.00	1	1
		Potatoes (excluding sweet	9	7%	1.02	1	1
		Pumpkins	151	2%	3.99	1	12
		Squash	27	7%	3.99	1	8
		Sugar beets	773	8%	0.75	1	46
		Tomatoes	55	53%	1.20	1	35
		Walnuts, English	105	100%	2.00	1	210
		Wheat for grain, total	2651	3%	1.00	1	80
Total Acres Planted:			45271		Total pounds:		7478

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
	Linn, OR						
		Alfalfa, all	2507	2%	4.00	1	201
		Beans, snap	2688	85%	3.99	1	9116
		Broccoli	267	32%	3.99	1	341
		Cabbage, all	431	35%	3.99	1	602
		Cantaloupes	3	18%	3.99	1	2
		Cauliflower	164	55%	3.99	1	360
		Corn, field	1976	1%	1.00	1	20
		Corn, sweet	5771	1%	1.00	1	58
		Cucumbers	4	3%	3.99	1	0
		Cucurbits, all	486	100%	1.00	1	486
		Grapes	93	3%	4.00	3	33
		Hay, all	39364	1%	0.75	1	295
		Mint for oil	4105	1%	0.75	1	31
		Nectarines	3	100%	2.00	1	6
		Oats	1428	1%	2.00	1	29
		Onions, dry	1	12%	0.63	1	0
		Peaches	73	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Plums and prunes	14	1%	2.00	1	0
		Pumpkins	16	2%	3.99	1	1
		Squash	479	7%	3.99	1	134
		Sugar beets	281	8%	0.75	1	17
		Tomatoes	7	53%	1.20	1	4
		Walnuts, English	55	100%	2.00	1	110
		Wheat for grain, total	5306	3%	1.00	1	159
Total Acres Planted:			65523		Total pounds:		12007

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Marion, OR							
		Alfalfa, all	1315	2%	4.00	1	105
		Barley	134	5%	1.00	1	7
		Beans, lima	115	85%	3.99	1	390
		Beans, snap	12101	85%	3.99	1	41041
		Broccoli	2548	32%	3.99	1	3253
		Cabbage, all	4210	35%	3.99	1	5879
		Carrots	76	25%	3.99	1	76
		Cauliflower	1505	55%	3.99	1	3303
		Corn, field	2158	1%	1.00	1	22
		Corn, sweet	14533	1%	1.00	1	145
		Cucumbers	993	3%	3.99	1	119
		Cucurbits, all	2276	100%	1.00	1	2276
		Grapes	761	3%	4.00	3	274
		Hay, all	16985	1%	0.75	1	127
		Hops	7407	2%	1.00	1	148
		Mint for oil	3695	1%	0.75	1	28
		Oats	2582	1%	2.00	1	52
		Onions, dry	2036	12%	0.63	1	153
		Peaches	179	1%	2.00	1	4
		Peas, green, excluding cowpeas	686	17%	1.01	1	117
		Peppers, hot	2	100%	1.00	1	2
		Peppers, sweet	31	22%	3.99	1	27
		Plums and prunes	145	1%	2.00	1	3
		Pumpkins	280	2%	3.99	1	22
		Squash	1281	7%	3.99	1	358
		Sugar beets	940	8%	0.75	1	56
		Tomatoes	16	53%	1.20	1	10
		Walnuts, English	155	100%	2.00	1	310
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	10341	3%	1.00	1	310
Total Acres Planted:			89488		Total pounds:		58617

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Polk, OR							
		Alfalfa, all	774	2%	4.00	1	62
		Barley	379	5%	1.00	1	19
		Beans, snap	598	85%	3.99	1	2028
		Cantaloupes	15	18%	3.99	1	11
		Corn, field	1472	1%	1.00	1	15
		Corn, sweet	1835	1%	1.00	1	18
		Cucurbits, all	16	100%	1.00	1	16
		Grapes	1123	3%	4.00	3	404
		Hay, all	20440	1%	0.75	1	153
		Mint for oil	2448	1%	0.75	1	18
		Oats	2273	1%	2.00	1	45
		Peaches	51	1%	2.00	1	1
		Plums and prunes	595	1%	2.00	1	12
		Pumpkins	1	2%	3.99	1	0
		Squash	1	7%	3.99	1	0
		Sugar beets	130	8%	0.75	1	8
		Tomatoes	4	53%	1.20	1	3
		Walnuts, English	33	100%	2.00	1	66
		Wheat for grain, total	9741	3%	1.00	1	292
Total Acres Planted:			41929		Total pounds:		3171

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Washington, OR							
		Alfalfa, all	1680	2%	4.00	1	134
		Barley	153	5%	1.00	1	8
		Beans, snap	988	85%	3.99	1	3351
		Broccoli	400	32%	3.99	1	511
		Cabbage, all	400	35%	3.99	1	559
		Cantaloupes	1	18%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, field	3193	1%	1.00	1	32
		Corn, sweet	4962	1%	1.00	1	50
		Cucumbers	188	3%	3.99	1	23
		Cucurbits, all	273	100%	1.00	1	273
		Eggplant	1	100%	1.00	1	1
		Grapes	989	3%	4.00	3	356
		Hay, all	14539	1%	0.75	1	109
		Lettuce and romaine	3	3%	3.99	1	0
		Oats	5258	1%	2.00	1	105
		Onions, dry	196	12%	0.63	1	15
		Peaches	168	1%	2.00	1	3
		Peas, green, excluding cowpeas	840	17%	1.01	1	144
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	358	1%	2.00	1	7
		Pumpkins	48	2%	3.99	1	4
		Squash	82	7%	3.99	1	23
		Tomatoes	27	53%	1.20	1	17
		Walnuts, English	679	100%	2.00	1	1358
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	17020	3%	1.00	1	511
Total Acres Planted:			52451			Total pounds:	7598

Table E-11: Upper Willamette - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Yamhill, OR							
		Alfalfa, all	2294	2%	4.00	1	184
		Barley	380	5%	1.00	1	19
		Beans, snap	1838	85%	3.99	1	6234
		Broccoli	308	32%	3.99	1	393
		Cabbage, all	308	35%	3.99	1	430
		Cantaloupes	12	18%	3.99	1	9
		Corn, field	2173	1%	1.00	1	22
		Corn, sweet	4149	1%	1.00	1	41
		Cucurbits, all	145	100%	1.00	1	145
		Grapes	2887	3%	4.00	3	1039
		Hay, all	19041	1%	0.75	1	143
		Mustard seed	76	100%	1.25	1	95
		Nuts, other	41	100%	2.00	1	82
		Oats	2525	1%	2.00	1	50
		Peaches	104	1%	2.00	1	2
		Peppers, sweet	13	22%	3.99	1	11
		Plums and prunes	369	1%	2.00	1	7
		Potatoes (excluding sweet	1	7%	1.02	1	0
		Pumpkins	130	2%	3.99	1	10
		Squash	133	7%	3.99	1	37
		Sugar beets	151	8%	0.75	1	9
		Tomatoes	9	53%	1.20	1	6
		Walnuts, English	608	100%	2.00	1	1216
		Wheat for grain, total	13989	3%	1.00	1	420
Total Acres Planted:			51684			Total pounds:	10604

Total pounds affecting the Spawning and Growth residency of Upper Willamette - Chinook: 118,149

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Upper Columbia - Chinook						
Migration Residency						
Clark, WA						
		Alfalfa, all	836	2%	4.00	1 67
		Barley	830	5%	1.00	1 42
		Beans, snap	2	85%	3.99	1 7
		Corn, field	1730	1%	1.00	1 17
		Corn, sweet	87	1%	1.00	1 1
		Cucurbits, all	2	100%	1.00	1 2
		Grapes	32	3%	4.00	3 12
		Hay, all	19769	1%	0.75	1 148
		Oats	1174	1%	2.00	1 23
		Peaches	46	1%	2.00	1 1
		Plums and prunes	10	1%	2.00	1 0
		Squash	2	7%	3.99	1 1
		Tomatoes	10	53%	1.20	1 6
		Walnuts, English	51	100%	2.00	1 102
Total Acres Planted:			24581		Total pounds:	429
Clatsop, OR						
		Corn, sweet	5	1%	1.00	1 0
		Hay, all	4385	1%	0.75	1 33
Total Acres Planted:			4390		Total pounds:	33
Columbia, OR						
		Alfalfa, all	421	2%	4.00	1 34
		Corn, field	48	1%	1.00	1 0
		Grapes	6	3%	4.00	3 2
		Hay, all	10789	1%	0.75	1 81
		Oats	13	1%	2.00	1 0
		Plums and prunes	2	1%	2.00	1 0
		Walnuts, English	11	100%	2.00	1 22
Total Acres Planted:			11290		Total pounds:	139
Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1 8
		Beans, snap	1	85%	3.99	1 3
		Corn, field	460	1%	1.00	1 5
		Corn, sweet	1144	1%	1.00	1 11
		Hay, all	4261	1%	0.75	1 32
		Peas, green, excluding cowpeas	771	17%	1.01	1 132
		Tomatoes	1	53%	1.20	1 1
		Walnuts, English	5	100%	2.00	1 10
		Wheat for grain, total	293	3%	1.00	1 9
Total Acres Planted:			7041		Total pounds:	211

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Franklin, WA							
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
Total Acres Planted:			344126			Total pounds:	27150
Gilliam, OR							
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
Total Acres Planted:			119592			Total pounds:	3843
Hood River, OR							
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
Total Acres Planted:			2118			Total pounds:	70

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
Total Acres Planted:			112691			Total pounds:	4339
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
Total Acres Planted:			249838			Total pounds:	9488

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Multnomah, OR						
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
	Pacific, WA						
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
	Sherman, OR						
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
	Skamania, WA						
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398		Total pounds:		35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051		Total pounds:		30

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Yakima, WA						
		Alfalfa, all	33833	2%	4.00	1	2707
		Apricots	285	100%	2.00	1	570
		Asparagus	7034	22%	2.00	1	3095
		Barley	502	5%	1.00	1	25
		Beans, dry edible, excluding dry	2145	37%	1.02	1	807
		Beans, lima	731	85%	3.99	1	2479
		Beans, snap	106	85%	3.99	1	359
		Cabbage, all	144	35%	3.99	1	201
		Cantaloupes	78	18%	3.99	1	56
		Corn, field	24053	1%	1.00	1	241
		Corn, sweet	6478	1%	1.00	1	65
		Cucumbers	194	3%	3.99	1	23
		Cucurbits, all	727	100%	1.00	1	727
		Eggplant	5	100%	1.00	1	5
		Grapes	15529	3%	4.00	3	5590
		Hay, all	43868	1%	0.75	1	329
		Hops	27449	2%	1.00	1	549
		Mint for oil	12577	1%	0.75	1	94
		Nectarines	605	100%	2.00	1	1210
		Peaches	1438	1%	2.00	1	29
		Peas, green, excluding cowpeas	1201	17%	1.01	1	206
		Peppers, hot	41	100%	1.00	1	41
		Peppers, sweet	439	22%	3.99	1	385
		Plums and prunes	478	1%	2.00	1	10
		Potatoes (excluding sweet	1929	7%	1.02	1	138
		Pumpkins	90	2%	3.99	1	7
		Squash	292	7%	3.99	1	82
		Tomatoes	293	53%	1.20	1	186
		Turnips	40	100%	1.01	1	40
		Walnuts, English	11	100%	2.00	1	22
		Watermelons	151	5%	1.02	1	8
		Wheat for grain, total	50430	3%	1.00	1	1513
Total Acres Planted:			233176		Total pounds:		21799

Total pounds affecting the Migration residency of Upper Columbia - Chinook: 132,299

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113		Total pounds:		14828
Chelan, WA							
		Alfalfa, all	1210	2%	4.00	1	97
		Apricots	81	100%	2.00	1	162
		Hay, all	1953	1%	0.75	1	15
		Nectarines	22	100%	2.00	1	44
		Peaches	21	1%	2.00	1	0
		Plums and prunes	3	1%	2.00	1	0
		Wheat for grain, total	1864	3%	1.00	1	56
Total Acres Planted:			5154		Total pounds:		374
Douglas, WA							
		Alfalfa, all	1763	2%	4.00	1	141
		Apricots	315	100%	2.00	1	630
		Barley	2751	5%	1.00	1	138
		Canola (edible)	338	7%	1.00	1	24
		Hay, all	3516	1%	0.75	1	26
		Nectarines	91	100%	2.00	1	182
		Oats	671	1%	2.00	1	13
		Peaches	167	1%	2.00	1	3
		Wheat for grain, total	200291	3%	1.00	1	6009
Total Acres Planted:			209903		Total pounds:		7166

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Spawning and Growth Residency</i>							
Grant, WA							
		Alfalfa, all	120251	2%	4.00	1	9620
		Apricots	266	100%	2.00	1	532
		Asparagus	940	22%	2.00	1	414
		Barley	6548	5%	1.00	1	327
		Beans, dry edible, excluding dry	17353	37%	1.02	1	6526
		Beans, lima	3878	85%	3.99	1	13152
		Beans, snap	671	85%	3.99	1	2276
		Canola (edible)	642	7%	1.00	1	45
		Cantaloupes	35	18%	3.99	1	25
		Carrots	2207	25%	3.99	1	2201
		Corn, field	35123	1%	1.00	1	351
		Corn, sweet	32540	1%	1.00	1	325
		Cucumbers	1	3%	3.99	1	0
		Cucurbits, all	40	100%	1.00	1	40
		Grapes	3132	3%	4.00	3	1128
		Hay, all	126450	1%	0.75	1	948
		Mint for oil	15610	1%	0.75	1	117
		Nectarines	163	100%	2.00	1	326
		Oats	468	1%	2.00	1	9
		Onions, dry	6214	12%	0.63	1	466
		Peaches	261	1%	2.00	1	5
		Peas, dry edible	4976	19%	1.00	1	945
		Peas, green, excluding cowpeas	12829	17%	1.01	1	2196
		Peppers, hot	3	100%	1.00	1	3
		Plums and prunes	5	1%	2.00	1	0
		Potatoes (excluding sweet	44263	7%	1.02	1	3160
		Pumpkins	93	2%	3.99	1	7
		Squash	4	7%	3.99	1	1
		Sugar beets	10792	8%	0.75	1	648
		Tomatoes	5	53%	1.20	1	3
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	203498	3%	1.00	1	6105
Total Acres Planted:			649266		Total pounds:		51911

Table E-12: Upper Columbia - Chinook

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Spawning and Growth Residency							
Kittitas, WA							
		Alfalfa, all	8571	2%	4.00	1	686
		Barley	135	5%	1.00	1	7
		Corn, field	110	1%	1.00	1	1
		Corn, sweet	4432	1%	1.00	1	44
		Hay, all	45655	1%	0.75	1	342
		Mint for oil	409	1%	0.75	1	3
		Oats	898	1%	2.00	1	18
		Peaches	1	1%	2.00	1	0
		Plums and prunes	1	1%	2.00	1	0
		Potatoes (excluding sweet	442	7%	1.02	1	32
		Wheat for grain, total	5224	3%	1.00	1	157
Total Acres Planted:			65878		Total pounds:		1290
Okanogan, WA							
		Alfalfa, all	21880	2%	4.00	1	1750
		Apricots	13	100%	2.00	1	26
		Barley	614	5%	1.00	1	31
		Broccoli	1	32%	3.99	1	1
		Cabbage, all	1	35%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, sweet	7	1%	1.00	1	0
		Cucurbits, all	1	100%	1.00	1	1
		Hay, all	34283	1%	0.75	1	257
		Nectarines	38	100%	2.00	1	76
		Oats	1407	1%	2.00	1	28
		Peaches	67	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Plums and prunes	1	1%	2.00	1	0
		Squash	1	7%	3.99	1	0
		Walnuts, English	29	100%	2.00	1	58
		Wheat for grain, total	8410	3%	1.00	1	252
Total Acres Planted:			66755		Total pounds:		2484

Total pounds affecting the Spawning and Growth residency of Upper Columbia - Chinook: 78,057

Table E-13: Oregon Coast - Coho

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Oregon Coast - Coho							
Habitat Residency							
Benton, OR							
		Alfalfa, all	570	2%	4.00	1	46
		Beans, snap	3080	85%	3.99	1	10446
		Cantaloupes	7	18%	3.99	1	5
		Corn, field	525	1%	1.00	1	5
		Corn, sweet	5735	1%	1.00	1	57
		Cucumbers	3	3%	3.99	1	0
		Cucurbits, all	891	100%	1.00	1	891
		Grapes	242	3%	4.00	3	87
		Hay, all	8157	1%	0.75	1	61
		Lettuce and romaine	10	3%	3.99	1	1
		Mint for oil	2925	1%	0.75	1	22
		Oats	1584	1%	2.00	1	32
		Onions, dry	3	12%	0.63	1	0
		Peaches	8	1%	2.00	1	0
		Peas, green, excluding cowpeas	1	17%	1.01	1	0
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	5	1%	2.00	1	0
		Potatoes (excluding sweet	3	7%	1.02	1	0
		Squash	881	7%	3.99	1	246
		Sugar beets	687	8%	0.75	1	41
		Tomatoes	6	53%	1.20	1	4
		Walnuts, English	23	100%	2.00	1	46
		Wheat for grain, total	4338	3%	1.00	1	130
Total Acres Planted:			29689		Total pounds:		12125
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
Total Acres Planted:			4390		Total pounds:		33
Coos, OR							
		Corn, field	203	1%	1.00	1	2
		Grapes	12	3%	4.00	3	4
		Hay, all	12498	1%	0.75	1	94
		Nectarines	1	100%	2.00	1	2
		Peaches	1	1%	2.00	1	0
		Plums and prunes	3	1%	2.00	1	0
		Walnuts, English	1	100%	2.00	1	2
Total Acres Planted:			12719		Total pounds:		104

Table E-13: Oregon Coast - Coho

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Curry, OR							
		Hay, all	1637	1%	0.75	1	12
		Lettuce and romaine	1	3%	3.99	1	0
		Plums and prunes	6	1%	2.00	1	0
Total Acres Planted:			1644			Total pounds:	12
Douglas, OR							
		Alfalfa, all	1984	2%	4.00	1	159
		Apricots	1	100%	2.00	1	2
		Beans, snap	19	85%	3.99	1	64
		Broccoli	3	32%	3.99	1	4
		Cabbage, all	7	35%	3.99	1	10
		Cantaloupes	68	18%	3.99	1	49
		Corn, sweet	175	1%	1.00	1	2
		Cucumbers	9	3%	3.99	1	1
		Cucurbits, all	160	100%	1.00	1	160
		Eggplant	3	100%	1.00	1	3
		Grapes	581	3%	4.00	3	209
		Hay, all	35989	1%	0.75	1	270
		Lettuce and romaine	1	3%	3.99	1	0
		Oats	64	1%	2.00	1	1
		Onions, green	1	100%	1.00	1	1
		Peaches	53	1%	2.00	1	1
		Peppers, hot	1	100%	1.00	1	1
		Peppers, sweet	28	22%	3.99	1	25
		Plums and prunes	305	1%	2.00	1	6
		Pumpkins	75	2%	3.99	1	6
		Squash	17	7%	3.99	1	5
		Tomatoes	41	53%	1.20	1	26
		Walnuts, English	171	100%	2.00	1	342
		Watermelons	52	5%	1.02	1	3
		Wheat for grain, total	123	3%	1.00	1	4
Total Acres Planted:			39931			Total pounds:	1354

Table E-13: Oregon Coast - Coho

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Lane, OR							
		Alfalfa, all	876	2%	4.00	1	70
		Barley	147	5%	1.00	1	7
		Beans, snap	1796	85%	3.99	1	6091
		Broccoli	5	32%	3.99	1	6
		Cabbage, all	20	35%	3.99	1	28
		Cantaloupes	7	18%	3.99	1	5
		Carrots	270	25%	3.99	1	269
		Cauliflower	4	55%	3.99	1	9
		Corn, field	500	1%	1.00	1	5
		Corn, sweet	2593	1%	1.00	1	26
		Cucumbers	21	3%	3.99	1	3
		Cucurbits, all	55	100%	1.00	1	55
		Grapes	631	3%	4.00	3	227
		Hay, all	28728	1%	0.75	1	215
		Lettuce and romaine	15	3%	3.99	1	2
		Mint for oil	5350	1%	0.75	1	40
		Nectarines	2	100%	2.00	1	4
		Oats	372	1%	2.00	1	7
		Onions, dry	3	12%	0.63	1	0
		Peaches	54	1%	2.00	1	1
		Peppers, hot	2	100%	1.00	1	2
		Peppers, sweet	15	22%	3.99	1	13
		Plums and prunes	34	1%	2.00	1	1
		Potatoes (excluding sweet	9	7%	1.02	1	1
		Pumpkins	151	2%	3.99	1	12
		Squash	27	7%	3.99	1	8
		Sugar beets	773	8%	0.75	1	46
		Tomatoes	55	53%	1.20	1	35
		Walnuts, English	105	100%	2.00	1	210
		Wheat for grain, total	2651	3%	1.00	1	80
Total Acres Planted:			45271			Total pounds:	7478
Lincoln, OR							
		Beans, snap	1	85%	3.99	1	3
		Broccoli	1	32%	3.99	1	1
		Cabbage, all	1	35%	3.99	1	1
		Cucumbers	1	3%	3.99	1	0
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	1	3%	4.00	3	0
		Hay, all	2954	1%	0.75	1	22
		Lettuce and romaine	1	3%	3.99	1	0
		Squash	1	7%	3.99	1	0
Total Acres Planted:			2963			Total pounds:	29

Table E-13: Oregon Coast - Coho

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Polk, OR							
		Alfalfa, all	774	2%	4.00	1	62
		Barley	379	5%	1.00	1	19
		Beans, snap	598	85%	3.99	1	2028
		Cantaloupes	15	18%	3.99	1	11
		Corn, field	1472	1%	1.00	1	15
		Corn, sweet	1835	1%	1.00	1	18
		Cucurbits, all	16	100%	1.00	1	16
		Grapes	1123	3%	4.00	3	404
		Hay, all	20440	1%	0.75	1	153
		Mint for oil	2448	1%	0.75	1	18
		Oats	2273	1%	2.00	1	45
		Peaches	51	1%	2.00	1	1
		Plums and prunes	595	1%	2.00	1	12
		Pumpkins	1	2%	3.99	1	0
		Squash	1	7%	3.99	1	0
		Sugar beets	130	8%	0.75	1	8
		Tomatoes	4	53%	1.20	1	3
		Walnuts, English	33	100%	2.00	1	66
		Wheat for grain, total	9741	3%	1.00	1	292
Total Acres Planted:			41929		Total pounds:		3171
Tillamook, OR							
		Hay, all	7896	1%	0.75	1	59
Total Acres Planted:			7896		Total pounds:		59
Total pounds affecting the Habitat residency of Oregon Coast - Coho:							24,370

Table E-14: Hood Canal Summer Run - Chum

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
Hood Canal Summer Run - Chum							
<i>Habitat Residency</i>							
Clallam, WA							
		Alfalfa, all	1790	2%	4.00	1	143
		Barley	453	5%	1.00	1	23
		Corn, field	79	1%	1.00	1	1
		Corn, sweet	44	1%	1.00	1	0
		Grapes	4	3%	4.00	3	1
		Hay, all	5457	1%	0.75	1	41
		Plums and prunes	1	1%	2.00	1	0
		Total Acres Planted:	7828			Total pounds:	209
Island, WA							
		Alfalfa, all	2100	2%	4.00	1	168
		Barley	487	5%	1.00	1	24
		Corn, field	850	1%	1.00	1	8
		Corn, sweet	15	1%	1.00	1	0
		Grapes	14	3%	4.00	3	5
		Hay, all	7608	1%	0.75	1	57
		Total Acres Planted:	11074			Total pounds:	262
Jefferson, WA							
		Hay, all	2741	1%	0.75	1	21
		Total Acres Planted:	2741			Total pounds:	21
Kitsap, WA							
		Beans, snap	1	85%	3.99	1	3
		Carrots	1	25%	3.99	1	1
		Corn, sweet	4	1%	1.00	1	0
		Cucurbits, all	1	100%	1.00	1	1
		Grapes	8	3%	4.00	3	3
		Hay, all	1375	1%	0.75	1	10
		Lettuce and romaine	3	3%	3.99	1	0
		Peas, green, excluding cowpeas	1	17%	1.01	1	0
		Peppers, sweet	1	22%	3.99	1	1
		Plums and prunes	4	1%	2.00	1	0
		Potatoes (excluding sweet	2	7%	1.02	1	0
		Pumpkins	8	2%	3.99	1	1
		Squash	1	7%	3.99	1	0
		Total Acres Planted:	1410			Total pounds:	20

Table E-14: Hood Canal Summer Run - Chum

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
Mason, WA							
		Alfalfa, all	125	2%	4.00	1	10
		Beans, snap	2	85%	3.99	1	7
		Corn, sweet	109	1%	1.00	1	1
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	9	100%	1.00	1	9
		Hay, all	2113	1%	0.75	1	16
		Pumpkins	27	2%	3.99	1	2
		Squash	7	7%	3.99	1	2
		Tomatoes	1	53%	1.20	1	1
Total Acres Planted:			2395			Total pounds:	48

Total pounds affecting the Habitat residency of Hood Canal Summer Run - Chum: 562

Table E-15: Columbia River - Chum

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre: No Apps: Lbs/Crop:	
Columbia River - Chum						
Habitat Residency						
Clark, WA						
		Alfalfa, all	836	2%	4.00	1 67
		Barley	830	5%	1.00	1 42
		Beans, snap	2	85%	3.99	1 7
		Corn, field	1730	1%	1.00	1 17
		Corn, sweet	87	1%	1.00	1 1
		Cucurbits, all	2	100%	1.00	1 2
		Grapes	32	3%	4.00	3 12
		Hay, all	19769	1%	0.75	1 148
		Oats	1174	1%	2.00	1 23
		Peaches	46	1%	2.00	1 1
		Plums and prunes	10	1%	2.00	1 0
		Squash	2	7%	3.99	1 1
		Tomatoes	10	53%	1.20	1 6
		Walnuts, English	51	100%	2.00	1 102
		Total Acres Planted:	24581		Total pounds:	429
Clatsop, OR						
		Corn, sweet	5	1%	1.00	1 0
		Hay, all	4385	1%	0.75	1 33
		Total Acres Planted:	4390		Total pounds:	33
Columbia, OR						
		Alfalfa, all	421	2%	4.00	1 34
		Corn, field	48	1%	1.00	1 0
		Grapes	6	3%	4.00	3 2
		Hay, all	10789	1%	0.75	1 81
		Oats	13	1%	2.00	1 0
		Plums and prunes	2	1%	2.00	1 0
		Walnuts, English	11	100%	2.00	1 22
		Total Acres Planted:	11290		Total pounds:	139
Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1 8
		Beans, snap	1	85%	3.99	1 3
		Corn, field	460	1%	1.00	1 5
		Corn, sweet	1144	1%	1.00	1 11
		Hay, all	4261	1%	0.75	1 32
		Peas, green, excluding cowpeas	771	17%	1.01	1 132
		Tomatoes	1	53%	1.20	1 1
		Walnuts, English	5	100%	2.00	1 10
		Wheat for grain, total	293	3%	1.00	1 9
		Total Acres Planted:	7041		Total pounds:	211

Table E-15: Columbia River - Chum

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Habitat Residency</i>							
Lewis, WA							
		Alfalfa, all	937	2%	4.00	1	75
		Barley	873	5%	1.00	1	44
		Corn, field	746	1%	1.00	1	7
		Corn, sweet	662	1%	1.00	1	7
		Grapes	4	3%	4.00	3	1
		Hay, all	24463	1%	0.75	1	183
		Nuts, other	14	100%	2.00	1	28
		Oats	430	1%	2.00	1	9
		Peas, green, excluding cowpeas	1635	17%	1.01	1	280
		Plums and prunes	3	1%	2.00	1	0
		Pumpkins	12	2%	3.99	1	1
		Walnuts, English	4	100%	2.00	1	8
		Wheat for grain, total	1104	3%	1.00	1	33
Total Acres Planted:			30887			Total pounds:	676
Multnomah, OR							
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
Total Acres Planted:			10002			Total pounds:	2065

Table E-15: Columbia River - Chum

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Habitat Residency							
Pacific, WA							
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
Skamania, WA							
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
		Total Acres Planted:	4051			Total pounds:	30
Washington, OR							
		Alfalfa, all	1680	2%	4.00	1	134
		Barley	153	5%	1.00	1	8
		Beans, snap	988	85%	3.99	1	3351
		Broccoli	400	32%	3.99	1	511
		Cabbage, all	400	35%	3.99	1	559
		Cantaloupes	1	18%	3.99	1	1
		Carrots	1	25%	3.99	1	1
		Corn, field	3193	1%	1.00	1	32
		Corn, sweet	4962	1%	1.00	1	50
		Cucumbers	188	3%	3.99	1	23
		Cucurbits, all	273	100%	1.00	1	273
		Eggplant	1	100%	1.00	1	1
		Grapes	989	3%	4.00	3	356
		Hay, all	14539	1%	0.75	1	109
		Lettuce and romaine	3	3%	3.99	1	0
		Oats	5258	1%	2.00	1	105
		Onions, dry	196	12%	0.63	1	15
		Peaches	168	1%	2.00	1	3
		Peas, green, excluding cowpeas	840	17%	1.01	1	144
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	358	1%	2.00	1	7
		Pumpkins	48	2%	3.99	1	4
		Squash	82	7%	3.99	1	23
		Tomatoes	27	53%	1.20	1	17
		Walnuts, English	679	100%	2.00	1	1358
		Watermelons	2	5%	1.02	1	0
		Wheat for grain, total	17020	3%	1.00	1	511
		Total Acres Planted:	52451			Total pounds:	7598

Table E-15: Columbia River - Chum

ESU/Residency	County	Crop	Acres Planted: %	lbs/Acre: No Apps: Lbs/Crop:
<i>Habitat Residency</i>				
<i>Total pounds affecting the Habitat residency of Columbia River - Chum:</i>				<i>11,255</i>

Table E-16: Ozette Lake - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Ozette Lake - Sockeye							
Habitat Residency							
Clallam, WA							
		Alfalfa, all	1790	2%	4.00	1	143
		Barley	453	5%	1.00	1	23
		Corn, field	79	1%	1.00	1	1
		Corn, sweet	44	1%	1.00	1	0
		Grapes	4	3%	4.00	3	1
		Hay, all	5457	1%	0.75	1	41
		Plums and prunes	1	1%	2.00	1	0
Total Acres Planted:			7828			Total pounds:	209
Total pounds affecting the Habitat residency of Ozette Lake - Sockeye:							209

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Snake River - Sockeye							
Migration Residency							
Asotin, WA							
		Alfalfa, all	1648	2%	4.00	1	132
		Apricots	5	100%	2.00	1	10
		Barley	10205	5%	1.00	1	510
		Hay, all	4515	1%	0.75	1	34
		Peaches	18	1%	2.00	1	0
		Wheat for grain, total	21110	3%	1.00	1	633
Total Acres Planted:			37501		Total pounds:		1319
Benton, WA							
		Alfalfa, all	13241	2%	4.00	1	1059
		Apricots	174	100%	2.00	1	348
		Asparagus	1638	22%	2.00	1	721
		Barley	435	5%	1.00	1	22
		Corn, field	357	1%	1.00	1	4
		Corn, sweet	15729	1%	1.00	1	157
		Grapes	15929	3%	4.00	3	5734
		Hay, all	18737	1%	0.75	1	141
		Hops	4412	2%	1.00	1	88
		Nectarines	106	100%	2.00	1	212
		Onions, dry	3398	12%	0.63	1	255
		Peaches	149	1%	2.00	1	3
		Peppers, sweet	2	22%	3.99	1	2
		Plums and prunes	180	1%	2.00	1	4
		Potatoes (excluding sweet	25317	7%	1.02	1	1808
		Sugar beets	4284	8%	0.75	1	257
		Tomatoes	3	53%	1.20	1	2
		Walnuts, English	41	100%	2.00	1	82
		Wheat for grain, total	130981	3%	1.00	1	3929
Total Acres Planted:			235113		Total pounds:		14828

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Clark, WA							
		Alfalfa, all	836	2%	4.00	1	67
		Barley	830	5%	1.00	1	42
		Beans, snap	2	85%	3.99	1	7
		Corn, field	1730	1%	1.00	1	17
		Corn, sweet	87	1%	1.00	1	1
		Cucurbits, all	2	100%	1.00	1	2
		Grapes	32	3%	4.00	3	12
		Hay, all	19769	1%	0.75	1	148
		Oats	1174	1%	2.00	1	23
		Peaches	46	1%	2.00	1	1
		Plums and prunes	10	1%	2.00	1	0
		Squash	2	7%	3.99	1	1
		Tomatoes	10	53%	1.20	1	6
		Walnuts, English	51	100%	2.00	1	102
Total Acres Planted:			24581			Total pounds:	429
Clatsop, OR							
		Corn, sweet	5	1%	1.00	1	0
		Hay, all	4385	1%	0.75	1	33
Total Acres Planted:			4390			Total pounds:	33
Columbia, OR							
		Alfalfa, all	421	2%	4.00	1	34
		Corn, field	48	1%	1.00	1	0
		Grapes	6	3%	4.00	3	2
		Hay, all	10789	1%	0.75	1	81
		Oats	13	1%	2.00	1	0
		Plums and prunes	2	1%	2.00	1	0
		Walnuts, English	11	100%	2.00	1	22
Total Acres Planted:			11290			Total pounds:	139
Columbia, WA							
		Alfalfa, all	1780	2%	4.00	1	142
		Barley	17547	5%	1.00	1	877
		Corn, field	51	1%	1.00	1	1
		Hay, all	2806	1%	0.75	1	21
		Lentils	350	100%	0.88	1	306
		Mustard seed	803	100%	1.25	1	1004
		Oats	1891	1%	2.00	1	38
		Peas, dry edible	6401	19%	1.00	1	1216
		Wheat for grain, total	77511	3%	1.00	1	2325
Total Acres Planted:			109140			Total pounds:	5930

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Cowlitz, WA						
		Alfalfa, all	105	2%	4.00	1	8
		Beans, snap	1	85%	3.99	1	3
		Corn, field	460	1%	1.00	1	5
		Corn, sweet	1144	1%	1.00	1	11
		Hay, all	4261	1%	0.75	1	32
		Peas, green, excluding cowpeas	771	17%	1.01	1	132
		Tomatoes	1	53%	1.20	1	1
		Walnuts, English	5	100%	2.00	1	10
		Wheat for grain, total	293	3%	1.00	1	9
		Total Acres Planted:	7041			Total pounds:	211
	Franklin, WA						
		Alfalfa, all	71910	2%	4.00	1	5753
		Apricots	68	100%	2.00	1	136
		Asparagus	8610	22%	2.00	1	3788
		Beans, dry edible, excluding dry	2470	37%	1.02	1	929
		Beans, lima	988	85%	3.99	1	3351
		Beans, snap	236	85%	3.99	1	800
		Cantaloupes	5	18%	3.99	1	4
		Carrots	3574	25%	3.99	1	3565
		Corn, field	12594	1%	1.00	1	126
		Corn, sweet	11834	1%	1.00	1	118
		Cucumbers	2	3%	3.99	1	0
		Cucurbits, all	7	100%	1.00	1	7
		Grapes	2813	3%	4.00	3	1013
		Hay, all	75728	1%	0.75	1	568
		Mint for oil	1586	1%	0.75	1	12
		Nectarines	129	100%	2.00	1	258
		Onions, dry	4074	12%	0.63	1	306
		Peaches	262	1%	2.00	1	5
		Peas, dry edible	528	19%	1.00	1	100
		Peas, green, excluding cowpeas	568	17%	1.01	1	97
		Plums and prunes	43	1%	2.00	1	1
		Potatoes (excluding sweet	35770	7%	1.02	1	2554
		Sunflower seed	698	44%	1.20	1	369
		Tomatoes	2	53%	1.20	1	1
		Wheat for grain, total	109627	3%	1.00	1	3289
		Total Acres Planted:	344126			Total pounds:	27150

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Garfield, WA						
		Alfalfa, all	802	2%	4.00	1	64
		Barley	36082	5%	1.00	1	1804
		Canola (edible)	419	7%	1.00	1	29
		Hay, all	2310	1%	0.75	1	17
		Wheat for grain, total	71689	3%	1.00	1	2151
		Total Acres Planted:	111302			Total pounds:	4065
	Gilliam, OR						
		Alfalfa, all	2450	2%	4.00	1	196
		Barley	13175	5%	1.00	1	659
		Hay, all	3826	1%	0.75	1	29
		Oats	4557	1%	2.00	1	91
		Wheat for grain, total	95584	3%	1.00	1	2868
		Total Acres Planted:	119592			Total pounds:	3843
	Hood River, OR						
		Alfalfa, all	443	2%	4.00	1	35
		Corn, sweet	4	1%	1.00	1	0
		Grapes	63	3%	4.00	3	23
		Hay, all	1595	1%	0.75	1	12
		Peaches	13	1%	2.00	1	0
		Total Acres Planted:	2118			Total pounds:	70
	Idaho, ID						
		Alfalfa, all	20266	2%	4.00	1	1621
		Barley	28872	5%	1.00	1	1444
		Canola (edible)	955	7%	1.00	1	67
		Corn, field	117	1%	1.00	1	1
		Grapes	1	3%	4.00	3	0
		Hay, all	41025	1%	0.75	1	308
		Lentils	927	100%	0.88	1	811
		Oats	2922	1%	2.00	1	58
		Peas, dry edible	1517	19%	1.00	1	288
		Plums and prunes	2	1%	2.00	1	0
		Tomatoes	1	53%	1.20	1	1
		Wheat for grain, total	62283	3%	1.00	1	1868
		Total Acres Planted:	158888			Total pounds:	6467

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Klickitat, WA							
		Alfalfa, all	28434	2%	4.00	1	2275
		Apricots	18	100%	2.00	1	36
		Barley	7464	5%	1.00	1	373
		Grapes	419	3%	4.00	3	151
		Hay, all	35540	1%	0.75	1	267
		Oats	194	1%	2.00	1	4
		Peaches	199	1%	2.00	1	4
		Peppers, sweet	12	22%	3.99	1	11
		Plums and prunes	1	1%	2.00	1	0
		Tomatoes	9	53%	1.20	1	6
		Wheat for grain, total	40401	3%	1.00	1	1212
		Total Acres Planted:	112691			Total pounds:	4339
Lemhi, ID							
		Alfalfa, all	28143	2%	4.00	1	2251
		Barley	487	5%	1.00	1	24
		Hay, all	46392	1%	0.75	1	348
		Oats	441	1%	2.00	1	9
		Peaches	3	1%	2.00	1	0
		Total Acres Planted:	75466			Total pounds:	2632
Lewis, ID							
		Alfalfa, all	3885	2%	4.00	1	311
		Barley	21851	5%	1.00	1	1093
		Canola (edible)	972	7%	1.00	1	68
		Hay, all	6335	1%	0.75	1	48
		Lentils	3748	100%	0.88	1	3280
		Oats	1388	1%	2.00	1	28
		Peas, dry edible	8434	19%	1.00	1	1602
		Wheat for grain, total	64367	3%	1.00	1	1931
		Total Acres Planted:	110980			Total pounds:	8361
Morrow, OR							
		Alfalfa, all	22180	2%	4.00	1	1774
		Barley	2688	5%	1.00	1	134
		Corn, field	9276	1%	1.00	1	93
		Corn, sweet	3720	1%	1.00	1	37
		Hay, all	25211	1%	0.75	1	189
		Mustard seed	650	100%	1.25	1	812
		Onions, dry	1284	12%	0.63	1	96
		Peas, green, excluding cowpeas	729	17%	1.01	1	125
		Potatoes (excluding sweet	17030	7%	1.02	1	1216
		Wheat for grain, total	167070	3%	1.00	1	5012
		Total Acres Planted:	249838			Total pounds:	9488

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		Lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
	Multnomah, OR						
		Alfalfa, all	389	2%	4.00	1	31
		Barley	220	5%	1.00	1	11
		Beans, snap	77	85%	3.99	1	261
		Broccoli	29	32%	3.99	1	37
		Cabbage, all	553	35%	3.99	1	772
		Cauliflower	55	55%	3.99	1	121
		Corn, field	193	1%	1.00	1	2
		Corn, sweet	1212	1%	1.00	1	12
		Cucumbers	297	3%	3.99	1	36
		Cucurbits, all	460	100%	1.00	1	460
		Grapes	28	3%	4.00	3	10
		Hay, all	3082	1%	0.75	1	23
		Lettuce and romaine	62	3%	3.99	1	7
		Oats	60	1%	2.00	1	1
		Peaches	36	1%	2.00	1	1
		Peas, green, excluding cowpeas	616	17%	1.01	1	105
		Peppers, sweet	4	22%	3.99	1	4
		Plums and prunes	3	1%	2.00	1	0
		Potatoes (excluding sweet	336	7%	1.02	1	24
		Pumpkins	417	2%	3.99	1	33
		Squash	163	7%	3.99	1	46
		Tomatoes	20	53%	1.20	1	13
		Walnuts, English	2	100%	2.00	1	4
		Wheat for grain, total	1688	3%	1.00	1	51
		Total Acres Planted:	10002			Total pounds:	2065
	Nez Perce, ID						
		Alfalfa, all	6262	2%	4.00	1	501
		Apricots	1	100%	2.00	1	2
		Barley	21134	5%	1.00	1	1057
		Beans, dry edible, excluding dry	4561	37%	1.02	1	1715
		Canola (edible)	437	7%	1.00	1	31
		Corn, sweet	15	1%	1.00	1	0
		Hay, all	10236	1%	0.75	1	77
		Lentils	11900	100%	0.88	1	10412
		Oats	115	1%	2.00	1	2
		Peaches	22	1%	2.00	1	0
		Peas, dry edible	25659	19%	1.00	1	4875
		Peas, green, excluding cowpeas	1816	17%	1.01	1	311
		Wheat for grain, total	89990	3%	1.00	1	2700
		Total Acres Planted:	172148			Total pounds:	21683

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration</i>	<i>Residency</i>						
	Pacific, WA						
		Alfalfa, all	110	2%	4.00	1	9
		Hay, all	5619	1%	0.75	1	42
		Total Acres Planted:	5729			Total pounds:	51
	Sherman, OR						
		Alfalfa, all	230	2%	4.00	1	18
		Barley	21402	5%	1.00	1	1070
		Hay, all	339	1%	0.75	1	3
		Oats	165	1%	2.00	1	3
		Wheat for grain, total	99837	3%	1.00	1	2995
		Total Acres Planted:	121973			Total pounds:	4089
	Skamania, WA						
		Alfalfa, all	164	2%	4.00	1	13
		Hay, all	489	1%	0.75	1	4
		Nuts, other	4	100%	2.00	1	8
		Total Acres Planted:	657			Total pounds:	25

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Umatilla, OR							
		Alfalfa, all	25033	2%	4.00	1	2003
		Apricots	14	100%	2.00	1	28
		Asparagus	1093	22%	2.00	1	481
		Barley	16354	5%	1.00	1	818
		Beans, dry edible, excluding dry	1501	37%	1.02	1	564
		Beans, lima	1239	85%	3.99	1	4202
		Beans, snap	587	85%	3.99	1	1991
		Canola (edible)	4739	7%	1.00	1	332
		Cantaloupes	126	18%	3.99	1	90
		Corn, field	7903	1%	1.00	1	79
		Corn, sweet	2077	1%	1.00	1	21
		Cucurbits, all	963	100%	1.00	1	963
		Grapes	163	3%	4.00	3	59
		Hay, all	33080	1%	0.75	1	248
		Lentils	615	100%	0.88	1	538
		Mustard seed	6644	100%	1.25	1	8305
		Oats	108	1%	2.00	1	2
		Onions, dry	3914	12%	0.63	1	294
		Peaches	7	1%	2.00	1	0
		Peas, dry edible	3016	19%	1.00	1	573
		Peas, green, excluding cowpeas	28171	17%	1.01	1	4823
		Peppers, sweet	121	22%	3.99	1	106
		Plums and prunes	365	1%	2.00	1	7
		Potatoes (excluding sweet	15003	7%	1.02	1	1071
		Pumpkins	74	2%	3.99	1	6
		Tomatoes	27	53%	1.20	1	17
		Watermelons	837	5%	1.02	1	43
		Wheat for grain, total	263624	3%	1.00	1	7909
Total Acres Planted:			417398			Total pounds:	35573
Wahkiakum, WA							
		Hay, all	4051	1%	0.75	1	30
Total Acres Planted:			4051			Total pounds:	30

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted: %		lbs/Acre:	No Apps:	Lbs/Crop:
Migration Residency							
Walla Walla, WA							
		Alfalfa, all	17547	2%	4.00	1	1404
		Asparagus	1414	22%	2.00	1	622
		Barley	22584	5%	1.00	1	1129
		Beans, dry edible, excluding dry	5457	37%	1.02	1	2052
		Beans, lima	458	85%	3.99	1	1553
		Beans, snap	250	85%	3.99	1	848
		Cabbage, all	6	35%	3.99	1	8
		Canola (edible)	2566	7%	1.00	1	180
		Corn, field	7066	1%	1.00	1	71
		Corn, sweet	7535	1%	1.00	1	75
		Cucumbers	140	3%	3.99	1	17
		Cucurbits, all	140	100%	1.00	1	140
		Hay, all	16169	1%	0.75	1	121
		Mustard seed	964	100%	1.25	1	1205
		Onions, dry	2172	12%	0.63	1	163
		Peas, dry edible	5696	19%	1.00	1	1082
		Peas, green, excluding cowpeas	10962	17%	1.01	1	1877
		Plums and prunes	22	1%	2.00	1	0
		Potatoes (excluding sweet	9256	7%	1.02	1	661
		Wheat for grain, total	232419	3%	1.00	1	6973
Total Acres Planted:			342823		Total pounds:		20181
Wallowa, OR							
		Alfalfa, all	18253	2%	4.00	1	1460
		Barley	8796	5%	1.00	1	440
		Hay, all	31646	1%	0.75	1	237
		Oats	560	1%	2.00	1	11
		Wheat for grain, total	14502	3%	1.00	1	435
Total Acres Planted:			73757		Total pounds:		2583
Wasco, OR							
		Alfalfa, all	7239	2%	4.00	1	579
		Apricots	32	100%	2.00	1	64
		Barley	2413	5%	1.00	1	121
		Corn, sweet	1	1%	1.00	1	0
		Grapes	110	3%	4.00	3	40
		Hay, all	10684	1%	0.75	1	80
		Peaches	30	1%	2.00	1	1
		Wheat for grain, total	63369	3%	1.00	1	1901
Total Acres Planted:			83878		Total pounds:		2786

Table E-17: Snake River - Sockeye

ESU/Residency	County	Crop	Acres Planted:	%	lbs/Acre:	No Apps:	Lbs/Crop:
<i>Migration Residency</i>							
Whitman, WA							
		Alfalfa, all	6644	2%	4.00	1	532
		Barley	160110	5%	1.00	1	8006
		Beans, dry edible, excluding dry	1283	37%	1.02	1	482
		Canola (edible)	1498	7%	1.00	1	105
		Corn, field	101	1%	1.00	1	1
		Hay, all	12637	1%	0.75	1	95
		Lentils	57544	100%	0.88	1	50351
		Oats	203	1%	2.00	1	4
		Peas, dry edible	84356	19%	1.00	1	16028
		Peas, green, excluding cowpeas	5589	17%	1.01	1	957
		Wheat for grain, total	478098	3%	1.00	1	14343
Total Acres Planted:			808063			Total pounds:	90904

Total pounds affecting the Migration residency of Snake River - Sockeye: 269,273

Spawning and Growth Residency

Blaine, ID

	Alfalfa, all	17425	2%	4.00	1	1394
	Barley	17270	5%	1.00	1	864
	Hay, all	21615	1%	0.75	1	162
	Oats	315	1%	2.00	1	6
	Potatoes (excluding sweet	848	7%	1.02	1	61
	Wheat for grain, total	2837	3%	1.00	1	85
Total Acres Planted:			60310			Total pounds: 2572

Custer, ID

	Alfalfa, all	24467	2%	4.00	1	1957
	Barley	2386	5%	1.00	1	119
	Hay, all	32122	1%	0.75	1	241
	Oats	150	1%	2.00	1	3
	Potatoes (excluding sweet	507	7%	1.02	1	36
	Wheat for grain, total	645	3%	1.00	1	19
Total Acres Planted:			60277			Total pounds: 2375

Total pounds affecting the Spawning and Growth residency of Snake River - Sockeye: 4,948