

Washington Tree Fruit Acreage Report 2011

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Compiled by USDA/NATIONAL AGRICULTURAL STATISTICS SERVICE
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Fruit Reporting Areas of Washington State

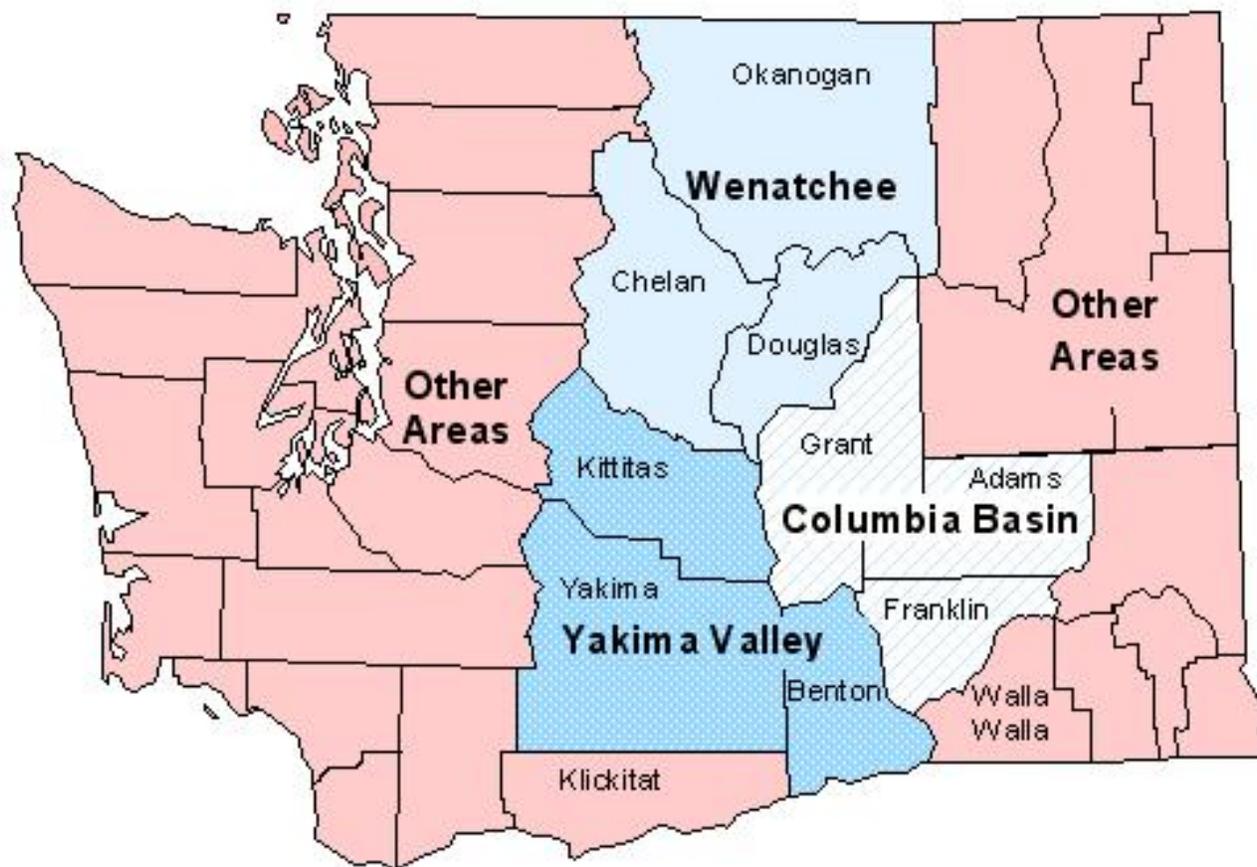


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Some Notes About These Data

It is a large and challenging task to compile information detailed in this publication. This project would not have been possible without the assistance and support of many people and organizations. We would like to thank all of the fruit organizations in the state that supported the survey work and helped to publicize the importance of the work. Thanks go to Dan Kelly at the Washington Growers Clearinghouse, Lindsay Buckner of Tree Top Inc., and Todd Fryhover of the Washington Apple Commission for their support, assistance and feedback. We would like to thank Vicky Scharlau and Susan Pheasant for feedback, assistance, and their efforts to promote this project. Special thanks go to Perry Beale for his assistance and cooperation to use the Washington State Department of Agriculture's geographic information system (GIS) layer to facilitate the area survey portion of this project.

Most importantly we would like to thank the tree fruit and grape growers who took the time from their busy schedules to provide the data compiled in this publication. This project would not have been possible without their cooperation.

The 2011 Grape and Tree Fruit Acreage Inventory by Variety Study was designed to measure the details about the Washington Grape and Tree Fruit industries. This is the sixth time a survey of this type has been conducted in Washington. Previous surveys were conducted in 1948-49, 1986, 1993, 2001, and 2006. Comparisons to previous data are shown in the publication. Data may not be comparable due to changes in survey methodology. Statistics regarding grapes will be released in a separate publication. The following are some notes regarding the tree fruit data.

The survey was supported by all of the major fruit organizations and publicized in many newsletters and industry publications. Orchardists were sent pre-survey letters, endorsed by the coalition of Northwest tree fruit organizations, explaining the intent and need to report. An example of the pre-survey letter is included in the appendix of this report.

In addition to the existing list of orchard operations, several lists of fruit producers were obtained and matched to the existing list to maximize the coverage of the list portion of the survey. Lists from commissions, associations, county assessors, marketing orders, and others were reviewed for this effort. The list portion of the survey included all those operation thought to have five or more acres of tree fruit or one or more acres of grapes. The list sample included over 5,200 operations. The modes of data collection included mail, telephone, personal interview, and online Electronic Data Reporting. Operations were given an opportunity to respond by mail beginning in December 2010. A copy of the questionnaire and respondent booklet are included in this report. The beginning date of data collection was December 1, 2010. The median date of data collection was February 15. Follow-up mailings were conducted and all medium and most smaller operations were contacted by telephone. Large operations, defined as those thought to have greater than 500 acres of fruit or those with significant amounts of less prevalent fruit, were followed up with face-to-face interviews. When possible, efforts were made to use grower electronic records. Over 23,000 individual blocks of fruit information from approximately 2,200 growers who reported one or more blocks of tree fruit or grapes were tabulated. Most of the nonrespondents were smaller-sized operations as less effort was made to follow-up with growers expected to report very small fruit acreages.

To evaluate the completeness of the list portion of the survey an area study was conducted. One hundred square miles, or sections, of land containing tree fruit or grapes were statistically sampled and screened for tree fruit or grape producers. Orchard or vineyards operators in the chosen sections were recorded and compared to the names in the list portion of the sample. Those area records not present on the list represent the incompleteness of the list portion of the survey. The list portion of the survey covered just over 95 percent of the total acreage. Much of the acreage missed by the list portion of the survey had recently changed ownership or management. Most of the operations not present on the list were very small operations.

There were several measures employed to assure data quality. Telephone data collection was conducted using a computerized survey instrument. The survey instrument included prompts to the interviewer when unusual situations were encountered. An example would be an extremely high or low planting density. All records, including those collected by mail and face-to-face interviews, were reviewed within a computerized interactive editing system. This process ensured that records were internally consistent (e.g. acres in blocks of fruit add up to total fruit acres reported). Some data errors can best be identified by reviewing all records meeting a particular criterion. For example, a review of all Braeburn apples blocks planted in the past five years on dwarfing rootstock, sorted by trees per acre, would highlight blocks with usually high or low planting densities. The data in this survey were reviewed in an interactive analysis system that would facilitate these types of reviews.

A small number of operations were able to provide only partial block level information. In these cases, the averages from the reported data were used to complete the block level data. For example, a partially responding ten acre block of

Cameo apples planted between 1996 and 2000 on a semi-dwarfing rootstock would have been given the trees per acre average from responding blocks of the same characteristics to estimate the total number of trees for the block.

Block level data from responding orchards represented approximately 78 percent of the published totals. This is a significant increase from the data coverage of 70 percent in the 2006 report. The amount varied somewhat by type of fruit. Several steps were employed to produce the most accurate adjustments between the reported and published totals. Acreage reported on prior NASS surveys was utilized to estimate acreage of non-responding orchards by type of fruit. Then, recalling the 95 percent of the acreage covered by the list described earlier in this section, an additional adjustment of approximately five percent would be added to adjust for coverage.

The adjusted survey data totals were analyzed by county for reasonableness. In addition to the adjusted survey totals described above, data from the 2007 Census of Agriculture, the previous fruit tree acreage survey, and orchard data from WSDA's GIS layer were also considered in setting total fruit acreage "targets" by county and region. Targets were also established for individual fruit crops at the state level.

Once the targets were set, the adjustments were carried through to each individual responding block of data. The same adjustment process utilized in the Census of Agriculture, known as calibration, where the weights of responding blocks of fruit are adjusted within tolerance ranges of the targets was used. Before adjustment, responding fruit blocks had weights of one; after adjustment the average weight was 1.11 with a maximum weight of three. This means, for example, that a reported ten acre block of Bing cherries containing 1,500 trees might have received a weight of, say, 1.2. After weighting, the block of fruit would have contributed 12 acres and 1,800 trees to the published totals.

For published items containing few responses and relatively small totals, the adjustments for coverage and nonresponse may cause some distortions. Also, if a dominant producer of a relatively rare variety did not respond, the published total may under-represent the true total.

The data in this publication are shown to the nearest acre and tree. Publishing to the nearest acre and tree facilitates publishing the cross-tabulations by area, rootstock, variety, and year planted. Acres were reported to the tenth of an acre. Due to rounding, acreage by varieties may not sum to the totals. Although every effort has been made to provide high quality data, published items should be considered to approximate the true values. For some items, there were no reports for a breakout or insufficient reports to publish an item without disclosing individual grower data. In this publication, specific NASS procedures were employed to protect respondents' confidentiality. In some cases, additional items are required to be suppressed to prevent disclosure of an individual's data. For example, if Ambrosia apples in the Wenatchee area are not able to be published, at least one other area would need to be suppressed or one could infer the Wenatchee total by subtracting the published areas from the variety total. This process occasionally leads to items with a sizeable acreage or number of reports to be suppressed. This type of suppression is called a complementary suppression. Data suppressions and zero reported data are indicated with a "--" in the publication.

In the 2011 survey, bearing trees and non-bearing trees were collected for each block. This allowed orchardists to report some young non-bearing trees in mature blocks. This fact should be kept in mind when reviewing non-bearing trees by year planted. Recent interplantings in mature blocks are reflected in the data by the year planted of the majority of the block.

Respondents were asked to provide the year the trees were planted or topworked. During review of these data, some reports of plantings were reported as occurring prior to the commercial release of the varieties. Upon further review, these were typically situations where trees had been more recently topworked but the orchardist had reported the year the trees were originally planted. The data were corrected when this situation was identified. There are likely some additional blocks of fruit that were reported by year originally planted but have been more recently topworked.

As with 2006, the 2011 survey also included a question on rootstock (dwarf, semi-dwarf, and standard) for apples, sweet cherries, and pears. It was expected that there would be a strong correlation between the rootstock category and a given range of planting density. This was not the case. The reported density ranges by rootstock were much wider than expected. Efforts were made to correct extreme density outliers; however, reported rootstocks were not forced to fit a certain range of tree density.

New for the 2011 survey, respondents were asked to provide the number of certified organic acres as well as transition to organic acres for each block of fruit. These results are summarized by variety and growing region. In addition, respondents were asked to provide the total acres certified in a Food Safety GAP program. The reported acres totaled

67,376. No adjustments were made to this number for non-response, nor coverage. Data users should consider this number as an absolute minimum.

Data included in "other varieties" include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations. Almost certainly, some acres of the published varieties are included in this other category when the respondent did not designate the variety. The varieties of apples reported but not published include: Akane, Cortland, Crimson Gold, Criterion, Earligold, Elstar, Empire, Envy, Gravenstein, Idared, Jonathan, Liberty, Lodi, McIntosh, Melrose, Minneiska, Mutsu, Newtown, Opal, Orin, Pinova, Sansa, Spartan, Winesap, Winter Banana, and Zestar.

The varieties of sweet cherries reported but not published include: Brooks, Chinook, Royal Ann, Sandra Rose, and Stella.

The varieties of pears reported but not published include: Red Sensation, Starkrimson, Taylors Gold, and Tosca.

The varieties of apricots reported but not published include: Blenheim, Casselbrite, Goldstrike, Tomcot, and Sun-glo.

The varieties of nectarines reported but not published include: Arctic Pride, Arctic Rose, August Red, Fantasia, First Red, Flame, Flavortop, Grand Pearl, Scarlet Sun, September Red, Spring Brite, Summer Beaut, Supreme Red, and Sunglo.

The varieties of peaches reported but not published include: Allstar, Angelus, Arctic Gem, Blazingstar, Blushing Star, Brendasun, Cresthaven, Coral Star, Crimson Lady, David Sun, Fancy Lady, Flaming Fury, Flavorcrest, Glohaven, Gold Medal, Golden Alberta, John Henry, June Pride, June Lady, July Sun, Loring, Madison, Newhaven, Red Globe, Redstar, Red Lady, Regina, Rio Oso Gem, Risingstar, Roza, Ryan Sun, Saturn, Sierra Gem, Sierra Lady, Starfire, Suncrest, Valley Sweet, Veteran, and White Lady.

The varieties of prunes and plums reported but not published include: Black Amber, Catalina, Duarte, Elephant Heart, Friar, Santa Rosa, Shiro, and Yellow Lady.

A small acreage of Balaton tart cherries were reported in the survey and were collapsed into the Montmorency variety total.

Pluot acreage data was also collected in 2011. The total pluot acreage at the state level is estimated at 114 acres with 44,485 trees. Pluot data at region and variety levels were not published due to disclosure rules.

"Washington Fruit Survey 2011" Report as Compared to "Washington Fruit Survey 2006" Report and Earlier Publications

Published results for tree fruit from the surveys conducted with a reference date of January 1, 1986, 1993, 2001, 2006, and 2011 are shown in the following four tables. Data may not be comparable due to changes in survey methodology. The results for January 1, 2001 and before were rounded to reflect that these data are estimates. The results for the January 1, 2011 and 2006 reference dates are published to the nearest acre and tree. Publishing to the nearest acre and tree facilitated publication of cross-tabulations by area, rootstock, variety, and year planted. Although every effort has been made to provide high quality data, published items should be considered to approximate the true values. The 2011 survey screened out respondents with fewer than five acres of tree fruit and total grape acreage less than one acre. In 2006, any orchard or vineyard with one acre or more were asked to complete the survey. Screening out of the smaller operations was an effort to focus time and resources on records that would have more of a significant impact on the estimates. The methodology in 2011 was virtually the same as the 2006 survey, which used more advanced procedures and methodology than previous studies. The main differences, described above, are the use of an area study to measure incompleteness of the sampling list and more sophisticated adjustments for non-response and coverage. Even with the screening process eliminating reporting for orchards with less than five acres, the proportion of reported data as a percentage of the total fruit acres was significantly higher than 2006, leading to higher quality results. The specific methodologies employed for this survey mirror those used for the Census of Agriculture. Also new for the 2011 survey, respondents were asked to provide the number of certified organic acres as well as transition to organic acres for each block of fruit. These results are summarized by variety and growing region.

Tree Fruit: Acreage, by Variety, Washington, Historical Comparisons, January 1, 1986-2011

Fruit Variety	Total acres				
	1986 (acres)	1993 (acres)	2001 (acres)	2006 (acres)	2011 (acres)
Apples:					
Ambrosia	-	-	-	374	695
Braeburn	-	3,300	6,100	6,873	4,009
Cameo	-	-	3,200	4,308	2,431
Cripps Pink (Pink Lady)	-	-	3,300	4,006	4,810
Early Fuji	-	-	-	-	1,432
Fuji/Red Fuji	-	11,100	24,400	22,153	27,683
Gala	230	5,900	25,500	27,807	32,780
Ginger Gold	-	-	1,600	373	298
Golden Delicious	22,665	23,300	22,700	19,012	14,852
Golden Supreme	-	-	-	157	162
Granny Smith	8,220	8,500	17,600	23,593	18,585
Honeycrisp	-	-	300	4,307	9,098
Jazz	-	-	-	806	1,317
Jonagold	185	1,700	2,400	2,218	1,450
Lady Alice	-	-	-	-	294
Pacific Rose	-	-	-	277	335
Pinata	-	-	-	200	458
Red Delicious	121,175	110,000	82,000	51,530	43,379
Rome (Red Rome)	3,815	3,800	1,300	591	316
Sonya	-	-	-	-	339
Other ¹	4,609	9,900	9,700	4,401	2,765
Total Apples	160,980	172,000	192,000	172,986	167,489
Sweet Cherries:					
Attika	-	-	-	34	57
Benton	-	-	-	176	457
Bing	9,895	12,400	18,800	19,675	16,509
Chelan	-	-	1,000	2,009	2,516
Cristalina	-	-	-	50	163
Early Robin	-	-	-	44	199
Index	-	-	-	29	39
Lambert	1,455	900	900	540	317
Lapins	-	-	1,900	1,531	2,022
Rainier	815	1,400	3,200	3,605	4,003
Regina	-	-	-	55	100
Santina	-	-	-	35	253
Selah (Liberty Bell)	-	-	-	95	84
Skeena	-	-	-	1,492	2,576
Sonata	-	-	-	98	172
Staccato	-	-	-	-	199
Sweetheart	-	-	1,000	4,401	6,569
Tieton	-	-	-	553	577
Van	1,035	950	1,000	615	473
Other ¹	725	850	1,200	733	831
Total Sweet Cherries	13,925	16,500	29,000	36,000	38,115

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Tree Fruit: Acreage, by Variety, Washington, Historical Comparisons, January 1, 1986-2011

Fruit Variety	Total acres				
	1986 (acres)	1993 (acres)	2001 (acres)	2006 (acres)	2011 (acres)
All Pears					
Bartlett Pears:					
Bartlett	11,910	11,300	12,300	11,314	9,113
Red Bartlett	1,100	850	300	386	445
Other ¹	-	-	-	-	190
Total Bartlett Pears.....	13,010	12,150	12,600	11,700	9,747
Winter Pears:					
Asian	-	-	-	257	124
Bosc	1,735	3,450	3,400	2,259	1,748
Bosc, Golden	-	-	-	265	259
Comice	-	-	-	26	35
Concorde	-	-	-	169	90
D'Anjou	10,260	11,200	10,700	9,506	9,121
D'Anjou, Red	-	-	-	756	531
Kalle	-	-	-	-	32
Red Clapp	-	-	-	72	37
Seckel.....	-	-	-	22	70
Other ¹	745	800	1,300	107	214
Total Winter Pears.....	12,740	15,450	15,400	13,500	12,261
Total All Pears	25,750	27,600	28,000	25,200	22,008
Peaches:					
August Lady	-	-	-	72	78
Dimond Princess	-	-	-	62	131
Donut.....	-	-	-	-	34
Elberta	-	-	-	275	49
Elegant Lady	-	-	-	-	117
Hale	-	-	-	52	23
O'Henry	-	-	300	116	146
Red Haven	740	500	150	370	169
Regina	-	-	-	-	37
Rich Lady	-	-	-	165	260
Ryan Sun.....	-	-	250	43	18
Snow Fire	-	-	-	77	61
Snow Giant.....	-	-	-	91	86
Snow King	-	-	200	47	36
Summer Lady	-	-	-	32	64
Summer Sweet.....	-	-	150	-	47
Sweet Dream.....	-	-	-	99	132
Zee Lady	-	-	200	192	129
Other ¹	2,055	2,500	1,950	660	704
Total Peaches	2,795	3,000	3,200	2,800	2,319

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Tree Fruit: Acreage, by Variety, Washington, Historical Comparisons, January 1, 1986-2011

Fruit Variety	Total acres				
	1986	1993	2001	2006	2011
	(acres)	(acres)	(acres)	(acres)	(acres)
Apricots:					
Goldbar.....	-	-	-	63	60
Goldrich.....	-	-	-	79	48
Patterson.....	-	-	-	-	23
Perfection.....	710	600	550	302	195
Riland.....	-	-	-	-	116
Rival.....	155	400	400	317	484
Tilton.....	-	-	-	107	22
Other ¹	-	-	-	203	292
Total Apricots.....	1,230	1,400	1,300	1,100	1,241
Nectarines:					
Early Red.....	-	-	-	-	20
Firesweet.....	-	-	-	46	61
Honey Kist.....	-	-	-	24	12
Honey Royal.....	-	-	-	88	153
Red Gold.....	665	800	250	164	131
Summer Blush.....	-	-	-	290	156
Summer Bright.....	-	-	-	17	43
Summer Fire.....	-	-	-	-	48
Supreme Red.....	-	-	150	63	23
Washington Pride.....	-	-	-	126	30
Western Pride.....	-	-	-	62	20
Western Sweet.....	-	-	-	13	12
Other ¹	-	-	-	604	755
Total Nectarines.....	1,205	1,500	1,500	1,550	1,463
Prunes/Plums:					
Early Italian.....	1,065	700	300	275	216
Empress.....	-	-	-	-	83
Late Italian.....	505	300	400	290	119
President.....	505	250	100	41	73
Other ¹	235	450	200	165	49
Total Prunes/Plums.....	2,310	1,700	1,100	800	541

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Tree Fruit: Acres, Trees, and Trees per Acre, by County, Washington, January 1, 2011

Fruit	Adams County			Benton County		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	3,513	2,360,439	672	11,859	7,878,635	664
Sweet cherries.....	185	38,477	208	4,486	832,404	186
Bartlett pears	-	-	-	183	44,463	243
Winter pears	-	-	-	128	23,560	184
Peaches	14	4,724	328	172	39,160	227
Tart cherries	-	-	-	-	-	-
Nectarines	35	12,095	343	132	35,500	269
Apricots	-	-	-	129	24,343	189
Prunes and plums	-	-	-	78	-	281
	Chelan County			Douglas County		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	5,993	2,636,714	440	10,694	6,927,189	648
Sweet cherries.....	6,247	1,350,791	216	2,577	995,290	386
Bartlett pears	2,166	460,960	213	613	176,104	287
Winter pears	6,496	1,280,060	197	429	119,146	278
Peaches	18	4,539	254	104	25,771	249
Tart cherries	1	109	218	-	-	-
Nectarines	18	5,265	296	80	19,169	241
Apricots	71	27,201	-	53	11,951	228
Prunes and Plums	3	950	317	1	454	908
	Franklin County			Grant County		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	13,307	7,612,969	572	41,102	25,773,243	627
Sweet cherries.....	3,278	653,108	199	7,012	1,621,721	231
Bartlett pears	109	38,589	355	313	90,831	290
Winter pears	23	4,650	200	381	143,835	377
Peaches	611	220,547	361	163	54,085	332
Tart cherries	573	103,230	180	1,050	190,050	181
Nectarines	498	181,837	365	206	90,673	440
Apricots	275	59,628	217	365	68,464	188
Prunes and plums	24	7,272	303	-	-	-
	Klickitat County			Okanogan County		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	104	62,306	599	17,437	6,155,654	353
Sweet cherries.....	867	109,772	127	4,520	1,329,267	294
Bartlett pears	524	123,987	236	848	236,355	279
Winter pears	1,059	235,035	222	1,973	445,974	226
Peaches	207	53,834	260	76	28,043	367
Tart cherries	-	20	100	-	-	-
Nectarines	32	8,678	271	10	2,800	289
Apricots	12	3,385	292	24	2,964	122
Prunes and plums	-	-	-	5	2,432	496
	Walla Walla County			Yakima County		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	7,724	4,425,649	573	51,966	25,107,965	483
Sweet cherries.....	666	185,413	278	8,144	1,773,789	218
Bartlett pears	-	-	232	4,869	1,096,554	225
Winter pears	-	-	-	1,567	347,074	221
Peaches	1	242	242	871	303,047	348
Tart cherries	49	8,624	176	-	-	-
Nectarines	-	-	-	450	139,169	309
Apricots	5	1,210	242	302	60,701	201
Prunes and plums	35	15,310	436	453	92,035	245

Tree Fruit: Acres, Trees, and Trees per Acre, by Growing Area, Washington, January 1, 2011

Fruit	Yakima Valley			Wenatchee		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	66,901	37,917,770	567	34,124	15,719,557	461
Sweet cherries.....	12,716	2,664,354	210	13,344	3,675,348	275
Bartlett pears	5,061	1,143,365	226	3,626	873,419	241
Winter pears	1,699	371,613	219	8,898	1,845,180	207
Peaches	1,044	342,207	328	198	58,353	295
Tart cherries	-	-	-	1	109	218
Nectarines	582	174,669	300	107	27,234	255
Apricots	431	85,044	197	148	42,116	285
Prunes and plums	453	113,809	251	8	3,836	457
	Columbia Basin			Other areas		
	Acres	Trees	Trees per acre	Acres	Trees	Trees per acre
Apples	57,922	35,746,651	617	8,542	4,725,936	553
Sweet cherries.....	38,115	2,313,306	221	1,580	304,621	193
Bartlett pears	422	129,420	307	639	148,343	232
Winter pears	404	148,485	367	1,259	280,143	222
Peaches	788	748,184	355	289	68,268	236
Tart cherries	1,623	302,402	181	52	9,013	173
Nectarines	739	284,605	385	35	9,148	261
Apricots	640	128,092	200	23	5,486	243
Prunes and plums	24	7,272	303	55	17,483	317
	Washington					
	Acres		Trees		Trees per acre	
Apples	167,489		94,109,914		562	
Sweet cherries.....	38,115		8,957,629		235	
Bartlett pears	9,747		2,294,547		235	
Winter pears	12,261		2,645,421		216	
Peaches	2,319		748,184		323	
Tart cherries	1,676		302,402		180	
Nectarines	1,463		495,656		339	
Apricots	1,241		260,738		210	
Prunes and plums	541		142,400		263	

Apples: Acres, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Ambrosia	-	148	543	-	695
Braeburn.....	1,310	604	1,743	352	4,009
Cameo.....	454	1,711	220	46	2,431
Cripps Pink (Pink Lady).....	2,043	193	2,359	215	4,810
Early Fuji	-	457	480	-	1,432
Fuji/Red Fuji.....	9,863	5,305	10,622	1,892	27,683
Gala.....	13,821	7,195	10,573	1,192	32,780
Ginger Gold.....	136	-	87	-	298
Golden Delicious.....	5,144	4,606	4,693	410	14,852
Golden Supreme.....	118	27	-	-	162
Granny Smith.....	6,487	3,959	6,871	1,269	18,585
Honeycrisp.....	3,874	2,001	2,844	379	9,098
Jazz.....	775	-	305	-	1,317
Jonagold.....	909	276	110	155	1,450
Lady Alice.....	84	-	-	-	294
Pacific Rose.....	148	129	-	-	335
Pinata.....	105	138	216	-	458
Red Delicious.....	20,196	6,384	14,984	1,815	43,379
Rome (Red Rome).....	258	-	43	-	316
Sonya.....	197	-	-	-	339
Other ¹	636	625	990	514	2,765
Total.....	66,901	34,124	57,922	8,542	167,489

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Ambrosia	-	144,199	734,262	-	881,438
Braeburn.....	738,093	324,417	1,021,508	199,617	2,283,635
Cameo.....	276,407	729,484	147,613	40,989	1,194,493
Cripps Pink (Pink Lady).....	1,703,846	114,884	1,531,401	128,504	3,478,635
Early Fuji	-	269,771	326,073	-	934,967
Fuji/Red Fuji.....	8,305,866	3,279,027	8,837,076	1,416,071	21,838,040
Gala.....	8,689,855	3,986,981	7,697,605	822,603	21,197,044
Ginger Gold.....	54,623	-	34,541	-	129,953
Golden Delicious.....	1,492,387	1,378,744	2,187,168	136,463	5,194,762
Golden Supreme.....	61,297	11,055	-	-	82,810
Granny Smith.....	4,528,736	1,760,068	4,133,551	395,645	10,818,000
Honeycrisp.....	3,176,606	1,000,924	2,416,750	365,486	6,959,766
Jazz.....	746,120	-	329,229	-	1,280,691
Jonagold.....	441,109	117,189	77,732	93,111	729,141
Lady Alice.....	133,073	-	-	-	391,290
Pacific Rose.....	122,424	77,737	-	-	264,833
Pinata.....	76,095	67,336	115,364	-	258,795
Red Delicious.....	6,361,989	1,761,283	5,257,066	722,272	14,102,610
Rome (Red Rome).....	103,917	-	14,190	-	121,893
Sonya.....	154,773	-	-	-	267,534
Other ¹	518,615	306,944	669,943	204,082	1,699,584
Total.....	37,917,770	15,719,557	35,746,651	4,725,936	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees per Acre, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Ambrosia	-	976	1,352	-	1,268
Braeburn.....	564	537	586	566	570
Cameo.....	609	426	672	893	491
Cripps Pink (Pink Lady).....	834	596	649	597	723
Early Fuji	-	591	679	-	653
Fuji/Red Fuji.....	842	618	832	749	789
Gala.....	629	554	728	690	647
Ginger Gold.....	403	-	399	-	435
Golden Delicious.....	290	299	466	333	350
Golden Supreme.....	521	416	-	-	511
Granny Smith.....	698	445	602	312	582
Honeycrisp.....	820	500	850	965	765
Jazz.....	963	-	1,079	-	972
Jonagold.....	485	425	707	600	503
Lady Alice.....	1,586	-	-	-	1,331
Pacific Rose.....	829	601	-	-	790
Pinata.....	726	488	535	-	565
Red Delicious.....	315	276	351	398	325
Rome (Red Rome).....	402	-	327	-	386
Sonya.....	784	-	-	-	790
Other ¹	816	491	677	397	615
Total.....	567	461	617	553	562

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Acres, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Ambrosia	-	-	24	308	127	-	-	695
Braeburn.....	321	1,100	871	1,563	147	-	-	4,009
Cameo.....	1,292	138	531	301	86	-	-	2,431
Cripps Pink (Pink Lady).....	340	211	2,041	1,156	388	477	198	4,810
Early Fuji.....	-	325	157	668	141	83	-	1,432
Fuji/Red Fuji.....	2,944	7,556	4,788	4,370	3,186	3,376	1,463	27,683
Gala.....	5,942	3,571	9,286	8,843	2,034	1,875	1,229	32,780
Ginger Gold.....	12	190	29	-	-	-	-	298
Golden Delicious.....	7,339	1,933	2,135	2,795	190	420	-	14,852
Golden Supreme.....	37	51	-	28	-	-	-	162
Granny Smith.....	6,732	2,766	3,701	4,350	685	301	50	18,585
Honeycrisp.....	194	126	671	2,554	1,572	2,061	1,920	9,098
Jazz.....	-	-	-	701	330	254	-	1,317
Jonagold.....	213	487	283	334	77	-	-	1,450
Lady Alice.....	-	-	-	-	211	-	-	294
Pacific Rose.....	-	-	-	118	-	61	99	335
Pinata.....	-	-	5	190	146	52	-	458
Red Delicious.....	22,325	7,465	7,050	4,791	453	869	427	43,379
Rome (Red Rome).....	215	58	-	-	-	-	-	316
Sonya.....	-	-	-	242	-	-	-	339
Other ¹	664	284	633	297	235	546	106	2,765
Total.....	48,622	26,322	32,348	33,658	10,163	10,739	5,637	167,489

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)
Ambrosia	-	-	12,447	376,127	164,106	-	-	881,438
Braeburn.....	138,386	556,365	515,274	933,882	137,602	-	-	2,283,635
Cameo.....	457,880	108,806	405,084	136,290	41,949	-	-	1,194,493
Cripps Pink (Pink Lady).....	210,346	112,275	1,170,062	903,777	287,898	559,310	234,967	3,478,635
Early Fuji.....	-	182,030	73,789	482,531	133,830	39,723	-	934,967
Fuji/Red Fuji.....	1,176,634	4,808,479	3,396,045	4,559,068	3,049,701	3,413,035	1,435,078	21,838,040
Gala.....	2,409,008	2,070,348	5,808,118	5,794,186	2,001,253	1,815,503	1,298,628	21,197,044
Ginger Gold.....	3,331	93,003	12,739	-	-	-	-	129,953
Golden Delicious.....	1,744,759	639,150	898,602	1,329,674	140,158	404,318	-	5,194,762
Golden Supreme.....	9,844	26,773	-	14,807	-	-	-	82,810
Granny Smith.....	2,668,982	1,156,467	2,001,991	4,240,570	474,228	215,240	60,522	10,818,000
Honeycrisp.....	46,696	74,974	368,648	1,591,812	1,358,113	1,968,795	1,550,728	6,959,766
Jazz.....	-	-	-	670,079	323,576	263,666	-	1,280,691
Jonagold.....	75,279	238,953	154,160	179,618	43,745	-	-	729,141
Lady Alice.....	-	-	-	-	318,402	-	-	391,290
Pacific Rose.....	-	-	-	74,705	-	62,945	63,538	264,833
Pinata.....	-	-	2,388	102,912	91,489	16,157	-	258,795
Red Delicious.....	5,728,329	2,741,754	3,052,763	1,698,192	205,255	420,730	255,587	14,102,610
Rome (Red Rome).....	74,840	19,672	-	-	-	-	-	121,893
Sonya.....	-	-	-	181,608	-	-	-	267,534
Other ¹	159,117	126,003	285,571	332,216	221,528	444,507	130,642	1,699,584
Total	14,920,925	12,999,673	18,260,159	23,633,499	9,125,565	9,976,281	5,193,812	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees per Acre, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees per acre)							
Ambrosia	-	-	530	1,222	1,293	-	-	1,268
Braeburn.....	432	506	592	598	938	-	-	570
Cameo.....	354	790	763	452	490	-	-	491
Cripps Pink (Pink Lady).....	619	533	573	782	741	1,173	1,187	723
Early Fuji.....	-	560	470	722	952	478	-	653
Fuji/Red Fuji.....	400	636	709	1,043	957	1,011	981	789
Gala.....	405	580	625	655	984	968	1,057	647
Ginger Gold.....	282	488	441	-	-	-	-	435
Golden Delicious.....	238	331	421	476	738	963	-	350
Golden Supreme.....	269	525	-	538	-	-	-	511
Granny Smith.....	396	418	541	975	692	715	1,201	582
Honeycrisp.....	240	596	549	623	864	955	808	765
Jazz.....	-	-	-	957	981	1,040	-	972
Jonagold.....	354	491	545	537	572	-	-	503
Lady Alice.....	-	-	-	-	1,510	-	-	1,331
Pacific Rose.....	-	-	-	631	-	1,027	642	790
Pinata.....	-	-	459	541	626	312	-	565
Red Delicious.....	257	367	433	354	453	484	599	325
Rome (Red Rome).....	348	339	-	-	-	-	-	386
Sonya.....	-	-	-	750	-	-	-	790
Other ¹	240	444	451	1,117	943	815	1,228	615
Total	307	494	564	702	898	929	921	562

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Acres, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (acres)	Semi-dwarf (acres)	Standard (acres)	Total (acres)
Ambrosia	643	-	-	695
Braeburn.....	1,553	2,099	357	4,009
Cameo	318	820	1,293	2,431
Cripps Pink (Pink Lady).....	2,130	2,134	546	4,810
Early Fuji	1,005	398	29	1,432
Fuji/Red Fuji	14,715	11,028	1,939	27,683
Gala	13,492	15,637	3,652	32,780
Ginger Gold	57	214	27	298
Golden Delicious	2,134	6,705	6,013	14,852
Golden Supreme	-	116	-	162
Granny Smith	4,931	8,936	4,719	18,585
Honeycrisp	3,575	4,146	1,377	9,098
Jazz	1,217	100	-	1,317
Jonagold.....	555	722	173	1,450
Lady Alice.....	-	-	-	294
Pacific Rose	218	-	-	335
Pinata	79	369	10	458
Red Delicious	3,750	21,408	18,221	43,379
Rome (Red Rome)	25	162	129	316
Sonya	242	97	-	339
Other ¹	1,133	996	636	2,765
Total	52,034	76,272	39,182	167,489

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees)	Semi-dwarf (trees)	Standard (trees)	Total (trees)
Ambrosia	855,567	-	-	881,438
Braeburn.....	1,181,503	978,043	124,089	2,283,635
Cameo	272,138	466,669	455,686	1,194,493
Cripps Pink (Pink Lady).....	1,990,807	1,278,569	209,259	3,478,635
Early Fuji	749,370	173,544	12,053	934,967
Fuji/Red Fuji	14,551,051	6,320,302	966,687	21,838,040
Gala	11,642,632	8,030,931	1,523,481	21,197,044
Ginger Gold	36,754	83,595	9,604	129,953
Golden Delicious	1,615,031	2,371,232	1,208,499	5,194,762
Golden Supreme	-	67,793	-	82,810
Granny Smith	5,242,373	4,295,648	1,279,979	10,818,000
Honeycrisp	3,668,382	2,630,953	660,431	6,959,766
Jazz	1,197,490	83,201	-	1,280,691
Jonagold.....	357,869	319,858	51,414	729,141
Lady Alice.....	-	-	-	391,290
Pacific Rose	204,196	-	-	264,833
Pinata	69,327	187,932	1,536	258,795
Red Delicious	1,563,549	8,270,317	4,268,744	14,102,610
Rome (Red Rome)	12,341	66,696	42,856	121,893
Sonya	195,748	71,786	-	267,534
Other ¹	1,075,361	393,177	231,046	1,699,584
Total	46,858,908	36,186,247	11,064,759	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Trees per acre, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees per acre)	Semi-dwarf (trees per acre)	Standard (trees per acre)	Total (trees per acre)
Ambrosia	1,331	-	-	1,268
Braeburn.....	761	466	347	570
Cameo.....	855	569	352	491
Cripps Pink (Pink Lady).....	935	599	383	723
Early Fuji	746	436	419	653
Fuji/Red Fuji	989	573	498	789
Gala.....	863	514	417	647
Ginger Gold	648	390	351	435
Golden Delicious	757	354	201	350
Golden Supreme	-	584	-	511
Granny Smith	1,063	481	271	582
Honeycrisp	1,026	635	480	765
Jazz	984	830	-	972
Jonagold.....	644	443	298	503
Lady Alice.....	-	-	-	1,331
Pacific Rose	936	-	-	790
Pinata	873	509	152	565
Red Delicious	417	386	234	325
Rome (Red Rome)	500	412	331	386
Sonya	810	741	-	790
Other ¹	949	395	363	615
Total	901	474	282	562

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Acres, Trees, and Trees per acre, by Age and Area, Washington, January 1, 2011

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Prior to 1991	18,538	13,753	14,239	2,092	48,622
1991-1995	8,738	6,048	9,030	2,507	26,322
1996-2000	13,846	4,760	12,808	935	32,348
2001-2005	16,453	5,632	10,387	1,187	33,658
2006-2007	4,229	1,349	4,077	508	10,163
2008-2009	3,430	-	5,203	-	10,739
2010	1,669	-	2,179	-	5,637
Total	66,901	34,124	57,922	8,542	167,489
Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Prior to 1991	5,537,308	3,815,295	4,933,480	634,842	14,920,925
1991-1995	4,180,175	2,477,072	4,982,135	1,360,291	12,999,673
1996-2000	7,727,239	2,319,957	7,754,624	458,339	18,260,159
2001-2005	11,517,288	4,298,723	6,956,414	861,074	23,633,499
2006-2007	3,911,743	968,361	3,844,390	401,071	9,125,565
2008-2009	3,303,388	-	4,981,108	-	9,976,281
2010	1,740,629	-	2,294,500	-	5,193,812
Total	37,917,770	15,719,557	35,746,651	4,725,936	94,109,914
Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Prior to 1991	299	277	346	303	307
1991-1995	478	410	552	543	494
1996-2000	558	487	605	490	564
2001-2005	700	763	670	725	702
2006-2007	925	718	943	790	898
2008-2009	963	-	957	-	929
2010	1,043	-	1,053	-	921
Total	567	461	617	553	562

Apples: Acres, Trees, and Trees per Acre, by Age and Rootstock, Washington, January 1, 2011

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(acres)	(acres)	(acres)	(acres)
Prior to 1991	3,348	18,733	26,541	48,622
1991-1995	7,448	13,710	5,164	26,322
1996-2000	9,754	18,819	3,776	32,348
2001-2005	15,490	16,126	2,043	33,658
2006-2007	6,290	3,474	399	10,163
2008-2009	6,667	3,654	418	10,739
2010	3,038	1,757	842	5,637
Total	52,034	76,272	39,182	167,489

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(trees)	(trees)	(trees)	(trees)
Prior to 1991	1,991,716	6,916,294	6,012,915	14,920,925
1991-1995	5,586,823	5,697,300	1,715,550	12,999,673
1996-2000	7,300,180	9,338,641	1,621,338	18,260,159
2001-2005	15,369,138	7,524,039	740,322	23,633,499
2006-2007	6,357,204	2,537,840	230,521	9,125,565
2008-2009	6,977,154	2,772,357	226,770	9,976,281
2010	3,276,693	1,399,776	517,343	5,193,812
Total	46,858,908	36,186,247	11,064,759	94,109,914

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(trees per acre)	(trees per acre)	(trees per acre)	(trees per acre)
Prior to 1991	595	369	227	307
1991-1995	750	416	332	494
1996-2000	748	496	429	564
2001-2005	992	467	362	702
2006-2007	1,011	730	578	898
2008-2009	1,047	759	542	929
2010	1,078	797	615	921
Total	901	474	282	562

Apples: Acres, Trees, and Trees per Acre, by Area and Rootstock, Washington, January 1, 2011

Area	Dwarf	Semi-dwarf	Standard	Total
	(acres)	(acres)	(acres)	(acres)
Yakima Valley.....	19,868	31,548	15,484	66,901
Wenatchee	7,178	15,397	11,549	34,124
Columbia Basin	20,540	25,909	11,474	57,922
Other areas	4,449	3,418	675	8,542
Washington	52,034	76,272	39,182	167,489

Area	Dwarf	Semi-dwarf	Standard	Total
	(trees)	(trees)	(trees)	(trees)
Yakima Valley.....	18,159,582	15,483,653	4,274,535	37,917,770
Wenatchee	6,828,097	6,035,133	2,856,327	15,719,557
Columbia Basin	18,758,591	13,292,251	3,695,809	35,746,651
Other areas	3,112,638	1,375,210	238,088	4,725,936
Washington	46,858,908	36,186,247	11,064,759	94,109,914

Area	Dwarf	Semi-dwarf	Standard	Total
	(trees per acre)	(trees per acre)	(trees per acre)	(trees per acre)
Yakima Valley.....	914	491	276	567
Wenatchee	951	392	247	461
Columbia Basin	913	513	322	617
Other areas	700	402	353	553
Washington	901	474	282	562

Apples: Bearing, Non-bearing, and Total Trees, by Variety, Washington, January 1, 2011

Variety	Bearing (trees)	Non-bearing (trees)	Total (trees)
Ambrosia	530,164	351,274	881,438
Braeburn.....	2,272,758	10,877	2,283,635
Cameo	1,169,210	25,283	1,194,493
Cripps Pink (Pink Lady).....	2,872,405	606,230	3,478,635
Early Fuji	895,088	39,879	934,967
Fuji/Red Fuji	17,489,073	4,348,967	21,838,040
Gala.....	18,474,860	2,722,184	21,197,044
Ginger Gold	-	-	129,953
Golden Delicious	4,845,452	349,310	5,194,762
Golden Supreme	81,927	883	82,810
Granny Smith	10,493,030	324,970	10,818,000
Honeycrisp	3,845,100	3,114,666	6,959,766
Jazz	1,159,686	121,005	1,280,691
Jonagold	-	-	729,141
Lady Alice.....	338,377	52,913	391,290
Pacific Rose	189,425	75,408	264,833
Pinata	-	-	258,795
Red Delicious	13,398,812	703,798	14,102,610
Rome (Red Rome)	119,761	2,132	121,893
Sonya	194,836	72,698	267,534
Other ¹	1,259,090	440,494	1,699,584
Total	80,708,284	13,401,630	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Bearing, Non-bearing, and Total Trees, by Age, Washington, January 1, 2011

Year planted	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Prior to 1991	14,744,407	176,518	14,920,925
1991-1995	12,875,794	123,879	12,999,673
1996-2000	18,163,639	96,520	18,260,159
2001-2005	23,438,114	195,385	23,633,499
2006-2007	8,660,408	465,157	9,125,565
2008-2009	2,825,922	7,150,359	9,976,281
2010	-	5,193,812	5,193,812
Total	80,708,284	13,401,630	94,109,914

Apples: Bearing, Non-bearing, and Total Trees, by Area, Washington, January 1, 2011

Area	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Yakima Valley.....	33,535,196	4,382,574	37,917,770
Wenatchee	-	-	15,719,557
Columbia Basin	29,373,962	6,372,689	35,746,651
Other areas	-	-	4,725,936
Washington	80,708,284	13,401,630	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apples: Bearing, Non-bearing, and Total Trees, by Rootstock, Washington, January 1, 2011

Rootstock	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Dwarf	38,263,303	8,595,605	46,858,908
Semi-dwarf	32,120,382	4,065,865	36,186,247
Standard.....	10,324,599	740,160	11,064,759
Total	80,708,284	13,401,630	94,109,914

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Acres, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Attika	-	39	-	14	57
Benton	216	153	59	29	457
Bing	7,157	3,618	4,866	868	16,509
Chelan	820	139	1,327	231	2,516
Cristalina	-	44	25	-	163
Early Robin	70	68	61	-	199
Index	-	-	-	-	39
Lambert	37	99	144	37	317
Lapins	391	1,380	210	41	2,022
Rainier	1,469	1,580	837	118	4,003
Regina	-	81	-	-	100
Santina	48	172	33	-	253
Selah (Liberty Bell)	26	40	18	-	84
Skeena	469	1,523	510	75	2,576
Sonata	-	155	-	-	172
Staccato	-	196	-	-	199
Sweetheart	1,215	3,510	1,803	41	6,569
Tieton	217	76	231	53	577
Van	292	61	99	22	473
Other ¹	169	410	235	16	831
Total	12,716	13,344	10,476	1,580	38,115

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Attika	-	9,196	-	6,476	16,156
Benton	53,283	59,546	22,179	8,712	143,720
Bing	1,186,864	597,018	868,235	108,853	2,760,970
Chelan	210,969	42,744	318,928	55,203	627,844
Cristalina	-	17,500	9,333	-	58,589
Early Robin	26,304	19,744	15,223	-	61,271
Index	-	-	-	-	11,836
Lambert	3,809	17,815	25,849	1,544	49,017
Lapins	119,810	334,157	40,780	6,487	501,234
Rainier	322,386	682,739	232,886	38,176	1,276,187
Regina	-	22,895	-	-	27,397
Santina	15,344	66,886	10,121	-	92,351
Selah (Liberty Bell)	6,780	10,803	4,806	-	22,389
Skeena	127,498	407,181	124,532	25,438	684,649
Sonata	-	53,861	-	-	63,854
Staccato	-	40,305	-	-	41,121
Sweetheart	360,347	1,069,100	490,077	18,269	1,937,793
Tieton	66,219	20,497	60,432	16,640	163,788
Van	39,304	9,658	18,473	2,458	69,893
Other ¹	86,457	193,468	65,530	2,115	347,570
Total	2,664,354	3,675,348	2,313,306	304,621	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees per Acre, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Attika	-	239	-	456	285
Benton	247	388	373	303	314
Bing	166	165	178	125	167
Chelan	257	308	240	239	250
Cristalina	-	394	372	-	360
Early Robin	378	290	249	-	308
Index	-	-	-	-	301
Lambert	103	180	180	41	154
Lapins	306	242	194	160	248
Rainier	220	432	278	324	319
Regina	-	282	-	-	273
Santina	318	390	306	-	365
Selah (Liberty Bell)	264	269	263	-	266
Skeena	272	267	244	341	266
Sonata	-	348	-	-	371
Staccato	-	206	-	-	207
Sweetheart	297	305	272	446	295
Tieton	305	270	261	317	284
Van	135	159	187	114	148
Other ¹	510	472	279	131	418
Total	210	275	221	193	235

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Acres, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Attika	-	3	24	-	-	-	-	57
Benton	-	-	-	93	50	228	72	457
Bing	9,565	2,127	2,388	1,175	445	466	343	16,509
Chelan	144	153	624	926	347	299	22	2,516
Cristalina	-	-	-	-	138	16	-	163
Early Robin	-	-	14	35	78	29	26	199
Index	-	-	-	-	-	4	-	39
Lambert	304	-	-	-	-	-	-	317
Lapins	319	470	741	278	133	64	16	2,022
Rainier	914	389	861	1,141	533	128	37	4,003
Regina	-	-	8	-	-	88	-	100
Santina	-	-	-	29	49	148	-	253
Selah (Liberty Bell)	-	-	-	26	19	27	-	84
Skeena	193	29	438	1,113	309	330	164	2,576
Sonata	-	-	9	26	7	123	-	172
Staccato	23	-	101	50	-	-	-	199
Sweetheart	138	345	583	3,364	1,315	694	131	6,569
Tieton	-	52	95	345	31	35	-	577
Van	306	48	48	29	39	-	-	473
Other ¹	109	8	12	117	90	349	145	831
Total	12,052	3,677	5,972	8,769	3,609	3,045	991	38,115

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)
Attika	-	382	2,458	-	-	-	-	16,156
Benton	-	-	-	26,670	15,229	68,322	28,394	143,720
Bing	1,283,074	353,069	522,692	281,702	122,923	135,440	62,070	2,760,970
Chelan	30,139	29,876	142,063	230,468	103,056	82,994	9,248	627,844
Cristalina	-	-	-	-	47,356	6,730	-	58,589
Early Robin	-	-	3,075	10,127	25,119	8,892	10,944	61,271
Index	-	-	-	-	-	906	-	11,836
Lambert	46,578	-	-	-	-	-	-	49,017
Lapins	62,975	117,182	191,748	67,894	35,796	21,297	4,342	501,234
Rainier	173,981	84,386	238,297	565,427	153,442	49,307	11,347	1,276,187
Regina	-	-	2,025	-	-	24,372	-	27,397
Santina	-	-	-	11,537	14,644	57,343	-	92,351
Selah (Liberty Bell)	-	-	-	6,766	4,762	7,003	-	22,389
Skeena	42,251	8,790	102,341	296,906	91,596	97,484	45,281	684,649
Sonata	-	-	1,857	12,614	1,605	46,321	-	63,854
Staccato	4,368	-	20,775	12,343	-	-	-	41,121
Sweetheart	32,978	84,460	172,401	958,293	391,257	262,546	35,858	1,937,793
Tieton	-	11,145	29,873	91,499	12,428	12,792	-	163,788
Van	36,240	7,673	6,794	6,786	11,404	-	-	69,893
Other ¹	14,643	2,055	3,240	123,412	26,857	125,190	52,173	347,570
Total	1,736,698	708,468	1,448,096	2,707,820	1,068,565	1,009,618	278,364	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees per Acre, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees per acre)							
Attika	-	112	102	-	-	-	-	285
Benton	-	-	-	287	308	300	393	314
Bing	134	166	219	240	276	291	181	167
Chelan	209	195	228	249	297	278	422	250
Cristalina	-	-	-	-	344	421	-	360
Early Robin	-	-	224	288	324	311	428	308
Index	-	-	-	-	-	245	-	301
Lambert	153	-	-	-	-	-	-	154
Lapins	197	249	259	244	270	332	266	248
Rainier	190	217	277	496	288	384	311	319
Regina	-	-	247	-	-	276	-	273
Santina	-	-	-	392	301	389	-	365
Selah (Liberty Bell)	-	-	-	263	257	261	-	266
Skeena	219	299	234	267	297	296	275	266
Sonata	-	-	206	483	247	375	-	371
Staccato	191	-	206	246	-	-	-	207
Sweetheart	239	245	296	285	298	378	275	295
Tieton	-	216	315	265	397	371	-	284
Van	118	161	141	232	294	-	-	148
Other ¹	134	251	270	1,058	297	358	360	418
Total	144	193	242	309	296	332	281	235

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Acres, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (acres)	Semi-dwarf (acres)	Standard (acres)	Total (acres)
Attika	-	-	47	57
Benton	45	173	240	457
Bing	775	2,186	13,547	16,509
Chelan	123	531	1,862	2,516
Cristalina	-	-	123	163
Early Robin	41	75	82	199
Index	-	-	34	39
Lambert	-	3	314	317
Lapins	98	235	1,690	2,022
Rainier	427	852	2,724	4,003
Regina	-	15	85	100
Santina	43	50	160	253
Selah (Liberty Bell)	20	17	48	84
Skeena	190	475	1,912	2,576
Sonata	-	-	139	172
Staccato	-	-	196	199
Sweetheart	269	1,046	5,254	6,569
Tieton	117	296	163	577
Van	-	-	446	473
Other ¹	111	209	511	831
Total	2,284	6,254	29,577	38,115

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees)	Semi-dwarf (trees)	Standard (trees)	Total (trees)
Attika	-	-	10,513	16,156
Benton	12,618	62,213	68,889	143,720
Bing	137,270	559,955	2,063,745	2,760,970
Chelan	35,256	156,860	435,728	627,844
Cristalina	-	-	44,663	58,589
Early Robin	12,932	28,342	19,997	61,271
Index	-	-	10,686	11,836
Lambert	-	444	48,573	49,017
Lapins	31,297	61,625	408,312	501,234
Rainier	376,615	250,663	648,909	1,276,187
Regina	-	5,013	22,384	27,397
Santina	22,787	16,996	52,568	92,351
Selah (Liberty Bell)	5,149	4,626	12,614	22,389
Skeena	60,904	145,508	478,237	684,649
Sonata	-	-	44,192	63,854
Staccato	-	-	40,044	41,121
Sweetheart	129,099	313,232	1,495,462	1,937,793
Tieton	42,148	82,188	39,452	163,788
Van	-	-	64,759	69,893
Other ¹	125,758	78,398	143,414	347,570
Total	1,004,394	1,800,094	6,153,141	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Trees per Acre, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees per acre)	Semi-dwarf (trees per acre)	Standard (trees per acre)	Total (trees per acre)
Attika	-	-	224	285
Benton	284	360	287	314
Bing	177	256	152	167
Chelan	287	295	234	250
Cristalina	-	-	363	360
Early Robin	315	376	243	308
Index	-	-	312	301
Lambert	-	131	155	154
Lapins	321	262	242	248
Rainier	882	294	238	319
Regina	-	336	262	273
Santina	527	339	329	365
Selah (Liberty Bell)	264	275	263	266
Skeena	321	307	250	266
Sonata	-	-	318	371
Staccato	-	-	205	207
Sweetheart	480	300	285	295
Tieton	359	277	242	284
Van	-	-	145	148
Other ¹	1,138	375	281	418
Total	440	288	208	235

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Acres, Trees, and Trees per acre, by Age and Area, Washington, January 1, 2011

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Prior to 1991	5,344	3,456	2,634	618	12,052
1991-1995	914	1,314	1,116	333	3,677
1996-2000	1,970	2,019	1,828	156	5,972
2001-2005	2,180	3,288	2,933	369	8,769
2006-2007	1,267	1,401	908	32	3,609
2008-2009	760	1,575	661	49	3,045
2010	282	290	396	23	991
Total	12,716	13,344	10,476	1,580	38,115

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Prior to 1991	731,948	541,998	399,292	63,460	1,736,698
1991-1995	166,485	305,170	183,610	53,203	708,468
1996-2000	477,826	494,716	442,346	33,208	1,448,096
2001-2005	602,377	1,233,341	748,996	123,106	2,707,820
2006-2007	368,387	445,833	246,222	8,123	1,068,565
2008-2009	233,513	560,605	203,599	11,901	1,009,618
2010	83,818	93,685	89,241	11,620	278,364
Total	2,664,354	3,675,348	2,313,306	304,621	8,957,629

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Prior to 1991	137	157	152	103	144
1991-1995	182	232	165	160	193
1996-2000	243	245	242	213	242
2001-2005	276	375	255	334	309
2006-2007	291	318	271	253	296
2008-2009	307	356	308	241	332
2010	297	323	225	512	281
Total	210	275	221	193	235

Sweet Cherries: Acres, Trees, and Trees per Acre, by Area and Rootstock, Washington, January 1, 2011

Area	Dwarf	Semi-dwarf	Standard	Total
	(acres)	(acres)	(acres)	(acres)
Yakima Valley.....	824	2,577	9,315	12,716
Wenatchee	534	1,446	11,363	13,344
Columbia Basin	777	2,099	7,599	10,476
Other areas	150	131	1,299	1,580
Washington	2,284	6,254	29,577	38,115

Area	Dwarf	Semi-dwarf	Standard	Total
	(trees)	(trees)	(trees)	(trees)
Yakima Valley.....	273,871	702,390	1,688,093	2,664,354
Wenatchee	524,088	455,200	2,696,060	3,675,348
Columbia Basin	172,122	597,379	1,543,805	2,313,306
Other areas	34,313	45,125	225,183	304,621
Washington	1,004,394	1,800,094	6,153,141	8,957,629

Area	Dwarf	Semi-dwarf	Standard	Total
	(trees per acre)	(trees per acre)	(trees per acre)	(trees per acre)
Yakima Valley.....	333	273	181	210
Wenatchee	981	315	237	275
Columbia Basin	221	285	203	221
Other areas	230	344	173	193
Washington	440	288	208	235

Sweet Cherries: Bearing, Non-bearing, and Total Trees, by Variety, Washington, January 1, 2011

Variety	Bearing (trees)	Non-bearing (trees)	Total (trees)
Attika	4,398	11,758	16,156
Benton	48,399	95,321	143,720
Bing	2,514,329	246,641	2,760,970
Chelan	518,884	108,960	627,844
Cristalina	53,437	5,152	58,589
Early Robin	40,839	20,432	61,271
Index	8,709	3,127	11,836
Lambert	48,148	869	49,017
Lapins	467,449	33,785	501,234
Rainier	1,217,407	58,780	1,276,187
Regina	5,066	22,331	27,397
Santina	30,177	62,174	92,351
Selah (Liberty Bell)	13,822	8,567	22,389
Skeena	545,800	138,849	684,649
Sonata	16,624	47,230	63,854
Staccato	40,053	1,068	41,121
Sweetheart	1,707,129	230,664	1,937,793
Tieton	145,751	18,037	163,788
Van	67,321	2,572	69,893
Other ¹	193,600	153,970	347,570
Total	7,687,342	1,270,287	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Bearing, Non-bearing, and Total Trees, by Age, Washington, January 1, 2011

Year planted	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Prior to 1991	1,676,781	59,917	1,736,698
1991-1995	704,903	3,565	708,468
1996-2000	1,433,467	14,629	1,448,096
2001-2005	2,638,783	69,037	2,707,820
2006-2007	943,357	125,208	1,068,565
2008-2009	290,051	719,567	1,009,618
2010	-	278,364	278,364
Total	7,687,342	1,270,287	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Bearing, Non-bearing, and Total Trees, by Area, Washington, January 1, 2011

Area	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Yakima Valley	2,310,336	354,018	2,664,354
Wenatchee	3,030,886	644,462	3,675,348
Columbia Basin	2,065,020	248,286	2,313,306
Other areas	281,100	23,521	304,621
Washington	7,687,342	1,270,287	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Bearing, Non-bearing, and Total Trees, by Rootstock, Washington, January 1, 2011

Rootstock	Bearing	Non-bearing	Total
	(trees)	(trees)	(trees)
Dwarf	890,416	113,978	1,004,394
Semi-dwarf	1,413,309	386,785	1,800,094
Standard	5,383,617	769,524	6,153,141
Total	7,687,342	1,270,287	8,957,629

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Acres, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Bartlett Pears					
Bartlett	4,903	3,226	391	593	9,113
Red Bartlett	133	262	-	-	445
Other ¹	26	138	-	-	190
All Bartlett Pears.....	5,061	3,626	422	639	9,747
Winter Pears					
Asian	28	-	-	78	124
Bosc	492	998	77	182	1,748
Bosc, Golden.....	-	150	-	75	259
Comice	-	23	-	-	35
Concorde.....	-	84	-	-	90
D'Anjou.....	1,045	7,158	193	726	9,121
D'Anjou, Red.....	76	324	97	34	531
Kalle	-	32	-	-	32
Red Clapp	-	25	-	-	37
Seckel.....	-	-	-	51	70
Other ¹	36	77	7	95	214
All Winter Pears.....	1,699	8,898	404	1,259	12,261
Total Pears.....	6,760	12,524	826	1,898	22,008

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Bartlett Pears					
Bartlett	1,101,276	785,818	113,276	137,617	2,137,987
Red Bartlett	35,035	40,184	-	-	87,522
Other ¹	7,054	47,417	-	-	69,038
All Bartlett Pears.....	1,143,365	873,419	129,420	148,343	2,294,547
Winter Pears					
Asian	11,935	-	-	17,090	33,518
Bosc	128,996	247,035	23,110	44,104	443,245
Bosc, Golden.....	-	38,709	-	33,064	80,097
Comice	-	7,179	-	-	12,845
Concorde.....	-	36,423	-	-	38,565
D'Anjou.....	188,658	1,392,875	58,596	137,130	1,777,259
D'Anjou, Red.....	23,085	80,790	55,452	10,719	170,046
Kalle	-	9,932	-	-	9,932
Red Clapp	-	6,372	-	-	9,493
Seckel.....	-	-	-	9,913	16,435
Other ¹	10,549	19,077	1,954	22,406	53,986
All Winter Pears.....	371,613	1,845,180	148,485	280,143	2,645,421
Total Pears.....	1,514,978	2,718,599	277,905	428,486	4,939,968

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees per Acre, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Bartlett Pears					
Bartlett	225	244	290	232	235
Red Bartlett	264	153	-	-	197
Other ¹	276	343	-	-	364
All Bartlett Pears.....	226	241	307	232	235
Winter Pears					
Asian	432	-	-	219	270
Bosc	262	248	300	243	254
Bosc, Golden.....	-	258	-	439	309
Comice	-	309	-	-	365
Concorde.....	-	433	-	-	429
D'Anjou.....	181	195	304	189	195
D'Anjou, Red	305	249	574	312	320
Kalle	-	310	-	-	310
Red Clapp	-	256	-	-	260
Seckel.....	-	-	-	195	235
Other ¹	293	247	301	237	252
All Winter Pears.....	219	207	367	222	216
Total Pears	224	217	336	226	224

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Acres, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Bartlett Pears								
Bartlett	6,687	672	815	547	195	156	41	9,113
Red Bartlett	341	53	38	-	-	-	-	445
Other ¹	45	30	9	-	2	-	-	190
All Bartlett Pears.....	7,073	755	862	654	197	166	41	9,747
Winter Pears								
Asian	20	84	7	12	-	-	-	124
Bosc	876	346	239	202	37	-	-	1,748
Bosc, Golden.....	93	36	27	66	-	26	-	259
Comice	-	-	-	17	-	-	-	35
Concorde.....	9	-	35	36	-	-	-	90
D'Anjou.....	7,195	625	796	228	41	189	45	9,121
D'Anjou, Red	264	68	-	80	5	20	-	531
Kalle	-	10	-	-	-	19	-	32
Red Clapp	9	13	-	-	-	-	-	37
Seckel.....	55	-	8	-	-	-	-	70
Other ¹	93	25	59	9	-	28	-	214
All Winter Pears.....	8,620	1,220	1,264	656	102	338	61	12,261
Total Pears	15,693	1,975	2,126	1,310	299	504	102	22,008

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)	(trees)
Bartlett Pears								
Bartlett	1,351,760	198,659	245,208	178,379	94,281	59,780	9,920	2,137,987
Red Bartlett	56,071	14,491	9,512	-	-	-	-	87,522
Other ¹	15,680	8,594	2,831	-	544	-	-	69,038
All Bartlett Pears.....	1,423,511	221,744	257,551	220,996	94,825	66,000	9,920	2,294,547
Winter Pears								
Asian	4,782	22,573	2,568	3,255	-	-	-	33,518
Bosc	197,492	93,764	62,216	56,135	23,244	-	-	443,245
Bosc, Golden.....	18,516	11,908	6,611	24,496	-	11,867	-	80,097
Comice	-	-	-	5,657	-	-	-	12,845
Concorde.....	1,327	-	18,164	14,503	-	-	-	38,565
D'Anjou.....	1,294,368	132,419	186,058	62,456	14,339	75,991	11,628	1,777,259
D'Anjou, Red	65,811	18,027	-	30,533	2,139	6,568	-	170,046
Kalle	-	5,082	-	-	-	3,627	-	9,932
Red Clapp	2,283	3,205	-	-	-	-	-	9,493
Seckel.....	10,844	-	2,931	-	-	-	-	16,435
Other ¹	16,350	7,039	14,338	2,600	-	13,659	-	53,986
All Winter Pears.....	1,614,004	298,621	340,007	201,677	48,432	125,874	16,806	2,645,421
Total Pears	3,037,515	520,365	597,558	422,673	143,257	191,874	26,726	4,939,968

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees per Acre, by Age and Variety, Washington, January 1, 2011

Variety	Year planted							Total
	Prior to 1991	1991-1995	1996-2000	2001-2005	2006-2007	2008-2009	2010	
	(trees per acre)							
Bartlett Pears								
Bartlett	202	296	301	326	483	383	243	235
Red Bartlett	164	275	249	-	-	-	-	197
Other ¹	351	286	322	-	272	-	-	364
All Bartlett Pears.....	201	294	299	338	481	397	243	235
Winter Pears								
Asian	236	269	395	276	-	-	-	270
Bosc	225	271	260	278	637	-	-	254
Bosc, Golden.....	199	329	245	372	-	455	-	309
Comice	-	-	-	327	-	-	-	365
Concorde.....	154	-	519	405	-	-	-	429
D'Anjou.....	180	212	234	274	346	401	256	195
D'Anjou, Red	249	265	-	380	428	322	-	320
Kalle	-	508	-	-	-	196	-	310
Red Clapp	259	250	-	-	-	-	-	260
Seckel.....	197	-	376	-	-	-	-	235
Other ¹	176	284	243	289	-	483	-	252
All Winter Pears.....	187	245	269	307	477	372	274	216
Total Pears	194	263	281	323	479	381	262	224

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Acres, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (acres)	Semi-dwarf (acres)	Standard (acres)	Total (acres)
Bartlett Pears				
Bartlett	124	1,256	7,733	9,113
Red Bartlett	-	-	408	445
Other ¹	-	-	166	190
All Bartlett Pears.....	133	1,308	8,307	9,747
Winter Pears				
Asian	-	26	99	124
Bosc	-	-	1,367	1,748
Bosc, Golden.....	-	-	210	259
Comice	-	14	21	35
Concorde.....	-	55	-	90
D'Anjou.....	129	1,229	7,762	9,121
D'Anjou, Red	-	-	362	531
Kalle	-	20	12	32
Red Clapp	-	-	21	37
Seckel.....	-	-	52	70
Other ¹	11	33	170	214
All Winter Pears.....	160	1,993	10,108	12,261
Total Pears	293	3,301	18,415	22,008

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees)	Semi-dwarf (trees)	Standard (trees)	Total (trees)
Bartlett Pears				
Bartlett	38,815	374,388	1,724,784	2,137,987
Red Bartlett	-	-	76,355	87,522
Other ¹	-	-	57,179	69,038
All Bartlett Pears.....	42,083	394,146	1,858,318	2,294,547
Winter Pears				
Asian	-	11,065	22,453	33,518
Bosc	-	-	328,335	443,245
Bosc, Golden.....	-	-	67,744	80,097
Comice	-	5,558	7,287	12,845
Concorde.....	-	21,652	-	38,565
D'Anjou.....	29,202	295,520	1,452,537	1,777,259
D'Anjou, Red	-	-	93,746	170,046
Kalle	-	3,734	6,198	9,932
Red Clapp	-	-	5,155	9,493
Seckel.....	-	-	10,272	16,435
Other ¹	3,956	10,902	39,128	53,986
All Winter Pears.....	39,851	556,655	2,048,915	2,645,421
Total Pears	81,934	950,801	3,907,233	4,939,968

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Trees per Acre, by Rootstock and Variety, Washington, January 1, 2011

Variety	Dwarf (trees per acre)	Semi-dwarf (trees per acre)	Standard (trees per acre)	Total (trees per acre)
Bartlett Pears				
Bartlett	312	298	223	235
Red Bartlett	-	-	187	197
Other ¹	-	-	345	364
All Bartlett Pears.....	316	301	224	235
Winter Pears				
Asian	-	432	228	270
Bosc	-	-	240	254
Bosc, Golden.....	-	-	323	309
Comice	-	397	344	365
Concorde.....	-	392	-	429
D'Anjou.....	226	240	187	195
D'Anjou, Red	-	-	259	320
Kalle	-	187	517	310
Red Clapp	-	-	250	260
Seckel.....	-	-	198	235
Other ¹	350	333	230	252
All Winter Pears.....	249	279	203	216
Total Pears	280	288	212	224

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Acres, by Age and Area, Washington, January 1, 2011

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)
Bartlett Pears					
Prior to 1991	4,186	2,174	270	442	7,073
1991-1995	317	356	44	38	755
1996-2000	388	349	-	-	862
2001-2005	93	452	84	25	654
2006-2007	64	122	-	-	197
2008-2009	-	138	19	-	166
2010	-	36	-	-	41
All Bartlett Pears	5,061	3,626	422	639	9,747
Winter Pears					
Prior to 1991	1,031	6,588	154	847	8,620
1991-1995	225	786	63	146	1,220
1996-2000	244	884	74	62	1,264
2001-2005	126	357	89	84	656
2006-2007	50	46	-	-	102
2008-2009	-	191	-	115	338
2010	-	46	-	-	61
All Winter Pears	1,699	8,898	404	1,259	12,261
Total Pears	6,760	12,524	826	1,898	22,008

Pears: Trees, by Age and Area, Washington, January 1, 2011

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees)	(trees)	(trees)	(trees)	(trees)
Bartlett Pears					
Prior to 1991	865,486	414,613	60,696	82,716	1,423,511
1991-1995	91,659	99,150	21,469	9,466	221,744
1996-2000	128,720	90,412	-	-	257,551
2001-2005	28,345	150,307	33,035	9,309	220,996
2006-2007	27,259	58,011	-	-	94,825
2008-2009	-	51,933	12,735	-	66,000
2010	-	8,993	-	-	9,920
All Bartlett Pears	1,143,365	873,419	129,420	148,343	2,294,547
Winter Pears					
Prior to 1991	173,068	1,263,068	40,932	136,936	1,614,004
1991-1995	59,371	187,102	19,886	32,262	298,621
1996-2000	68,636	210,858	44,734	15,779	340,007
2001-2005	36,347	103,053	32,183	30,094	201,677
2006-2007	28,058	15,652	-	-	48,432
2008-2009	-	54,381	-	60,350	125,874
2010	-	11,066	-	-	16,806
All Winter Pears	371,613	1,845,180	148,485	280,143	2,645,421
Total Pears	1,514,978	2,718,599	277,905	428,486	4,939,968

Pears: Trees per Acre, by Age and Area, Washington, January 1, 2011

Year planted	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington
	(trees per acre)				
Bartlett Pears					
Prior to 1991	207	191	225	187	201
1991-1995	290	279	489	247	294
1996-2000	332	259	-	-	299
2001-2005	304	333	395	371	338
2006-2007	423	476	-	-	481
2008-2009	-	377	656	-	397
2010	-	252	-	-	243
All Bartlett Pears	226	241	307	232	235
Winter Pears					
Prior to 1991	168	192	265	162	187
1991-1995	264	238	317	221	245
1996-2000	281	239	608	253	269
2001-2005	288	289	361	360	307
2006-2007	560	339	-	-	477
2008-2009	-	284	-	523	372
2010	-	239	-	-	274
All Winter Pears	219	207	367	222	216
Total Pears	224	217	336	226	224

Pears: Acres, by Age and Rootstock, Washington, January 1, 2011

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(acres)	(acres)	(acres)	(acres)
Bartlett Pears				
Prior to 1991	81	573	6,418	7,073
1991-1995	37	153	566	755
1996-2000	7	205	650	862
2001-2005	-	-	468	654
2006-2007	-	106	92	197
2008-2009	6	75	85	166
2010	-	-	29	41
All Bartlett Pears	133	1,308	8,307	9,747
Winter Pears				
Prior to 1991	105	553	7,962	8,620
1991-1995	45	316	859	1,220
1996-2000	-	703	-	1,264
2001-2005	-	-	414	656
2006-2007	-	52	50	102
2008-2009	-	111	227	338
2010	-	-	-	61
All Winter Pears	160	1,993	10,108	12,261
Total Pears	293	3,301	18,415	22,008

Pears: Trees, by Age and Rootstock, Washington, January 1, 2011

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(trees)	(trees)	(trees)	(trees)
Bartlett Pears				
Prior to 1991	15,613	130,781	1,277,117	1,423,511
1991-1995	20,739	56,752	144,253	221,744
1996-2000	2,487	54,446	200,618	257,551
2001-2005	-	-	149,677	220,996
2006-2007	-	42,386	52,439	94,825
2008-2009	1,904	36,962	27,134	66,000
2010	-	-	7,080	9,920
All Bartlett Pears.....	42,083	394,146	1,858,318	2,294,547
Winter Pears				
Prior to 1991	23,481	127,550	1,462,973	1,614,004
1991-1995	13,583	81,398	203,640	298,621
1996-2000	-	204,182	-	340,007
2001-2005	-	-	126,060	201,677
2006-2007	-	29,571	18,861	48,432
2008-2009	-	33,439	92,435	125,874
2010	-	-	-	16,806
All Winter Pears.....	39,851	556,655	2,048,915	2,645,421
Total Pears	81,934	950,801	3,907,233	4,939,968

Pears: Trees per Acre, by Age and Rootstock, Washington, January 1, 2011

Year planted	Dwarf	Semi-dwarf	Standard	Total
	(trees per acre)	(trees per acre)	(trees per acre)	(trees per acre)
Bartlett Pears				
Prior to 1991	192	228	199	201
1991-1995	567	372	255	294
1996-2000	341	265	309	299
2001-2005	-	-	320	338
2006-2007	-	401	573	481
2008-2009	317	495	318	397
2010	-	-	244	243
All Bartlett Pears.....	316	301	224	235
Winter Pears				
Prior to 1991	223	231	184	187
1991-1995	303	258	237	245
1996-2000	-	290	-	269
2001-2005	-	-	304	307
2006-2007	-	572	379	477
2008-2009	-	302	406	372
2010	-	-	-	274
All Winter Pears.....	249	279	203	216
Total Pears	280	288	212	224

Pears: Bearing, Non-bearing, and Total Trees, by Variety, Washington, January 1, 2011

Variety	Bearing (trees)	Non-bearing (trees)	Total (trees)
Bartlett Pears			
Bartlett	2,044,344	93,643	2,137,987
Red Bartlett	-	-	87,522
Other ¹	-	-	69,038
All Bartlett Pears.....	2,190,576	103,971	2,294,547
Winter Pears			
Asian	32,638	880	33,518
Bosc	421,482	21,763	443,245
Bosc, Golden.....	67,090	13,007	80,097
Comice	-	-	12,845
Concorde.....	36,171	2,394	38,565
D'Anjou.....	1,682,578	94,681	1,777,259
D'Anjou, Red	159,376	10,670	170,046
Kalle	6,171	3,761	9,932
Red Clapp	-	-	9,493
Seckel.....	-	-	16,435
Other ¹	50,166	3,820	53,986
All Winter Pears.....	2,491,375	154,046	2,645,421
Total Pears	4,681,951	258,017	4,939,968

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears: Bearing, Non-bearing, and Total Trees, by Age, Washington, January 1, 2011

Year planted	Bearing (trees)	Non-bearing (trees)	Total (trees)
Bartlett Pears			
Prior to 1991	1,406,282	17,229	1,423,511
1991-1995	219,263	2,481	221,744
1996-2000	253,497	4,054	257,551
2001-2005	212,638	8,358	220,996
2006-2007	88,978	5,847	94,825
2008-2009	9,918	56,082	66,000
2010	-	9,920	9,920
All Bartlett Pears.....	2,190,576	103,971	2,294,547
Winter Pears			
Prior to 1991	1,584,995	29,009	1,614,004
1991-1995	295,684	2,937	298,621
1996-2000	332,893	7,114	340,007
2001-2005	197,764	3,913	201,677
2006-2007	40,361	8,071	48,432
2008-2009	39,678	86,196	125,874
2010	-	16,806	16,806
All Winter Pears.....	2,491,375	154,046	2,645,421
Total Pears	4,681,951	258,017	4,939,968

Pears: Bearing, Non-bearing, and Total Trees, by Area, Washington, January 1, 2011

Area	Bearing (trees)	Non-bearing (trees)	Total (trees)
Bartlett Pears			
Yakima Valley.....	1,135,916	7,449	1,143,365
Wenatchee.....	784,807	88,612	873,419
Columbia Basin.....	121,510	7,910	129,420
Other areas.....	148,343	-	148,343
All Bartlett Pears.....	2,190,576	103,971	2,294,547
Winter Pears			
Yakima Valley.....	359,329	12,284	371,613
Wentachee.....	1,740,338	104,842	1,845,180
Columbia Basin.....	135,586	12,899	148,485
Other areas.....	256,122	24,021	280,143
All Winter Pears.....	2,491,375	154,046	2,645,421
Total Pears.....	4,681,951	258,017	4,939,968

Pears: Bearing, Non-bearing, and Total Trees, by Rootstock, Washington, January 1, 2011

Rootstock	Bearing (trees)	Non-bearing (trees)	Total (trees)
Bartlett Pears			
Dwarf.....	39,262	2,821	42,083
Semi-dwarf.....	356,130	38,016	394,146
Standard.....	1,795,184	63,134	1,858,318
All Bartlett Pears.....	2,190,576	103,971	2,294,547
Winter Pears			
Dwarf.....	-	-	39,851
Semi-dwarf.....	-	-	556,655
Standard.....	1,940,088	108,827	2,048,915
All Winter Pears.....	2,491,375	154,046	2,645,421
Total Pears.....	4,681,951	258,017	4,939,968

Apricots: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Variety, Washington, January 1, 2011

Variety	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Goldbar	60	13,116	219	-
Goldrich	48	11,141	231	-
Patterson	23	3,761	162	-
Perfection	195	39,828	204	-
Riland	116	15,387	132	-
Rival	484	99,849	206	1,778
Tilton	22	1,698	76	-
Other ¹	292	75,958	261	16,693
Total	1,241	260,738	210	20,171

¹ Other varieties includes varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Apricots: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Age, Washington, January 1, 2011

Year planted	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Prior to 1991	428	76,265	178	-
1991-1995	79	24,605	310	-
1996-2000	289	57,176	198	-
2001-2005	160	41,734	260	2,771
2006-2007	217	41,225	190	4,091
2008-2009	-	-	-	9,136
2010	-	-	-	-
Total	1,241	260,738	210	20,171

Nectarines: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Variety, Washington, January 1, 2011

Variety	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Early Red.....	20	6,305	320	-
Fire Sweet.....	61	29,695	486	-
Honey Kist.....	12	4,150	355	-
Honey Royal.....	153	45,951	300	-
Red Gold.....	131	29,798	228	687
Summer Blush.....	156	55,227	354	-
Summer Bright.....	43	9,458	219	-
Summer Fire.....	48	19,465	408	18,228
Supreme Red.....	23	7,590	330	-
Washington Pride.....	30	11,648	392	-
Western Pride.....	20	7,089	348	-
Western Sweet.....	12	5,741	471	-
Other ¹	755	263,539	349	32,091
Total.....	1,463	495,656	339	52,314

¹ Other varieties includes varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Nectarines: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Age, Washington, January 1, 2011

Year planted	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Prior to 1991.....	149	41,866	282	-
1991-1995.....	-	-	-	-
1996-2000.....	457	157,729	345	-
2001-2005.....	547	190,231	348	5,916
2006-2007.....	152	54,274	357	6,610
2008-2009.....	132	44,640	339	36,297
2010.....	-	-	-	-
Total.....	1,463	495,656	339	52,314

Peaches: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Variety, Washington, January 1, 2011

Variety	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
August Lady	78	26,020	332	-
Diamond Princess	131	42,956	327	-
Donut	34	9,098	269	-
Elberta	49	14,041	284	1,169
Elegant Lady	117	31,579	271	-
Hale	23	3,913	172	-
O'Henry	146	43,163	296	-
Red Haven	169	36,146	214	273
Regina	37	8,286	226	-
Rich Lady	260	111,144	428	79,756
Ryan Sun	18	4,612	258	-
Snow Fire	61	22,705	375	-
Snow Giant	86	29,624	345	-
Snow King	36	11,835	332	-
Summer Lady	64	16,707	260	-
Summer Sweet	47	16,091	345	-
Sweet Dream	132	47,009	356	-
Zee Lady	129	36,369	283	-
Other ¹	704	236,886	337	24,419
Total	2,319	748,184	323	110,081

¹ Other varieties includes varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Peaches: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Age, Washington, January 1, 2011

Year planted	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Prior to 1991	255	57,469	226	-
1991-1995	284	73,630	260	116
1996-2000	669	219,618	328	5,226
2001-2005	722	244,788	339	1,348
2006-2007	95	30,533	322	-
2008-2009	271	113,268	418	93,788
2010	24	8,878	371	8,878
Total	2,319	748,184	323	110,081

Prunes and Plums: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Variety, Washington, January 1, 2011

Variety	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Early Italian.....	216	55,357	256	-
Empress.....	83	28,885	347	6,060
Late Italian.....	119	26,107	219	-
President.....	73	17,877	245	3,325
Other ¹	49	14,174	288	-
Total.....	541	142,400	263	9,901

¹ Other varieties includes varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Prunes and Plums: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Age, Washington, January 1, 2011

Year planted	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Prior to 1991.....	213	47,135	221	-
1991-1995.....	68	14,128	207	-
1996-2000.....	65	16,577	253	-
2001-2005.....	113	37,144	328	-
2006-2007.....	53	19,123	362	-
2008-2009.....	28	8,293	294	8,272
2010.....	-	-	-	-
Total.....	541	142,400	263	9,901

Tart Cherries: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Variety, Washington, January 1, 2011

Variety	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Montmorency (Tart Cherry) ¹	1,676	302,402	180	-
Total.....	1,676	302,402	180	-

¹ Includes a small amount of Balaton variety.

Tart Cherries: Acres, Trees, Trees per Acre, and Non-bearing Trees, by Age, Washington, January 1, 2011

Year planted	Acres	Trees	Trees per acre	Non-bearing trees
	(acres)	(trees)	(trees per acre)	(trees)
Prior to 1991.....	222	44,304	199	-
1991-1995.....	-	-	-	-
1996-2000.....	-	-	-	-
2001-2005.....	-	-	-	-
2006-2007.....	546	96,028	176	-
2008-2009.....	-	-	-	-
2010.....	-	-	-	-
Total.....	1,676	302,402	180	-

Tree Fruit: Organic and Transition Acres, by Area, Washington, January 1, 2011

Fruit	Certified					Transition
	Yakima Valley	Wenatchee	Columbia Basin	Other areas	Washington	Washington
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Apples	1,484	5,469	6,632	1,233	14,818	966
Sweet Cherries	382	884	603	214	2,083	332
Bartlett Pears	441	319	75	2	837	19
Winter Pears	150	932	38	2	1,122	43
Peaches	77	29	576	10	692	-
Apricots	35	-	238	-	294	42
Nectarines	52	-	582	-	644	-
Prunes and Plums	-	-	-	-	38	-

Apples: Organic and Transition Acres, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley		Wenatchee		Columbia Basin		Other areas		Washington	
	Certified	Transition	Certified	Transition	Certified	Transition	Certified	Transition	Certified	Transition
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Ambrosia	-	-	-	-	-	-	-	-	14	-
Braeburn	-	-	130	-	394	39	-	-	669	40
Cameo	-	-	718	-	81	-	-	-	819	-
Cripps Pink (Pink Lady)	-	-	-	-	626	-	123	-	780	80
Early Fuji	-	-	350	-	239	-	-	-	659	77
Fuji/Red Fuji	-	170	563	-	1,631	96	-	-	2,788	276
Gala	154	69	1,032	-	1,593	126	308	-	3,087	265
Ginger Gold	-	-	-	-	-	-	-	-	20	-
Golden Delicious (Smoothie)	-	-	-	-	28	-	-	-	105	-
Golden Delicious (Standard)	-	-	520	-	464	-	-	-	1,052	-
Granny Smith	209	-	766	-	444	-	83	-	1,502	20
Honeycrisp	-	-	342	-	385	-	-	-	939	-
Jazz	-	-	-	-	-	-	-	-	71	-
Jonagold	43	-	-	-	-	-	-	-	62	-
Pinata	-	-	56	-	40	-	-	-	113	-
Red Delicious	176	-	593	-	429	-	251	-	1,449	-
Rome (Red Rome)	-	-	5	-	-	-	-	-	27	-
Other ¹	-	-	342	35	240	143	-	-	662	208
Total	1,484	372	5,469	-	6,632	479	1,233	-	14,818	966

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Sweet Cherries: Organic and Transition Acres, by Area and Variety, Washington, January 1, 2011

Variety	Yakima Valley		Wenatchee		Columbia Basin		Other areas		Washington	
	Certified	Transition	Certified	Transition	Certified	Transition	Certified	Transition	Certified	Transition
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Bing ¹	194	23	157	22	307	-	22	-	680	88
Chelan	59	-	-	-	70	-	-	-	210	76
Lapins	19	-	43	-	33	-	-	-	95	-
Rainier	-	-	147	17	60	-	-	-	267	26
Skeena	-	-	187	65	-	-	-	-	207	65
Sweetheart	40	-	308	-	-	-	-	-	386	-
Tieton	-	-	-	-	-	-	40	-	78	-
Van	-	-	7	-	47	-	-	-	58	-
Other ²	-	-	22	-	-	-	61	-	102	77
Total	382	-	884	168	603	-	214	77	2,083	332

¹ Excludes Sunset Bing variety.

² Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Pears and Nectarines: Organic Acres, by Variety,
Washington, January 1, 2011

Fruit/Variety	Certified (acres)
Bartlett Pears	
Bartlett	680
Red Bartlett	40
Other ¹	117
Total	837
Winter Pears	
Asian	11
Bosc	103
Bosc, Golden	62
D'Anjou	737
D'Anjou, Red	190
Red Clapp	18
Other ¹	1
Total	1,122
Nectarines	
Honey Royal	80
Summer Blush	121
Washington Pride	14
Other ¹	429
Total	644

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Peaches and Apricots: Organic Acres, by Variety,
Washington, January 1, 2011

Fruit/Variety	Certified (acres)
Peaches	
August Lady	80
Diamond Princess	38
Elegant Lady	32
O'Henry	33
Red Haven	11
Rich Lady	29
Snow Fire	54
Snow Giant	42
Snow King	23
Summer Sweet	49
Sweet Dream	99
Other ¹	202
Total	692
Apricots	
Goldbar	14
Perfection	70
Riland	13
Rival	96
Tilton	16
Other ¹	85
Total	294

¹ Other varieties include varieties with minimal acreage, unknown varieties, or varieties not published to avoid disclosure of individual operations.

Intentions for 2011 and the Next Five Years

Orchardists were asked for their intentions to topwork, remove, or plant each of the fruit crops in 2011 and their intentions in the next five years. Most operations indicated no change. For all tree fruit, there were 151 reports of intentions to topwork during 2011, 146 reports to remove acreage, and 233 reports to put in new plantings. Between now and 2016, there were 202 reports of intentions to topwork, 245 reports to remove acreage, and 316 reports of new planting intentions. Many orchardists indicated in comments that they were unsure of their one year and five year intentions at the time of the survey. A few larger firms that supplied acreage information did not provide a response to the intentions questions. No adjustments were made for those not responding or unsure of their intentions. Data users should evaluate the intentions information considering the factors mentioned above and consider the data shown minimum amounts

Tree Fruit: Future Acreage Intentions, Washington, January 1, 2011

Fruit	Intentions to topwork, remove, or plant acreage					
	Intentions for 2011			Intentions for 2011-2016		
	Topwork or replant	Remove	New plantings	Topwork or replant	Remove	New plantings
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Apples	1,168	1,037	2,119	3,402	2,770	5,741
Bartlett Pears.....	3	2	64	76	119	337
Winter Pears.....	34	37	221	51	50	492
Sweet Cherries.....	189	173	681	339	443	892
Tart Cherries	-	-	-	-	80	-
Apricots	-	1	8	4	20	17
Peaches	35	29	13	47	43	28
Nectarines	21	2	4	36	29	8
Prunes and Plums	4	-	1	4	20	-

Northwest Tree Fruit Coalition

Dear Washington Tree Fruit Grower,

Please participate in an important survey from the National Agricultural Statistics Service (NASS), which is enclosed.

Earlier this year, the Washington Growers Clearing House was awarded a Specialty Crop Block Grant to fund a new Tree Fruit Acreage Survey, which will be conducted by USDA's NASS in December and early 2011, in the same manner a similar survey was conducted in 2006. This survey is an essential tool for setting the direction of the various Washington tree fruit industry organizations. Strong grower participation is needed so that these organizations can align their work with the realities of current industry varietal plantings and future growth projections. It is vital that greater consumer demand be created through the proper allocation of resources.

Changes in varietal acreage plantings, ever more trees per acre, and the effects of accelerating industry consolidation are a few of the components that are driving the need for industry organizations to stay current with what is happening at the orchard level. Identifying current varietal production is paramount to the long term success of our growers on multiple levels;

- Confirming the ever-changing varietal plantings alerts commissions to the proper allocation of resources to promote and market our tree fruits. Domestic and international marketing strategies must align if we are to grow future demand supported by the most opportune promotional activities.
- Export market access is critical to protecting our domestic market and improving grower profitability. As our varietal trends change, keeping and gaining access to current, new, and emerging markets is mandatory to our overall industry's long term success.
- Getting more healthy and nutritious Washington tree fruits into consumers' hands—at a profit to growers—is our true success. Confirming acreages and extrapolating future volumes provides the guidance necessary to stay ahead of the production curve with consumption-increasing messages.

Being responsive to grower needs is the focus of all of our industry organizations. Confirming the current and future growth path of Washington tree fruits is important to the success of each of our organizations. We all understand the effort needed by you to complete the NASS survey, but know that once this information has been collected and compiled, it will be put to the best use in representing you and your fellow growers in building towards a 'fruitful' future.

Your assistance in participating in the NASS Tree Fruit Acreage Survey would be greatly appreciated!

Sincerely,

Washington Apple Commission



Washington Growers Clearing House



Yakima Valley Growers - Shippers Assn



Northwest Horticultural Council **NHC**

Washington State Fruit Commission



Pear Bureau Northwest



Wenatchee Valley Traffic Association **WVTA**

Northwest Fruit Exporters



Washington State Horticultural Assn



The Marketing Associations



Washington State University Tree Fruit Research Commission





WASHINGTON ASSOCIATION *of*
WINE GRAPE GROWERS

December 2010

TO: All Washington State Grape Growers
FR: Vicky Scharlau, Executive Director, Washington Association of Wine Grape Growers
RE: Grape Acreage Survey

Would you help us, help you?

Detailed acreage information is critical to fruit growers for decision-making that maximizes production and labor efficiencies. The information is also valuable for associated agribusiness service-providers including lenders, nurseries, input suppliers, wineries, processors as well as for the management of labor supplies, transportation, etc. Maintaining a regular trend for collection of industry data is necessary for risk management, future planning and also determining our economic impact to the state and nation!

Five years ago, we worked with the Washington tree fruit industry and the National Ag Stats Service to develop and implement a tree fruit and grape acreage survey funded by a USDA research grant awarded through the Washington Wine Industry Foundation.

This year, the Washington Growers Clearing House was awarded a grant from the State Department of Ag's Specialty Crop Block Grant Program to complete an updated tree fruit and grape acreage survey.

Without the support of these grants, our specialty crop industries would not be able to engage in the important work of acreage surveys.

The Washington Association of Wine Grape Growers committed to provide in-kind support for this project including:

- List building
- Questionnaire review
- Publicity to encourage grape growers to respond
- Technical issue consultation
- Dissemination of results

The Association also agreed to provide matching cash funds to help implement and disseminate the grape portion of the survey.

Thank you, in advance, for filling out this acreage survey and helping us, to help you.



Grape & Tree Fruit Acreage Inventory by Variety Study January 1, 2011

Information is being gathered for an inventory of Washington fruit acreage by variety and rootstock as of January 1, 2011. Your voluntary response is needed for accurate estimates. All reports will be kept confidential. Survey results will be published and available to you on Internet or by mail.

Washington Field Office
P.O. Box 609
112 Henry St NE
Olympia, WA 98507-0609
Phone (800)435-5883, Fax(800)265-6275
nass-wa@nass.usda.gov

Please make corrections to name, address, and zip code, if necessary.

1. Is the operation listed on the label known by any OTHER NAME?
() NO () YES - Secondary Name(s) _____

Office Use	
Segment	Tract
801	802

2. Are you involved as **THE OPERATOR** of fruit acreage under another operation name?
() NO - skip to item 3 () YES - enter information for other orchard(s) you operate below.

Operation Name	County	Total Acres of Fruit
_____	_____	_____
_____	_____	_____

3. Is there any other operator that could report the same acreage for the operation on the label?
() NO - Skip to item 4 () YES - Who might also report this acreage? _____

Note: Information recorded in this questionnaire should be for the operation as printed or corrected on the label. Information for additional operations listed in item 2 should be reported on separate questionnaires.

ACRES OPERATED – JANUARY 1, 2011

	Acres (Tenths)
4. Total Acres in Operation (include roads, waste areas, other crops, etc.).....	201 .____
5. Total Cropland	202 .____
6. Total Fruit Acreage (including grapes)	203 .____
7. Total acres certified in a Food Safety GAP program (eg. USDA GAP, GlobalG.A.P, SQF)?	200 .____

SUMMARY OF GRAPE & TREE FRUIT ACREAGE – JANUARY 1, 2011

8. Record the acres of fruit (excluding roads, waste areas, abandoned orchards/vineyards) to the nearest tenth acre.

TREE FRUIT	TOTAL ACRES (Tenths)	TREE FRUIT	TOTAL ACRES (Tenths)
Apples	204 .____	Nectarines	211 .____
Pears, Bartlett	205 .____	Plums/Prunes	212 .____
Pears, Winter	206 .____	Pluots	216 .____
Cherries, Sweet	207 .____	GRAPES	
Cherries, Tart	208 .____	Grapes, Wine	213 .____
Apricots	209 .____	Grapes, Juice	214 .____
Peaches	210 .____	Grapes, Table	215 .____

9. If total tree fruit acreage on this operation is less than 5 acres and total grape acreage is less than 1 acre, skip to *Survey Results* on p. 4, otherwise, continue to page 2.

INSTRUCTIONS FOR RECORDING DETAILED INFORMATION

Information should be recorded by COUNTY, BLOCK NAME, FRUIT TYPE, VARIETY, ROOTSTOCK (only for apples, cherries, and pears), YEAR PLANTED OR TOPWORKED, and AMERICAN VITICULTURAL AREA (for Wine Grapes). The reference date is January 1, 2011.

(Column 1. Optional) Record block name, for our reference.

(Column 2) The county where the fruit is located should be recorded for each fruit. Use a separate line for each variety, rootstock (for apples, cherries, and pears), and year planted or topworked.

(Columns 4 and 6) Record the type and variety of the fruit.

(Column 8) For wine grapes only, record the most definitive American Viticultural Area code for each block.

(Column 9) For apples, pears, and cherries, record the rootstock code.

(Column 10) Enter the year code of planting or year topworked for each line.

(Column 11) Record the acres of fruit (excluding roads, waste areas, abandoned orchards/vineyards) to the nearest tenth acre.

(Columns 12-13) Record the number of certified organic acres and transition to organic acres.

(Columns 14-15) Record the number of trees/vines for each line by bearing age and non-bearing age. The operator makes the determination in classifying trees/vines as bearing age. Exclude non-harvested pollenizers in tree count.

(Column 16-18) Provide this information only if the number of trees/vines in columns 14 and 15 are not reported. Record the percentage of acreage in the block that is of bearing age, and either the tree/vine density per acre or the block tree/vine spacing.

Include additional or clarifying information for unusual situations (irregular tree spacing patterns or interplant designs, multiple row plantings, etc.) in the comments section or on a separate enclosure.

Grape and Tree Fruit Acreage for

L I N E	1 Block Name (Optional)	2 County Name	3 County Code <i>Office Use Only</i>	4 Fruit Type	5 Fruit Code <i>Office Use Only</i>	6 Variety Name	7 Variety Code <i>Office Use Only</i>	8 American Viticultural Area Code [For wine grapes, enter the most definitive code from table above.] CODE	9 Rootstock Code [Record code only for apples, pears and cherries.] CODE	10 Year Planted/ Topworked Code [Enter code from table above] CODE
001			301		302		303	309	304	305
002			301		302		303	309	304	305
003			301		302		303	309	304	305
004			301		302		303	309	304	305
005			301		302		303	309	304	305
006			301		302		303	309	304	305
007			301		302		303	309	304	305
008			301		302		303	309	304	305
009			301		302		303	309	304	305
010			301		302		303	309	304	305

If more than 10 blocks, continue

Fruit Type Codes for Column 5	American Viticultural Area Codes for Column 8	Rootstock Codes for Column 9	Year Codes for Column 10
420 Apples	1 Columbia Gorge	1 Dwarf	1 Prior to 1991
456 Pears, Bartlett	2 Columbia Valley	2 Semi-dwarf	2 1991-1995
457 Pear, Winter	3 Horse Heaven Hills	3 Standard	3 1996-2000
430 Cherries, Sweet	4 Puget Sound		4 2001-2005
432 Cherries, Tart	5 Rattlesnake Hills		5 2006
421 Apricots	6 Red Mountain		6 2007
450 Peaches	7 Wahluke Slope		7 2008
439 Nectarines	8 Walla Walla Valley		8 2009
449 Plums/Prunes	9 Yakima Valley		9 2010
141 Pluots	10 Snipes Mountain		
444 Grapes, Juice	11 Lake Chelan		
443 Grapes, Wine			
445 Grapes, Table			

Operation on Label - January 1, 2011

LINE	11 Total Acres In Block (Tenths)	Organic		Number of Trees/Vines		Complete Only if Numbers of Trees/Vines are not Reported in Cols. 14 and 15		
		12 Certified Acres (Tenths)	13 Transition Acres (Tenths)	14 Number of Bearing Age Trees/Vines	15 Number of Non-Bearing Age Trees/Vines	16 Percent of Acres in Block that are of Bearing Age	17 Tree/Vine Planting Density in Block (Trees or vines/Acre)	Block Spacing
								18 Distance Between Trees/Vines in Row And Distance Between Rows
001	306	310	311	307	308	312	313	ft. X ft.
002	306	310	311	307	308	312	313	ft. X ft.
003	306	310	311	307	308	312	313	ft. X ft.
004	306	310	311	307	308	312	313	ft. X ft.
005	306	310	311	307	308	312	313	ft. X ft.
006	306	310	311	307	308	312	313	ft. X ft.
007	306	310	311	307	308	312	313	ft. X ft.
008	306	310	311	307	308	312	313	ft. X ft.
009	306	310	311	307	308	312	313	ft. X ft.
010	306	310	311	307	308	312	313	ft. X ft.

on enclosed supplement

Based on your current plan, please record your 1-year and 5-year plans to remove or plant acreage by fruit. (Record acres in tenths for each activity.)

FRUIT	Intentions to Topwork, Plant or Remove Acreage in 2011			Intentions to Topwork, Plant or Remove Acreage in the Next 5 Years		
	TOPWORK or REPLANT	REMOVE	NEW PLANTINGS	TOPWORK or REPLANT	REMOVE	NEW PLANTINGS
Apples	222	223	263	235	244	253
Pears, Bartlett	280	224	264	236	245	254
Pears, Winter	281	225	265	237	246	255
Cherries, Sweet	282	226	266	238	247	256
Cherries, Tart	283	227	267	239	248	257
Apricots	284	228	268	240	249	258
Peaches	285	229	269	241	250	259
Nectarines	286	230	270	242	251	260
Plums/Prunes	287	231	271	243	252	261
Pluots	275	276	277	278	279	262

FRUIT	Intentions in 2011		Intentions in the Next 5 Years		Quantity of Grapes Not Harvested in 2010 Due to:			
	Remove	New Plantings	Remove	New Plantings	Bird/Animal Loss (Tons)	Disease Loss (Tons)	Weather Loss (Tons)	Economic Reasons (Tons)
Grapes, Wine	232	272	217	220	291	294	297	288
Grapes, Juice	233	273	218	221	292	295	298	289
Grapes, Table	234	274	219	300	293	296	299	290

COMMENTS about unusual situations that would be helpful in understanding your operation would be appreciated.

SURVEY RESULTS

Thank you for completing the survey. Survey results will be available on the Internet at <http://www.nass.usda.gov/wa/>.

Would you rather receive a brief summary mailed to you at a later date? Yes No

099

If additional help is needed, please call (360)709-2400 or (800)435-5883.

Reported by _____ Date _____ Phone _____

Office Use						
R. Unit	Response	Respondent	Mode	Enum	Eval	Date
921	9901	9902	9903	098	100	9910 MM DD YY Date: _____
S/E Name				789 <i>POID for Additional Questionnaires</i>		

Respondent Booklet

2011 Grape and Fruit Tree Acreage Study

COUNTY CODES - Column 3

1 Adams
 3 Asotin
 5 Benton
 7 Chelan
 9 Clallam
 11 Clark
 13 Columbia
 15 Cowlitz
 17 Douglas
 19 Ferry
 21 Franklin
 23 Garfield
 25 Grant
 27 Grays Harbor
 29 Island
 31 Jefferson
 33 King
 35 Kitsay
 37 Kittitas
 39 Klickitat
 41 Lewis
 43 Lincoln
 45 Mason
 47 Okanogan
 49 Pacific
 51 Pend Oreille
 53 Pierce
 55 San Juan
 57 Skagit
 59 Skamania
 61 Snohomish
 63 Spokane
 65 Stevens
 67 Thurston
 69 Wahkiakum
 71 Walla Walla
 73 Whatcom
 75 Whitman
 77 Yakima

FRUIT TYPE CODES – Column 5

420 Apples
 421 Apricots
 430 Cherries, Sweet
 432 Cherries, Tart
 444 Grapes, Juice
 443 Grapes, Wine

445 Grapes, Table
 439 Nectarines
 450 Peaches
 456 Pears, Bartlett
 457 Pears, Winter
 449 Plums & Prunes
 141 Pluots

VARIETY CODES - Column 7

APPLE VARIETIES

103 Akane
 104 Ambrosia
 105 Braeburn
 107 Cameo
 109 Chehalis
 111 Corland
 110 Crimson Cold
 149 Cripps Pink (Pink Lady)
 113 Criterion
 114 Earligold
 118 Early Fuji
 116 Elstar (Valstar)
 115 Empire
 112 Envy
 117 Fuji / Red Fuji
 102 Gala
 119 Ginger Gold
 121 Golden Delicious -
 (Standard)
 120 Golden Delicious -
 (Smoother / Gibson)
 122 Golden Supreme
 123 Granny Smith
 125 Gravenstein
 127 Honeycrisp
 129 Idared
 130 Jazz
 131 Jonagold
 133 Jonathan (Ruby Jon)
 132 Kiku
 136 Lady Alice
 134 Liberty
 135 Lodi
 137 Macoun
 139 McIntosh
 141 Melrose
 142 Minneiska (Sweetango)
 143 Mutsu
 145 Newton
 147 Northern Spy

146 Opal
 148 Orin
 154 Pacific Rose
 150 Pinata
 151 Pinova
 158 Prime Gold
 152 Ramey York
 101 Red Delicious
 156 Rome (Red Rome)
 153 Sansa
 144 Sonya
 155 Spartan
 160 Sport
 157 Winesap
 159 Winter Banana
 161 Zester
 198 Other
 199 Not Reported

APRICOT VARIETIES

202 Blenheim
 221 Casselbrite
 220 Chinese
 201 Goldbar
 206 Goldcot
 203 Goldrich
 204 Goldstrike
 222 Moorpark
 207 Patterson
 209 Perfection
 210 Puget Gold
 211 Riland
 213 Rival
 215 Sun-glo
 217 Tilton
 219 Tomcot
 205 Wenatchee Moorpark
 298 Other
 299 Not Reported

CHERRY (All) VARIETIES

301	Attika
302	Balaton (Tart Cherry)
304	Benton
303	Bing (excl Sunset Bing)
305	Black Republican
310	Black Tartatian
306	Brooks
308	Casmer
307	Chelan
309	Chinook
312	Cristalina
332	Dnoex
314	Early Robin
328	Index
311	Lambert
313	Lapins
320	Montgomery (Tart Cherry)
315	Rainier
317	Regina
319	Royal Ann
322	Sam
324	Sandra Rose
326	Santina
330	Schneider
333	Selah (Liberty Bell)
321	Skeena
323	Sonata
339	Staccato
325	Stella
334	Sumleta
334	Sumnue
338	Sunset Bing
327	Sweetheart
329	Tieton
336	Ulster
331	Van
337	Zing
398	Other
399	Not Reported

GRAPES, JUICE VARIETIES

901	Concord
902	Niagara
908	Other
909	Not Reported

GRAPES, TABLE VARIETIES

915	Red Flame
916	Thompson Seedless
918	All Varieties
919	Not Reported

GRAPES, WINE VARIETIES

920	Aligote
921	Aurore
922	Barbera
923	Cabernet Franc
924	Cabernet Sauvignon
925	Campbell Early (Island Belle)
926	Carmenere
927	Cascade
928	Chardonnay
929	Chasselas
930	Chenin Blanc
931	Cinsaut
932	Cournoise
933	Dolcetto
934	Gamay Beaujolais
935	Gamay Noir
936	Gewurztraminer
937	Golden Muscat
938	Grenache
939	Joffre
940	Lemberger
941	Leon Milot
942	Madeline Angevine
943	Madeline Sylvaner
944	Malbec
945	Marechal Fosh
946	Merlot
947	Mouvedre
948	Mueller-Thurgau
949	Muscat Canelli
950	Muscat of Alexandria
951	Muscat Ottonel
952	Nebbiolo
953	New York Muscat
954	Okanogan Riesling
955	Orange Muscat
956	Petit Verdot
957	Pinot Blanc
958	Pinot Gris
959	Pinot Noir
960	Riesling
961	Rousanne
962	Royalty
963	Sangiovese
964	Sauvignon Blanc
965	Semillon
966	Siegerrebe
967	Souzao
968	Syrah
969	Tempranillo
970	Tinta Madeira
971	Tinto Cao
972	Touriga
973	Viognier
974	White Zinfandel
975	Zinfandel
998	Other

NECTARINE VARIETIES

406	Arctic Glo
402	Arctic Pride
401	Arctic Queen
408	Arctic Rose
427	August Red
428	Autumn Red
403	Bright Pearl
429	Byrd
404	Crystal Rose
416	Early Red
430	Fairlane
405	Fantasia
418	Fire Sweet
407	Firebrite
431	Fireburst
432	First Red
433	Flame
409	Flavortop
442	Goff Pearl
444	HoneyKist
440	Honey Royal
410	Independence
434	Laurie Red
411	Red Gold
413	Scarlet Sun
435	September Red
436	Sparkling Red
412	Spring Brite
414	Spring Diamond
437	Summer Beaut
417	Summer Blush
415	Summer Bright
419	Summer Fire
438	Summer Grand
439	Sunfree
423	Sun Glo
421	Supreme Red
424	Sweet Scarlet
425	Western Pride
443	Western Sweet
426	Zee Gold
498	Other
499	Not Reported

PEACH VARIETIES

570 Allstar
501 Angelus
571 Arctic Gem
510 August Lady
572 Avalon
573 Baby Gold 5
574 Blazingstar
502 Blushing Star
532 Brendasun
575 Canadian Harmony
576 Coral Star
504 Cresthaven
530 Crimson Lady
508 David Sun
503 Delta
505 Diamond Princess
506 Donut
507 Elberta
509 Elegant Lady
580 Encore
511 Fancy Lady
513 Flamecrest
514 Flaming Fury
515 Flavorcrest
552 Frost
581 Glohaven
517 Glory
582 Glowingstar
516 Gold Medal
518 Golden Alberta
583 Golden Jubilee
584 Goldnine (Arkansas9)
519 Hale
521 John Henry
534 June Lady
520 July Sun
523 June Pride
524 Jupiter
525 Lady Nancy
585 Loring
586 M A Blake
587 Madison
588 Newhaven
527 NJ252
529 O'Henry
531 PF series (PF Lucky 13)
590 Red Freemont
589 Red Freemont
533 Red Glove
535 Red Haven
591 Red Lady
536 Red Top
592 Redglobe
593 Redskin
594 Redstar
537 Regal
539 Regina

541 Rich Lady
542 Rio Oso Gem
543 Risingstar
545 Roza
547 Ryan Sun
548 Saturn
538 Scarlet Lady
567 Siera Lady
549 Sierra Gem
550 Snow Fire
551 Snow Giant
553 Snow King
555 Snowbrite
512 Starfire
557 Sugar Lady
559 Summer Lady
561 Summer Prince
563 Summer Sweet
564 Suncrest
554 Sweet Dream
526 Tiffany Rose
528 Veteran
540 White Hale
565 White Lady
567 Zee Lady
598 Other
599 Not Reported

PEAR SUMMER/FALL VARIETIES

601 Bartlett
602 Red Bartlett
603 Red Sensation
604 Starkrimson
606 Tosca
698 Other
699 Not Reported

PEAR (WINTER) VARIETIES

701 Asian
703 Bosc
720 Bosc, Golden
704 Cascade
705 Comice
707 Concorde
709 D'Anjou
711 D'Anjou, Red
712 Kalle
713 Packham
715 Red Clapp
717 Seckel
719 Taylor Gold
798 Other
799 Not Reported

PLUM & PRUNE VARIETIES

801 Autumn Sweet
803 Black Amber
802 Bluefre
804 Castleton
812 Catalina
806 Damson
805 Duarte
807 Early Italian
808 Elephant Heart
811 Empress
813 Friar
809 Late Italian (Standard)
814 NY 6
816 NY 9
815 President
819 Santa Rosa
821 Shiro
822 Simka
823 Stanley
810 Yellow Egg
848 Other
849 Not Reported

PLUOT VARIETIES

860 Crimson Sweet
861 Dapple Dandy
862 Early Dapple
863 Emerald Drop
864 Flavor Delight
865 Flavor Fall
866 Flavor Finale
867 Flavor Grenade
868 Flavor Heart
869 Flavor Jewel
870 Flavor King
871 Flavor Prince
872 Flavor Queen
873 Flavor Rich
874 Flavor Royal
875 Flavor Supreme
876 Flavorich
877 Flavorosa
878 Geo Prode
879 Raspberry Jewel
880 Red Ray
881 Splash
882 Sweet Treat
883 Tropical Plumana
888 Other
889 Not Reported

**AMERICAN VITICULTURAL
AREA CODES - Column 8**

- 1 Columbia Gorge
- 2 Columbia Valley
- 3 Horse Haven Hills
- 4 Puget Sound
- 5 Rattlesnake Hills
- 6 Red Mountain
- 7 Wahluke Slope
- 8 Walla Walla Valley
- 9 Yakima Valley
- 10 Snipes Mountain
- 11 Lake Chelan

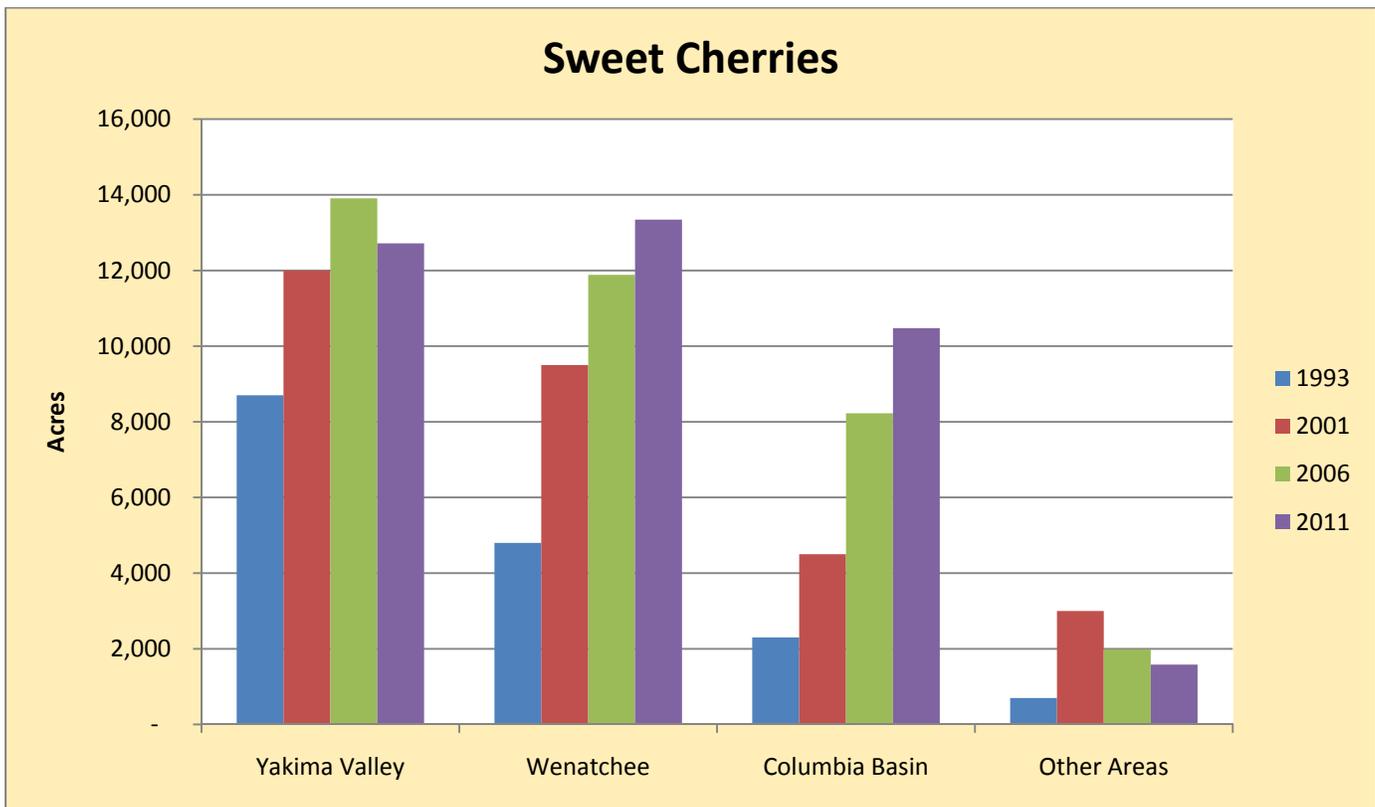
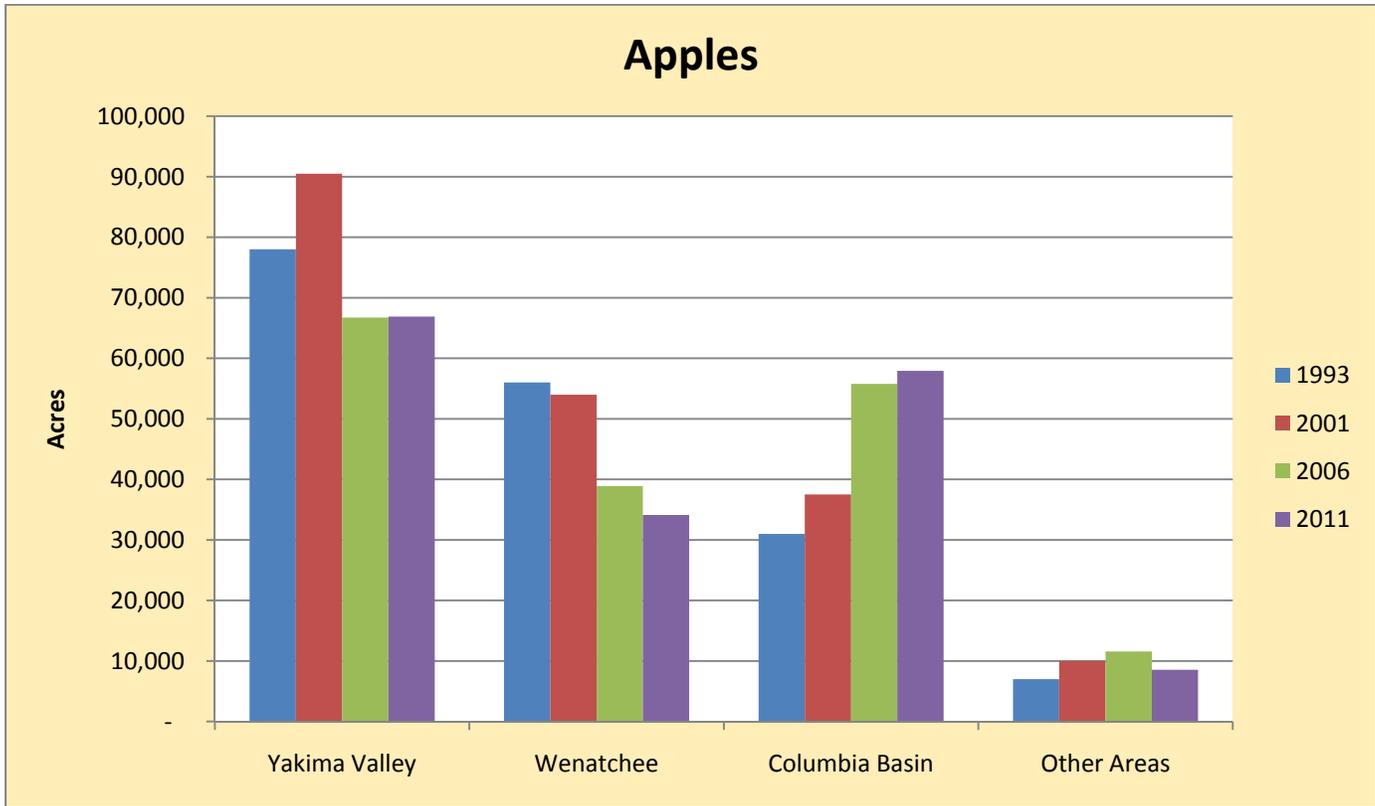
**ROOTSTOCK CODES FOR
APPLES, PEARS AND
CHERRIES - Column 9**

- 1 Dwarf
- 2 Semi-dwarf
- 3 Standard

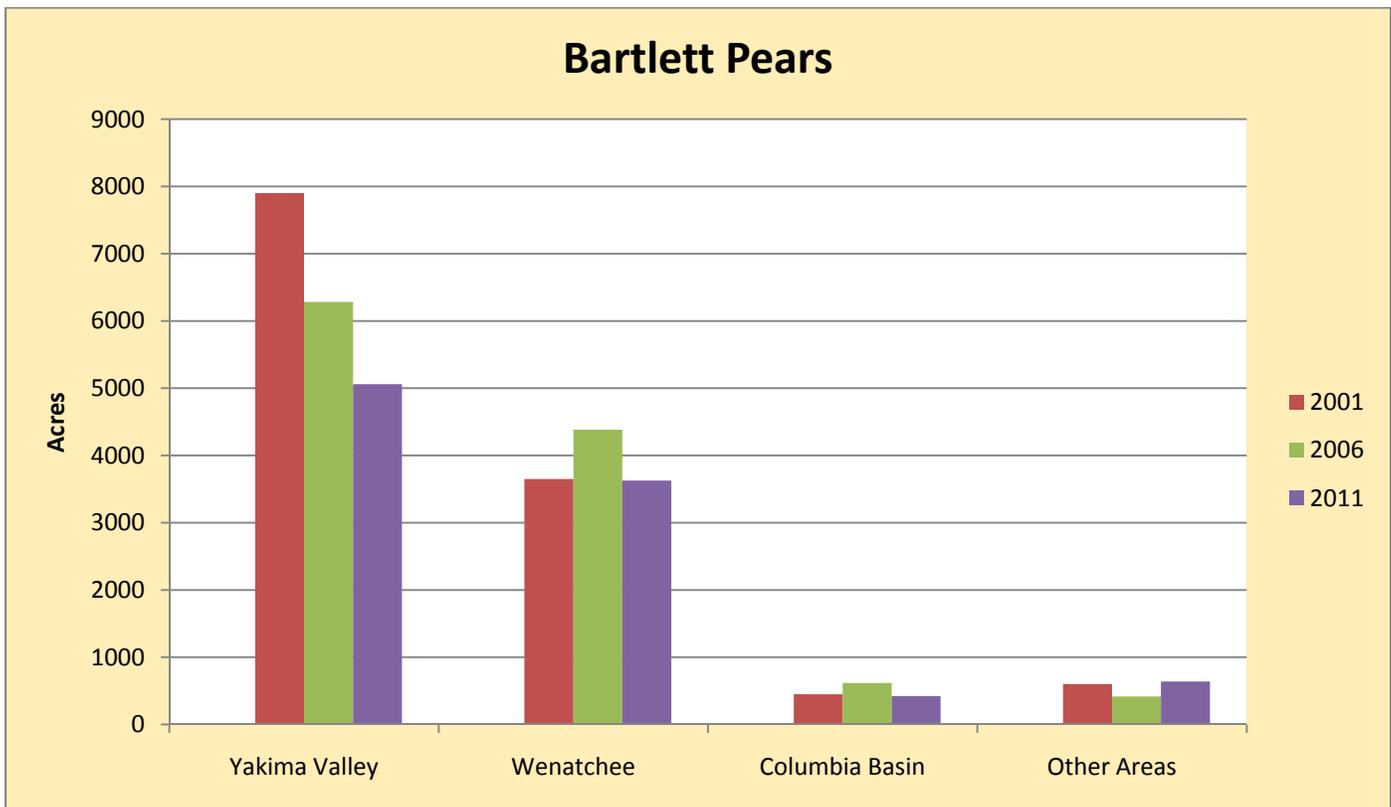
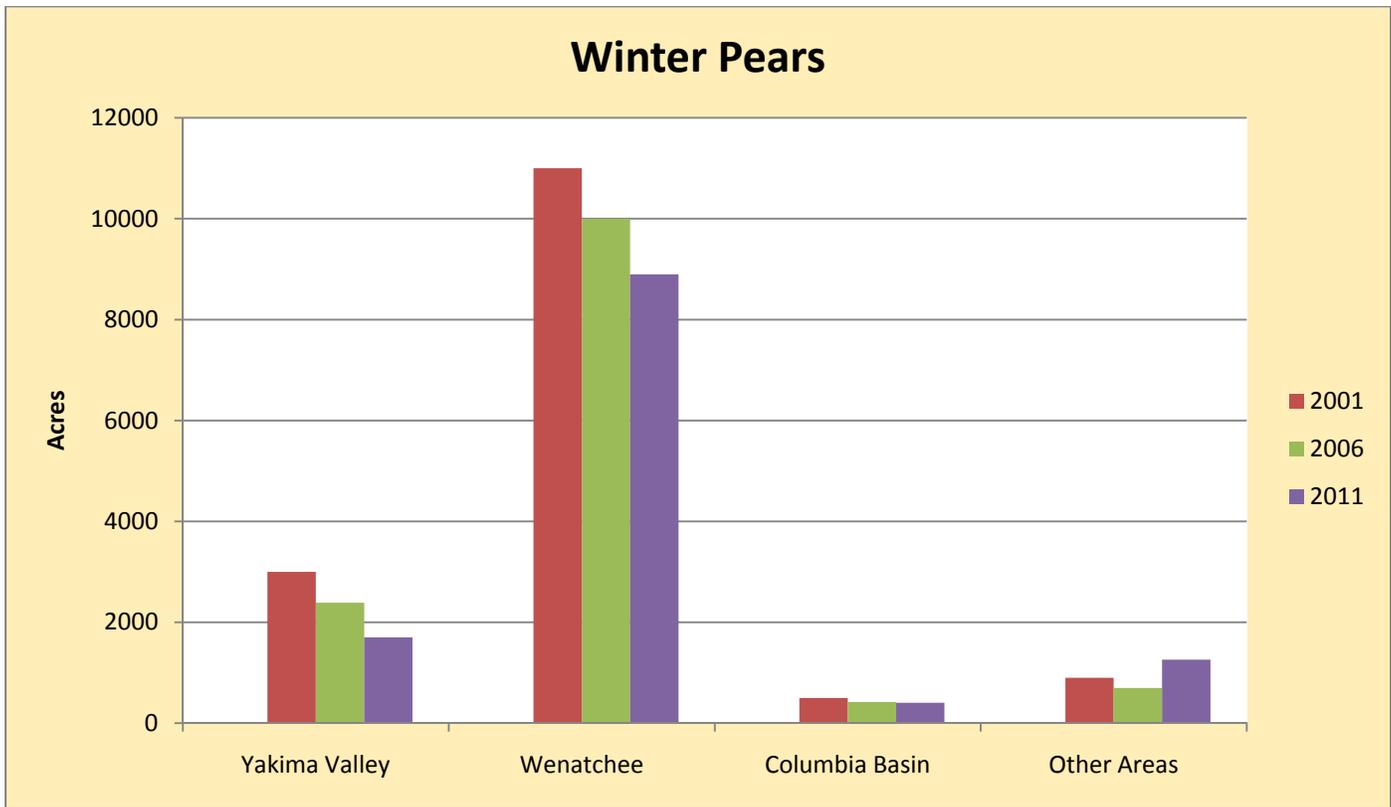
YEAR CODES - Column 10

- 1 Prior to 1991
- 2 1991-1995
- 3 1996-2000
- 4 2001-2005
- 5 2006
- 6 2007
- 7 2008
- 8 2009
- 9 2010

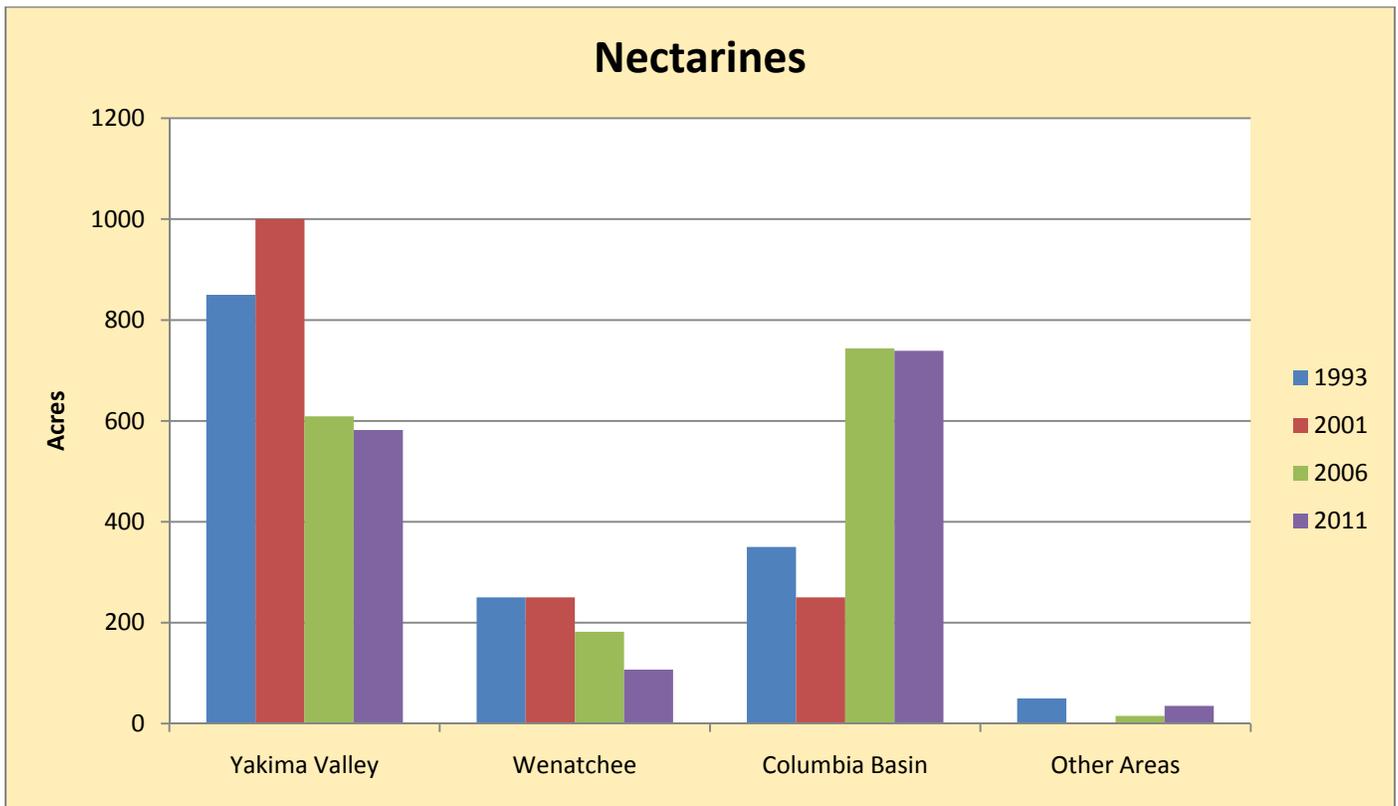
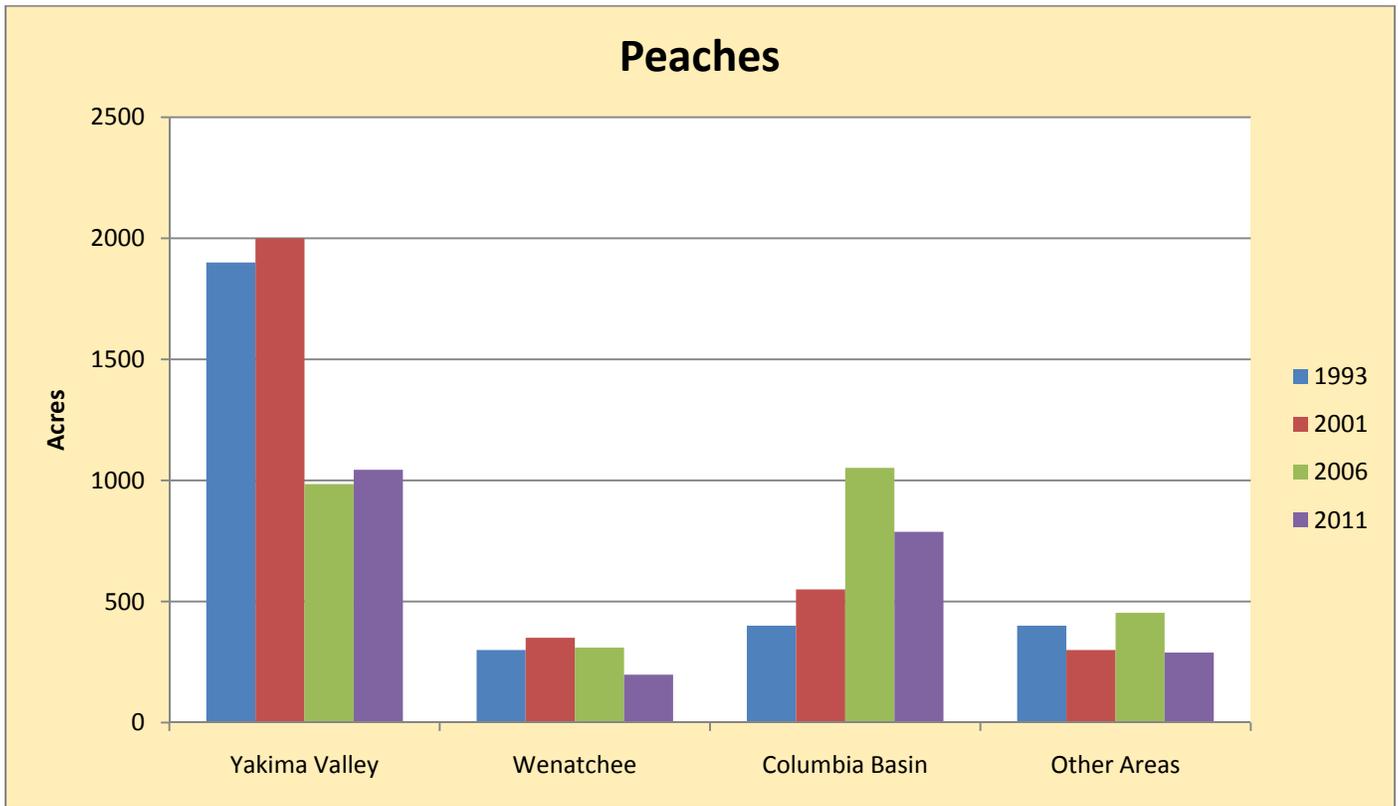
Acreage, by Fruit, Washington, Historical Comparisons



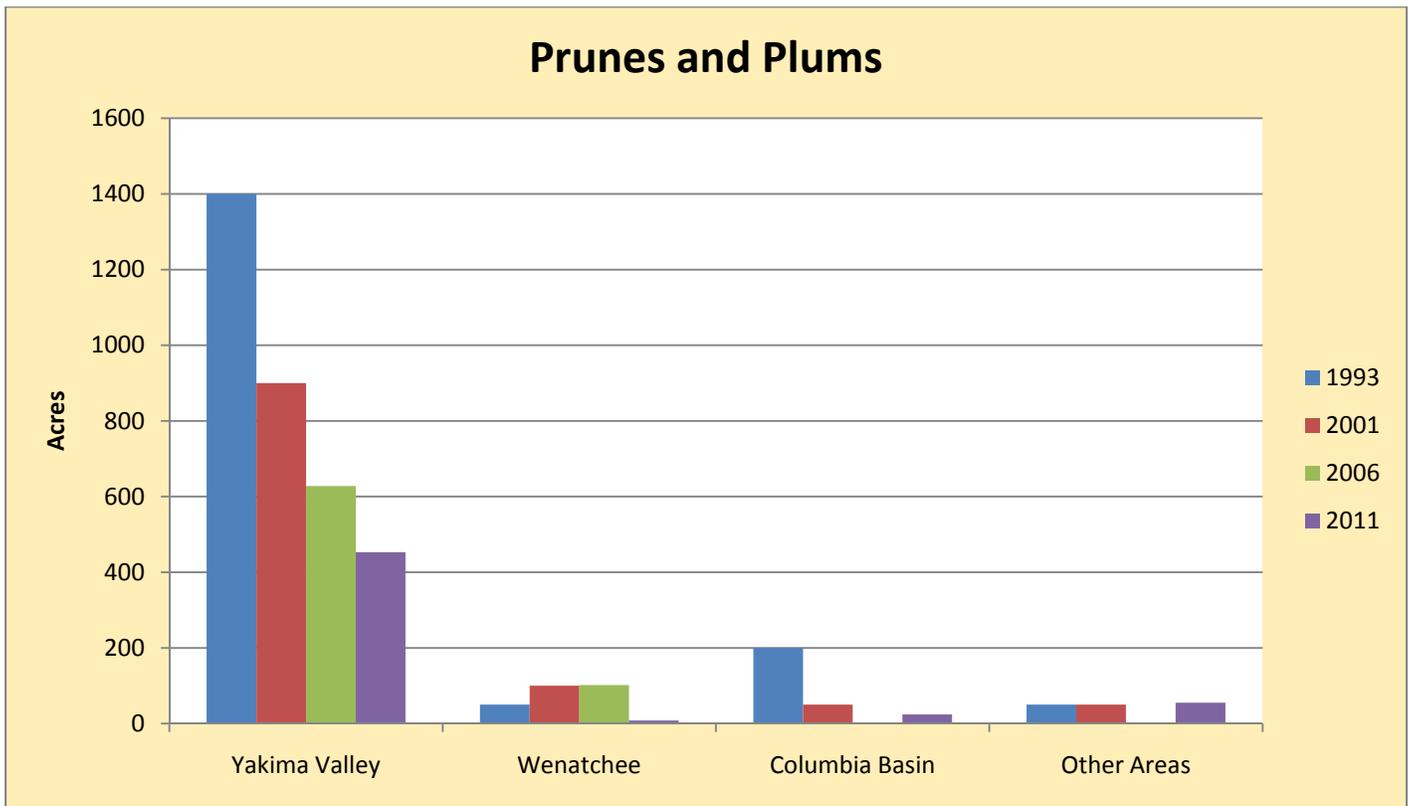
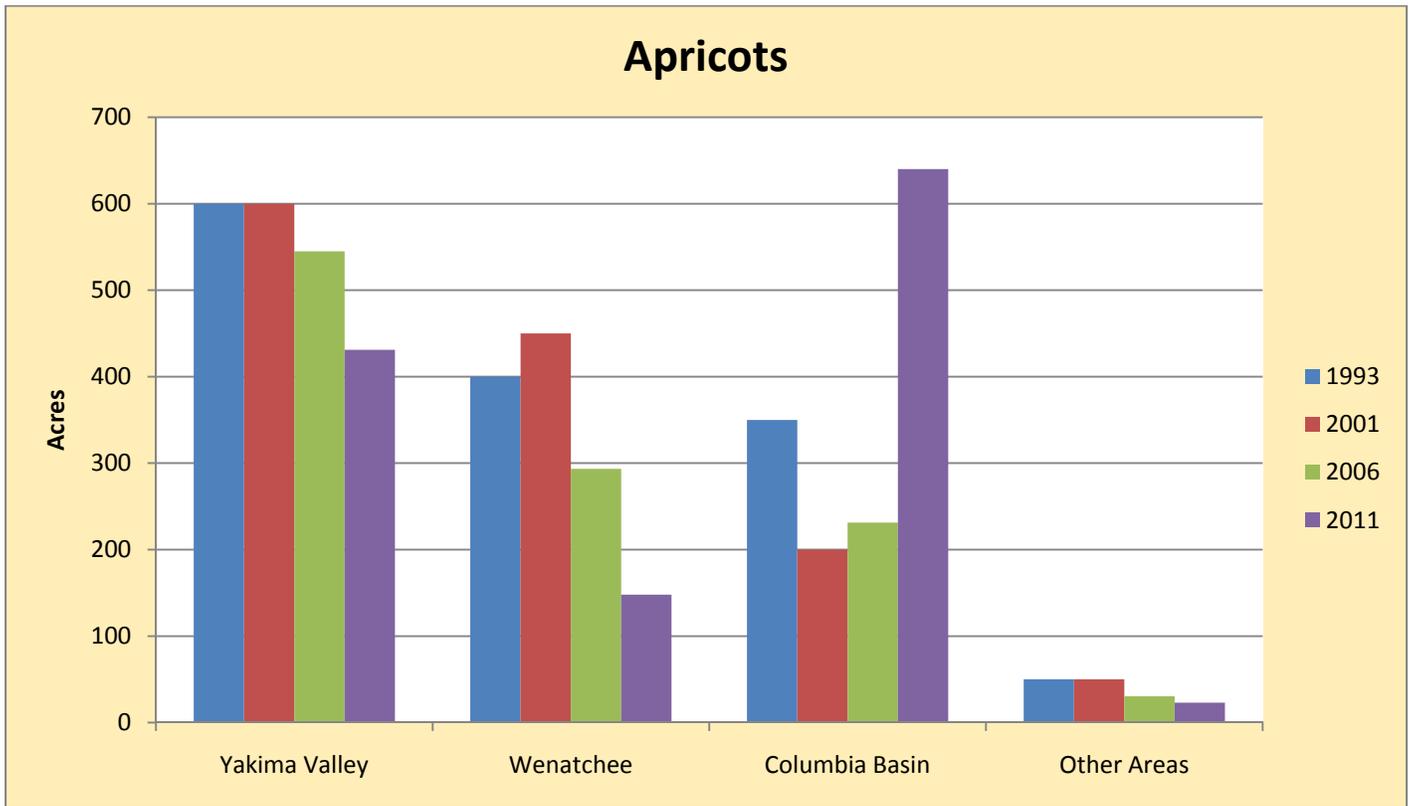
Acres, by Fruit, Washington, Historical Comparisons



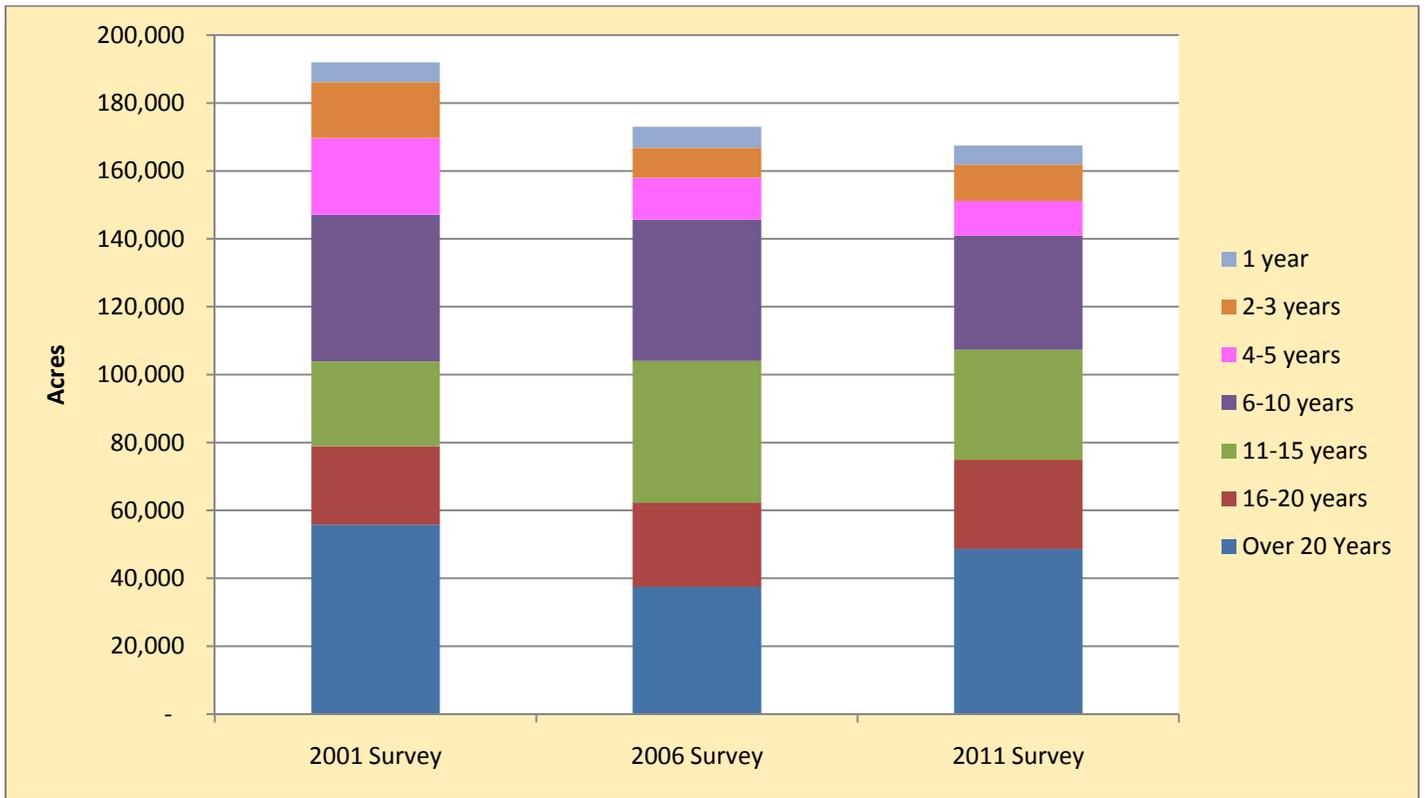
Acres, by Fruit, Washington, Historical Comparisons



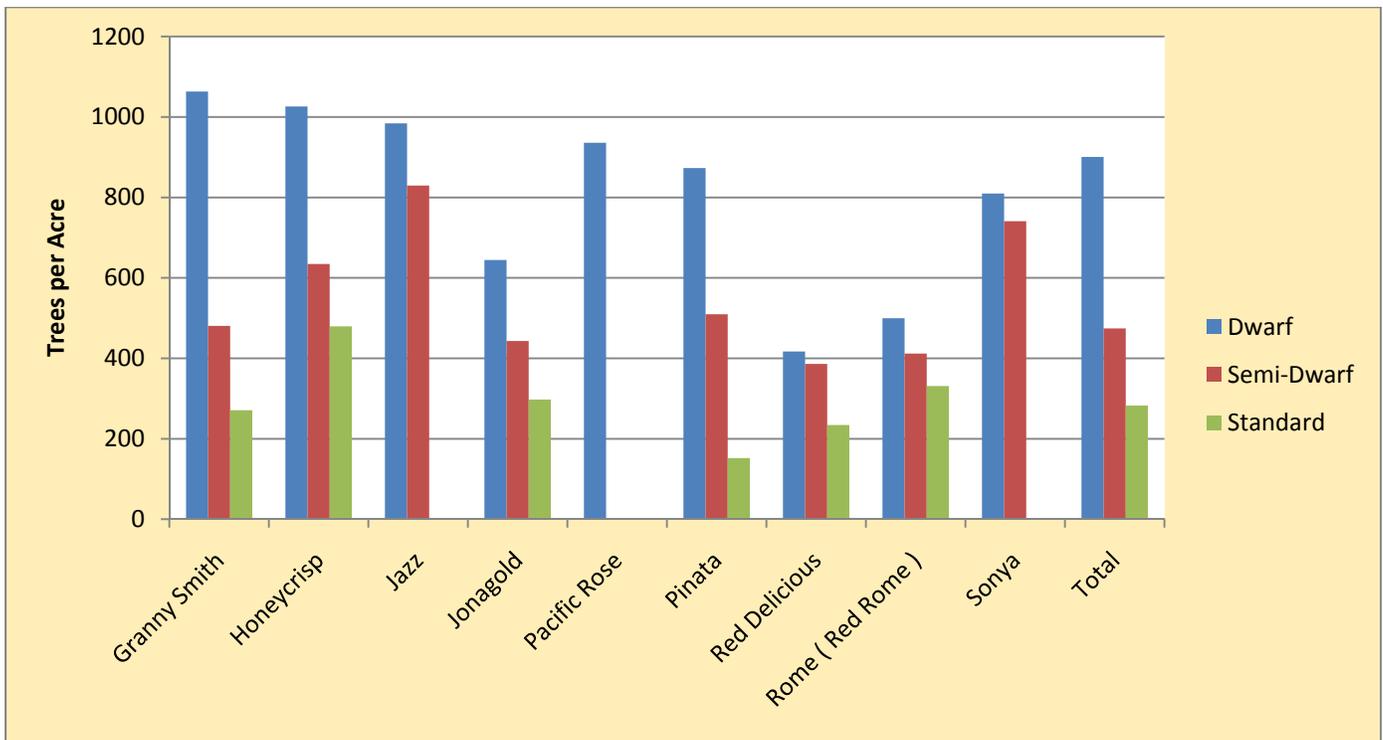
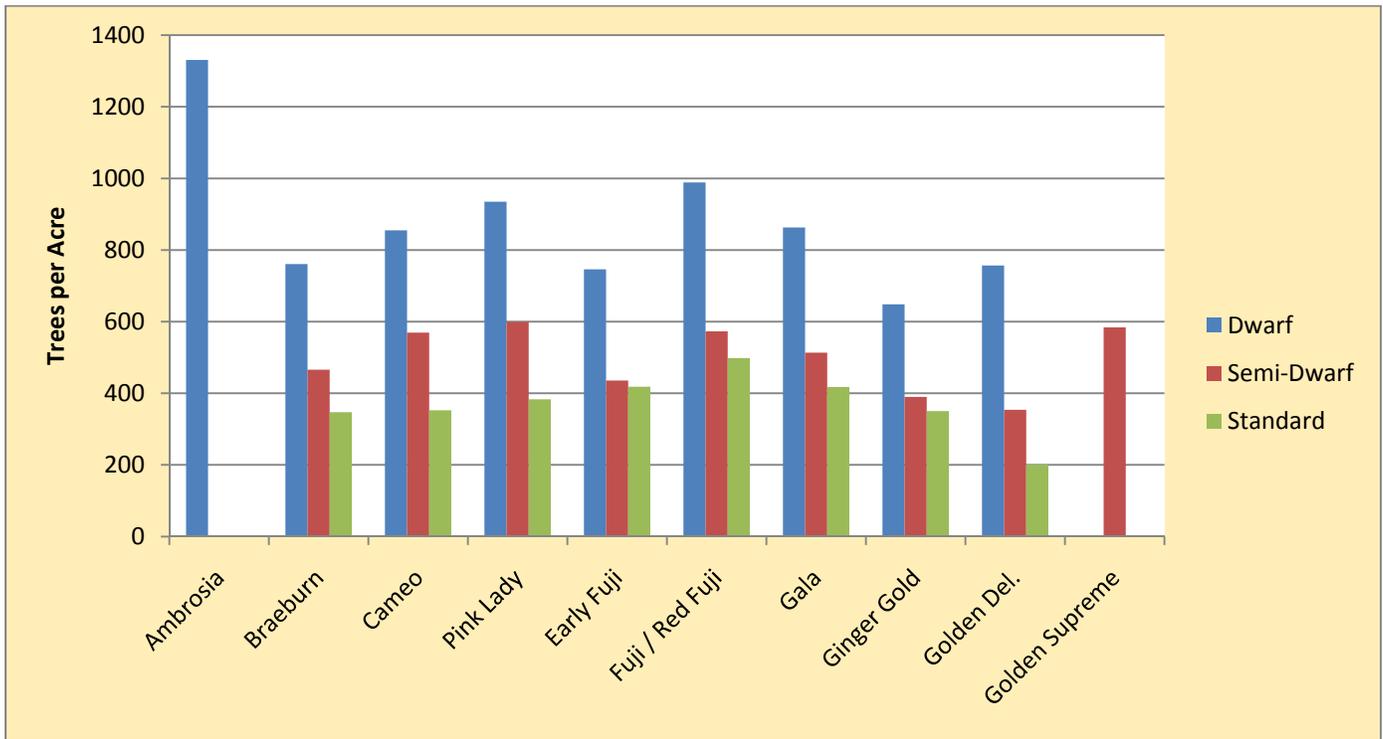
Acres, by Fruit, Washington, Historical Comparisons



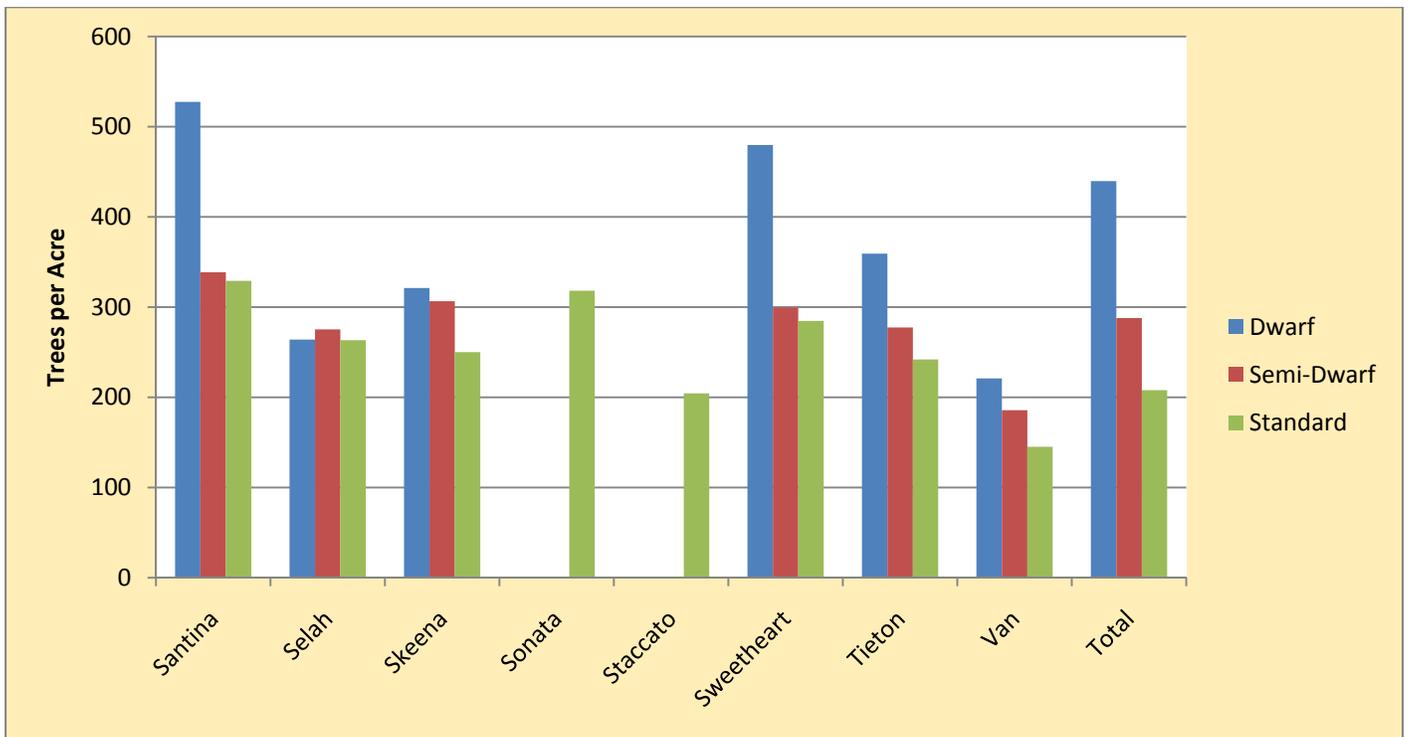
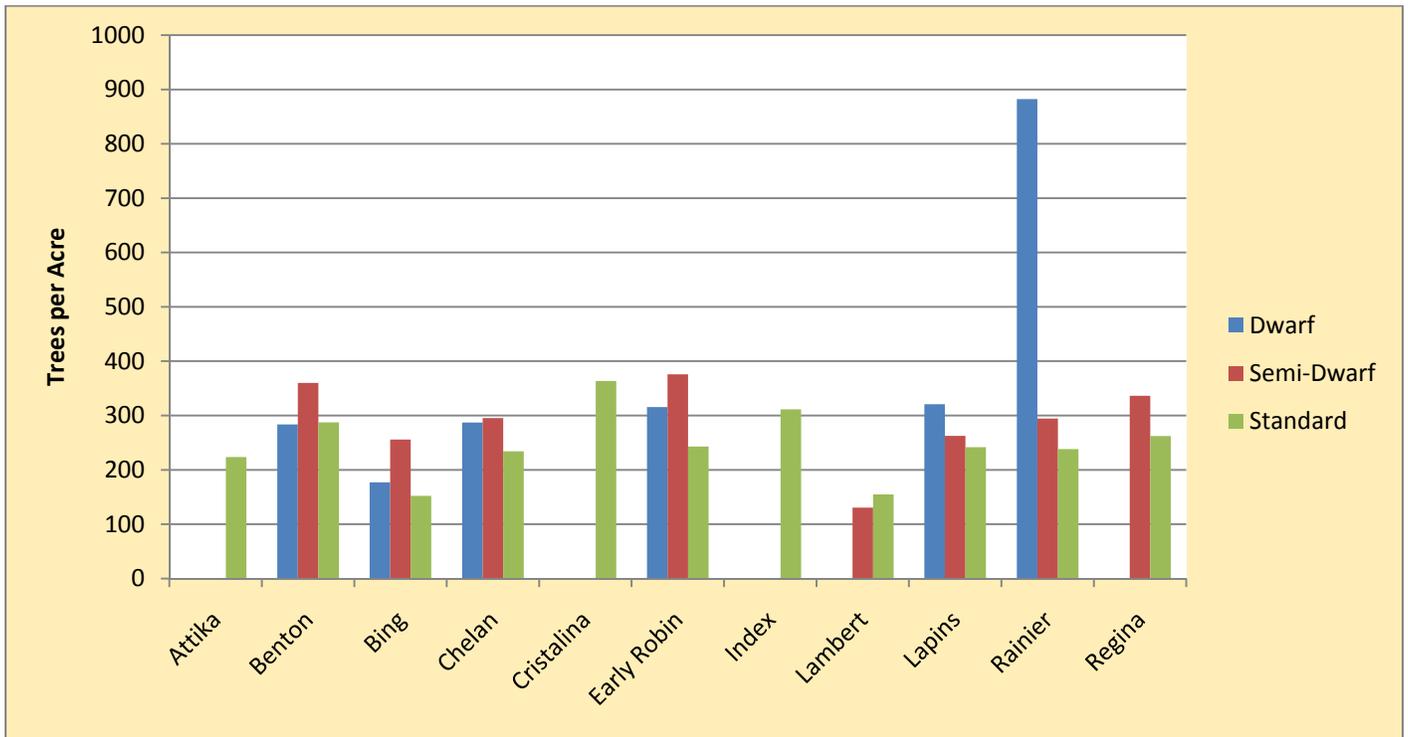
Apples: Acres by Age, 2001, 2006, 2011



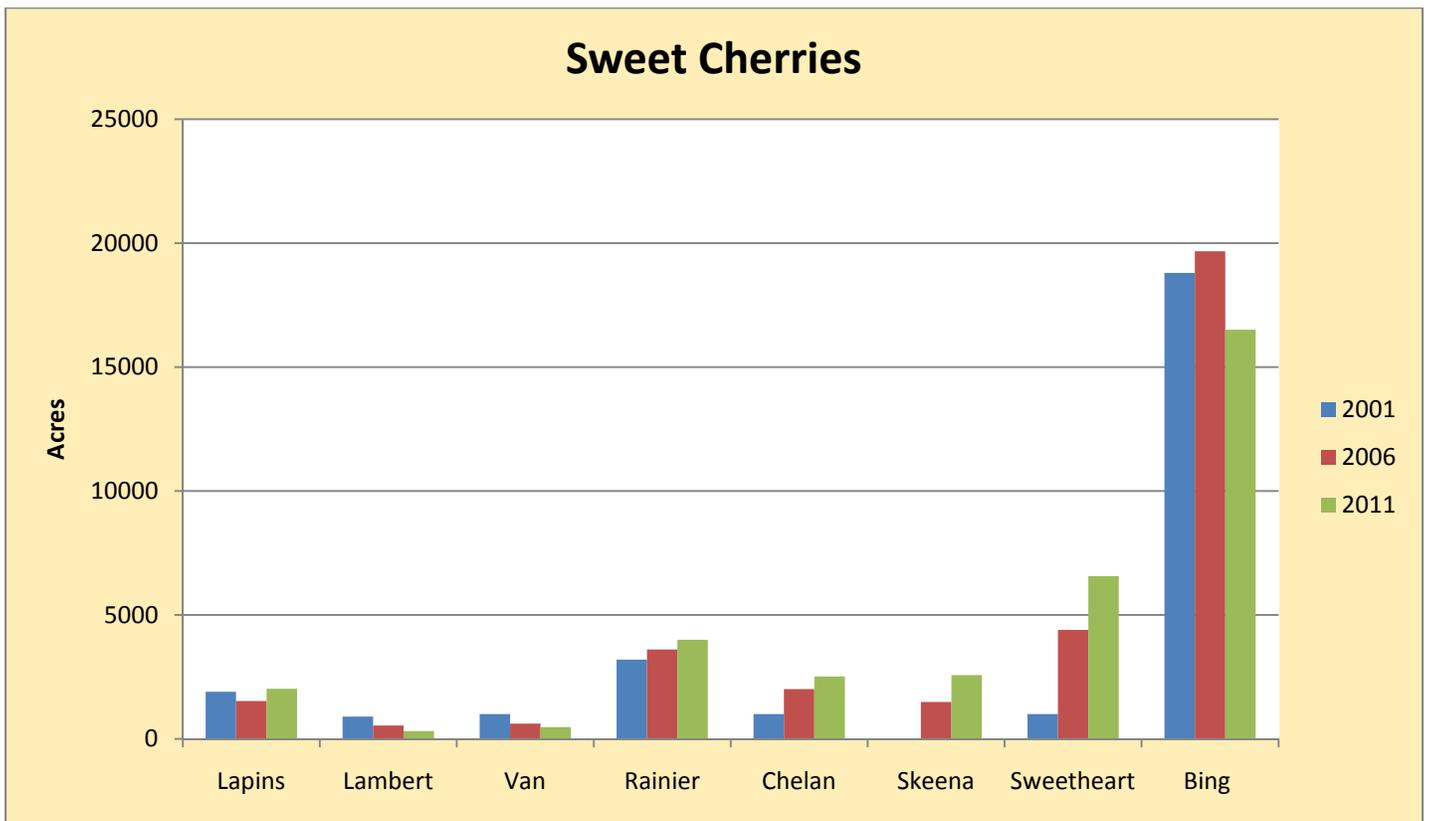
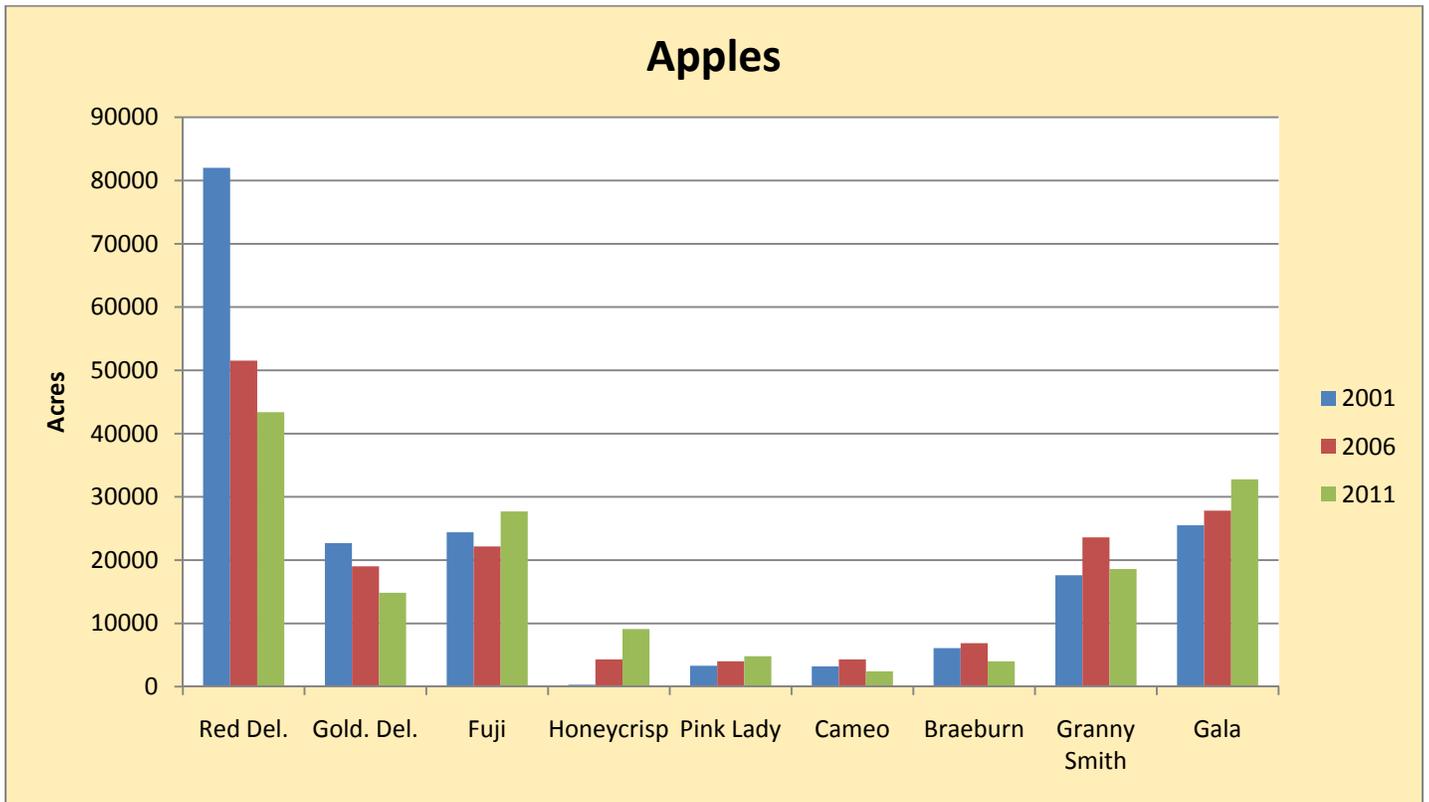
Apples: Density by Rootstock and Variety, January 1, 2011



Sweet Cherries: Density by Rootstock and Variety, January 1, 2011



Apple and Sweet Cherry Acres by Selected Varieties, 2001, 2006, and 2011



Usual Bloom and Harvest Dates, Washington

Area	Usual Dates of Full Bloom	Usual Harvesting Dates		
		Begin	Most Active	Ends
Lower Yakima Valley 1/ Apples	April 25	August 15	September 10-October 25	November 10
Apricots	March 28	July 5	July 5-July 10	July 20
Sweet Cherries	April 15	June 15	June 25-June 30	July 20
Peaches	April 12	July 15	August 20-September 5	September 25
Pears, Bartlett	April 20	August 10	August 15-August 25	August 30
Pears, Other	April 20	September 5	September 20-October 5	October 20
Plums/Prunes	April 20	August 20	August 20-August 25	October 1
Upper Yakima Valley 2/ Apples	April 30	September 1	September 15-October 25	November 1
Apricots	April 5	July 20	July 20-July 25	August 1
Sweet Cherries	April 20	June 25	July 1-July 5	July 30
Pears, Bartlett	April 25	August 15	August 25-September 10	September 25
Pears, Other	April 25	September 10	October 10-October 20	October 30
Prosser-Kennewick Apricots	March 20	June 25	July 5-July 10	July 15
Sweet Cherries	April 10	June 10	June 15-June 20	June 20
Peaches	April 10	July 10	August 10-August 20	August 25
Plums/Prunes	April 15	August 15	August 25-September 5	September 15
North Central River Zone 3/ Apples	April 28	August 10	August 25-October 20	November 10
Apricots	April 5	July 1	July 4-July 20	July 20
Sweet Cherries	April 15	June 2	June 24-July 4	July 10
Peaches	April 15	July 20	August 10-September 10	September 15
Pears, Bartlett	April 17	August 10	August 15-August 25	August 30
Pears, Other	April 17	September 5	September 10-September 20	September 25
North Central Intermediate Zone 4/ Apples	May 5	October 1	October 1-October 10	November 1
Sweet Cherries	April 25	July 1	July 5-July 20	August 1
Pears, Bartlett	April 25	August 15	August 20-August 30	September 5
Pears, Other	April 25	September 10	September 15-October 1	October 10
North Central Upper Zone 5/ Apples	May 10	October 5	October 5-October 10	November 5
Pears, Bartlett	May 5	August 21	September 1-September 5	September 10
Pears, Other	May 5	September 20	September 25-October 5	October 10
Columbia Basin Apples	April 20	August 10	August 25-October 15	October 30
Apricots	April 1	July 1	July 10-July 25	July 30
Sweet Cherries	April 10	June 5	June 10-June 15	July 25
Tart Cherries	April 25	July 1	July 5-July 15	July 20
Peaches	April 10	July 5	July 5-July 30	August 5
Pears, Bartlett	April 15	August 10	August 15-August 30	September 10
Pears, Other	April 20	August 25	September 1-September 20	September 30

1/ Lower Yakima Valley is from Prosser to Union Gap below the City of Yakima.

2/ Upper Yakima Valley is the area around the City of Yakima and extending northwest along the Naches River.

3/ Wenatchee River Zone is the river bottom lands extending from Wenatchee to the Canadian Border.

4/ Wenatchee Intermediate Zone is locations above river bottom lands, such as Cashmere, Entiat, Lake Chelan, Manson, Omak, and Okanogan.

5/ Wenatchee Upper Zone is locations which approach the 2,000 foot elevation mark, such as Peshastin, Leavenworth, Ardenvoir, and Methow Valley.