



OREGON
AGRICULTURAL
STATISTICS
SERVICE

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HAZELNUT TREE REPORT

October 4, 2001
Frequency: Quadrennial

2000-2001 Tree Survey

(Revised)

Fewer Acres but tree numbers higher

For the 2000-01 Hazelnut Tree Survey there were 29,140 acres, 635 fewer than were found for the 1996 survey. Washington state figures were not published to avoid disclosure of individual operations.

Tree numbers increased by about 2.5 percent from the last survey, due mainly to new plantings replacing aging and blight infected orchards. While the acreage declined the total number of trees increased by 95,000.

Hazelnut operations declined again from 739 operations in 96-97 to 681 operations in 2000-01. Operators continue to face an uphill battle with the Eastern Filbert Blight. The blight both destroys trees and reduces production.

Oregon's leading counties, ranked by tree inventory, are Marion, Yamhill, Clackamas, and Washington. Washington numbers declined 6 percent, while Clackamas had a 20 percent increase. Yamhill tree counts were down 16 percent. Marion's tree count increased 10 percent.

Once again Barcelona is the leading variety, accounting for 66 percent of all trees in the ground compared with 72 percent four years ago. Ennis numbers were up 11 percent while Casina was virtually unchanged. The tree of choice for the past four years was the Lewis, which experienced a nearly nine-fold increase.

The Oregon Agricultural Statistics Service extends a special thank you to all hazelnut growers who provided the basic survey information for this report. Appreciation is also extended to the nurserymen who assisted with this project.

Hazelnuts: Commercial operations, acreage and trees, by county, state and survey year ^{1/2}

County and state	1992-93 Survey			1996-97 Survey			2000-01 Survey		
	Operations	Acreage	Trees	Operations	Acreage	Trees	Operations	Acreage	Trees
	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>
Clackamas	97	4,600	629,000	87	4,280	552,000	86	4,205	661,000
Lane	93	3,120	362,500	88	3,120	332,000	97	3,570	396,000
Linn	40	1,270	171,000	36	1,370	175,500	31	1,570	188,000
Marion	169	5,440	692,000	162	5,670	712,000	132	6,085	785,000
Polk	29	2,180	381,000	30	2,190	353,000	27	2,250	367,000
Washington	171	5,490	631,500	140	5,110	564,000	133	4,780	532,000
Yamhill	169	6,330	783,500	159	7,540	918,000	141	6,245	772,000
Other Oregon	41	340	38,500	31	495	53,500	34	435	54,000
Oregon	809	28,770	3,689,000	733	29,775	3,660,000	681	29,140	3,755,000
Washington	17	230	30,000	6	175	25,000			
Total	826	29,000	3,719,000	739	29,950	3,685,000			

¹ Based on surveys conducted during December through March. Includes operations having 50 or more trees.

² Washington totals not published to avoid disclosure of individual operations.

Hazelnuts: Trees, by county, by year planted, Oregon, 2000-01 Survey ^{1/}

County	Trees planted ^{2/}								Share of total Percent
	1901-80	1981-84	1985-88	1989-92	1993-96	1997-98	1999-2000	All years	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	
Clackamas	241,000	120,500	115,000	35,000	40,000	44,500	65,000	661,000	17.6
Lane	220,500	37,000	33,000	34,000	28,000	19,500	24,000	396,000	10.5
Linn	66,000	41,000	28,000	11,000	14,500	25,500	2,000	188,000	5.0
Marion	457,000	110,000	51,500	85,500	56,000	8,000	17,000	785,000	20.9
Polk	205,000	30,000	33,000	45,500	32,500	3,000	18,000	367,000	9.8
Washington	430,500	35,500	26,000	27,500	9,500	500	2,500	532,000	14.2
Yamhill	320,000	121,500	130,500	59,000	99,500	22,000	19,500	772,000	20.6
Other Oregon	29,000	8,500	1,500	6,500	4,000	500	4,000	54,000	1.4
Oregon	1,969,000	504,000	418,500	304,000	284,000	123,500	152,000	3,755,000	100.0
Share of all years	52.4	13.4	11.1	8.1	7.6	3.4	4.0	100.0	--

^{1/} Washington state tree numbers not published to avoid disclosure of individual operations. May not add to totals due to rounding

Hazelnuts: Trees, by variety, by year planted, Oregon, 2000-01 Survey ^{1/}

Variety	Trees planted ^{2/}								Share of total Percent
	1901-80	1981-84	1985-88	1989-92	1993-96	1997-98	1999-2000	All years	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	
Barcelona	1,725,900	349,000	256,300	117,000	19,300	11,900	8,300	2,487,700	66.2
Butler	10,600	13,200	3,700	3,400	4,900	500	0	36,300	1.0
Casina	500	1,600	12,800	91,800	118,700	9,000	200	234,600	6.2
Daviana	113,800	8,300	4,400	2,000	1,900	200	100	130,700	3.5
Ennis	69,100	118,000	133,800	79,100	79,100	25,800	19,100	524,000	14.0
Hall's Giant	5,100	4,800	3,600	6,800	5,000	3,100	1,600	30,000	0.8
Lewis	4,500	700	0	100	9,600	38,900	108,200	162,000	4.3
Willamette	200	5,400	0	1,000	34,200	5,800	12,100	58,700	1.6
Other & unknown	39,300	3,000	3,900	2,800	11,300	28,300	2,400	90,000	2.4
Total	1,969,000	504,000	418,500	304,000	284,000	123,500	152,000	3,755,000	100.0

^{1/} Washington state tree numbers not published to avoid disclosure of individual operations.

^{2/} 1901-1996 revised based on current data.

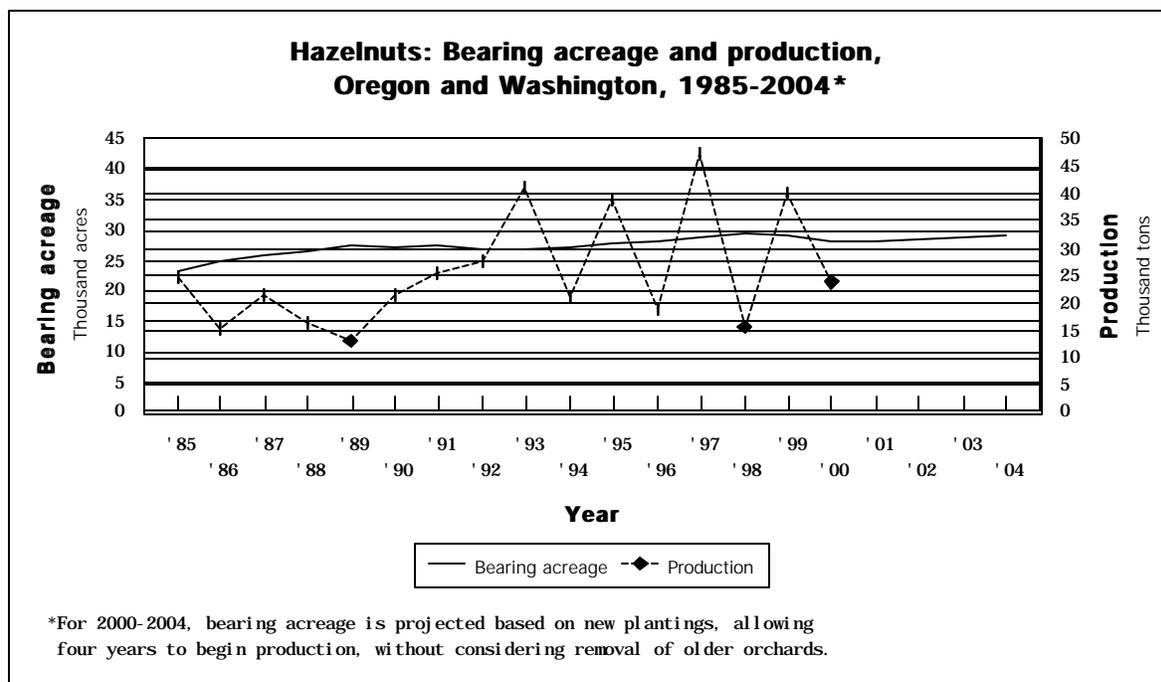
^{3/} Minor tree numbers included in "Other & unknown."

Hazelnuts: Trees, by county, by variety, Oregon, 2000-01 Survey ^{1/}

County	Barcelona	Butler	Casina	Daviana	Ennis	Hall's Giant	Lewis	Willamette	Other & unknown
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Clackamas	405,000	3,900	29,000	15,900	69,500	5,200	86,500	10,000	36,000
Lane	235,800	3,700	15,100	17,000	98,200	6,100	3,500	7,300	9,300
Linn	91,400	1,500	6,000	4,500	56,200	1,600	11,500	6,500	8,800
Marion	522,100	7,900	50,300	23,900	139,300	8,200	8,000	12,700	12,600
Polk	235,600	2,200	57,600	18,000	30,500	1,900	15,500	2,700	3,000
Washington	454,800	1,800	22,800	28,100	6,000	1,200	4,200	200	12,900
Yamhill	517,500	12,700	47,400	22,000	118,000	4,700	22,800	18,800	8,100
Other Oregon	25,500	2,600	6,400	1,300	6,300	1,100	10,000	500	300
Oregon	2,487,700	36,300	234,600	130,700	524,000	30,000	162,000	58,700	91,000

¹ Washington state tree numbers not published to avoid disclosure of individual operations.

² Minor tree numbers included in "Other & unknown."



Hazelnut: Acreage, yield, production, price and value, by state, 1930-00

Year	Oregon					Washington				
	Bearing Acreage	Yield per acre	Harvested production	Price per ton	Value of production	Bearing acreage	Yield per acre	Harvested production	Price per ton	Value of production
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Thousand Dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Thousand Dollars</i>
1930	2,500	0.12	300	340.00	102	380	--	--	--	--
1935	5,600	0.20	1,100	260.00	286	760	0.18	140	285.00	40
1940	9,300	0.29	2,700	240.00	648	1,650	0.31	510	300.00	153
1945	14,400	0.31	4,500	550.00	2,475	2,310	0.35	820	558.00	458
1950	23,100	0.23	5,350	350.00	1,872	2,300	0.19	440	354.00	156
1955	18,900	0.39	7,400	420.00	3,108	1,800	0.17	310	422.00	131
1960	17,600	0.48	8,400	420.00	3,528	1,500	0.37	550	422.00	232
1965	15,700	0.46	7,300	450.00	3,285	1,100	0.40	440	452.00	199
1970	15,800	0.55	8,750	570.00	4,988	500	1.02	510	571.00	291
1975	17,400	0.68	11,800	610.00	7,198	400	0.80	320	595.00	190
1980	21,600	0.70	15,100	1,151.00	17,386	400	0.75	300	1,181.00	354
1981	21,600	0.67	14,400	786.00	11,318	400	0.75	300	770.00	231
1982	21,600	0.85	18,400	680.00	12,512	400	1.00	400	677.00	271
1983	20,900	0.38	8,000	554.00	4,432	400	0.50	200	720.00	144
1984	21,600	0.61	13,200	617.00	8,144	400	0.50	200	875.00	175
1985	22,900	1.06	24,300	677.00	16,451	400	0.75	300	957.00	287
1986	24,500	0.61	14,900	724.00	10,788	400	0.50	200	895.00	179
1987	25,400	0.85	21,500	956.00	20,554	400	0.75	300	1,160.00	348
1988	26,100	0.62	16,300	853.00	13,904	400	0.50	200	891.00	178
1989	27,100	0.47	12,800	817.00	10,458	360	0.56	200	1,030.00	206
1990	27,000	0.80	21,500	783.00	16,835	300	0.67	200	880.00	176
1991	27,200	0.93	25,300	726.00	18,368	270	0.74	200	755.00	151
1992	26,800	1.03	27,500	552.00	15,180	230	0.87	200	620.00	124
1993	26,700	1.53	40,800	633.00	25,826	230	0.87	200	685.00	137
1994	27,200	0.77	21,000	834.00	17,514	200	0.50	100	900.00	90
1995	27,600	1.41	38,800	913.00	35,424	200	1.00	200	935.00	187
1996	28,200	0.67	18,900	837.00	15,819	150	0.67	100	900.00	90
1997	28,600	1.63	46,650	899.00	41,938	400	0.88	350	940.00	329
1998	29,100	0.53	15,400	964.00	14,846	430	0.23	100	960.00	96
1999	28,800	1.38	39,700	890.00	35,333	400	.75	300	900.00	270
2000	28,300	0.79	22,300	890.00	19,847	350	0.57	200	960.00	192

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