

# HOPS

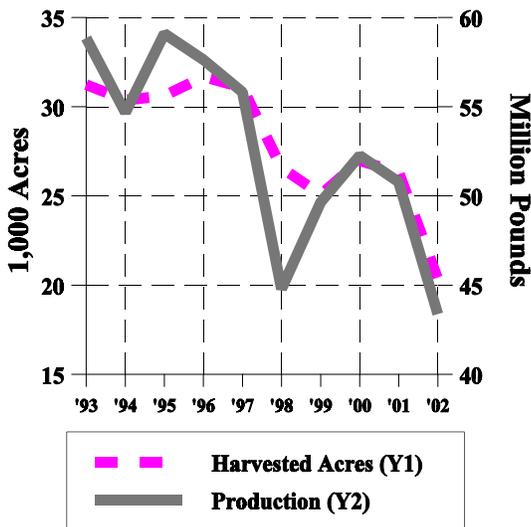
Hops production for 2002 in Washington was 43.4 million pounds, down 15 percent from 2001, and 17 percent below the 2000 level of 52.3 million pounds. Harvested acres totaled 20,333, a 6,006 acre decrease from 2001. The state average yield for 2002, at 2,133 pounds per acre, was 2,005 pounds higher than in 2001, and 196 pounds more than 2000.

Washington produced nearly three-fourths of the total U.S. 2002 production, with Columbus/Tomahawk, Zeus and Galena as the top three varieties. Washington growers harvested only 1,288 acres of the Nuggets in 2002, a decline of 2,821 acres from 2001. Cascade, Millenium and Williamette acreages showed moderate increases.

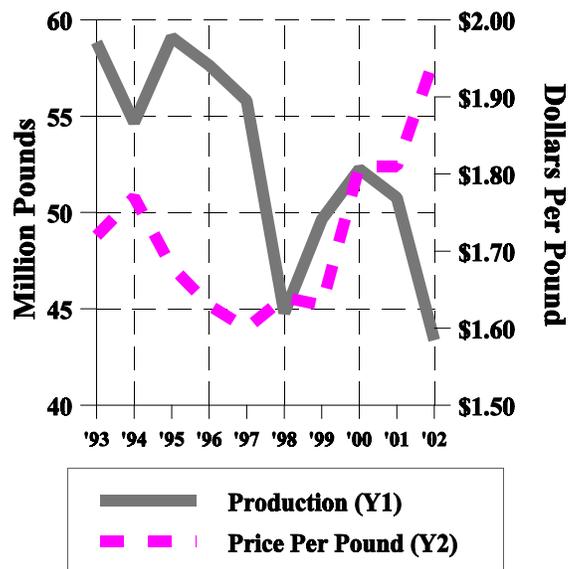
**Hops: Acreage, Yield, Production, Price, & Value, Washington, 1993-2002**

Year	Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price	Value of Production	Value Per Harvested Acre
	Acres	Pounds	1,000 Pounds	\$ Per Pound	1,000 Dollars	Dollars
1993	31,239	1,884	58,849.0	1.72	101,220	3,240
1994	30,375	1,800	54,675.0	1.77	96,775	3,186
1995	30,621	1,930	59,101.0	1.68	99,290	3,243
1996	31,678	1,820	57,640.0	1.63	93,953	2,966
1997	31,080	1,796	55,816.0	1.60	89,306	2,873
1998	26,573	1,686	44,791.0	1.64	73,457	2,764
1999	25,076	1,980	49,650.0	1.63	80,930	3,227
2000	26,980	1,937	52,260.0	1.81	94,591	3,506
2001	26,339	1,928	50,779.6	1.81	91,911	3,495
2002	20,333	2,133	43,379.0	1.95	84,589	4,167

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## Hops Stocks, United States, 1994-2003

Year	March 1			September 1		
	Stocks Held By: 1/		Total Stocks	Stocks Held By: 1/		Total Stocks
	Growers 2/ and Dealers	Brewers		Growers 2/ and Dealers	Brewers	
	<b>1,000 Pounds</b>					
1994	32,670	58,220	90,890	15,930	47,070	63,000
1995	31,400	57,940	89,340	13,100	42,800	55,900
1996	25,500	55,900	81,400	11,700	47,000	58,700
1997	26,000	53,000	79,000	17,500	44,500	62,000
1998	25,000	50,500	75,500	14,000	41,000	55,000
1999	25,000	50,000	75,000	14,500	39,500	54,000
2000	21,000	43,500	64,500	10,500	37,500	48,000
2001	22,500	44,500	67,000	16,000	38,000	54,000
2002	45,000	44,000	89,000	30,000	35,000	65,000
<b>2003</b>	<b>41,000</b>	<b>41,000</b>	<b>82,000</b>	<b>34,000</b>	<b>35,000</b>	<b>69,000</b>

1/ Includes equivalent pounds of dry hops held in form of extract or pellets.

2/ Included in dealers' stocks to avoid disclosure of individual operations; includes growers' stocks held in extract form.

## Hops: Acreage, Yield, & Production, By Variety, Washington, 2001-2002

Variety	2001			2002		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	Acres	Pounds	1,000 Pounds	Acres	Pounds	1,000 Pounds
Cascade	1,003	1,785	1,790.4	1,216	1,747	2,125.6
Chelan	317	1,809	573.5	295	2,211	652.2
Chinook	535	1,717	918.6	422	1,902	802.6
Cluster	534	1,958	1,045.6	480	1,996	958.1
Columbus/Tomahawk	4,915	2,493	12,253.1	3,663	2,876	10,534.8
Galena	4,375	1,679	7,345.6	3,239	1,905	6,171.3
Golding	45	1,231	55.4	26	1,188	30.9
Hallertauer	76	968	73.7	76	1,193	90.7
Horizon	339	1,224	414.9	337	1,400	474.8
Magnum	42	1,424	59.8	-	-	-
Millenium	1,382	2,037	2,815.1	1,455	2,349	3,417.8
Mt. Hood	333	1,130	376.3	107	1,272	136.1
Northern Brewer	97	1,284	124.5	97	1,992	193.2
Nugget	4,109	1,968	8,086.5	1,288	2,095	2,694.5
Perle	209	1,083	226.3	124	969	120.2
Tettnanger	60	1,058	63.5	48	1,277	61.3
Tillicum	369	1,836	677.5	194	2,075	402.6
Vanguard	54	1,372	74.1	-	-	-
Willamette	3,571	1,309	4,674.4	3,639	1,381	5,025.5
YCR-5 (WarriorTM)	1,370	1,949	2,670.1	988	2,993	2,099.5
Zeus	2,186	2,669	5,834.4	2,265	1,618	6,779.1
Other Varieties	418	1,499	626.4	374	2,133	605.3
<b>TOTAL</b>	<b>26,339</b>	<b>1,928</b>	<b>50,779.6</b>	<b>20,333</b>	<b>1,990</b>	<b>43,379.0</b>

\* Included in "Other Varieties" to avoid disclosure of individual operations.