



National Hop Report

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2011 Hop Production Down One Percent From Last Year

Production for Idaho, Oregon, and Washington in 2011 totaled 64.8 million pounds, down 1 percent from the 2010 crop of 65.5 million pounds. Idaho's production increased 10 percent in 2011. Production in Washington and Oregon decreased 2 percent and 3 percent, respectively. Acreage decreased in all three States; 4 percent in Washington, 9 percent in Oregon, and 3 percent in Idaho. However, yields increased in each State. United States yield, at 2,175 pounds per acre, increased 82 pounds from a year ago.

Washington growers produced 79 percent of the United States hop crop in 2011. Zeus, Columbus/Tomahawk, Cascade, and Super Galena were the leading varieties in Washington, accounting for 49 percent of the State's hop production. In Oregon, Nugget and Willamette were the major varieties, accounting for 58 percent of the State's hop production.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2009-2011

State and year	Area harvested	Yield per acre	Production	Price per pound	Value of production
	(acres)	(pounds)	(1,000 pounds)	(dollars)	(1,000 dollars)
Idaho					
2009	4,030	1,943	7,829.1	3.75	29,359
2010	2,331	2,129	4,962.6	3.89	19,305
2011	2,265	2,408	5,454.1	2.72	14,835
Oregon					
2009	6,108	1,948	11,896.7	3.63	43,185
2010	4,622	1,791	8,277.6	3.96	32,779
2011	4,202	1,908	8,019.4	2.93	23,497
Washington					
2009	29,588	2,533	74,952.1	3.54	265,330
2010	24,336	2,147	52,252.4	3.11	162,505
2011	23,320	2,200	51,308.1	2.75	141,097
United States					
2009	39,726	2,383	94,677.9	3.57	337,874
2010	31,289	2,093	65,492.6	3.28	214,589
2011	29,787	2,175	64,781.6	2.77	179,429

Hop Area Harvested and Yield by Variety – States and United States: 2009-2011

State and variety	Area harvested			Yield per acre		
	2009	2010	2011	2009	2010	2011
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho ¹	4,030	2,331	2,265	1,943	2,129	2,408
Oregon						
Cascade	152	122	263	1,741	1,680	1,616
Liberty	(D)	(D)	108	(D)	(D)	1,326
Magnum	(D)	(D)	64	(D)	(D)	1,928
Millennium	344	(D)	(D)	2,552	(D)	(D)
Mt. Hood	158	188	214	1,671	1,640	1,890
Nugget	1,773	1,356	1,438	2,548	2,119	2,317
Perle	(D)	(D)	98	(D)	(D)	1,622
Sterling	101	87	86	1,684	1,644	1,915
Super Galena ^R	177	134	241	2,563	2,421	2,263
Tetnanger	(D)	(D)	70	(D)	(D)	1,634
Willamette	2,469	1,452	779	1,561	1,535	1,716
Other varieties ²	934	1,283	841	1,601	1,711	1,511
Total	6,108	4,622	4,202	1,948	1,791	1,908
Washington						
Apollo ^R	747	827	885	2,941	2,778	2,758
Bravo ^R	335	414	593	2,397	2,566	2,609
Cascade	2,019	1,728	2,108	2,120	1,905	1,955
Centennial	298	357	641	1,490	1,791	1,403
Chelan	762	(D)	(D)	2,680	(D)	(D)
Chinook	384	443	572	1,819	1,963	1,718
Citra TM	98	113	239	836	1,930	1,812
Cluster	501	392	482	2,370	2,060	2,019
Columbus/Tomahawk ^R	4,858	3,401	2,947	2,790	2,350	2,519
Galena	2,412	1,920	1,415	1,852	1,810	1,821
Glacier	70	61	44	2,093	1,943	2,182
Golding	42	(D)	(D)	826	(D)	(D)
Millennium	557	555	403	2,465	2,185	2,562
Mt. Hood	96	62	95	1,570	1,211	838
Northern Brewer	92	94	159	753	1,270	1,698
Nugget	1,028	829	861	2,060	1,808	1,969
Simcoe	183	237	495	2,137	1,698	1,779
Super Galena ^R	839	886	990	3,186	2,622	3,041
Willamette	2,719	1,734	894	1,455	1,350	1,510
YCR-4(Palisade ^R)	351	373	308	2,756	2,431	2,562
YCR-5(Warrior ^R)	301	296	260	2,110	1,778	2,061
Zeus	6,544	4,440	4,159	3,387	2,678	2,572
Other varieties ²	4,352	5,174	4,770	2,417	1,968	1,987
Total	29,588	24,336	23,320	2,533	2,147	2,200
United States	39,726	31,289	29,787	2,383	2,093	2,175

(D) Withheld to avoid disclosing data for individual operations.

^R Registered
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¹ Only State totals published for Idaho to avoid disclosure of individual operations.

² Includes data withheld to avoid disclosure of individual operations and varieties not listed.

Hop Production by Variety – States and United States: 2009-2011

State and variety	Production		
	2009 (1,000 pounds)	2010 (1,000 pounds)	2011 (1,000 pounds)
Idaho ¹	7,829.1	4,962.6	5,454.1
Oregon			
Cascade	264.6	205.0	425.0
Liberty	(D)	(D)	143.2
Magnum	(D)	(D)	123.4
Millennium	877.9	(D)	(D)
Mt. Hood	264.0	308.3	404.5
Nugget	4,517.1	2,873.2	3,332.1
Perle	(D)	(D)	159.0
Sterling	170.1	143.0	164.7
Super Galena ^R	453.7	324.4	545.5
Tetnanger	(D)	(D)	114.4
Willamette	3,853.9	2,228.3	1,337.0
Other varieties ²	1,495.4	2,195.4	1,270.6
Total	11,896.7	8,277.6	8,019.4
Washington			
Apollo ^R	2,196.9	2,297.4	2,440.4
Bravo ^R	803.0	1,062.3	1,547.2
Cascade	4,280.3	3,291.8	4,121.3
Centennial	444.0	639.4	899.4
Chelan	2,042.2	(D)	(D)
Chinook	698.5	869.6	982.8
Citra TM	81.9	218.1	433.1
Cluster	1,187.4	807.5	973.3
Columbus/Tomahawk ^R	13,553.8	7,992.4	7,422.4
Galena	4,467.0	3,475.2	2,576.2
Glacier	146.5	118.5	96.0
Golding	34.7	(D)	(D)
Millennium	1,373.0	1,212.7	1,032.4
Mt. Hood	150.7	75.1	79.6
Northern Brewer	69.3	119.4	270.0
Nugget	2,117.7	1,498.8	1,695.1
Simcoe	391.1	402.4	880.8
Super Galena ^R	2,673.1	2,323.1	3,010.6
Willamette	3,956.1	2,340.9	1,350.0
YCR-4(Palisade ^R)	967.4	906.8	789.1
YCR-5(Warrior ^R)	635.1	526.3	535.9
Zeus	22,164.5	11,890.3	10,695.9
Other varieties ²	10,517.9	10,184.4	9,476.6
Total	74,952.1	52,252.4	51,308.1
United States ³	94,677.9	65,492.6	64,781.6

(D) Withheld to avoid disclosing data for individual operations.

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¹ Only State totals published for Idaho to avoid disclosure of individual operations.

² Includes data withheld to avoid disclosure of individual operations and varieties not listed.

³ Production that was reported as destroyed after harvest is included in the total for 2009, however the destroyed amount is not published separately to avoid disclosure of individual operations.

Statistical Methodology

Survey Procedures: Grower surveys are conducted in the three estimating States to collect acreage, yield, and production data from growers. Additionally, contacts are made with each of the three Hop Commissions.

Estimating Procedures: Information obtained from the hops growers surveys are used to establish estimates of hops. These estimates are reviewed for errors, reasonableness, and consistency with historical estimates and industry check data.

Revision Policy: All hop estimates are subject to revision the following year based on a thorough review of all available data.

Reliability: Survey results are subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

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Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mints, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans	(202) 720-3250
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Erika White – Floriculture, Maple Syrup, Nursery, Tree Nuts	(202) 720-4215

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