



National Hop Report

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2010 Hop Production Down 31 Percent

Hop production for Idaho, Oregon, and Washington in 2010 totaled 65.5 million pounds, down 31 percent from the 2009 crop of 94.7 million pounds. Idaho's production dropped 37 percent in 2010. Production declined 30 percent from last year in both Washington and Oregon. Acreage decreased in all three States; 42 percent in Idaho, 24 percent in Oregon, and 18 percent in Washington. Yields increased from a year ago in Idaho to 2,129 pounds per acre but decreased to 1,791 and 2,147 pounds per acre in Oregon and Washington, respectively.

Washington growers accounted for 80 percent of the United States hop production for 2010. Zeus and Columbus/Tomahawk were the leading varieties in Washington, accounting for 38 percent of the State's hop production. In Oregon, Nugget and Willamette were the major varieties, accounting for 62 percent of the State's hop production.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2008-2010

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					
2008	3,933	1,841	7,239.8	4.00	28,959
2009	4,030	1,943	7,829.1	3.75	29,359
2010	2,331	2,129	4,962.6	3.30	16,377
Oregon					
2008	6,370	1,569	9,997.6	3.75	37,491
2009	6,108	1,948	11,896.7	3.63	43,185
2010	4,622	1,791	8,277.6	3.78	31,289
Washington					
2008	30,595	2,072	63,392.7	4.08	258,642
2009	29,588	2,533	74,952.1	3.54	265,330
2010	24,336	2,147	52,252.4	3.08	160,937
United States					
2008	40,898	1,971	80,630.1	4.03	325,092
2009	39,726	2,383	94,677.9	3.57	337,874
2010	31,289	2,093	65,492.6	3.19	208,603

Hop Area Harvested and Yield by Variety – States and United States: 2008-2010

State and variety	Area harvested			Yield per acre		
	2008	2009	2010	2008	2009	2010
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho ¹	3,933	4,030	2,331	1,841	1,943	2,129
Oregon						
Cascade	76	152	122	1,068	1,741	1,680
Golding	135	(D)	(D)	1,307	(D)	(D)
Millennium	343	344	(D)	2,179	2,552	(D)
Mt. Hood	186	158	188	1,552	1,671	1,640
Nugget	2,135	1,773	1,356	1,758	2,548	2,119
Sterling	95	101	87	1,667	1,684	1,644
Super Galena ^R	(D)	177	134	(D)	2,563	2,421
Willamette	2,593	2,469	1,452	1,539	1,561	1,535
Other varieties ²	807	934	1,283	995	1,601	1,711
Total	6,370	6,108	4,622	1,569	1,948	1,791
Washington						
Apollo ^R	698	747	827	2,229	2,941	2,778
Bravo ^R	222	335	414	2,340	2,397	2,566
Cascade	2,073	2,019	1,728	1,781	2,120	1,905
Centennial	253	298	357	1,452	1,490	1,791
Chelan	739	762	(D)	2,178	2,680	(D)
Chinook	285	384	443	1,775	1,819	1,963
Citra TM	(D)	98	113	(D)	836	1,930
Cluster	420	501	392	2,038	2,370	2,060
Columbus/Tomahawk ^R	4,891	4,858	3,401	2,585	2,790	2,350
Galena	2,584	2,412	1,920	1,826	1,852	1,810
Glacier	56	70	61	1,795	2,093	1,943
Golding	38	42	(D)	1,385	826	(D)
Millennium	716	557	555	2,440	2,465	2,185
Mt. Hood	29	96	62	1,572	1,570	1,211
Northern Brewer	(D)	92	94	(D)	753	1,270
Nugget	1,086	1,028	829	2,068	2,060	1,808
Simcoe	129	183	237	1,758	2,137	1,698
Super Galena ^R	793	839	886	2,104	3,186	2,622
Willamette	4,664	2,719	1,734	1,351	1,455	1,350
YCR-4(Palisade ^R)	307	351	373	2,091	2,756	2,431
YCR-5(Warrior ^R)	394	301	296	1,846	2,110	1,778
Zeus	6,779	6,544	4,440	2,618	3,387	2,678
Other varieties ²	3,439	4,352	5,174	1,576	2,417	1,968
Total	30,595	29,588	24,336	2,072	2,533	2,147
United States ³	40,898	39,726	31,289	1,971	2,383	2,093

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

^R Registered

TM Trademark

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 Strung acreage left unharvested in 2009 totaled 1,030 acres.

Hop Production by Variety – States and United States: 2008-2010

State and variety	Production		
	2008	2009	2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Idaho ¹	7,239.8	7,829.1	4,962.6
Oregon			
Cascade	81.2	264.6	205.0
Golding	176.4	(D)	(D)
Millennium	747.4	877.9	(D)
Mt. Hood	288.6	264.0	308.3
Nugget	3,753.2	4,517.1	2,873.2
Sterling	158.4	170.1	143.0
Super Galena ^R	(D)	453.7	324.4
Willamette	3,989.6	3,853.9	2,228.3
Other varieties ²	802.8	1,495.4	2,195.4
Total	9,997.6	11,896.7	8,277.6
Washington			
Apollo ^R	1,555.8	2,196.9	2,297.4
Bravo ^R	519.5	803.0	1,062.3
Cascade	3,692.0	4,280.3	3,291.8
Centennial	367.4	444.0	639.4
Chelan	1,609.5	2,042.2	(D)
Chinook	505.9	698.5	869.6
Citra TM	(D)	81.9	218.1
Cluster	856.0	1,187.4	807.5
Columbus/Tomahawk ^R	12,643.2	13,553.8	7,992.4
Galena	4,718.4	4,467.0	3,475.2
Glacier	100.5	146.5	118.5
Golding	52.6	34.7	(D)
Millennium	1,747.0	1,373.0	1,212.7
Mt. Hood	45.6	150.7	75.1
Northern Brewer	(D)	69.3	119.4
Nugget	2,245.8	2,117.7	1,498.8
Simcoe	226.8	391.1	402.4
Super Galena ^R	1,668.5	2,673.1	2,323.1
Willamette	6,301.1	3,956.1	2,340.9
YCR-4(Palisade ^R)	641.9	967.4	906.8
YCR-5(Warrior ^R)	727.3	635.1	526.3
Zeus	17,747.4	22,164.5	11,890.3
Other varieties ²	5,420.5	10,517.9	10,184.4
Total	63,392.7	74,952.1	52,252.4
United States ³	80,630.1	94,677.9	65,492.6

(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

Lance Honig, Chief, Crops Branch	(202) 720-2127
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Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries.....	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco	(202) 720-4288
Dawn Keen – Floriculture, Maple Syrup, Nursery, Tree Nuts	(202) 720-4215
Jorge Garcia-Pratts – Citrus, Coffee, Grapes, Tropical Fruits	(202) 720-5412
Tierra Mobley – Berries, Cranberries, Potatoes, Sweet Potatoes	(202) 720-4285
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mints, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans	(202) 720-3250
Kim Ritchie – Hops.....	(360) 709-2400

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