



National Hop Report

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2014 Hop Production Up 3 Percent From Last Year

Production for Idaho, Oregon, and Washington in 2014 totaled 71.0 million pounds, up 3 percent from the 2013 crop of 69.2 million pounds. Production increased 18 percent in Idaho, decreased 4 percent in Oregon, and increased 2 percent in Washington. Acreage increased in all three States with a 12 percent gain in Oregon and Idaho, and a 6 percent increase in Washington. Yield decreased in Oregon and Washington, but increased in Idaho. The United States yield at 1,868 pounds per acre, decreased 94 pounds from a year ago.

Washington growers produced 79 percent of the United States hop crop for 2014. Zeus, Cascade, Summit, and Columbus/Tomahawk were the leading varieties in Washington, accounting for 50 percent of the State's hop crop. In Oregon, Nugget and Cascade were the major varieties, accounting for 49 percent of the State's hop production. In Idaho, Zeus and Cascade were the major varieties, accounting for 48 percent of the State's hop production.

The preliminary 2014 value of production of the United States hop crop is 272 million dollars, up 17 percent from the revised 2013 value of 232 million dollars.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2012-2014

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					
2012	2,596	1,841	4,778.2	2.69	12,853
2013	3,356	1,740	5,837.9	2.62	15,295
2014	3,743	1,847	6,913.8	2.75	19,013
Oregon					
2012	4,391	1,746	7,667.6	3.91	29,980
2013	4,835	1,764	8,530.5	3.76	32,075
2014	5,410	1,520	8,221.0	4.34	35,679
Washington					
2012	22,696	2,047	46,465.6	3.10	144,043
2013	27,097	2,025	54,877.7	3.37	184,938
2014	28,858	1,936	55,861.1	3.89	217,300
United States					
2012	29,683	1,985	58,911.4	3.17	186,876
2013	35,288	1,962	69,246.1	3.35	232,308
2014	38,011	1,868	70,995.9	3.83	271,992

Hop Area Harvested and Yield by Variety – States and United States: 2012-2014

State and variety	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho ¹						
Apollo ^R	(D)	291	285	(D)	2,230	2,004
Bravo ^R	(D)	136	126	(D)	2,430	2,579
Cascade	(D)	628	821	(D)	1,224	1,746
Centennial	(D)	57	74	(D)	1,004	754
Chinhook	(D)	324	344	(D)	1,801	1,673
Citra TM	(D)	19	91	(D)	1,011	1,200
Crystal	-	-	29	-	-	2,186
El Dorado ^R	(D)	14	63	(D)	971	1,144
Simcoe	-	-	67	-	-	969
Super Galena ^R	(D)	275	161	(D)	2,201	2,165
Zeus	(D)	548	662	(D)	3,049	2,891
Experimental	(D)	5	41	(D)	2,800	1,366
Other varieties ²	(D)	1,059	979	(D)	1,063	1,354
Total	2,596	3,356	3,743	1,841	1,740	1,847
Oregon						
Cascade	346	423	961	1,802	1,483	1,402
Centennial	208	249	443	1,779	1,585	1,095
Fuggle	(D)	91	(D)	(D)	827	(D)
Golding	(D)	194	234	(D)	1,148	955
Liberty	83	(D)	(D)	1,527	(D)	(D)
Magnum	58	104	176	2,519	1,406	1,077
Mt. Hood	226	221	269	1,737	1,567	1,450
Nugget	1,570	1,667	1,363	1,897	2,053	1,978
Perle	(D)	55	100	(D)	1,178	1,057
Sterling	(D)	122	130	(D)	1,621	1,423
Super Galena ^R	175	204	125	2,763	1,852	2,309
Tettnanger	61	(D)	(D)	1,493	(D)	(D)
Willamette	905	553	564	1,663	1,491	1,453
Experimental	(D)	35	(D)	(D)	1,734	(D)
Other varieties ²	759	917	1,045	1,253	1,931	1,426
Total	4,391	4,835	5,410	1,746	1,764	1,520

See footnote(s) at end of table.

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Hop Area Harvested and Yield by Variety – States and United States: 2012-2014 (continued)

State and variety	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Washington						
ADHA-483 Azacca TM	-	-	79	-	-	1,704
ADHA-881 Jarrylo TM	-	-	75	-	-	1,548
Ahtanum TM	176	211	194	1,489	1,647	1,680
Apollo ^R	874	701	700	2,655	2,926	2,649
Bravo ^R	528	493	584	2,647	2,860	2,768
Cascade	2,380	4,237	4,837	1,972	1,723	1,824
Centennial	1,478	1,869	2,836	1,354	1,554	1,347
Chinook	1,215	1,415	1,297	1,699	1,987	1,815
Citra TM	538	1,296	1,670	1,342	1,405	1,570
Cluster	546	802	728	1,965	1,948	1,825
Columbus/Tomahawk ^R	2,223	2,336	1,738	2,452	2,571	2,629
Crystal	154	214	181	1,184	1,286	1,366
El Dorado ^R	(D)	82	82	(D)	1,761	2,206
Galena	954	440	306	1,742	1,969	1,801
Glacier	56	98	126	1,461	1,258	1,202
Golding	(D)	105	94	(D)	1,010	772
Millennium	397	420	113	2,017	2,266	1,996
Mosaic TM	(D)	382	671	(D)	1,709	2,225
Mt. Hood	120	168	150	1,264	1,161	1,333
Northern Brewer	120	170	131	1,443	1,256	1,244
Nugget	875	395	265	1,679	1,931	1,583
Simcoe ^R	940	1,298	1,819	1,679	1,682	1,542
Summit TM	(D)	2,844	2,522	(D)	1,873	2,105
Super Galena ^R	959	771	606	2,645	2,816	2,562
Tettnanger	76	95	(D)	1,003	755	(D)
Vanguard	59	76	58	1,280	1,349	1,455
Williamette	692	522	595	1,359	1,240	1,130
YCR-4 (Palisade ^R)	264	132	223	2,356	2,790	2,469
YCR-5 (Warrior ^R)	195	180	192	1,968	2,169	1,821
Zeus	2,953	3,277	3,375	2,565	2,940	2,811
Experimental	(D)	258	392	(D)	1,562	1,625
Other varieties ²	3,924	1,810	2,219	1,993	1,697	1,418
Total	22,696	27,097	28,858	2,047	2,025	1,936
United States	29,683	35,288	38,011	1,985	1,962	1,868

- Represents zero.

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

^R Registered

TM Trademark

¹ Prior to 2013, 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: 2012-2014

State and variety	Production		
	2012 (1,000 pounds)	2013 (1,000 pounds)	2014 (1,000 pounds)
Idaho ¹			
Apollo ^R	(D)	649.0	571.1
Bravo ^R	(D)	330.5	324.9
Cascade	(D)	768.9	1,433.1
Centennial	(D)	57.2	55.8
Chinook	(D)	583.4	575.4
Citra TM	(D)	19.2	109.2
Crystal	-	-	63.4
El Dorado ^R	(D)	13.6	72.1
Simcoe	-	-	64.9
Super Galena ^R	(D)	605.4	348.5
Zeus	(D)	1,670.8	1,913.9
Experimental	(D)	14.0	56.0
Other varieties ²	(D)	1,125.9	1,325.5
Total	4,778.2	5,837.9	6,913.8
Oregon			
Cascade	623.5	627.1	1,347.4
Centennial	370.0	394.6	485.2
Fuggle	(D)	75.3	(D)
Golding	(D)	222.7	223.5
Liberty	126.7	(D)	(D)
Magnum	146.1	146.2	189.6
Mt. Hood	392.6	346.2	390.0
Nugget	2,978.0	3,422.0	2,696.4
Perle	(D)	64.8	105.7
Sterling	(D)	197.8	185.0
Super Galena ^R	483.6	377.8	288.6
Tettnanger	91.1	(D)	(D)
Willamette	1,504.7	824.7	819.5
Experimental	(D)	60.7	(D)
Other varieties ²	951.3	1,770.6	1,490.1
Total	7,667.6	8,530.5	8,221.0

See footnote(s) at end of table.

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Hop Production by Variety – States and United States: 2012-2014 (continued)

State and variety	Production		
	2012 (1,000 pounds)	2013 (1,000 pounds)	2014 (1,000 pounds)
Washington			
ADHA-483 Azacca TM	-	-	134.6
ADHA-881 Jarrylo TM	-	-	116.1
Ahtanum TM	262.0	347.5	326.0
Apollo ^R	2,320.6	2,051.4	1,854.3
Bravo ^R	1,397.4	1,409.9	1,616.7
Cascade	4,693.0	7,300.0	8,821.0
Centennial	2,001.0	2,905.2	3,818.8
Chinook	2,064.2	2,812.3	2,354.3
Citra TM	721.9	1,820.3	2,622.5
Cluster	1,073.0	1,562.0	1,328.6
Columbus/Tomahawk ^R	5,451.7	6,006.1	4,569.2
Crystal	182.3	275.3	247.2
El Dorado ^R	(D)	144.4	180.9
Galena	1,662.0	866.3	551.0
Glacier	81.8	123.3	151.5
Golding	(D)	106.0	72.6
Millennium	800.8	951.6	225.6
Mosaic TM	(D)	652.8	1,493.2
Mt. Hood	151.7	195.0	199.9
Northern Brewer	173.1	213.5	163.0
Nugget	1,468.7	762.8	419.5
Simcoe ^R	1,578.0	2,183.4	2,805.8
Summit TM	(D)	5,326.6	5,308.3
Super Galena ^R	2,536.4	2,171.5	1,552.4
Tettnanger	76.2	71.7	(D)
Vanguard	75.5	102.5	84.4
Willamette	940.4	647.1	672.5
YCR-4(Palisade ^R)	622.1	368.3	550.6
YCR-5(Warrior ^R)	383.8	390.4	349.7
Zeus	7,575.9	9,635.7	9,488.4
Experimental	(D)	402.9	637.0
Other varieties ²	8,172.1	3,071.9	3,145.5
Total	46,465.6	54,877.7	55,861.1
United States³	58,911.4	69,246.1	70,995.9

- Represents zero.

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

^R Registered

TM Trademark

¹ Prior to 2013, 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 Includes 345 acres of organics for 2014 with yield equal to 1,184 pounds per acre and production at 408,500 pounds.

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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