



# National Hop Report

ISSN: 2158-7825

Released December 17, 2012, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## 2012 Hop Production Down Five Percent From Last Year

Production for Idaho, Oregon, and Washington in 2012 totaled 61.2 million pounds, down 5 percent from the 2011 crop of 64.8 million pounds. Oregon's production increased 5 percent in 2012. Production in Washington and Idaho decreased 5 percent and 22 percent, respectively. Harvested acreage increased in all three States; 7 percent in Washington, 7 percent in Idaho, and 6 percent in Oregon. Yields decreased in all three States. United States yield, at 1,918 pounds per acre, decreased 257 pounds from a year ago.

Washington growers produced 79 percent of the United States crop. Zeus, Columbus/Tomahawk, Cascade, and Super Galena were the leading varieties in Washington, accounting for 43 percent of the State's crop. In Oregon, Nugget and Willamette were the major varieties, accounting for 58 percent of the State's production.

## Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2010-2012

State and year	Area harvested	Yield per acre	Production	Price per pound	Value of production
	(acres)	(pounds)	(1,000 pounds)	(dollars)	(1,000 dollars)
<b>Idaho</b>					
2010 .....	2,331	2,129	4,962.6	3.89	19,305
2011 .....	2,265	2,408	5,454.1	2.93	15,981
2012 .....	2,423	1,745	4,227.6	2.69	11,372
<b>Oregon</b>					
2010 .....	4,622	1,791	8,277.6	3.96	32,779
2011 .....	4,202	1,908	8,019.4	3.79	30,394
2012 .....	4,470	1,885	8,425.3	3.99	33,617
<b>Washington</b>					
2010 .....	24,336	2,147	52,252.4	3.11	162,505
2011 .....	23,320	2,200	51,308.1	3.06	157,003
2012 .....	25,040	1,941	48,596.3	3.19	155,022
<b>United States</b>					
2010 .....	31,289	2,093	65,492.6	3.28	214,589
2011 .....	29,787	2,175	64,781.6	3.14	203,378
2012 .....	31,933	1,918	61,249.2	3.27	200,011

## Hop Area Harvested and Yield by Variety – States and United States: 2010-2012

State and variety	Area harvested			Yield per acre		
	2010	2011	2012	2010	2011	2012
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
<b>Idaho</b> <sup>1</sup> .....	2,331	2,265	2,423	2,129	2,408	1,745
<b>Oregon</b>						
Cascade .....	122	263	346	1,680	1,616	1,802
Centennial .....	(D)	(D)	208	(D)	(D)	1,779
Liberty .....	(D)	108	83	(D)	1,326	1,527
Magnum .....	(D)	64	58	(D)	1,928	2,519
Mt. Hood .....	188	214	226	1,640	1,890	1,737
Nugget .....	1,356	1,438	1,619	2,119	2,317	2,071
Perle .....	(D)	98	(D)	(D)	1,622	(D)
Sterling .....	87	86	(D)	1,644	1,915	(D)
Super Galena <sup>R</sup> .....	134	241	175	2,421	2,263	2,763
Tettnanger .....	(D)	70	61	(D)	1,634	1,493
Willamette .....	1,452	779	905	1,535	1,716	1,663
Other varieties <sup>2</sup> .....	1,283	841	789	1,711	1,511	1,690
Total .....	4,622	4,202	4,470	1,791	1,908	1,885
<b>Washington</b>						
Ahtanum .....	(D)	(D)	176	(D)	(D)	1,489
Apollo <sup>R</sup> .....	827	885	874	2,778	2,758	2,655
Bravo <sup>R</sup> .....	414	593	528	2,566	2,609	2,647
Cascade .....	1,728	2,108	2,693	1,905	1,955	1,854
Centennial .....	357	641	1,478	1,791	1,403	1,354
Chinook .....	443	572	1,215	1,963	1,718	1,699
Citra <sup>TM</sup> .....	113	239	538	1,930	1,812	1,342
Cluster .....	392	482	546	2,060	2,019	1,965
Columbus/Tomahawk <sup>R</sup> .....	3,401	2,947	2,523	2,350	2,519	2,280
Crystal .....	(D)	(D)	154	(D)	(D)	1,184
Galena .....	1,920	1,415	954	1,810	1,821	1,742
Glacier .....	61	44	56	1,943	2,182	1,461
Millennium .....	555	403	397	2,185	2,562	2,017
Mt. Hood .....	62	95	120	1,211	838	1,264
Northern Brewer .....	94	159	120	1,270	1,698	1,443
Nugget .....	829	861	875	1,808	1,969	1,679
Simcoe .....	237	495	940	1,698	1,779	1,679
Super Galena <sup>R</sup> .....	886	990	959	2,622	3,041	2,645
Tettnanger .....	(D)	(D)	76	(D)	(D)	1,003
Vanguard .....	(D)	(D)	59	(D)	(D)	1,280
Willamette .....	1,734	894	692	1,350	1,510	1,359
YCR-4(Palisade <sup>R</sup> ) .....	373	308	264	2,431	2,562	2,356
YCR-5(Warrior <sup>R</sup> ) .....	296	260	195	1,778	2,061	1,968
Zeus .....	4,440	4,159	3,253	2,678	2,572	2,390
Other varieties <sup>2</sup> .....	5,174	4,770	5,355	1,968	1,987	1,775
Total .....	24,336	23,320	25,040	2,147	2,200	1,941
<b>United States</b> <sup>3</sup> .....	31,289	29,787	31,933	2,093	2,175	1,918

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

<sup>R</sup> Registered  
<sup>TM</sup> Trademark

<sup>1</sup> Only State totals published for Idaho to avoid disclosure of individual operations.

<sup>2</sup> Includes data withheld to avoid disclosure of individual operations and varieties not listed.

<sup>3</sup> Strung acreage left unharvested in 2011 totaled 229 acres.

## Hop Production by Variety – States and United States: 2010-2012

State and variety	Production		
	2010	2011	2012
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Idaho</b> <sup>1</sup> .....	4,962.6	5,454.1	4,227.6
<b>Oregon</b>			
Cascade .....	205.0	425.0	623.5
Centennial .....	(D)	(D)	370.0
Liberty .....	(D)	143.2	126.7
Magnum .....	(D)	123.4	146.1
Mt. Hood .....	308.3	404.5	392.6
Nugget .....	2,873.2	3,332.1	3,353.5
Perle .....	(D)	159.0	(D)
Sterling .....	143.0	164.7	(D)
Super Galena <sup>R</sup> .....	324.4	545.5	483.6
Tettnanger .....	(D)	114.4	91.1
Willamette .....	2,228.3	1,337.0	1,504.7
Other varieties <sup>2</sup> .....	2,195.4	1,270.6	1,333.5
Total .....	8,277.6	8,019.4	8,425.3
<b>Washington</b>			
Ahtanum .....	(D)	(D)	262.0
Apollo <sup>R</sup> .....	2,297.4	2,440.4	2,320.6
Bravo <sup>R</sup> .....	1,062.3	1,547.2	1,397.4
Cascade .....	3,291.8	4,121.3	4,993.0
Centennial .....	639.4	899.4	2,001.0
Chinook .....	869.6	982.8	2,064.2
Citra <sup>TM</sup> .....	218.1	433.1	721.9
Cluster .....	807.5	973.3	1,073.0
Columbus/Tomahawk <sup>R</sup> .....	7,992.4	7,422.4	5,751.7
Crystal .....	(D)	(D)	182.3
Galena .....	3,475.2	2,576.2	1,662.0
Glacier .....	118.5	96.0	81.8
Millennium .....	1,212.7	1,032.4	800.8
Mt. Hood .....	75.1	79.6	151.7
Northern Brewer .....	119.4	270.0	173.1
Nugget .....	1,498.8	1,695.1	1,468.7
Simcoe .....	402.4	880.8	1,578.0
Super Galena <sup>R</sup> .....	2,323.1	3,010.6	2,536.4
Tettnanger .....	(D)	(D)	76.2
Vanguard .....	(D)	(D)	75.5
Willamette .....	2,340.9	1,350.0	940.4
YCR-4(Palisade <sup>R</sup> ) .....	906.8	789.1	622.1
YCR-5(Warrior <sup>R</sup> ) .....	526.3	535.9	383.8
Zeus .....	11,890.3	10,695.9	7,775.9
Other varieties <sup>2</sup> .....	10,184.4	9,476.6	9,502.8
Total .....	52,252.4	51,308.1	48,596.3
<b>United States</b> .....	65,492.6	64,781.6	61,249.2

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

<sup>R</sup> Registered

<sup>TM</sup> Trademark

<sup>1</sup> Only State totals published for Idaho to avoid disclosure of individual operations.

<sup>2</sup> Includes data withheld to avoid disclosure of individual operations and varieties not listed.

## 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](mailto:nass@nass.usda.gov)

Lance Honig, Chief, Crops Branch .....	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries.....	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco .....	(202) 720-4288
Chris Hawthorn – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
Dave Losh – Hops .....	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans .....	(202) 720-3250
Daphne Schauber – Berries, Cranberries, Potatoes, Sweet Potatoes .....	(202) 720-4285
Erika White – Floriculture, Maple Syrup, Nursery, Tree Nuts .....	(202) 720-4215

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Follow NASS” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC 20250-9410, or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay). USDA is an equal opportunity provider and employer.



# Managing Risk 21<sup>st</sup> CENTURY *in the*

February 21-22, 2013  
Crystal Gateway Marriott Hotel  
Arlington, Virginia

**[www.usda.gov/oce/forum](http://www.usda.gov/oce/forum)**



USDA is an equal opportunity provider and employer.