



National Hop Report

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2023 Hop Production Up 2 Percent From Last Year

Production for Idaho, Oregon, and Washington in 2023 totaled 104 million pounds, up 2 percent from the 2022 crop of 102 million pounds. Combined area harvested for Idaho, Oregon, and Washington in 2023 totaled 54,318 acres, down 10 percent from the previous year. Harvested acreage decreased in Oregon, Idaho and Washington. The United States hop yield, at 1,915 pounds per acre, is up 221 pounds from a year ago.

Washington produced 74 percent of the United States hop crop for 2023; while Idaho accounted for 16 percent and Oregon accounted for 10 percent. In Washington, Columbus/Tomahawk^R/Zeus, Citra^R, Mosaic^R, Cascade, and Simcoe^R were the five leading varieties, accounting for 46 percent of the State's hop production. In Idaho, Columbus/Tomahawk^R/Zeus, Mosaic^R, Citra^R, Cascade, and Eureka!TM were the major varieties, accounting for 58 percent of the State's hop production. In Oregon, Citra^R, Mosaic^R, StrataTM, Cascade, and Nugget were the major varieties, accounting for 64 percent of the State's hop production.

The 2023 value of production for the United States totaled \$562 million, down 9 percent from the previous year.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2021-2023

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					
2021	9,694	1,900	18,414.8	5.70	104,964
2022	9,561	1,733	16,572.3	6.10	101,091
2023	8,645	1,949	16,853.0	5.40	91,006
Oregon					
2021	7,395	1,705	12,607.9	5.90	74,387
2022	7,790	1,729	13,471.9	6.35	85,547
2023	6,822	1,558	10,629.7	6.15	65,373
Washington					
2021	43,783	1,932	84,608.2	5.70	482,267
2022	42,762	1,679	71,811.5	6.05	434,460
2023	38,851	1,971	76,559.8	5.30	405,767
United States					
2021	60,872	1,900	115,630.9	5.72	661,618
2022	60,113	1,694	101,855.7	6.06	621,098
2023	54,318	1,915	104,042.5	5.40	562,146

Hop Area Harvested, Yield, and Production by Variety – States and United States: 2021-2023

State and variety	Area harvested			Yield per acre		
	2021	2022	2023	2021	2022	2023
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho						
Amarillo ^R , VGXP01	380	379	537	1,813	1,458	1,589
Apollo TM	(D)	(D)	209	(D)	(D)	2,744
Cascade	479	845	699	1,559	1,494	1,957
Cashmere	124	140	91	1,828	1,622	1,321
Chinook	521	542	409	2,104	1,467	2,047
Citra ^R , HBC 394	1,743	1,767	1,014	1,413	1,515	1,581
Columbus/Tomahawk ^R /Zeus	1,046	520	1,059	3,169	3,027	2,638
Comet	146	144	108	1,663	1,863	1,877
El Dorado ^R	621	304	242	1,778	1,766	2,256
Elani TM YQH 1320	(NA)	(NA)	8	(NA)	(NA)	1,158
Eureka! TM	332	419	525	2,552	2,200	2,308
Hallertauer Mittelfruher	159	159	159	1,272	1,649	1,085
Helios TM , HS15619	(NA)	(NA)	503	(NA)	(NA)	1,736
Idaho 7 ^R	592	382	290	2,837	2,588	2,572
Mosaic ^R , HBC 369	1,380	1,440	1,120	2,141	2,103	2,442
Mt. Rainier	84	85	66	985	1,364	1,572
Northern Brewer	58	-	-	1,266	(X)	(X)
Saaz	330	380	380	620	955	524
Simcoe ^R , YCR 14	388	441	257	1,121	1,208	1,312
Triumph	72	55	(D)	1,063	871	(D)
Willamette	389	459	459	1,311	1,393	1,440
Other varieties ¹	850	806	510	1,725	1,587	1,778
Total	9,694	9,267	8,645	1,900	1,734	1,949
Oregon						
Amarillo ^R , VGXP01	193	210	204	2,186	1,870	1,841
Cascade	666	658	629	1,595	1,578	1,633
Centennial	364	380	386	1,384	1,575	1,057
Chinook	79	90	76	1,794	1,543	1,453
Citra ^R , HBC 394	1,472	1,691	1,528	1,414	1,562	1,290
Crystal	159	191	240	1,816	1,739	1,422
Golding	78	(D)	(D)	927	(D)	(D)
Liberty	54	(D)	25	1,506	(D)	835
Mosaic ^R , HBC 369	844	901	847	2,077	2,059	1,907
Mt. Hood	123	171	188	1,624	1,252	1,373
Mt. Rainier	126	130	109	1,389	1,473	1,497
Nugget	572	441	375	2,162	2,085	2,236
Sabro ^R , HBC 438	225	119	(D)	1,749	1,996	(D)
Simcoe ^R , YCR 14	499	527	466	1,643	1,646	1,225
Sterling	58	35	30	1,321	1,559	1,859
Strata TM , OR 91331	833	1,143	839	1,889	2,000	1,617
Tahoma	(D)	(D)	104	(D)	(D)	1,884
Talus TM , HBC 692	(NA)	46	(D)	(NA)	1,483	(D)
Willamette	446	471	439	1,461	1,489	1,524
Other varieties ¹	604	552	337	1,780	1,567	1,934
Total	7,395	7,756	6,822	1,705	1,728	1,558

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2021-2023 (continued)**

State and variety	Production		
	2021 (1,000 pounds)	2022 (1,000 pounds)	2023 (1,000 pounds)
Idaho			
Amarillo [®] , VGXP01	688.9	552.6	853.3
Apollo [™]	(D)	(D)	573.5
Cascade	746.8	1,262.4	1,367.9
Cashmere	226.7	227.1	120.2
Chinook	1,096.2	795.1	837.2
Citra [®] , HBC 394	2,462.9	2,677.0	1,603.1
Columbus/Tomahawk [®] /Zeus	3,314.8	1,574.0	2,793.6
Comet	242.8	268.3	202.7
El Dorado [®]	1,104.1	536.9	546.0
Elani [™] , YQH 1320	(NA)	(NA)	9.3
Eureka! [™]	847.3	921.8	1,211.7
Hallertauer Mittelfruher	202.2	262.2	172.5
Helios [™] , HS15619	(NA)	(NA)	873.2
Idaho 7 [®]	1,679.5	988.6	745.9
Mosaic [®] , HBC 369	2,954.6	3,028.3	2,735.0
Mt. Rainier	82.7	115.9	103.8
Northern Brewer	73.4	-	-
Saaz	204.6	362.9	199.1
Simcoe [®] , YCR 14	434.9	532.7	337.2
Triumph	76.5	47.9	(D)
Willamette	510.0	639.4	661.0
Other varieties ¹	1,465.9	1,779.2	906.8
Total	18,414.8	16,572.3	16,853.0
Oregon			
Amarillo [®] , VGXP01	421.9	392.7	375.6
Cascade	1,062.3	1,038.3	1,027.2
Centennial	503.8	598.5	408.0
Chinook	141.7	138.9	110.4
Citra [®] , HBC 394	2,081.4	2,641.3	1,971.1
Crystal	288.7	332.1	341.3
Golding	72.3	(D)	(D)
Liberty	81.3	(D)	20.9
Mosaic [®] , HBC 369	1,753.0	1,855.2	1,615.2
Mt. Hood	199.8	214.1	258.1
Mt. Rainier	175.0	191.5	163.2
Nugget	1,236.7	919.5	838.5
Sabro [®] HBC 438	393.5	237.5	(D)
Simcoe [®] , YCR 14	819.9	867.4	570.9
Sterling	76.6	54.6	55.8
Strata [™] , OR 91331	1,573.5	2,286.0	1,356.7
Tahoma	(D)	(D)	195.9
Talus [™] , HBC 692	(NA)	68.2	(D)
Willamette	651.6	701.3	669.0
Other varieties ¹	1,704.9	934.8	651.9
Total	12,607.9	13,471.9	10,629.7

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2021-2023 (continued)**

State and variety	Area harvested			Yield per acre		
	2021	2022	2023	2021	2022	2023
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Washington						
Ahtanum ^R , YCR 1	166	168	(D)	2,211	2,032	(D)
Amarillo ^R , VGXP01	1,334	1,324	1,436	1,659	1,486	1,686
Apollo TM	(D)	807	802	(D)	2,483	2,989
Azacca ^R , ADHA-483	730	871	401	1,909	1,559	1,980
Bravo TM	238	203	206	2,759	2,161	2,896
Cascade	3,183	3,604	3,156	1,585	1,477	1,957
Cashmere	690	717	258	1,395	1,521	1,949
Centennial	1,978	2,044	2,103	1,585	1,464	1,191
Chinook	1,174	1,443	1,216	1,851	1,335	1,812
Citra ^R , HBC 394	8,766	8,586	6,314	1,580	1,365	1,585
Cluster	390	286	195	2,016	1,505	1,722
Columbus/Tomahawk ^R /Zeus	4,523	3,998	5,295	2,656	2,256	2,465
Comet	386	327	175	1,632	1,299	1,857
Ekuanot ^R , HBC 366	381	367	373	2,608	2,153	2,335
El Dorado ^R	1,113	861	621	1,876	1,685	2,093
Elami TM YQH 1320	(X)	(X)	61	(X)	(X)	2,403
Eureka! TM	466	570	621	3,022	2,205	3,028
HBC 682	2,114	1,709	2,226	2,463	2,132	2,032
Helios TM HS15619	(D)	(D)	1,006	(D)	(D)	1,733
Idaho 7 TM	388	158	148	3,197	2,755	3,062
Loral ^R , HBC 291	197	199	161	2,088	1,843	1,989
Mosaic ^R , HBC 369	4,193	4,160	3,309	2,129	1,963	2,207
Mt. Hood	(D)	42	(D)	(D)	573	(D)
Mt. Rainier	209	212	212	1,635	1,563	2,031
Palisade ^R , YCR 4	333	377	260	1,866	1,842	2,268
Pekko TM , ADHA-871	1,070	1,084	1,045	2,072	1,882	2,319
Sabro ^R , HBC 438	1,120	548	203	2,207	2,052	3,034
Simcoe ^R , YCR 14	3,172	3,494	3,483	1,646	1,380	1,539
Summit TM	437	(D)	(D)	1,351	(D)	(D)
Super Galena TM	480	354	354	2,849	2,838	2,970
Tahoma	388	383	385	1,055	1,310	1,589
Talus HBC 692	(NA)	377	147	(NA)	1,703	1,967
Warrior ^R , YCR 5	128	147	148	2,240	1,610	2,070
Willamette	132	124	199	1,200	991	971
Zappa	(NA)	69	(D)	(NA)	839	(D)
Experimental	575	702	602	1,713	1,717	1,769
Other varieties ¹	3,329	2,447	1,730	1,934	1,577	2,177
Total	43,783	42,762	38,851	1,932	1,663	1,971
United States	60,872	60,113	54,318	1,900	1,694	1,915

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2021-2023 (continued)**

State and variety	Production		
	2021 (1,000 pounds)	2022 (1,000 pounds)	2023 (1,000 pounds)
Washington			
Ahtanum ^R , YCR 1	367.0	341.4	(D)
Amarillo ^R , VGXP01	2,213.1	1,967.5	2,421.1
Apollo TM	(D)	2,003.8	2,397.2
Azacca ^R , ADHA-483	1,393.6	1,357.9	794.0
Bravo TM	656.6	438.7	596.6
Cascade	5,045.1	5,323.1	6,176.3
Cashmere	962.6	1,090.6	502.8
Centennial	3,135.1	2,992.4	2,504.7
Chinook	2,173.1	1,926.4	2,203.4
Citra ^R , HBC 394	13,850.3	11,719.9	10,007.7
Cluster	786.2	430.4	335.8
Columbus/Tomahawk ^R /Zeus	12,013.1	9,019.5	13,052.2
Comet	630.0	424.8	325.0
Ekuanot ^R , HBC 366	993.6	790.2	871.0
El Dorado ^R	2,088.0	1,450.8	1,299.8
Elani TM , YQH 1320	(NA)	(NA)	146.6
Eureka! TM	1,408.3	1,256.9	1,880.4
HBC 682	5,206.8	3,643.6	4,523.2
Helios TM , HS15619	(NA)	(NA)	1,743.4
Idaho 7 ^R	1,240.4	435.3	453.2
Loral ^R , HBC 291	411.3	366.8	320.2
Mosaic ^R , HBC 369	8,926.9	8,166.1	7,303.0
Mt. Hood	(D)	24.1	(D)
Mt. Rainier	341.7	331.4	430.6
Palisade ^R , YCR 4	621.4	694.4	589.7
Pekko ^R , ADHA-871	2,217.0	2,040.1	2,423.4
Sabro ^R , HBC 438	2,471.8	1,124.5	615.9
Simcoe ^R , YCR 14	5,221.1	4,821.7	5,360.3
Summit TM	590.4	(D)	(D)
Super Galena TM	1,367.5	1,004.7	1,051.4
Tahoma	409.3	501.7	611.8
Talus TM , HBC 692	(NA)	642.0	289.1
Warrior ^R , YCR 5	286.7	236.7	306.4
Willamette	158.4	122.9	193.2
Zappa TM	(NA)	57.9	(D)
Experimental	985.0	1,205.3	1,064.9
Other varieties ¹	6,436.8	3,858.0	3,765.5
Total	84,608.2	71,111.6	76,559.8
United States²	115,630.9	101,855.7	104,042.5

- Represents zero.

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

(NA) Not available.

(X) Not applicable.

^R Registered

TM Trademark

¹ Includes data withheld to avoid disclosure of individual operations and varieties not listed.

² Includes 634 acres of organic hops for 2023 with yield equal to 1,679 pounds per acre and production at 1,064,700

Statistical Methodology

Survey Procedures: Grower surveys are conducted in the three estimating States to collect acreage, production, and price data from growers.

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@usda.gov

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Bret Holliman – Apricots, Chickpeas, Nectarines, Peaches, Snap Beans, Sweet Corn, Tomatoes.....	(202) 720-7235
Robert Little – Blueberries, Cabbage, Dry Beans, Lettuce, Macadamia, Maple Syrup, Pears, Raspberries, Spinach	(202) 720-3250
Krishna Rizal – Artichokes, Asparagus, Celery, Grapefruit, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges, Pistachios	(202) 720-5412
Chris Singh – Apples, Cucumbers, Hazelnuts, Potatoes, Pumpkins, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes	(202) 720-4285
Antonio Torres – Cantaloupes, Dry Edible Peas, Grapes, Green Peas, Honeydews, Lentils, Sweet Cherries, Tart Cherries, Walnuts, Watermelons	(202) 720-2157
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cauliflower, Chile Peppers, Dates, Floriculture, Hops, Papayas, Pecans.....	(202) 720-4215

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