



National Hop Report

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Released December 19, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

2022 Hop Production Down 12 Percent From Last Year

Production for Idaho, Oregon, and Washington in 2022 totaled 101 million pounds, down 12 percent from the 2021 crop of 116 million pounds. Combined area harvested for Idaho, Oregon, and Washington in 2022 totaled 59,785 acres, down 2 percent from the record high 2021 level of 60,872 acres. Harvested acreage increased in Oregon but decreased in Idaho and Washington. The United States hop yield, at 1,694 pounds per acre, is down 206 pounds from a year ago.

Washington produced 71 percent of the United States hop crop for 2022; while Idaho accounted for 16 percent and Oregon accounted for 13 percent. In Washington, Citra^R, Columbus/Tomahawk^R/Zeus, Mosaic^R, Cascade, and Simcoe^R were the five leading varieties, accounting for 54 percent of the State's hop production. In Idaho, Mosaic^R, Citra^R, Columbus/Tomahawk^R/Zeus, Cascade, and Idaho 7^R were the major varieties, accounting for 59 percent of the State's hop production. In Oregon, Citra^R, StrataTM, Mosaic^R, Cascade, and Nugget were the major varieties, accounting for 65 percent of the State's hop production.

The 2022 value of production for the United States totaled \$618 million, down 7 percent from the previous year.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2020-2022

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					
2020	9,268	1,855	17,190.1	5.80	99,703
2021	9,694	1,900	18,414.8	5.70	104,964
2022	9,267	1,734	16,072.5	6.10	98,042
Oregon					
2020	7,104	1,755	12,468.7	6.00	74,812
2021	7,395	1,705	12,607.9	5.90	74,387
2022	7,756	1,728	13,402.3	6.35	85,105
Washington					
2020	42,269	1,754	74,151.5	6.00	444,909
2021	43,783	1,932	84,608.2	5.70	482,267
2022	42,762	1,679	71,811.5	6.05	434,460
United States					
2020	58,641	1,770	103,810.3	5.97	619,424
2021	60,872	1,900	115,630.9	5.72	661,618
2022	59,785	1,694	101,286.3	6.10	617,607

Hop Area Harvested, Yield, and Production by Variety – States and United States: 2020-2022

State and variety	Area harvested			Yield per acre		
	2020	2021	2022	2020	2021	2022
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho						
Amarillo ^R , VGXP01	538	380	379	1,576	1,813	1,458
Cascade	407	479	845	1,213	1,559	1,494
Cashmere	125	124	140	1,578	1,828	1,622
Chinook	624	521	542	1,614	2,104	1,467
Citra ^R , HBC 394	1,527	1,743	1,767	1,686	1,413	1,515
Columbus/Tomahawk ^R /Zeus	1,457	1,046	520	2,673	3,169	3,027
Comet	93	146	144	1,740	1,663	1,863
El Dorado ^R	526	621	304	1,590	1,778	1,766
Eureka! TM	(D)	332	419	(D)	2,552	2,200
Hallertauer Mittelfruher	159	159	159	614	1,272	1,649
Idaho 7 ^R	564	592	382	2,442	2,837	2,588
Mosaic ^R , HBC 369	1,186	1,380	1,440	2,335	2,141	2,103
Mt. Rainier	(D)	84	85	(D)	985	1,364
Northern Brewer	58	58	-	1,432	1,266	(X)
Saaz	(D)	330	380	(D)	620	955
Simcoe ^R , YCR 14	425	388	441	992	1,121	1,208
Triumph	39	72	55	365	1,063	871
Willamette	(D)	389	459	(D)	1,311	1,393
Other varieties ¹	1,540	850	806	1,567	1,725	1,587
Total	9,268	9,694	9,267	1,855	1,900	1,734
Oregon						
Amarillo ^R , VGXP01	216	193	210	2,360	2,186	1,870
Cascade	754	666	658	1,639	1,595	1,578
Centennial	489	364	380	1,675	1,384	1,575
Chinook	86	79	90	1,481	1,794	1,543
Citra ^R , HBC 394	1,327	1,472	1,691	1,506	1,414	1,562
Crystal	(D)	159	191	(D)	1,816	1,739
Golding	(D)	78	(D)	(D)	927	(D)
Liberty	56	54	(D)	2,289	1,506	(D)
Mosaic ^R , HBC 369	595	844	901	2,155	2,077	2,059
Mt. Hood	159	123	171	1,551	1,624	1,252
Mt. Rainier	(D)	126	130	(D)	1,389	1,473
Nugget	826	572	441	1,841	2,162	2,085
Sabro TM , HBC 438	74	225	119	870	1,749	1,996
Simcoe ^R , YCR 14	474	499	527	1,823	1,643	1,646
Sterling	58	58	35	1,728	1,321	1,559
Strata TM , OR 91331	484	833	1,143	2,068	1,889	2,000
Super Galena TM	87	(D)	(D)	2,801	(D)	(D)
Talus TM , HBC 692	(NA)	(NA)	46	(NA)	(NA)	1,483
Willamette	605	446	471	1,857	1,461	1,489
Other varieties ¹	814	604	552	1,479	1,780	1,567
Total	7,104	7,395	7,756	1,755	1,705	1,728

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2020-2022 (continued)**

State and variety	Production		
	2020	2021	2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Idaho			
Amarillo [®] , VGXP01	847.9	688.9	552.6
Cascade	493.7	746.8	1,262.4
Cashmere	197.3	226.7	227.1
Chinook	1,007.1	1,096.2	795.1
Citra [®] , HBC 394	2,574.5	2,462.9	2,677.0
Columbus/Tomahawk [®] /Zeus	3,894.6	3,314.8	1,574.0
Comet	161.8	242.8	268.3
El Dorado [®]	836.3	1,104.1	536.9
Eureka! [™]	(D)	847.3	921.8
Hallertauer Mittelfruher	97.6	202.2	262.2
Idaho 7 [®]	1,377.3	1,679.5	988.6
Mosaic [®] , HBC 369	2,769.3	2,954.6	3,028.3
Mt. Rainier	(D)	82.7	115.9
Northern Brewer	83.1	73.4	-
Saaz	(D)	204.6	362.9
Simcoe [®] , YCR 14	421.6	434.9	532.7
Triumph	14.2	76.5	47.9
Willamette	(D)	510.0	639.4
Other varieties ¹	2,413.8	1,465.9	1,279.4
Total	17,190.1	18,414.8	16,072.5
Oregon			
Amarillo [®] , VGXP01	509.8	421.9	392.7
Cascade	1,235.8	1,062.3	1,038.3
Centennial	819.1	503.8	598.5
Chinook	127.4	141.7	138.9
Citra [®] , HBC 394	1,998.5	2,081.4	2,641.3
Crystal	(D)	288.7	332.1
Golding	(D)	72.3	(D)
Liberty	128.2	81.3	(D)
Mosaic [®] , HBC 369	1,282.2	1,753.0	1,855.2
Mt. Hood	246.6	199.8	214.1
Mt. Rainier	(D)	175.0	191.5
Nugget	1,520.7	1,236.7	919.5
Sabro [™] HBC 438	64.4	393.5	237.5
Simcoe [®] , YCR 14	864.1	819.9	867.4
Sterling	100.2	76.6	54.6
Strata [™] , OR 91331	1,000.9	1,573.5	2,286.0
Super Galena [™]	243.7	(D)	(D)
Talus [™] , HBC692	(NA)	(NA)	68.2
Willamette	1,123.5	651.6	701.3
Other varieties ¹	1,203.6	1,074.9	865.2
Total	12,468.7	12,607.9	13,402.3

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2020-2022 (continued)**

State and variety	Area harvested			Yield per acre		
	2020 (acres)	2021 (acres)	2022 (acres)	2020 (pounds)	2021 (pounds)	2022 (pounds)
Washington						
Ahtanum ^R , YCR 1	230	166	168	2,134	2,211	2,032
Amarillo ^R , VGXP01	1,395	1,334	1,324	1,649	1,659	1,486
Apollo TM	750	(D)	807	2,248	(D)	2,483
Azacca ^R , ADHA-483	722	730	871	1,527	1,909	1,559
Bravo TM	201	238	203	2,308	2,759	2,161
Cascade	2,877	3,183	3,604	1,551	1,585	1,477
Cashmere	448	690	717	1,514	1,395	1,521
Centennial	2,444	1,978	2,044	1,640	1,585	1,464
Chinook	1,183	1,174	1,443	1,665	1,851	1,335
Citra ^R , HBC 394	8,143	8,766	8,586	1,526	1,580	1,365
Cluster	413	390	286	2,065	2,016	1,505
Columbus/Tomahawk ^R /Zeus	4,829	4,523	3,998	2,176	2,656	2,256
Comet	330	386	327	872	1,632	1,299
Ekuanot ^R , HBC 366	641	381	367	2,158	2,608	2,153
El Dorado ^R	1,058	1,113	861	1,516	1,876	1,685
Eureka TM	465	466	570	2,332	3,022	2,205
Galena	241	(D)	(D)	1,838	(D)	(D)
Idaho 7 ^R	341	388	158	1,736	3,197	2,755
Jarrylo ^R , ADHA-881	17	(D)	(NA)	1,428	(D)	(NA)
Loral ^R , HBC 291	164	197	199	1,874	2,088	1,843
Mosaic ^R , HBC 369	3,715	4,193	4,160	1,998	2,129	1,963
Mt. Hood	48	(D)	42	1,139	(D)	573
Mt. Rainier	223	209	212	1,586	1,635	1,563
Pahto TM , HBC 682	2,208	2,114	1,709	2,019	2,463	2,132
Palisade ^R , YCR 4	246	333	377	2,114	1,866	1,842
Pekko ^R , ADHA-871	801	1,070	1,084	1,239	2,072	1,882
Sabro TM , HBC 438	1,145	1,120	548	1,886	2,207	2,052
Simcoe ^R , YCR 14	3,214	3,172	3,494	1,643	1,646	1,380
Summit TM	640	437	(D)	1,096	1,351	(D)
Super Galena TM	475	480	354	2,636	2,849	2,838
Tahoma	177	388	383	1,588	1,055	1,310
Talus TM , HBC 692	(NA)	(NA)	377	(NA)	(NA)	1,703
Warrior ^R , YCR 5	283	128	147	1,669	2,240	1,610
Willamette	203	132	124	1,458	1,200	991
Zappa TM	(NA)	(NA)	69	(NA)	(NA)	839
Experimental	453	575	702	1,207	1,713	1,717
Other varieties ¹	1,546	3,329	2,447	1,737	1,934	1,577
Total	42,269	43,783	42,762	1,754	1,932	1,679
United States²	58,641	60,872	59,785	1,770	1,900	1,694

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2020-2022 (continued)**

State and variety	Production		
	2020 (1,000 pounds)	2021 (1,000 pounds)	2022 (1,000 pounds)
Washington			
Ahtanum ^R , YCR 1	490.8	367.0	341.4
Amarillo ^R , VGXP01	2,300.4	2,213.1	1,967.5
Apollo TM	1,686.0	(D)	2,003.8
Azacca ^R , ADHA-483	1,102.5	1,393.6	1,357.9
Bravo TM	463.9	656.6	438.7
Cascade	4,462.2	5,045.1	5,323.1
Cashmere	678.3	962.6	1,090.6
Centennial	4,008.2	3,135.1	2,992.4
Chinook	1,969.7	2,173.1	1,926.4
Citra ^R , HBC 394	12,426.2	13,850.3	11,719.9
Cluster	852.8	786.2	430.4
Columbus/Tomahawk ^R /Zeus	10,507.9	12,013.1	9,019.5
Comet	287.8	630.0	424.8
Ekuanot ^R , HBC 366	1,383.3	993.6	790.2
El Dorado ^R	1,603.9	2,088.0	1,450.8
Eureka! TM	1,084.4	1,408.3	1,256.9
Galena	443.0	(D)	(D)
Idaho 7 ^R	592.0	1,240.4	435.3
Jarrylo ^R , ADHA-881	24.3	(D)	(NA)
Loral ^R , HBC 291	307.3	411.3	366.8
Mosaic ^R , HBC 369	7,422.6	8,926.9	8,166.1
Mt. Hood	54.7	(D)	24.1
Mt. Rainier	353.7	341.7	331.4
Pahto TM , HBC 682	4,458.0	5,206.8	3,643.6
Palisade ^R , YCR 4	520.0	621.4	694.4
Pekko ^R , ADHA-871	992.4	2,217.0	2,040.1
Sabro TM , HBC 438	2,159.5	2,471.8	1,124.5
Simcoe ^R , YCR 14	5,280.6	5,221.1	4,821.7
Summit TM	701.4	590.4	(D)
Super Galena TM	1,252.1	1,367.5	1,004.7
Tahoma	281.1	409.3	501.7
Talus TM , HBC 692	(NA)	(NA)	642.0
Warrior ^R , YCR 5	472.3	286.7	236.7
Willamette	296.0	158.4	122.9
Zappa TM	(NA)	(NA)	57.9
Experimental	546.8	985.0	1,205.3
Other varieties ¹	2,685.4	6,436.8	3,858.0
Total	74,151.5	84,608.2	71,811.5
United States²	103,810.3	115,630.9	101,286.3

- 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 982 acres of organic hops for 2022 with yield equal to 1,296 pounds per acre and production at 1,273,083 pounds.

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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Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Deonne Holiday – Almonds, Asparagus, Carrots, Coffee, Cranberries, Onions, Plums, Prunes, Sweet Corn, Tobacco	(202) 720-4288
Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup, Nectarines, Pears, Snap Beans, Spinach, Tomatoes	(202) 720-3250
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges, Pistachios	(202) 720-5412
Chris Singh – Apples, Blueberries, Cucumbers, Hazelnuts, Potatoes, Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes.....	(202) 720-4285
Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils, Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons.....	(202) 720-2157
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans	(202) 720-4215

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