



National Hop Report

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2020 Hop Production Down 7 Percent From Last Year

Production for Idaho, Oregon, and Washington in 2020 totaled 104 million pounds, down 7 percent from the 2019 crop of 112 million pounds. Combined area harvested for Idaho, Oregon, and Washington in 2020 totaled a record high 58,641 acres, up 4 percent from the 2019 level of 56,544 acres. Harvested acreage increased in Idaho and Washington, but declined in Oregon. The United States hop yield, at 1,770 pounds per acre, down 211 pounds from a year ago.

Washington produced 71 percent of the United States hop crop for 2020; while Idaho accounted for 17 percent and Oregon accounted for 12 percent. In Washington, Citra^R, Columbus/Tomahawk/Zeus, Mosaic^R, Simcoe^R, and Cascade were the five leading varieties, accounting for 54 percent of the State's hop production. In Idaho, Columbus/Tomahawk/Zeus, Mosaic^R, Citra^R, Idaho 7TM, and Chinook were the major varieties, accounting for 68 percent of the State's hop production. In Oregon, Citra^R, Nugget, Mosaic^R, Cascade, and Willamette were the major varieties, accounting for 57 percent of the State's hop production.

The 2020 value of production for the United States totaled \$619 million, down 3 percent from the previous year.

Hop Area Harvested, Yield, Production, Price, and Value – States and United States: 2018-2020

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					
2018	8,140	1,995	16,242.8	5.30	86,087
2019	8,358	2,034	17,003.1	5.25	89,266
2020	9,268	1,855	17,190.1	5.80	99,703
Oregon					
2018	7,725	1,675	12,936.2	5.40	69,855
2019	7,306	1,783	13,023.2	5.50	71,628
2020	7,104	1,755	12,468.7	6.00	74,812
Washington					
2018	39,170	1,984	77,727.7	5.50	427,502
2019	40,880	2,006	82,014.9	5.80	475,686
2020	42,269	1,754	74,151.5	6.00	444,909
United States					
2018	55,035	1,943	106,906.7	5.46	583,444
2019	56,544	1,981	112,041.2	5.68	636,580
2020	58,641	1,770	103,810.3	5.97	619,424

Hop Area Harvested, Yield, and Production by Variety – States and United States: 2018-2020

State and variety	Area harvested			Yield per acre		
	2018	2019	2020	2018	2019	2020
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho						
Amarillo ^R , VGXP01	825	561	538	2,009	1,560	1,576
Apollo TM	232	(D)	(D)	1,951	(D)	(D)
Bravo TM	87	(D)	(D)	2,226	(D)	(D)
Calypso TM	81	81	(D)	2,138	1,901	(D)
Cascade	836	710	407	1,716	1,823	1,213
Cashmere	(D)	(D)	125	(D)	(D)	1,578
Chinook	962	786	624	1,873	2,215	1,614
Citra ^R , HBC 394	855	973	1,527	1,438	1,532	1,686
Cluster	63	(D)	(D)	2,126	(D)	(D)
Columbus/Tomahawk/Zeus ¹	(D)	991	1,457	(D)	3,002	2,673
Comet	(D)	112	93	(D)	1,970	1,740
Crystal	150	131	(D)	1,927	1,971	(D)
El Dorado ^R	120	352	526	1,463	1,352	1,590
Eureka! TM	133	185	(D)	2,299	2,243	(D)
Galena	109	113	(D)	1,715	1,773	(D)
Hallertauer	(D)	25	159	(D)	1,253	614
Idaho 7 TM	(D)	388	564	(D)	2,562	2,442
Mosaic ^R , HBC 369	506	801	1,186	2,333	2,296	2,335
Northern Brewer	(D)	57	58	(D)	1,407	1,432
Saaz	(D)	140	(D)	(D)	771	(D)
Simcoe ^R , YCR 14	449	469	425	1,245	1,164	992
Super Galena TM	84	(D)	(D)	2,493	(D)	(D)
Triumph	(NA)	(NA)	39	(NA)	(NA)	365
Willamette	(D)	170	(D)	(D)	1,695	(D)
Zeus ¹	1,496	611	(NA)	2,764	2,672	(NA)
Other varieties ²	1,152	702	1,540	1,845	1,971	1,567
Total	8,140	8,358	9,268	1,995	2,034	1,855
Oregon						
Amarillo ^R , VGXP01	(D)	212	216	(D)	2,312	2,360
Cascade	1,064	1,039	754	1,623	1,620	1,639
Centennial	698	614	489	1,277	1,661	1,675
Chinook	129	114	86	1,674	1,733	1,481
Citra ^R , HBC 394	690	998	1,327	1,600	1,476	1,506
Crystal	354	247	(D)	1,819	1,943	(D)
Fuggle	59	63	(D)	1,034	1,243	(D)
Golding	121	92	(D)	1,160	1,351	(D)
Liberty	(D)	(D)	56	(D)	(D)	2,289
Magnum	105	(D)	(D)	1,284	(D)	(D)
Mosaic ^R , HBC 369	(D)	478	595	(D)	2,113	2,155
Mt. Hood	311	295	159	1,411	1,538	1,551
Nugget	1,307	1,059	826	1,946	2,130	1,841
Perle	77	(D)	(D)	1,093	(D)	(D)
Sabro TM , HBC 438	(NA)	(D)	74	(NA)	(D)	870
Simcoe ^R , YCR 14	436	440	474	1,588	1,845	1,823
Sterling	191	147	58	1,760	1,643	1,728
Strata OR 91331	(NA)	253	484	(NA)	2,066	2,068
Super Galena TM	84	78	87	2,216	2,580	2,801
Tettnanger	72	(D)	(D)	1,027	(D)	(D)
Willamette	913	619	605	1,489	1,717	1,857
Other varieties ²	1,114	558	814	2,068	1,644	1,479
Total	7,725	7,306	7,104	1,675	1,783	1,755

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2018-2020 (continued)**

State and variety	Production		
	2018 (1,000 pounds)	2019 (1,000 pounds)	2020 (1,000 pounds)
Idaho			
Amarillo ^R , VGXP01	1,657.4	875.2	847.9
Apollo TM	452.6	(D)	(D)
Bravo TM	193.7	(D)	(D)
Calypso TM	173.2	154.0	(D)
Cascade	1,434.6	1,294.3	493.7
Cashmere	(D)	(D)	197.3
Chinook	1,801.8	1,741.0	1,007.1
Citra ^R , HBC 394	1,229.5	1,490.6	2,574.5
Cluster	133.9	(D)	(D)
Columbus/Tomahawk/Zeus ¹	(D)	2,975.0	3,894.6
Comet	(D)	220.6	161.8
Crystal	289.1	258.2	(D)
El Dorado ^R	175.6	475.9	836.3
Eureka! TM	305.8	415.0	(D)
Galena	186.9	200.3	(D)
Hallertauer	(D)	31.3	97.6
Idaho 7 TM	(D)	994.1	1,377.3
Mosaic ^R , HBC 369	1,180.5	1,839.1	2,769.3
Northern Brewer	(D)	80.2	83.1
Saaz	(D)	107.9	(D)
Simcoe ^R , YCR 14	559.0	545.9	421.6
Super Galena TM	209.4	(D)	(D)
Triumph	(NA)	(NA)	14.2
Willamette	(D)	288.2	(D)
Zeus ¹	4,134.9	1,632.6	(NA)
Other varieties ²	2,124.9	1,383.7	2,413.8
Total	16,242.8	17,003.1	17,190.1
Oregon			
Amarillo ^R , VGXP01	(D)	490.1	509.8
Cascade	1,726.9	1,683.2	1,235.8
Centennial	891.3	1,019.9	819.1
Chinook	215.9	197.6	127.4
Citra ^R , HBC 394	1,104.0	1,473.0	1,998.5
Crystal	643.9	479.9	(D)
Fuggle	61.0	78.3	(D)
Golding	140.4	124.3	(D)
Liberty	(D)	(D)	128.2
Magnum	134.8	(D)	(D)
Mosaic ^R , HBC 369	(D)	1,010.0	1,282.2
Mt. Hood	438.8	453.7	246.6
Nugget	2,543.4	2,255.7	1,520.7
Perle	84.2	(D)	(D)
Sabro TM HBC 438	(NA)	(D)	64.4
Simcoe ^R , YCR 14	692.4	811.8	864.1
Sterling	336.2	241.5	100.2
Strata OR 91331	(NA)	522.7	1,000.9
Super Galena TM	186.1	201.2	243.7
Tettnanger	73.9	(D)	(D)
Willamette	1,359.5	1,062.8	1,123.5
Other varieties ²	2,303.5	917.5	1,203.6
Total	12,936.2	13,023.2	12,468.7

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2018-2020 (continued)**

State and variety	Area harvested			Yield per acre		
	2018 (acres)	2019 (acres)	2020 (acres)	2018 (pounds)	2019 (pounds)	2020 (pounds)
Washington						
Ahtanum™, YCR 1	255	261	230	2,730	2,820	2,134
Amarillo [®] , VGXP01	1,895	1,597	1,395	1,868	1,946	1,649
Apollo™	795	851	750	2,848	2,735	2,248
Azacca™, ADHA-483	546	589	722	2,491	2,441	1,527
Bravo™	280	236	201	3,258	3,216	2,308
Cascade	4,274	3,718	2,877	1,972	1,920	1,551
Cashmere	195	310	448	1,519	1,699	1,514
Centennial	3,875	3,031	2,444	1,364	1,820	1,640
Chinook	1,734	1,437	1,183	1,875	1,942	1,665
Citra [®] , HBC 394	4,837	6,720	8,143	1,611	1,424	1,526
Cluster	610	470	413	1,813	1,815	2,065
Columbus/Tomahawk/Zeus ¹	2,034	2,323	4,829	2,482	2,584	2,176
Comet	218	210	330	1,750	1,311	872
Crystal	114	66	(D)	2,357	1,989	(D)
Ekuanot [®] , HBC 366	865	632	641	2,583	2,483	2,158
El Dorado [®]	418	641	1,058	1,880	2,032	1,516
Eureka!™	409	425	465	2,954	3,188	2,332
Galena	390	297	241	2,149	2,045	1,838
Idaho 7™	(D)	85	341	(D)	1,544	1,736
Jarrylo [®] , ADHA-881	(D)	(D)	17	(D)	(D)	1,428
Loral [®] , HBC 291	172	125	164	2,349	2,515	1,874
Mosaic [®] , HBC 369	1,932	2,829	3,715	2,351	2,054	1,998
Mt. Hood	104	53	48	1,454	1,037	1,139
Mt. Rainier	306	239	223	1,899	2,149	1,586
Nugget	126	104	(D)	1,498	2,313	(D)
Pahto™, HBC 682	1,721	2,109	2,208	2,087	2,398	2,019
Palisade [®] , YCR 4	515	477	246	2,441	2,520	2,114
Pekko [®] , ADHA-871	92	(D)	801	1,889	(D)	1,239
Sabro™, HBC 438	(NA)	724	1,145	(NA)	1,612	1,886
Simcoe [®] , YCR 14	3,103	3,367	3,214	1,642	1,788	1,643
Sorachi Ace	146	(D)	(D)	1,042	(D)	(D)
Summit™	1,574	1,072	640	1,826	1,816	1,096
Super Galena™	500	473	475	3,133	2,871	2,636
Tahoma	209	230	177	2,147	1,958	1,588
Warrior YCR 5	(D)	(D)	283	(D)	(D)	1,669
Willamette	376	270	203	1,348	1,596	1,458
Zeus ¹	2,592	2,612	(NA)	2,619	2,620	(NA)
Experimental	374	360	453	1,889	2,251	1,207
Other varieties ²	1,584	1,937	1,546	1,896	1,888	1,737
Total	39,170	40,880	42,269	1,984	2,006	1,754
United States³	55,035	56,544	58,641	1,943	1,981	1,770

See footnote(s) at end of table.

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**Hop Area Harvested, Yield, and Production by Variety – States and United States:
2018-2020 (continued)**

State and variety	Production		
	2018 (1,000 pounds)	2019 (1,000 pounds)	2020 (1,000 pounds)
Washington			
Ahtanum™, YCR 1	696.2	736.0	490.8
Amarillo ^R , VGXP01	3,539.9	3,107.8	2,300.4
Apollo™	2,264.2	2,327.5	1,686.0
Azacca™, ADHA-483	1,360.1	1,437.7	1,102.5
Bravo™	912.2	759.0	463.9
Cascade	8,428.3	7,138.6	4,462.2
Cashmere	296.2	526.7	678.3
Centennial	5,285.5	5,516.4	4,008.2
Chinook	3,251.3	2,790.7	1,969.7
Citra ^R , HBC 394	7,792.4	9,569.3	12,426.2
Cluster	1,105.9	853.1	852.8
Columbus/Tomahawk/Zeus ¹	5,048.4	6,002.6	10,507.9
Comet	381.5	275.3	287.8
Crystal	268.7	131.3	(D)
Ekuanot ^R , HBC 366	2,234.3	1,569.3	1,383.3
El Dorado ^R	785.8	1,302.5	1,603.9
Eureka!™	1,208.2	1,354.9	1,084.4
Galena	838.1	607.4	443.0
Idaho 7™	(D)	131.2	592.0
Jarrylo ^R , ADHA-881	(D)	(D)	24.3
Loral ^R , HBC 291	404.0	314.4	307.3
Mosaic ^R , HBC 369	4,542.1	5,810.8	7,422.6
Mt. Hood	151.2	55.0	54.7
Mt. Rainier	581.1	513.6	353.7
Nugget	188.7	240.6	(D)
Pahto™, HBC 682	3,591.7	5,057.4	4,458.0
Palisade ^R , YCR 4	1,257.1	1,202.0	520.0
Pekko ^R , ADHA-871	173.8	(D)	992.4
Sabro™, HBC 438	(NA)	1,167.1	2,159.5
Simcoe ^R , YCR 14	5,095.1	6,020.2	5,280.6
Sorachi Ace	152.1	(D)	(D)
Summit™	2,874.1	1,946.8	701.4
Super Galena™	1,566.5	1,358.0	1,252.1
Tahoma	448.7	450.3	281.1
Warrior YCR 5	(D)	(D)	472.3
Willamette	506.8	430.9	296.0
Zeus ¹	6,788.4	6,843.4	(NA)
Experimental	706.5	810.4	546.8
Other varieties ²	3,002.6	3,656.7	2,685.4
Total	77,727.7	82,014.9	74,151.5
United States³	106,906.7	112,041.2	103,810.3

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

(NA) Not available.

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¹ Beginning in 2020, Zeus is included in Columbus/Tomahawk/Zeus (C/T/Z).

² Includes data withheld to avoid disclosure of individual operations and varieties not listed.

³ Includes 770 acres of organic hops for 2020 with yield equal to 1,090 pounds per acre and production at 839,576 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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Heidi Lanouette – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes.....	(202) 720-4285
Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup, Nectarines, Pears, Snap Beans, Spinach, Tomatoes	(202) 720-3250
Anastasiya Osborne – Almonds, Apples, Asparagus, Carrots, Coffee, Onions Plums, Prunes, Sweet Corn, Tobacco	(202) 720-4288
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Hazelnuts, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges	(202) 720-5412
Dawn Smoker – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans	(202) 720-4215
Fleming Gibson – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils, Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons.....	(202) 720-2127

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