

CROP AND MARKET UPDATE & HOP CROP 2021 ESTIMATE

|HOP MARKET|

Growing Area	Variety	Quantities	Estimate	Changes	Ø Yields in	
		Crop 2020	Crop 2021		2020	2021
		mt	mt	± %	mt / ha	
Hallertau	Hallertauer	757.3	728.3	- 3.8	1.51	1.52
	Hersbrucker	1,665.0	1,691.2	1.6	1.85	2.08
	Perle	5,481.0	5,739.9	4.7	1.90	1.99
	Akoya	8.9	78.7	784.3	0.37*	0.87*
	Spalter Select	985.2	938.3	- 4.8	2.01	2.11
	Tradition	5,140.5	5,366.3	4.4	1.89	2.02
	Saphir	774.6	681.0	- 12.1	2.10	2.15
	Northern Brewer	244.9	237.0	- 3.2	1.84	1.87
	Magnum	2,726.6	2,632.7	- 3.4	2.11	2.13
	Taurus	384.0	330.3	- 14.0	1.96	2.00
	Herkules	18,792.8	19,724.7	5.0	3.00	3.04
	Polaris	369.5	505.0	36.7	1.71	1.74
	Others	2,954.6	2,494.8	- 15.6	2.92	2.74
	Hallertau		40,284.9	41,148.2	2.1	2.34
Elbe- Saale		2,980.6	3,058.6	2.6	1.91	1.93
Tettngang		2,850.8	2,884.3	1.2	1.93	1.93
Spalt		717.1	730.0	1.8	1.76	1.83
Bitburg		45.2	22.5	- 50.2	2.05	1.02
Germany total		46,878.6	47,843.6	2.1	2.26	2.32
Austria		525.0	360.0	- 31.4	2.06	1.40
Belgium		274.0	277.0	1.1	1.51	1.52
Bulgaria		62.5	50.0	- 20.0	1.89	1.52
Czech Rep.		5,925.0	6,500.0	9.7	1.19	1.30
England		924.0	835.0	- 9.6	1.07	1.25
France		767.0	910.0	18.6	1.53	1.63
Poland		3,637.0	3,250.0	- 10.6	2.07	1.85
Romania		225.0	240.0	6.7	0.85	0.90
Russia		350.0	350.0	0.0	1.38	1.38
Slovakia		26.0	40.0	53.8	0.68	1.05
Slovenia		2,723.0	1,800.0	- 33.9	1.84	1.17
Spain		908.0	900.0	- 0.9	1.63	1.58
Turkey		390.0	390.0	0.0	1.11	1.11
Ukraine		492.0	510.0	3.7	1.04	1.08
Rest		143.5	143.0	- 0.3	1.34	1.34
Europe total		64,250.6	64,398.6	0.2	1.96	1.97
USA (PNW)	Amarillo®	1,659.3	1,562.6	- 5.8	1.91	1.96
	Apollo	948.5	1,083.4	14.2	2.58	2.95
	Bravo	215.9	300.4	39.1	2.53	2.90
	Cascade	2,808.5	3,304.3	17.7	1.72	1.94
	Centennial	2,189.6	1,732.7	- 20.9	1.84	1.90
	Chinook	1,408.0	1,733.6	23.1	1.84	2.35
	Citra®	7,710.7	8,000.1	3.8	1.73	1.65
	Col./Tom./Zeus	6,532.8	7,610.8	16.5	2.57	3.36
	Eureka!	674.7	994.7	47.4	2.56	3.11
	Mosaic	5,879.1	6,548.1	11.4	2.64	2.54
	Super Galena	754.7	743.0	- 1.6	2.98	3.30
	Willamette	643.9	769.8	19.6	1.63	1.82
	Rest	15,661.7	18,359.2	17.2	1.80	1.98
	PNW total	47,087.4	52,742.7	12.0	1.98	2.15
	Other States	453.6	113.4	- 75.0	0.45	0.11
USA		47,541.0	52,856.1	11.2	1.92	2.07
Argentina		331.0	268.0	- 19.0	1.78	1.51
Australia		1,714.0	1,704.0	- 0.6	2.31	2.17
Japan		202.0	202.0	0.0	1.91	1.91
New Zealand		1,250.0	1,250.0	0.0	1.68	1.68
P.R.China		5,510.0	6,100.0	10.7	2.34	2.29
South Africa		706.0	739.0	4.7	1.65	1.80
Rest		565.0	565.0	0.0	1.18	1.18
World total		122,069.6	128,082.7	4.9	1.95	2.01

* Due to the high proportion of baby hops, the yield per hectare is not representative.

The crop estimate for the Hallertau was announced on August 25st, meaning that crop 2021 estimates have now been submitted for all German hop growing areas.

A comparison of the 2020 crop results with crop 2021 estimates for the main hop growing areas worldwide is enclosed.

In general we expect good yields and quality.

We will keep you informed about the crop progress.

Simon H. Steiner, Hopfen, GmbH

Steiner Hops Limited

S.S. Steiner, Inc.

August, 26th 2021



Hopsteiner[®]

COMMITTED TO THE BREWER