

CROP AND MARKET UPDATE & HOP CROP 2022 ESTIMATE

| HOP MARKET |

Growing Area	Variety	Quantities	Estimate	Changes	Ø Yields in	
		Crop 2021	Crop 2022		2021	2022
		mt	mt	± %	mt / ha	
Hallertau	Hallertauer	742.6	356.4	- 52.0	1.55	0.78
	Hersbrucker	1,443.1	1,394.3	- 3.4	1.77	1.74
	Perle	6,134.4	4,247.5	- 30.8	2.13	1.47
	Akoya	60.5	161.7	167.3	0.67	1.54
	Spalter Select	935.8	634.0	- 32.3	2.11	1.49
	Tradition	5,447.4	3,749.7	- 31.2	2.05	1.45
	Saphir	690.0	432.8	- 37.3	2.18	1.45
	Northern Brewer	231.9	126.3	- 45.5	1.83	1.10
	Magnum	2,909.8	2,035.9	- 30.0	2.36	1.70
	Taurus	356.1	186.4	- 47.7	2.16	1.19
	Herkules	19,172.6	16,509.7	- 13.9	2.95	2.48
	Polaris	453.9	682.7	50.4	1.56	1.96
	Others	2,514.9	1,982.6	- 21.2	2.26	1.86
	Hallertau		41,093.0	32,500.0	- 20.9	2.40
Elbe-Saale		3,223.3	2,691.4	- 16.5	2.04	1.71
Tettnang		2,716.4	2,421.5	- 10.9	1.82	1.62
Spalt		807.8	490.6	- 39.3	2.02	1.20
Bitburg		21.7	20.0	- 7.8	0.99	1.67
Germany total		47,862.2	38,123.5	- 20.3	2.32	1.85
Austria		381.0	485.0	27.3	1.49	1.84
Belgium		293.0	257.0	- 12.3	1.61	1.42
Bulgaria		53.4	55.0	3.0	1.62	1.41
Czech Rep.		8,481.4	4,600.0	- 45.8	1.71	0.93
England		916.5	780.0	- 14.9	1.37	1.20
France		937.0	804.0	- 14.2	1.68	1.47
Poland		3,388.0	2,800.0	- 17.4	1.93	1.62
Romania		240.0	200.0	- 16.7	0.90	0.74
Russia		350.0	500.0	42.9	1.38	1.25
Slovakia		40.2	26.0	- 35.3	1.06	0.68
Slovenia		2,186.0	1,900.0	- 13.1	1.42	1.17
Spain		957.0	840.0	- 12.2	1.68	1.45
Turkey		290.0	220.0	- 24.1	1.26	1.22
Ukraine		500.0	158.0	- 68.4	1.06	1.05
Rest		106.9	94.0	- 12.1	1.00	0.94
Europe total		66,982.6	51,842.5	- 22.6	2.06	1.60
USA (PNW)	Amarillo®	1507.7	1,824.6	21.0	1.95	2.13
	Apollo	1205.1	1,179.8	- 2.1	3.22	3.03
	Bravo	306.8	329.0	7.2	2.98	3.13
	Cascade	3,108.9	3,876.4	24.7	1.77	1.89
	Centennial	1,650.6	1,796.5	8.8	1.74	1.73
	Chinook	1,547.2	1,803.9	16.6	2.15	2.13
	Citra®	8,343.6	8,114.8	- 2.7	1.72	1.63
	Col./Tom./Zeus	6,952.6	5,190.7	- 25.3	3.08	3.14
	Eureka!	994.1	1,252.2	26.0	3.12	3.05
	Mosaic	6,184.5	6,415.6	3.7	2.38	2.43
	Super Galena	701.8	489.7	- 30.2	3.11	3.29
	Willamette	598.7	752.8	25.7	1.53	1.74
	Rest	19,327.2	17,321.5	- 10.4	2.07	1.99
	PNW total	52,428.8	50,347.5	- 4.0	2.13	2.08
Other States		113.4	113.4	0.0	0.11	0.22
USA		52,542.2	50,460.9	- 4.0	2.05	2.04
Argentina		268.0	325.0	21.3	1.51	1.83
Australia		1,704.0	1,824.0	7.0	2.17	1.98
Japan		202.0	202.0	0.0	1.91	1.91
New Zealand		1,250.0	1,250.0	0.0	1.68	1.28
P.R.China		6,100.0	6,345.0	4.0	2.29	2.36
South Africa		739.0	751.0	1.6	1.83	1.87
Rest		565.0	550.0	- 2.7	1.18	1.31
World total		130,352.8	113,550.4	- 12.9	2.05	1.81

The crop estimate for the Hallertau was announced on August 25th, meaning that crop 2022 estimates have now been submitted for all German hop growing areas.

A comparison of the 2021 crop results with crop 2022 estimates for the main hop growing areas worldwide is enclosed.

We will keep you informed about the crop progress.

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Steiner Hops Limited

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

