



## HOPSTEINER UPDATE

### 2013 Hop Crop Estimate

Mainburg, August 2013

Estimates for the 2013 hop crop in Germany were finalized in the Hallertau on August 21<sup>st</sup>. We are pleased to attach a list comparing the crop results for 2012 with the estimates for 2013 for the world's main growing areas.

The 2013 growing year in the Hallertau was defined by extreme weather conditions. May and June were very cool and extremely wet, leaving plant growth for all varieties about 2 weeks behind the norm. Then, in July, the weather turned. Temperatures exceeded 35°C with rainfall far below average. The month of August began similarly with daily temperatures above 30°C. Heat thunderstorms resulted in some precipitation, but this was not widespread. Overall the showers were insignificant. The crop estimate shows that the weather has had an extremely negative effect on the plants.

At this time we assume that alpha acid contents will be well below the long-term average.

We will keep you informed about further developments.

Best regards,

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## Hop Crop 2013 - Estimate

Growing Area	Variety	Quantities	Estimate	Changes	
		Crop 2012 mt	Crop 2013 mt	± mt	± %
Hallertau	Hallertauer	948	651	-297	-31,4
	Hersbrucker	1.361	1.204	-158	-11,6
	Perle	5.536	4.137	-1.399	-25,3
	Select	883	626	-257	-29,1
	Saphir	474	388	-86	-18,1
	Tradition	4.869	3.574	-1.295	-26,6
	Other Aroma	111	83	-28	-25,5
	<b>Aroma Total</b>	<b>14.182</b>	<b>10.662</b>	<b>-3.520</b>	<b>-24,8</b>
	North. Brew.	347	176	-171	-49,4
	Herkules	7.442	6.470	-972	-13,1
	Magnum	5.643	4.221	-1.422	-25,2
	Nugget	421	262	-159	-37,7
	Taurus	1.587	1.055	-532	-33,5
Other Bitter	171	153	-18	-10,7	
<b>Bitter Total</b>	<b>15.612</b>	<b>12.338</b>	<b>-3.274</b>	<b>-21,0</b>	
<b>Hallertau Total</b>	<b>29.794</b>	<b>23.000</b>	<b>-6.794</b>	<b>-22,8</b>	
Elbe-Saale		2.546	2.150	-396	-15,6
Tettngang		1.607	1.420	-187	-11,7
Spalt		481	500	19	3,9
Rest Germany		46	37	-9	-20,2
<b>Germany Total</b>		<b>34.475</b>	<b>27.107</b>	<b>-7.368</b>	<b>-21,4</b>
USA	Apollo	1.053	1.043	-10	-0,9
	Cascade	2.548	3.833	1.285	50,5
	Col./Tom./Zeus	6.136	7.439	1.303	21,2
	Galena	754	363	-391	-51,9
	Nugget	2.187	1.860	-327	-15,0
	Summit	3.175	3.266	91	2,9
	Super Galena	1.370	1.542	172	12,6
	Willamette	1.109	771	-338	-30,5
	Others	9.451	8.573	-878	-9,3
<b>USA Total</b>	<b>27.782</b>	<b>28.690</b>	<b>908</b>	<b>3,3</b>	
China		7.544	5.620	-1.924	-25,5
Czech Republic		4.338	4.700	362	8,3
Poland		1.818	2.079	261	14,3
Slovenia		1.560	1.600	40	2,6
England		1.459	1.450	-9	-0,6
France		752	644	-108	-14,4
Spain		1.028	1.000	-28	-2,7
Australia		1.093	1.146	53	4,9
New Zealand		694	703	9	1,3
South Africa		1.003	913	-90	-8,9
Austria		446	410	-36	-8,1
Other Countries*		2.859	2.967	109	3,8
<b>WORLD TOTAL</b>		<b>86.850</b>	<b>79.029</b>	<b>-7.822</b>	<b>-9,0</b>

\*Belgium, Bulgaria, Slovakia, Rumania, Russia, Turkey, Ukraine, Portugal, Serbia, Belarus, Croatia, Suisse, Hungary, Argentina, Japan, India