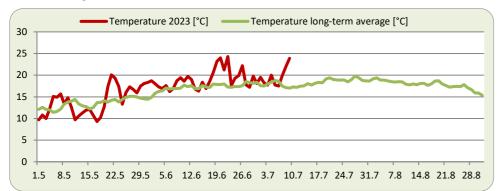
Report on Weather and Hop Growing Conditions: Week 27



Report Period: July 3, 2023 - July 9, 2023

HALLERTAU



			■ Precipitation long-term average [I/m²]						
120 -									
100 -									
80 -		93		101		99		97	
60 -		_							
40 -	60	-						_	
20 -		-	30						
0 -			,		7		<u> </u>		<u> </u>
	May Jun		ne	Ju	У	Aug	gust		

Variety	Comment	Development
Tradition	start of bloom	-
Perle	start of bloom	0/-
Magnum	start of bloom	0/-
Herkules	start of bloom	0/-

Comments: The drought continues. Most hops have started to bloom. Defoliation has been completed. Disease and pest pressure remains moderate. Powdery mildew occurs occasionally.

(++ very good; + good; o average; - weak; -- very weak)

	low	ideal	high
Temperature			↑
	low	ideal	high
Water supply	1		
	behind	optimal	ahead
Development		1	
	none	little	high
Disease pressure		1	
	none	little	high
Insect condition		↑	
(Tendency: stable ↑, decreas	sing ←, increasing →)		



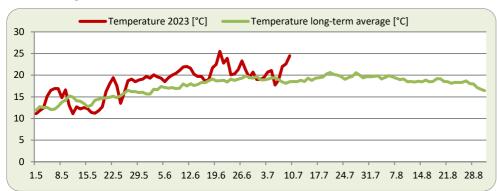
Simon H. Steiner, Hopfen, GmbH, Auhofstrasse 18, 84048 Mainburg

Report on Weather and Hop Growing Conditions: Week 27



Report Period: July 3, 2023 - July 9, 2023

TETTNANG

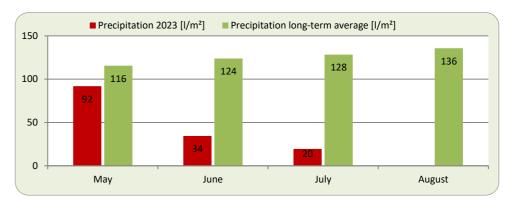


Variety	Comment	Development		
Tettnanger	formation of lateral arms / start of bloom	0/-		
Mittelfrüher	formation of lateral arms / start of bloom	0/-		
Tradition	start of bloom	0/-		
Herkules	formation of lateral arms / start of bloom	0/-		

(++ very good; + good; o average; - weak; -- very weak)

	low	ideal	high
Temperature			^
	low	ideal	high
Water supply	↑		
	behind	optimal	ahead
Development		↑	
	none	little	high
Disease pressure		↑	
	none	little	high
Insect condition		↑	

(Tendency: stable \uparrow , decreasing \leftarrow , increasing \rightarrow)



Comments: The midsummer, dry weather continues in Tettnang. The water supply is becoming less. Defoliation work and plant protection measures were carried out.

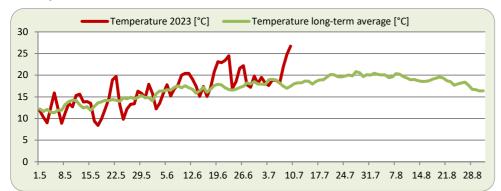


Report on Weather and Hop Growing Conditions: Week 27



Report Period: July 3, 2023 - July 9, 2023

ELBE SAALE



100 -	■ Precipitation 2023 [I/m²] ■ Precipitation long-term average [I/m²]									
80 -										
60 -		64		64					76	
40 -		•			60					
20 -						_				
0 -	8		-			1	1			Щ,
May June July August						gust				

Variety	Comment	Development		
Perle	trellis height / formation of lateral arms	0		
Northern Brewer	formation of lateral arms / start of bloom	0		
Magnum	trellis height / formation of lateral arms	0		
Herkules	trellis height / formation of lateral arms	0		

(++ very good; + good; o average; - weak; -- very weak)

	low	ideal	high
Temperature			^
	low	ideal	high
Water supply		1	
	behind	optimal	ahead
Development		^	
	none	little	high
Disease pressure		1	
	none	little	high
Insect condition		1	
/ -			

(Tendency: stable \uparrow , decreasing \leftarrow , increasing \rightarrow)

Comments: Pleasant temperatures initially brought optimal growing conditions. However, by the weekend, daytime temperatures rose above 30° C. Northern Brewer and Saazer started flowering, the other varieties formed lateral arms. Several farms were still busy with defoliation and tillage. Locally, sprays were applied against downy and powdery mildew, as well as aphids and spider mites

