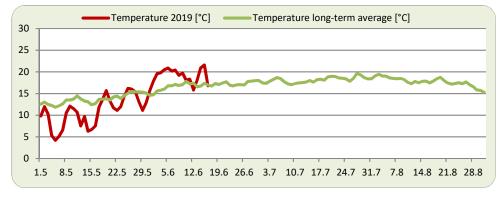
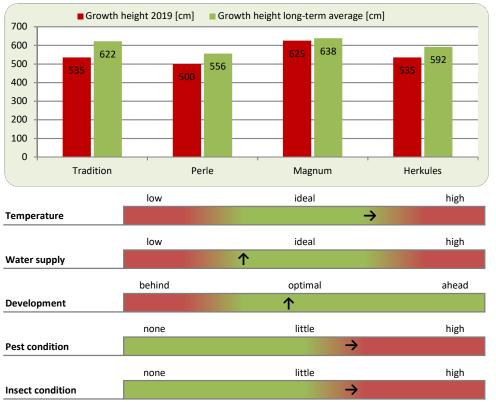


Report on Weather and Hop Growing Conditions: Week 24

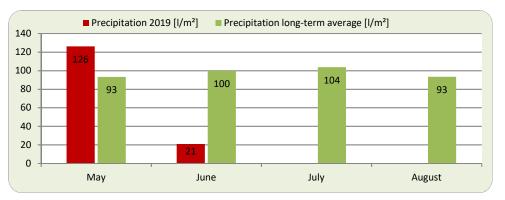
Report Period: June 10, 2019 - June 16, 2019

HALLERTAU





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



<u>Comments:</u> At midsummer temperatures hops grew significantly. Rain showers brought some cool down at the weekend and improved the water balance. At the same time, the infestation pressure from diseases and especially of the red spider mite increased. The growers were busy with chemically and manually hop defoliation. Also soil tillage and 2nd hilling up of the rows was done.

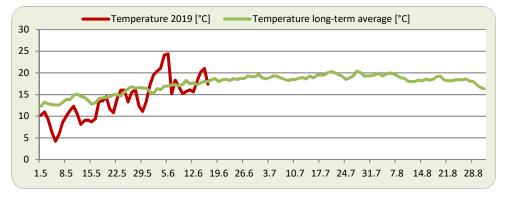


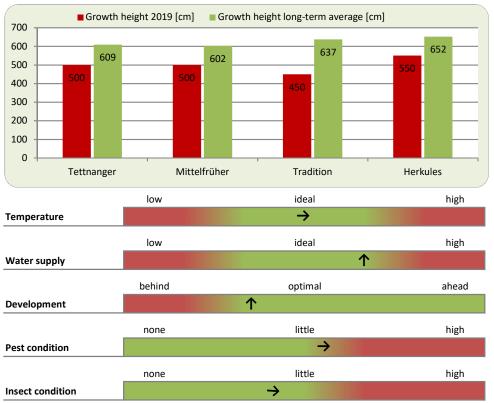


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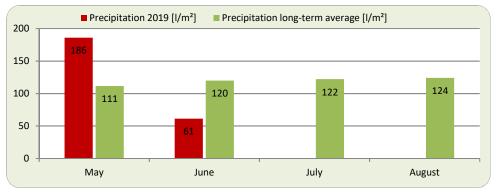
Report Period: June 10, 2019 - June 16, 2019

TETTNANG





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



<u>Comments:</u> Varying temperatures and abundant precipitation ensured significant growth and a good water supply. The growers were called for peronospora treatment.

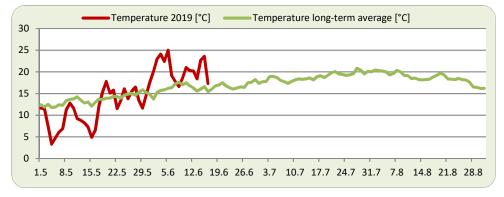


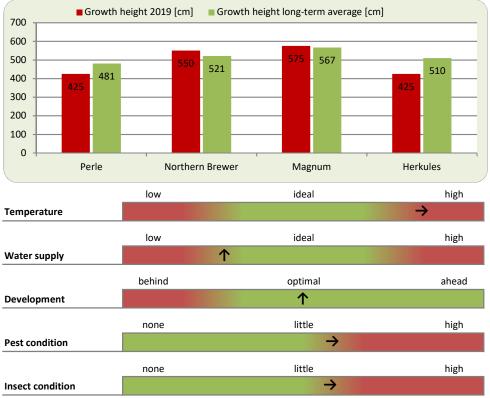


Report on Weather and Hop Growing Conditions: Week 24

Report Period: June 10, 2019 - June 16, 2019

ELBE SAALE





Precipitation 2019 [I/m²] Precipitation long-term average [l/m²] 100 80 85 75 60 65 66 40 20 0 May June July August

<u>Comments:</u> Thunderstorms at the beginning of the week brought regional differences in precipitation, partly some hail. Temperatures like in midsummer also provided almost optimal growing conditions. There is still pressure of diseases and pests. Spider mite control was necessary. Constant wind required retraining with the working platform. The first hops were defoliated chemically.



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