

Hop report - Saaz fine aroma hops

Crop 2007 – June 2007 (Saaz region)

Weather condition – June 2007

Temperature & precipitation in June	2007	2006	30 years average
Average temperature (°C)	19,6	18,2	16,7
Total precipitation in June (mm)	47,6	72,4	56,0
Max. temperature (°C)	32,3 (9.6.)	31,8	
Min. temperature (°C)	7,6 (1.6.)	1,5	
Highest precipitation in one day (mm)	14,0 (21.6.)	28,6	
Total precipitation Jan - June (mm)	196,1	211,4	204,0
Number of dry days	17	21	

The character of the weather is keeping the dry and warm trends. Especially the end of the first and the whole second decade were abnormally hot and dry. The temperatures of June exceeded not only the long-term average, but also the figures reached during June of previous year. On the other side, June precipitations were deeply below the level of previous year and the average.

Growth report

Thanks to the influence of warm and dry weather the hop plants maintained the gain in development of about 10 days, but within the second decade the stretching growths decelerated and even stopped in some areas, such that on some gardens the height of the plants does not reach the height of the supporting constructions. This phenomenon was obvious on older hop cultures. Predominantly it was the case of Saaz Semi-early Red Bine Hops. We estimate, according to the condition of the plants, that stretching growths is practically finished on these gardens and we expect that eventual further growth will be just imperceptible. On the other side, there are very nice plantations not older than 10 years. The blossoming of hops was registered already within the third decade of June, i.e. approx. 10 to 15 days earlier than it is usual in case of Saaz Hops.

Hop phytosanitary information

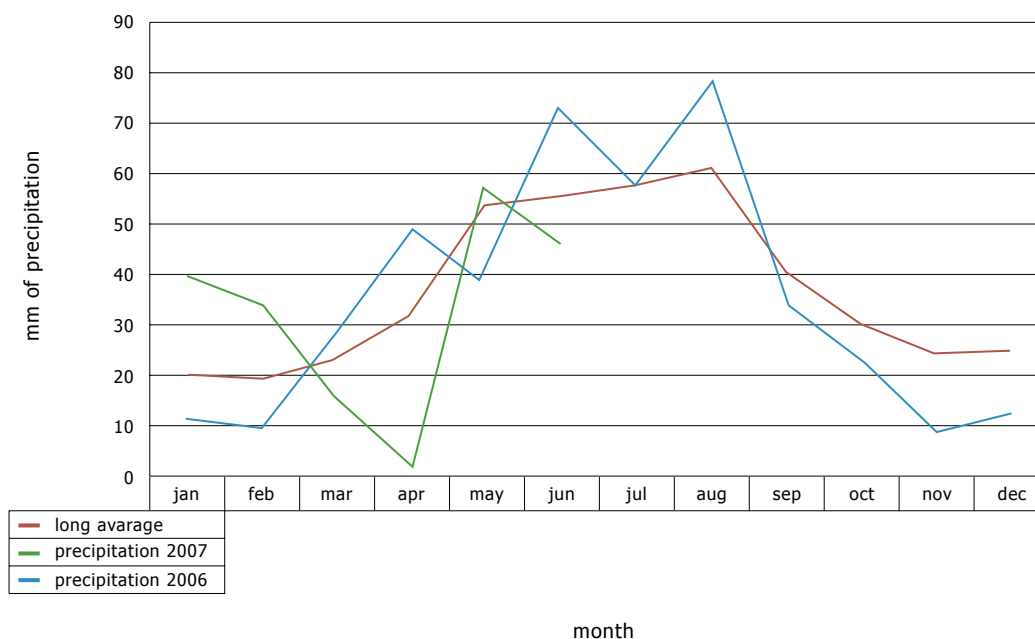
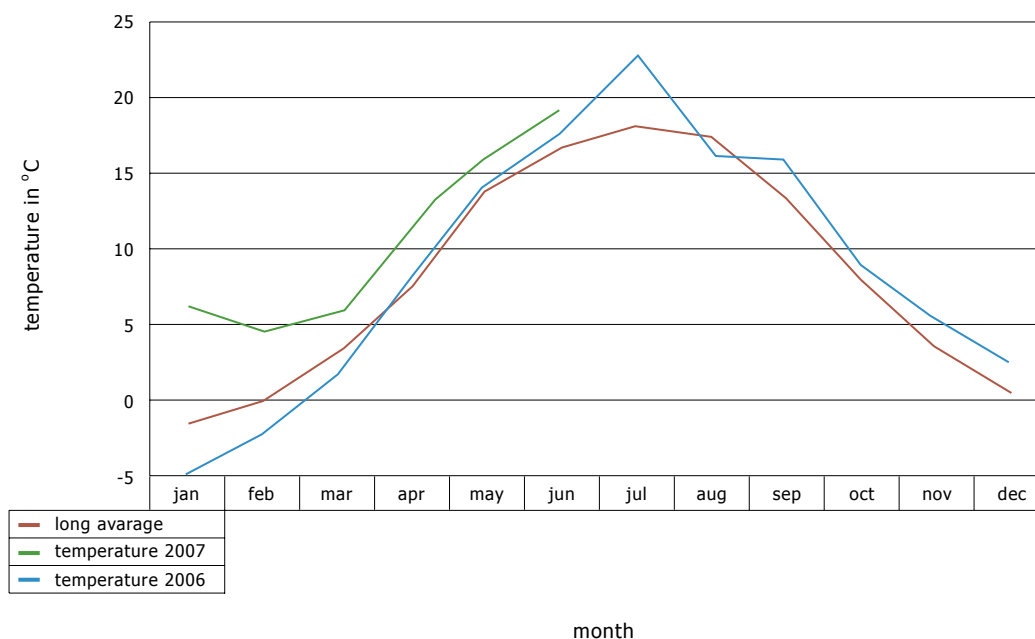
Also on the beginning of June the migration of hop aphid (*Phorodon humuli* Schrank) from stone fruit trees continued. Therefore it was necessary to turn high attention on this question. It was recommended to use effective aphicides – Confidor 70 WG, Kohinor 70 WG, eventually Chess 25 WP, according to the intensity of the occurrence. Dry and warm weather created also good condition for development of red spider mite (*Tetranychus urticae* Koch). Besides application of Nissorun 10 WP, it was necessary to treat the gardens, where the derogation caused by the red spider mite was recorded, also by other preparations, as Ortus 5 SP and Omite 30 W. The occurrence of downy mildew of hops (*Pseudoperonospora humuli* Miy et. Takah.) corresponds to the normal situation and the gardens have been treated according to the methodology of hops protection. The occurrence of powdery mildew (*Sphaeroteca humuli* (DC) Burr.) has not been registered. The health condition of hop plants is good.

Other information

According to the information given by Central Institute for Supervising and Testing from the Advisory body of the Ministry of Agriculture, the hops are produced by 139 subjects in the Czech republic. They are divided as follows:

Saaz Hop region – 94 subjects
 Auscha Hop region – 31 subjects
 Trschitz Hop region – 14 subjects

Furthermore, as per estimations of Central Institute for Supervising and Testing, based on the newest research, the harvested area in 2007 will be slightly lower than estimated up to 30th April 2007 (5 408 ha).





Blooming hops at the end of June



Hop garden at the end of June

Saaz, 2nd June, 2007

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