

# HOP REPORT

## MONTH - AUGUST

| YEAR               | 2012       | 2011  | 30-years average |
|--------------------|------------|-------|------------------|
| avg. temperature   | 19,0       | 18,3  | 17,4             |
| precipitation      | 48,2       | 89,6  | 62,0             |
|                    | Day        | Value |                  |
| max. precipitation | 31.08.2012 | 15,0  | mm               |
| min. temperature   | 14.08.2012 | 4,7   | °C               |
| max. temperature   | 20.08.2012 | 39,6  | °C               |

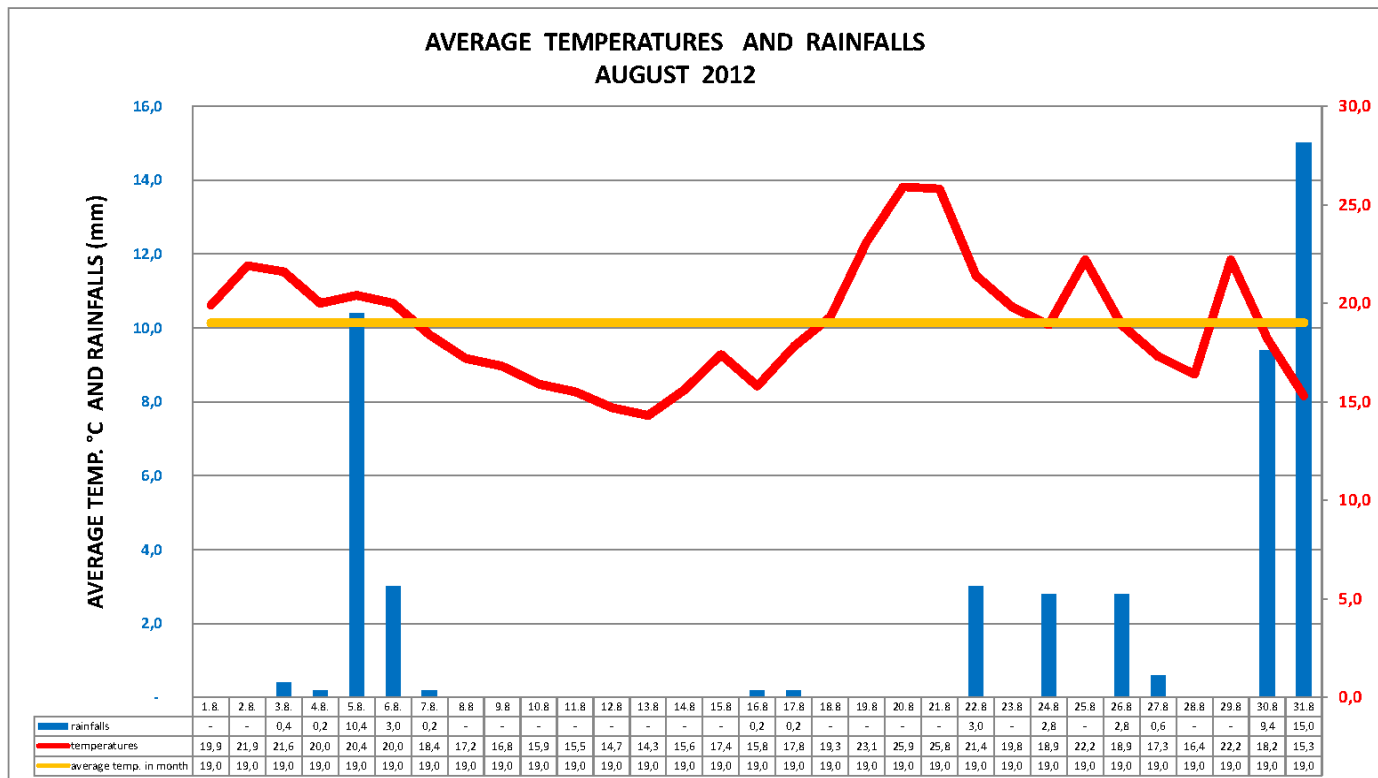
|          |  |
|----------|--|
| Comments | <p>August was extremely warm and abnormally dry compared to long-term average. It almost didn't rain during the whole month. Some significant precipitation came at the end of the month. Chemical protection against downy mildew and red spider mite was effected. The plants are in very good health condition. Extremely high temperatures and the lack of water will significantly influence the yield. According to current results the average yield will not exceed 1,0 mt / 1 ha and average alpha ca 3,7 % (as is EBC 7.4) estimated at this moment (Saaz variety, Saaz region, STD+VF).</p> |
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The Charts Average Temperatures and Precipitation

| YEAR | MONTH     | AVG TEMPER | PRECIPITATION | LONG AVG TEMPER | LONG PRECIP |
|------|-----------|------------|---------------|-----------------|-------------|
| 2012 | January   | -2,0       | 32,2          | -2,0            | 20,0        |
| 2012 | February  | -3,4       | 3,6           | -0,2            | 19,0        |
| 2012 | March     | 6,2        | 9,0           | 3,6             | 23,0        |
| 2012 | April     | 8,7        | 45,8          | 8,5             | 32,0        |
| 2012 | May       | 14,8       | 25,6          | 13,4            | 54,0        |
| 2012 | June      | 17,2       | 51,4          | 16,7            | 56,0        |
| 2012 | July      | 18,8       | 80,8          | 18,0            | 59,0        |
| 2012 | August    | 19,0       | 48,2          | 17,4            | 62,0        |
| 2012 | September |            |               |                 |             |
| 2012 | October   |            |               |                 |             |
| 2012 | November  |            |               |                 |             |
| 2012 | December  |            |               |                 |             |

[mm][°C]

**GRAPH AVERAGE TEMPERATURES AND RAINFALLS**



PHOTOSERVICE – PAGE 1



Production village Hrivice (location Woodland)



Focus on the plant



Production village Kroucova



Focus on the plant





Production village Rocov (location Woodland)



Focus on the plant



Production village Zelec  
(location Golden Creek Valley)



Focus on the plant