

## **In the Czech Republic was harvested 6615,7 tonnes of hops for year 2009**

Central Institute of Supervising and Testing, department of hop in Zatec (ÚKZÚZ, manager Mr. Vladimír Barborka) provided definitive data for harvest in 2009.

Total 6615,7 mt (2008 - 6759,2; 2007 – 5630,6) hops was harvested in Czech Republic in 2009. It is average yield 1,25 mt per hectare. (2008 – 1,27)

In main Saaz hop growing region was grown 4612,94 mt (2008 - 4576,2 mt), ie. yield 1,18 mt/ha (2008 - 1,16 mt/ha), in Auscha total 834,59 t (2008- 960,41 mt) ie. 1,24 mt/ha (2008 - 1,45 mt/ha) and in Trschitz hop region total 1168,13 mt (2008 - 1215,84 mt), ie. yield 1,58 mt/ha (2008 - 1,69 mt/ha).

It were to slight reduction of production against last year. Year 2009 is possible to assess as good against years 2006 and 2007. This year is fourth the best for last twelve years. Average yield remained the same at all regions. Unfortunately fact is permanent reduction of acreage in our country. Crop was unfortunately influenced by weather too. During vegetation and mainly late July and second decade of August by climatic events. Fall some tens hectares of trellises

### **Saaz semi-early red-bine (ZPC)**

Main part of production is fine aroma variety Saaz semi-early red-bine (81,55 % from total) 5395,25 mt (2008 - 5563,14 t). In Saaz region was harvested 3845,28 mt ie. yield 1,11 mt/ha (2008 - 3848,49 mt, 1,08 mt/ha), in Auscha region 726,76 mt ie. yield 1,22 mt/ha (2008 - 846,5 mt, 1,42 mt/ha) and Trschitz 823,21 mt ie. yield 1,43 mt/ha (2008 - 868,15 mt, 1,5 mt/ha). It was harvested about 167,89 mt less against 2008 and 831,85 mt more than 2007.

Acreage of ZPC to less about 1202 ha from 1999 and this is over 20 %. Fall of variety Saaz semi-early red-bine continues also thanks to less renewal but it is contrary more and 5 %. Further relating problem is very high average age growth of this variety in the Czech Republic.

### **Others Czech varieties**

Results of other Czech varieties we have evaluated individually and according to their properties and regions. Good result was recorded for aromatic variety Sládek with total production 567,93 mt, average yield 2,08 mt/ha (2008 – 548,63 mt, 2,29 mt/ha; 2007 - 488,2 mt, 2,27 mt/ha).

Production of aromatic variety Premiant was 483,88 mt, with yield 1,67 t/ha (2008 - 478,95 mt, 1,79 mt/ha; 2007 - 424,4 mt, 1,7 mt/ha). Total bitter variety Agnus was 123,84 mt, with yield 2,14 mt/ha (2008 - 114,1 mt, 2,19 mt/ha 2007 - 119,7 mt, 2,35 mt/ha). Yields slightly less per

two growing seasons. Increased production of varieties Sladek and Agnus and thanks slight grow acreage.

### **Bitter substance content**

Following values are for all Czech Republic according Chmelarstvi, cooperative Zatec (assessed by: 8.12.09)

Saaz semi-early red-bine	3,94 %
Sladek	7,58 %
Premiant	9,84 %
Agnus	11,81 %