

CZECH HOP PRODUCTION: 7145 T OF HOPS IN 2019*Production of Hops in the Czech Republic in 2019*

Variety/ Region	Saaz(t)			Auscha(t)			Tirschitz(t)			Czech Rep. (t)		
	2019	2018	2017	2019	2018	2017	2019	2018	2017	2019	2018	2017
Saaz	4 156	3 267	4 287	703	429	650	614	394	576	5 474	4 090	5 513
Sládek	513	302	349	101	62	75	217	134	190	832	498	614
Premiant	203	155	193	94	42	70	80	44	78	377	241	341
Agnus	111	84	87	21	5	10	4	2	0	136	91	97
Saaz Late	97	77	77	0	0	0	4	4	4	102	81	81
Kazbek	65	45	46	14	13	11	13	6	13	92	64	70
others	131	60	77	0	0	0	1	2	3	132	62	81
Total	5 277	3 990	5 116	934	551	816	935	586	864	7 145	5 126	6 797

According to the latest report from Central Institute for Supervising and Testing in Agriculture, the total hop production reached **7145 t** in the Czech Republic in 2019.

The above-mentioned table includes hop production in all **Czech hop growing regions – Saaz, Auscha and Tirschitz**. The average yield for all hop varieties grown in the Czech Republic was **1.43 t/ha**.

Despite the temperature fluctuations during the year, this year's harvest is above average. In the hop-growing regions, the winter was very mild and April was dry and warm. However, May was cold and with above-average rainfall in many places. This was followed by very hot June, followed by a drop in temperatures in the first decade of July. Fortunately, the rainy end of July and rainfall in the first half of August supported the growth and development of cones, especially for later harvested varieties. Positive effect showed irrigation in places with sufficient source of water, which means in locations around the Ohře, Vltava and Labe Rivers.

The total hop production in the Saaz hop region was 5277 t, which is 73.9 % out of the total production. In the Auscha hop region the production was 934 t, which is 13 % out of the total hop production and in the Tirschitz hop region the production reached 935 t (13.1 % out of the total production).

SAAZ variety

The fine aroma variety SAAZ accounts for 76.6 % out of the total production, which is 5474 t (2018–4090 t, 2017–5513 t). In the Saaz hop growing region, the total Saaz variety harvest reached 4156 t, in the Auscha hop growing region the production reached 703 t and in the Tirschitz region the number was 615 t.

Sládek, Premiant, Kazbek, Saaz Late, Agnus

832 tons were harvested of variety Sládek which is 67 % more than in 2018 when the cultivation area was increased by 24 ha. The average yield was 2.42 t. Premiant variety was harvested 377 t with an average yield of 1.95 t (2018–241 t).



With Saaz Late, the harvest reached 102 t, which is 21 t more than in the previous year, with an increase of only 1 ha since 2018. The Kazbek variety was harvested 92 t, which is 29 t more than in 2018 and the harvest of Agnus variety was 136 t (2018–90 t).

Content and production of alpha bitter acids

This year, the majority of varieties varied in the content of alpha acids among the hop regions and also locations within these regions. The alpha content of Sládek and Premiant varieties reached higher values, in comparison to 2018. However, the values are lower compared to the long-term average.

The content of alpha acids for Saaz was 3.4 % (2018 - 2.9 %, 2017 - 3.0 %, 2016 – 3,4 %), for Sládek 5.4 % (2018 - 4.3 %, 2017 - 6.2 %, 2016 – 6.5 %) and for Premiant 7.1 % (2018 - 5.1 %, 2017 - 7.6 %, 2016 – 8.5 %).

Market

The good harvest of 2019 made it possible to fulfil the concluded contracts with breweries. We also managed to cover part of other demands for the 2019 harvest. Currently, the harvest can be considered as sold out. Limited quantities from some previous harvests are available and smaller volumes are available, for example Kazbek variety.

At the same time the growers keep investing into replanting of their hop fields to stabilize their production and keep high investments into new technologies supplied by our Mechanizace Plant. Therefore, we are able to cope with climate change and maintain the high quality of Czech hops at the same time.

The harvest 2020 is basically under contracts already, we are selling out 2021 harvest. Contracts dating to 2025 have also been successful. Strong interest is visible in the traditional variety Saaz and other Czech varieties.

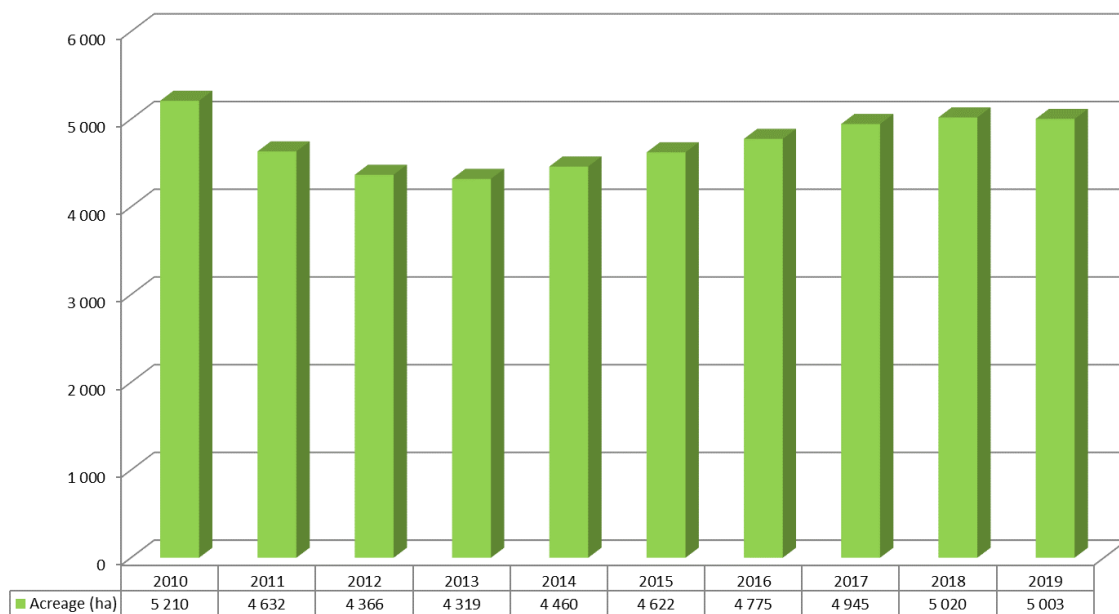


Pour Féliciter
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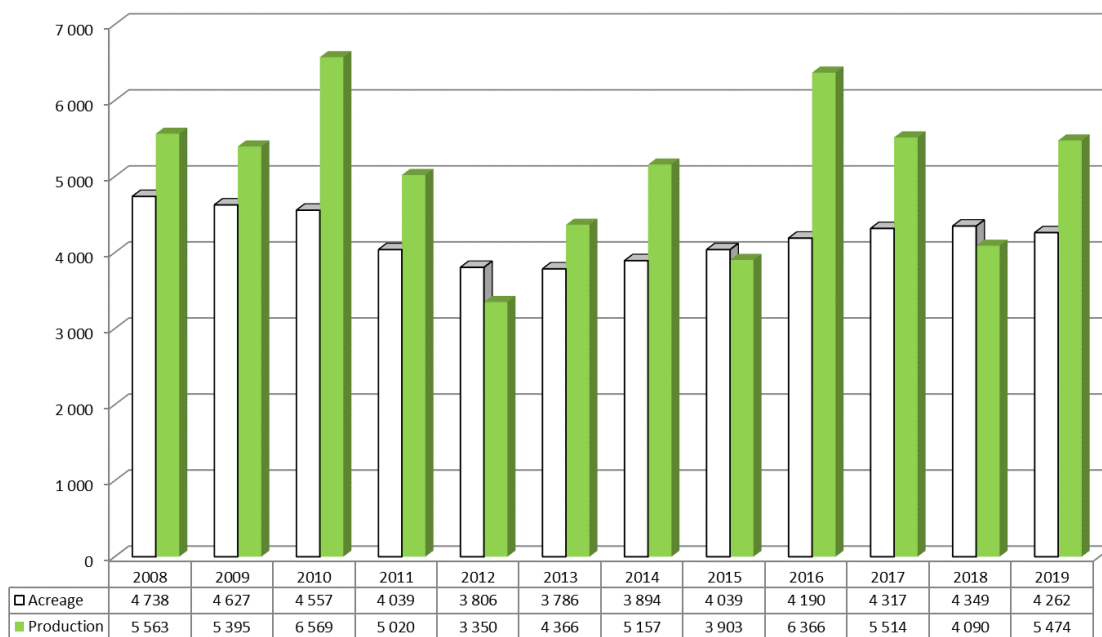


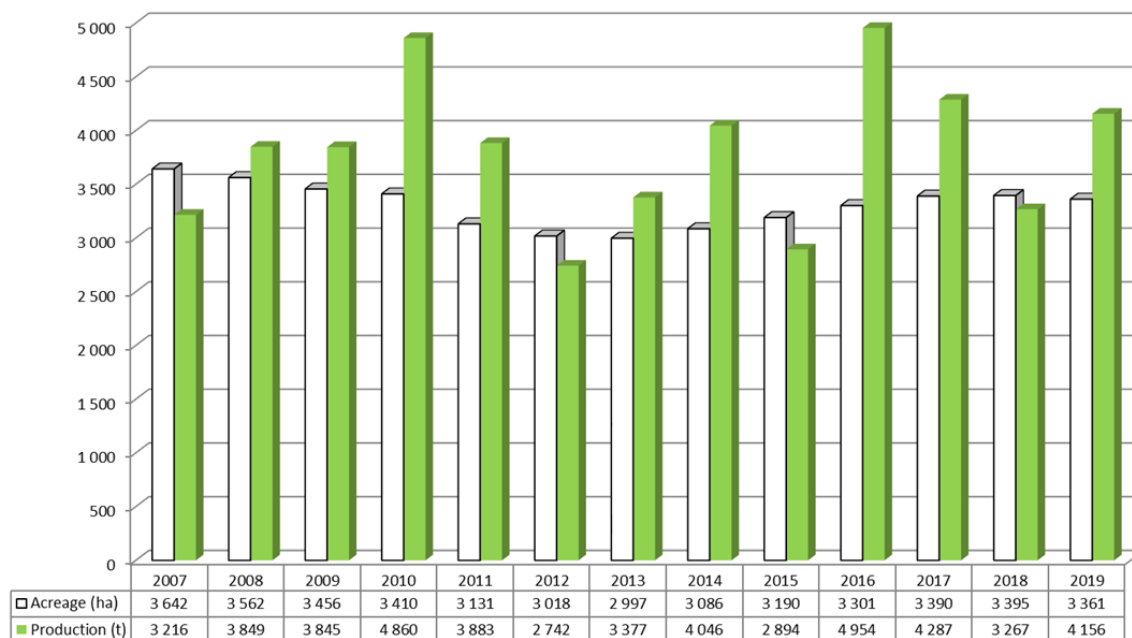
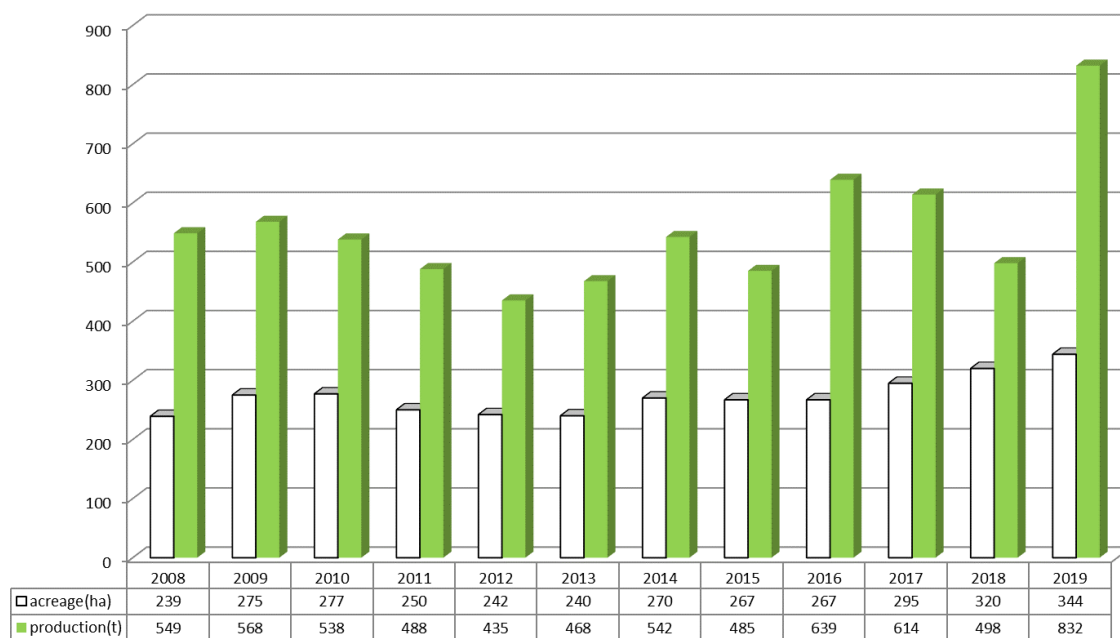
Graphs

Total Hop Acreage - Including All Varieties



SAAZ variety (Czech Republic) - Acreage and production



Variety SAAZ- Saz Hop Growing Region

SLADEK - Acreage and Production


PREMIANT - Acreage and Production

KAZBEK variety - Acreage and production
