



The hop production in the Czech Republic in 2022 reached 4452 t

Žatec, December 2, 2022



According to the official report from UKZUZ from December 1st, the total hop production in the Czech Republic reached 4452 t. In comparison to the above-average crop 2021 the production decreased by 3 853,38 t (2021 harvest was 8 305,72 t), which is a decrease of 46,39 %.

The vegetation was marked by long dry periods with very high temperatures and only short periods of rain. Higher rainfall with few storms came only in the second half of August. This was already too late for the plant and cone development and it also complicated the harvest operations.

The alpha acid content of the Saaz variety in 2022 was lower than the long-term average but other Czech hop varieties recorded values around the long-term average or in some cases above it.

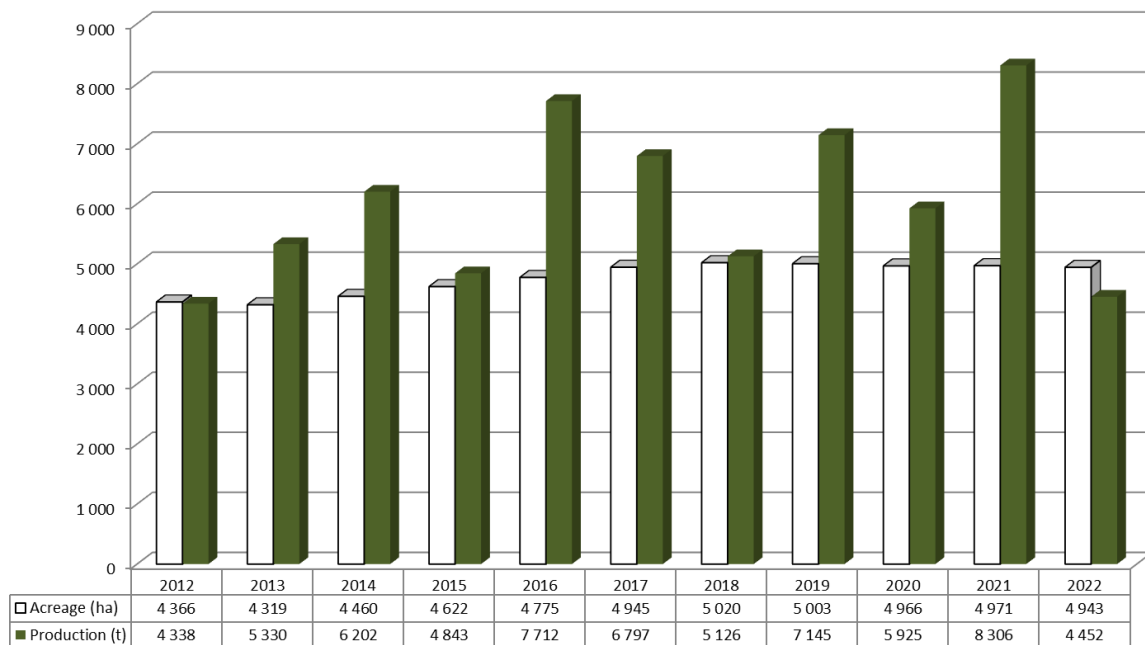


The following table includes all Czech hop regions – Saaz, Auscha and Tirschitz. The 2022 crop production was under average with a yield of only 0,90 t/ha. This was the lowest yield since 2000.

Variety/ Region	Saaz(t)			Auscha(t)			Tirschitz(t)			Czech Rep. (t)		
	2022	2021	2020	2022	2021	2020	2022	2021	2020	2022	2021	2020
Saaz	2 339	5 246	3 408	322	693	535	466	724	565	3 127	6 663	4 508
Sládek	442	598	447	117	128	88	166	176	215	724	902	749
Premiant	162	235	198	62	86	71	84	78	81	307	399	350
Agnus	71	78	84	27	26	19	4	4	3	101	108	106
Saaz Late	50	62	67	0	0	0	4	4	3	54	65	70
Kazbek	28	13	32	13	14	12	10	8	8	50	35	51
others	85	126	89	2	2	1	1	4	1	89	133	91
Total	3 176	6 358	4 323	543	950	726	733	998	876	4 452	8 306	5 925

The total production in the Saaz hop region was 3 176 t, i.e. 71,2 % of the total Czech crop. Auscha hop region produced 543 t (12,1 %) and Tirschitz region 733 t (16,7 %).

Total Hop Acreage and Production - Including All Czech hop Varieties





Saaz variety

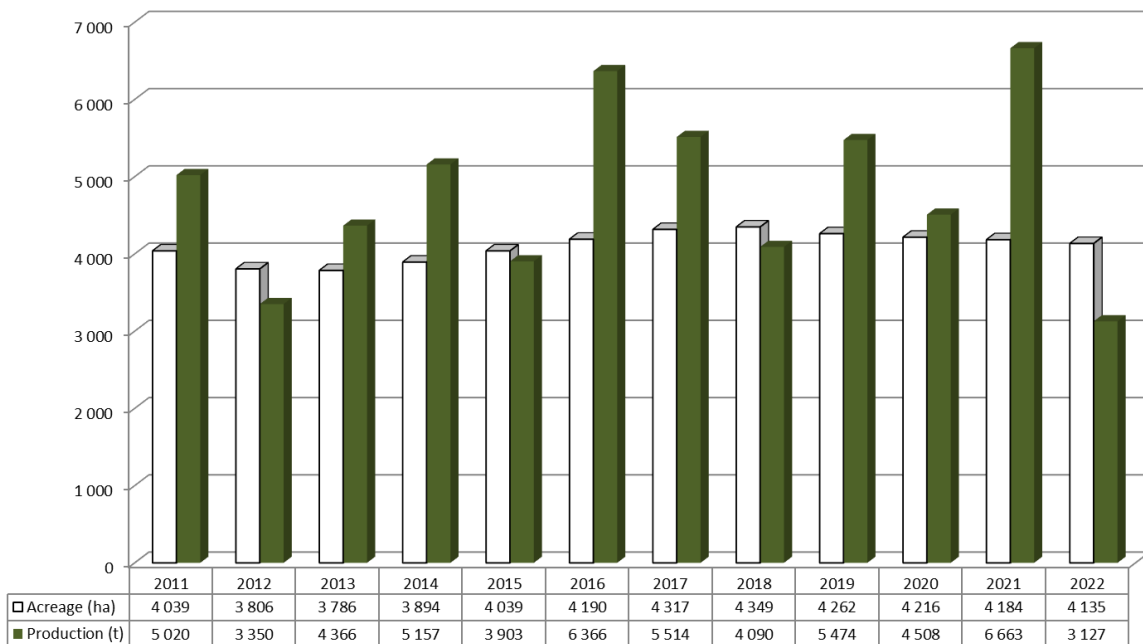
The total production of Saaz variety was 3 127 t (53,1% less compared to crop 2021). This is 70,2% share of total Czech hop production. Saaz region produced 2 339 t, Auscha 322 t and Tirschitz 466 t.

The final yield of 0,76 t/ha was one of the lowest yields in history (5-year average - 1,13 t/ha, 10-year - 1,19 t/ha).

The average production of Saaz variety for the last 10 years (2013 – 2022) is 4 917 t. This is 1 790 t above the 2022 production of 3127 t. Although there are regular natural variations from year to year we can still regard the long-term Saaz production as stable.

The average alpha acid content of Saaz in 2022 was 2,8 % (2021 -4,0 % ,2020 – 3,6 %, 2019 – 3,4 %, 2018– 2,9 %). The 2022 value is lower than the 5-year average (3,34%) as well as the 10-year average (3,11%).

SAAZ (Czech Republic) - Acreage and production



The lowest yields of Saaz variety since 1960

Crop Year	1961	1964	1974	2000
Acreage (ha)	-	-	-	-
Production (t)	-	-	-	-
Yield (t/ha)	0,71	0,75	0,79	0,77



Sladek, Premiant, Kazbek, Saaz Late, Agnus

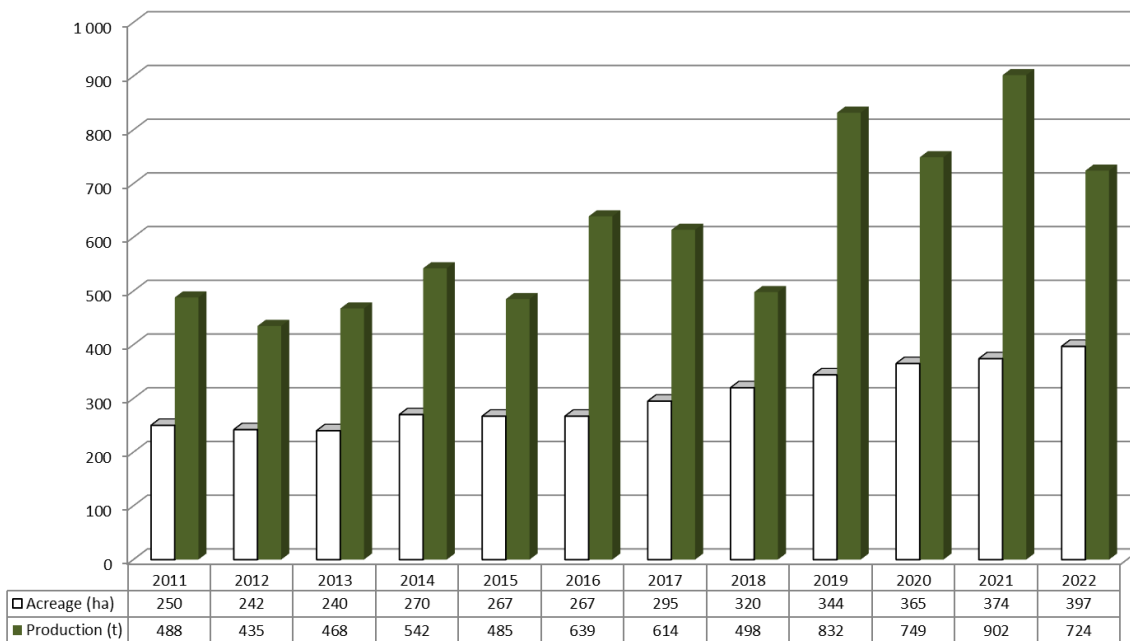
The climatic conditions in 2022 had the largest impact on Saaz variety. However also other Czech varieties recorded lower yields. Sladek 1,82 t/ha (5-year average 2,05 t/ha, 10-year average 2,05 t/ha), Premiant 1,44 t/ha (5-year average 1,69 t/ha, 10-year average 1,81t/ha).

The production of Saaz Late was 54 t and the production of Agnus 101 t. The production of Kazbek increased by 12 t with a total crop 50 t.

The alpa acid content of Sladek was 6,0% (2021- 7,7 % ,2020 – 6,8 %, 2019 – 5,4 %, 2018 – 4,3 %)- (5-year average 6,04 %, 10-year average 6,15 %).

Premiant alpa acid content was 7,8% (2021 -8,5 % 2019 – 7,8%, 2018 – 7,1 %, 2017 – 5,1 %) – (5-year average 7,26 %, 10-year average 7,5 %).

SLADEK - Acreage and Production

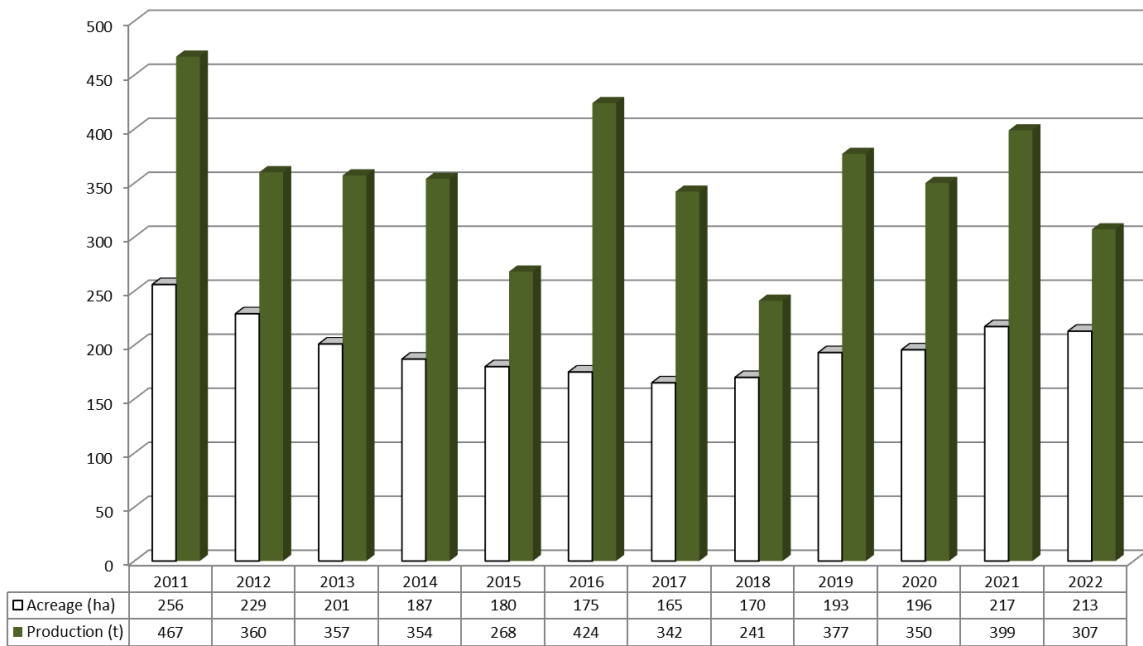


The average production of Sladek for 2013 – 2022 was 645 t. The 2022 production (724 t) is 79 t higher.

The average production of Premiant for 2013 - 2022 was 342 t. The 2022 production (307 t) is 35 t lower.



PREMIANT - Acreage and Production



KAZBEK - Acreage and production

