



cone shape is broad ovate
average cone length is 20 mm
average weight of 100 dry cones is 12 g
storžki so široko ovalni
povprečno 20 mm dolgi
100 suhih storžkov tehta povprečno 12 g



plant shape is cylindrical
main shoot is red
oblika rastline je cilindrična
trta je rdeče obarvana

disease resistance

downy mildew

primary infection	low
secondary infection	medium

powdery mildew

high

verticillium wilt

mild form	medium
lethal form	low

odpornost na bolezni

hmeljeva peronospora

primarna okužba	nizka
sekundarna okužba	srednja

hmeljeva pepelovka

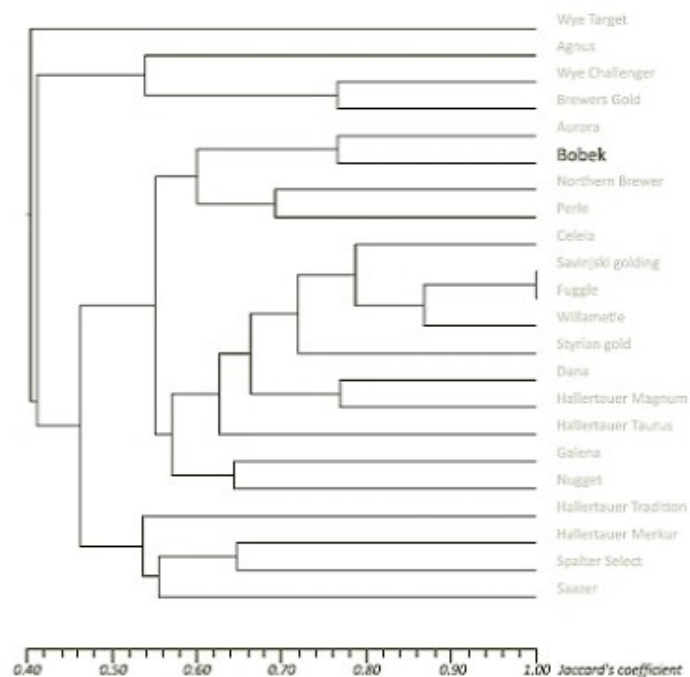
visoka

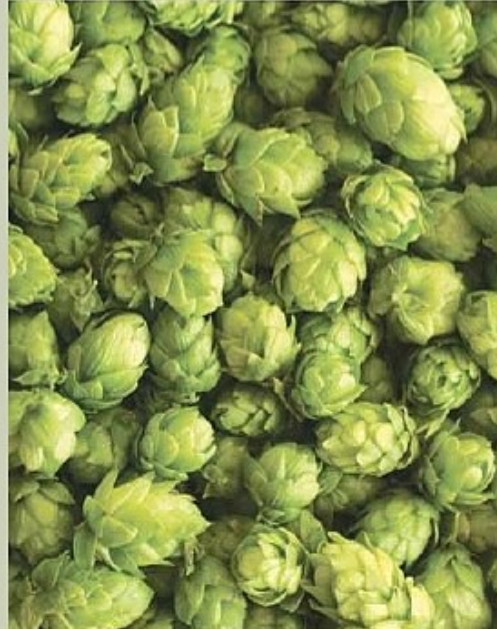
verticilijska uvelost

blaga oblika	srednja
letalna oblika	nizka

genetic analysis

genetska analiza





hop resins

α -acids (% w/w)	3,5 - 7,8	α -kislina (ut. %)
β -acids (% w/w)	4,0 - 6,1	β -kislina (ut. %)
cohumulone (% α -acids)	28 - 34	kohumulon (% α -kislina)
colupulone (% β -acids)	48 - 53	kolupulon (% β -kislina)
xanthohumol (% w/w)	0,3 - 0,4	ksantohumul (ut. %)

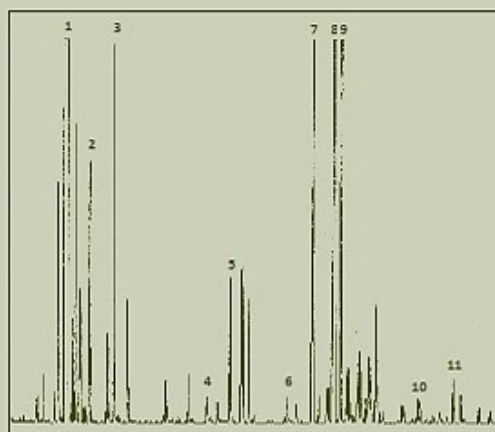
essential oils

total oil (mL/100 g hops)	0,7 - 4,0	(mL/100g hmelja)
relative % in oil		
myrcene	49 - 57	miracen
linalool	0,9 - 1,3	linalool
β -caryophyllene	4 - 6	β -kariofilen
α -humulene	13 - 19	α -humulen
farnesene	4 - 7	farnezen

oil components

gas chromatogram of hop essential oil

- 1 myrcene
- 2 trans α -cymene
- 3 linalool
- 4 geraniol
- 5 methyl-nonyl-keton
- 6 geranyl-acetat
- 7 β -caryophyllene
- 8 α -humulene
- 9 farnesene
- 10 humulene-1-epoxide
- 11 humulene-2-epoxide



hmeljne smole

eterična olja

vsebnost olja
relativni % v olju

oljne komponente

kromatogram eteričnega olja hmelja

- 1 miracen
- 2 trans α -cimen
- 3 linalol
- 4 geraniol
- 5 metil-nonil-keton
- 6 geranil-acetat
- 7 β -kariofilen
- 8 α -humulen
- 9 farnezen
- 10 humulen-1-epoksid
- 11 humulen-2-epoksid

Styrian Golding B



Bobek

Bobek is an aroma variety bred at the Slovenian Institute of Hop Research and Brewing in Žalec from the same crossing family as Aurora (Northern Brewer and Slovenian male germplasm).

This variety is recognised for its very good agronomic traits in hop production and processing. It is recognised for its pleasant hoppy aroma and its excellent bitterness that offers a very good brewing value.

Bobek je aromatična sorta, ki izvira iz iste družine križanja kot Aurora (Northern Brewer in slovenski moški hmelj) in je bila požlahtnjena na Inštitutu za hmeljarstvo in pivovarstvo Slovenije. Sorto odlikujejo zelo dobre agronomске lastnosti za pridelavo in spravilo hmelja.

Bobek je prepoznaven po prijetni hmeljni aromi ter odlični grenčici, katerih rezultat je zelo dobra pivovarska vrednost.

ripening time	medium early	tehnološka zrelost	srednje zgodna
storage stability	good	skladiščna obstojnost	dobra
yield	1600-2400 kg/ha	pridelek	1600-2400 kg/ha