

plant shape is cylindrical
red coloration on main shoot is weak
oblika rastline je cilindrična
trta je šibko rdeče obarvana



cone shape is medium ovate
average cone length is 29 mm
average weight of 100 dry cones is 15 g
storžki so srednje ovalni
povprečno 29 mm dolgi
100 suhih storžkov tehta povprečno 15 g



disease resistance

downy mildew

primary infection	medium
secondary infection	high

powdery mildew

high

verticillium wilt

mild form	medium
lethal form	low

odpornost na bolezni

hmeljeva peronospora

primarna okužba	srednja
sekundarna okužba	visoka

hmeljeva pepelovka

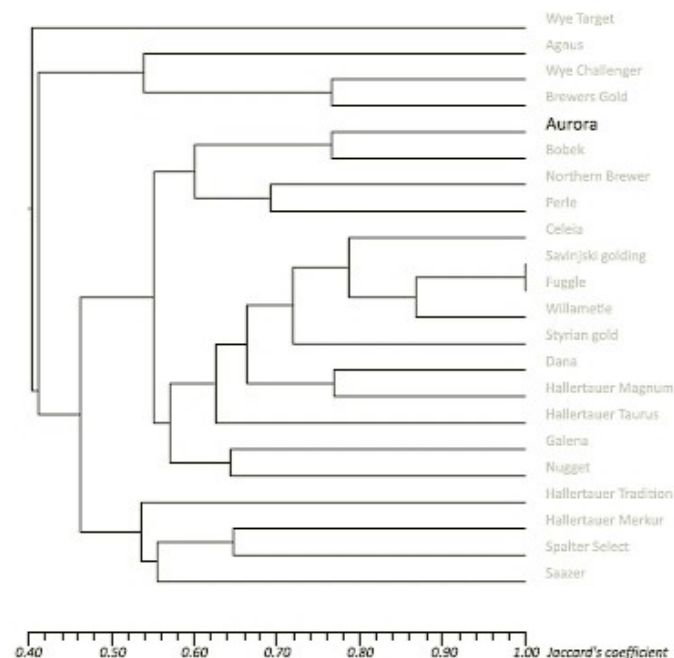
visoka

verticilijska uvelost

blaga oblika	srednja
letalna oblika	nizka

genetic analysis

genetska analiza





hop resins

α -acids (% w/w)	7,2 - 12,6	α -kislne (ut. %)
β -acids (% w/w)	2,7 - 4,4	β -kislne (ut. %)
cohumulone (% α -acids)	22 - 26	kohumulon (% α -kislil)
colupulone (% β -acids)	50 - 55	kolupulon (% β -kislil)
xanthohumul (% w/w)	0,3 - 0,5	ksantohumul (ut. %)

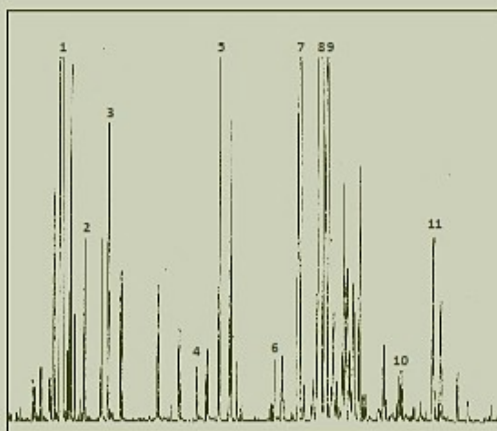
essential oils

total oil (mL/100 g hops)	0,9 - 1,6	(mL/100g hmelja)
relative % in oil		
myrcene	35 - 53	mircen
linalool	0,6 - 1,0	linalool
β -caryophyllene	4 - 8	β -kariofilen
α -humulene	20 - 27	α -humulen
farnesene	6 - 9	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-acetate
- 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 mircen
- 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

Super Styrian Aurora



Aurora

Aurora is an aroma variety bred at the Slovenian Institute of Hop Research and Brewing in Žalec from the English variety Northern Brewer and Slovenian genetic hop germplasm.

This variety is recognised for its excellent agronomic traits in hop production and processing. Aurora is known for its pleasant hop aroma and bitterness, which offers excellent brewing value.

Aurora je aromatična sorta požlahtnjena na Inštitutu za hmeljarstvo in pivovarstvo Slovenije v Žalcu in je potomka angleške sorte Northern Brewer ter slovenske dednine. Sorto odlikujejo zelo dobre agronomske lastnosti za pridelavo in spravilo hmelja.

Aurora je prepoznavna po prijetni hmeljni aromi in grenčici, ki se odražata v zelo dobri pivovarski vrednosti.

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