



HOP VARIETY CHARACTERISTICS

Agnus (high alpha variety)

Origin	selection from hybrid descendants of the varieties Sladek, Bor, Saaz fine aroma hops, Northern Brewer, Fuggle and other breeding material	
Aroma	strong hop aroma, spicy	
Vegetation period	132 – 138 days	
Yield	2,0 -2,5 MT/ha	
Growth habitus	medium growth, regular cylindrical shape, green-red bine, middle coneset	
Disease reaction	medium-resistant to powdery mildew and downy mildew	
Cone	egg-shaped, spiky in the apical part, regular spindle	
Hop resins	total resins	26,00 – 32,00 (% w/w)
	α -acids	11,00 – 15,00 (% w/w)
	β -acids	5,00 - 8,00 (% w/w)
	ratio α/β	1,90 – 2,60
	cohumulone	29,00 – 38,00 (% w/w)
	colupulone	51,00 – 59,00 (% w/w)
Essential oils	total oil	2,00 – 3,00 (% w/w)
	myrcene	40,00 – 55,00 (% w/w)
	linalool	0,40 – 0,80 (% w/w)
	β -karyophyllene	9,00 – 13,00 (% w/w)
	α -humulene	15,00 – 22,00 (% w/w)
	β -farnesene	< 0,2 (% w/w)
Polyphenols	total polyphenols	2,50 – 3,50 (% w/w)
	xanthohumol	0,80 - 1,10 (% w/w)