

Hop resins	Total resins	21-25 % w.
Alpha-bitter acids	7-9 % w.	
Beta-bitter acids	3-6 % w.	
Cohumulone	19-23 % w.	
Colupulone	40-45 % w.	
Essential oils	Total oil	1,0-2,0 g/100 g
Myrcen	35-50 % rel.	
2-undecanone	1,0-1,5 % rel.	
Methyl-4-decenoate	1,0-2,0 % rel.	
Beta-caryophyllene	7-11 % rel.	
Alpha-humulene	25-35 % rel.	
Beta-farnesene	0,5-3,0 % rel.	
Selinenes	0,5-1,5 % rel.	

Premiant - is characteristic by a higher alpha content and yield potential. Premiant was registered in 1996. The current acreage is around 200 ha with a production of 400 - 500 t. This variety was a part of a long trial. Premiant in its group mostly pushed out other varieties (Perle) and it is used in Czech breweries for the second hop addition. 50 % of its origin is Saaz fine aroma hops and has a low cohumulone content. It has positive effect on fine beer bitterness. According to our experience some breweries prefer to use Sladek and some Premiant - each variety has a unique character. Premiant has a neutral bitterness.

You can find more information in the [Atlas of Czech hop varieties](#)