



Freely filterable, liquid gum Arabic from *Acacia seyal*

Product description

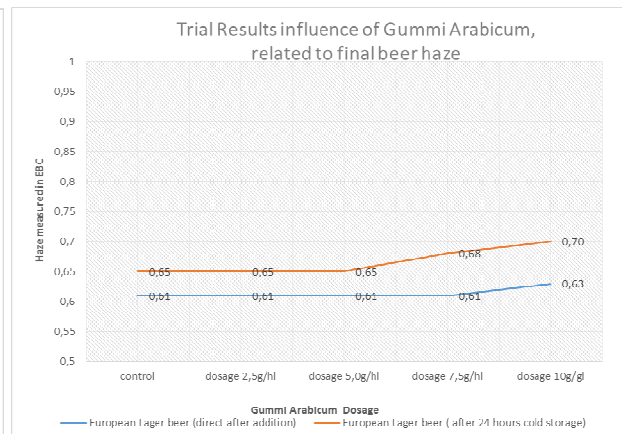
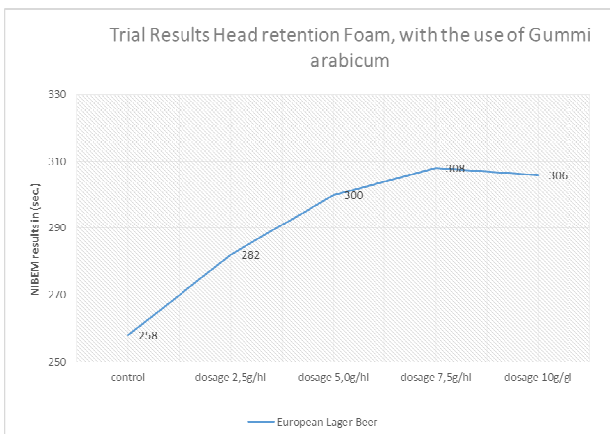
SweetGum® is a liquid gum Arabic (E414) containing stable macro-molecules. Low doses measurably increase beer head retention and foam, while not affecting haze. SweetGum® is freely filterable and can be added to the maturation tank prior to filtration or directly to bright beer.

- Improvement of head retention with low dosages
- When added to bright beer there is no impact on haze
- When added to the maturation tank there is no influence on filterability
- Low dosage additions significantly increase foam

Product and effect

SweetGum® is a blend of stable macro-molecules with an average molecular weight between 260 and 1,160 kDa. These molecules are a mixture of carbohydrates and proteins with high water binding ability, but which will not react with the tannins present in beer. The small particle size means SweetGum® will readily pass through a filter, therefore filterability is not affected. Due to the hydrophilic properties of the molecules, SweetGum® increases both foam quality as well as retention time. This is illustrated in the first diagram below. Since SweetGum® will not react with tannins, it has negligible effect on haze as illustrated in the second diagram. SweetGum® is stabilized with SO₂ and citric acid.

National Regulations have to be checked by the user.



Dosage

Recommended dosage is 5 - 15 mL/100 L (6 - 18 mL/Bbl). SweetGum® can be added to the maturation tank, during filtration, or directly to the bright beer tank.

Storage

Protect from heat and moisture. The ideal storage temperature is between 6 - 15 °C (43 - 59 °F).