

BREMOFERM®

Nutrient for Vinegar Production

BREMOFERM® is a specially tailored blend of vitamins, minerals and other nutritive substances for vinegar bacteria. This nutrient mix has been developed by VOGELBUSCH in view of an optimal growth of the vinegar bacteria in submerged fermentation. The main application of BREMOFERM® is in the production of spirit (alcohol) vinegar where the addition of nutrients is viable for vinegar fermentation. For other raw materials the mix can be adapted respectively to improve the nutritive value.

Application

The alcohol is mixed with process water and filtrated vinegar in one mash tank. In the nutrient vessel filtrated vinegar and BREMOFERM® and glucose are blended, added to the mash tank and mixed for dilution. This raw material treatment is done batchwise in the mash tanks by turn while the other is used as feed tank for the fermentation

Consumption

BREMOFERM® is added to the mash together with glucose at a ratio of 1:2.

Consumption calculated on 10% vinegar	approx. per 10,000 l
Alcohol (calculated 100 vol %)	1,070 l
Process water (for dilution and cleaning)	10 m ³
BREMOFERM®	5 kg
Glucose	10 kg

The standard packaging of BREMOFERM © is in 25 kg drums.

Yield

Typical vinegar yields gained with alcohol are 93 to 95 %.