

mauriform™



Mauriform Gold is recommended for improving fermentation and reducing the risk of stuck and sluggish fermentations. This unique fermentation aid contains inactive yeast cell walls, nitrogen, vitamins and trace elements. Mauriform Gold was developed by AB Mauri's Research Centre in Sydney, Australia.

Mauriform Gold improves fermentation by removing toxic fatty acids.

Inactive yeast cell walls absorb toxic medium-length chain saturated fatty acids. These toxic fatty acids can accumulate during fermentation, inhibiting sugar transport into the yeast cell and resulting in a slow or stuck fermentation.

Mauriform Gold improves fermentation by providing nutrients for yeast cell division.

Yeast cell walls also provide a source of sterols and other components essential for yeast cell division.

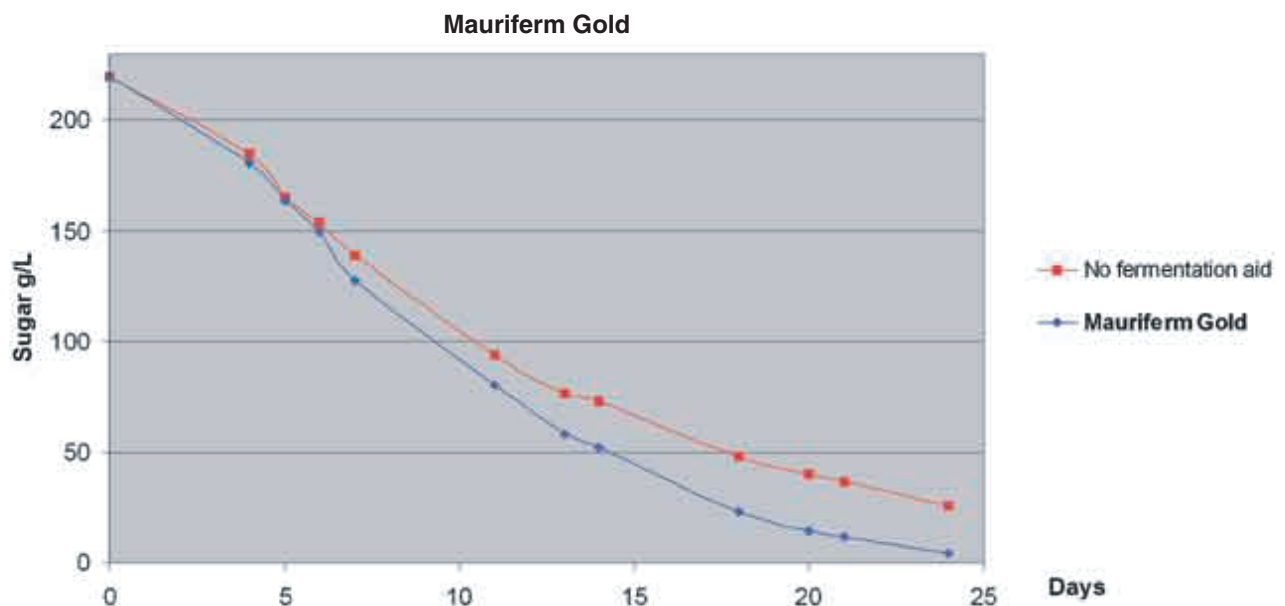
Mauriform Gold improves fermentation with the provision of nitrogen.

Nitrogen is essential for protein synthesis and sugar transportation. Nitrogen deficiency can also result in the production of undesirable compounds such as hydrogen sulphide. The yeast assimilable nitrogen (YAN) content of Mauriform Gold is 20 mg N/L.

Mauriform Gold improves fermentation with the addition of vitamins and trace elements.

Vitamins and trace elements are essential for protein synthesis, sugar metabolism, enzyme activity and cell wall synthesis.

Dosage: Add 30 g/HL direct to the juice/must when 1/3 of fermentation is complete.



Trials undertaken with strain Maurivin B in a nutrient deficient grape juice medium at pH 3.5 with an initial sugar concentration of 220 g/L (glucose/fructose). Mauriform Gold added at Day 6. Results may vary for different juice/must.