

Trimeta™ Fermentation Enhancer

A powerful process treatment designed to help ethanol producers overcome fermentation productivity challenges by maximizing the use of sugars within the bioreaction.

YOUR CHALLENGE:

To produce ethanol in the most efficient way possible, you leverage fermentation treatments such as antibiotics to ensure infection prevention. However, you are constantly looking for ways to improve your fermentation process to gain additional operational efficiencies.



Why Trimeta Fermentation Enhancer?

Our product is an antibiotic -free fermentation process additive that can be used to achieve similar or better fermentation results as seen with traditional antibiotic use.^{1,2}

By increasing final ethanol and decreasing final total sugar,³ Trimeta Fermentation Enhancer can help enable plants to boost ethanol yield², unlock energy savings, and help eliminate the need for antibiotics. It promotes efficient fermentation by supporting optimal conditions for ethanol producing microorganisms.

Its a smarter path to optimized performance with an eye to the projected regulatory challenges of antibiotic use, helping you get ahead of the curve.



Antibiotic Free Product

Help amplify DDGS
market value



Increase Ethanol Levels

Increase ethanol
concentration at drop³



Reduce Energy Consumption

Reduce sugar foulant
sent to evaporators^{3,4}

1 The ethanol concentration at end of reaction, when considering process inputs (such as fermentation solids), was shown in trials to increase anywhere from 0.04-0.15 percentage points.

2 The proxy for ethanol yield is solids-adjusted increase in drop ethanol which was shown in trials to increase anywhere from 0.04-0.15 percentage points.

3 In trials there was a statistically significant drop in total sugar levels and a statistically significant increase in solids-adjusted drop ethanol levels compared to the baseline where antibiotics were used.

4 Energy reduction calculation based on impact of drop total sugars on the evaporator energy use.

