

PhibroBreak™

PRODUCT GUIDELINES

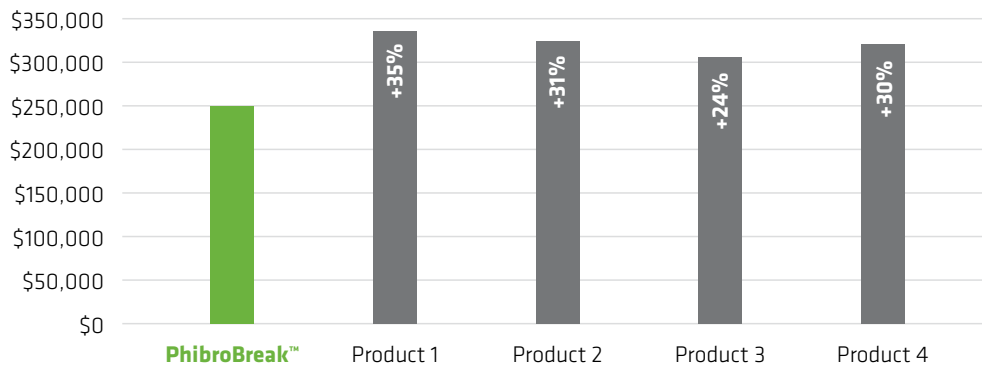
PhibroBreak™ corn oil yield enhancers are next-generation NON-SORBATE formulations that increase and optimize corn oil production under the dynamic conditions present in ethanol production facilities.

How does *PhibroBreak* work?

PhibroBreak is added to the mid-stillage (syrup) stream prior to the oil centrifuge separators to enhance the separation and production of corn oil. Use of an accurate, positive-displacement dosing pump is recommended to ensure accurate and consistent application of product.

**Figure 1:
Data from
Plant Trial**

Estimated Annual Cost of Additive



Data based on a comparison study conducted by an independent plant at recommended dosages.

Dosage

Typical dose rates range from 100 to 400 ppm based on mid-stillage flow rates to the centrifuge system.

Regulatory

PhibroBreak is Generally Recognized As Safe (GRAS) and therefore suitable for use under the Food Safety Modernization Act (FSMA).



Packaging and Storage

PhibroBreak is available in 2,400-pound totes. Product should be stored under moderate temperature conditions (60F-100°F) to facilitate easy pumping and handling. For storage and production environments below 60°F, a heat blanket is recommended. *PhibroBreak* will not freeze and will remain stable if subjected to freezing conditions for a prolonged period. The product will gel under these conditions, and will require warming to above 60°F prior to use to facilitate pumping.

Shelf Life

Six months

Appearance

Cloudy, opaque liquid

Safety and Handling

When handling *PhibroBreak* products, use of chemical-impervious gloves and eye protection in accordance with good industrial hygiene and safety practices is recommended.

Call your Phibro representative today to see if *PhibroBreak*™ is right for you.



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