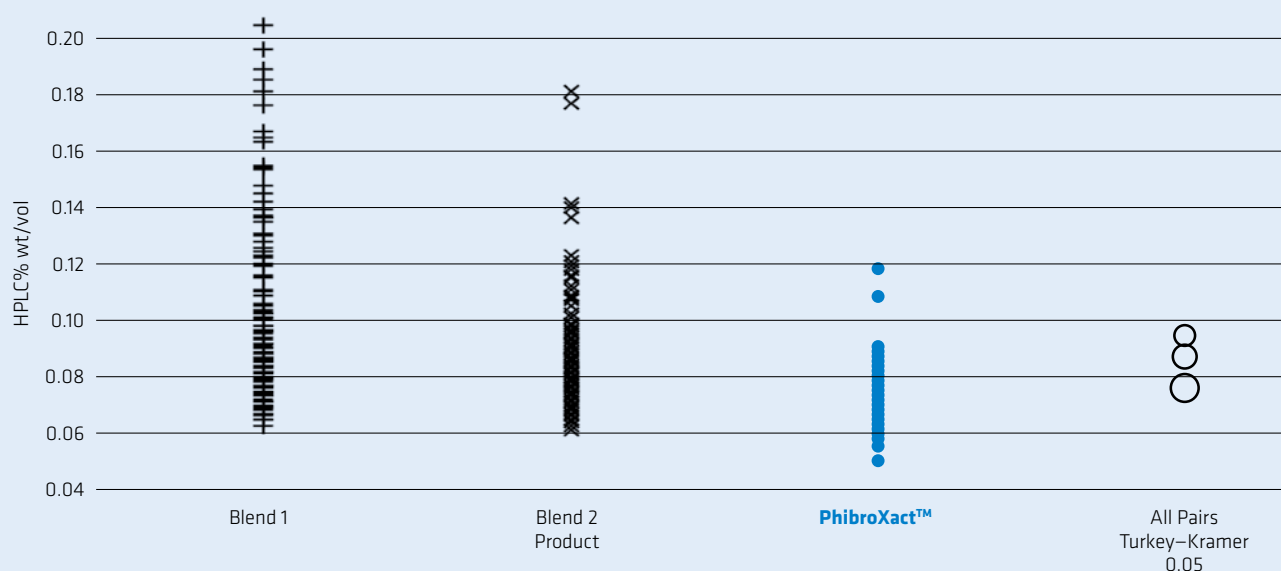


PRODUCT GUIDELINES

Demonstration of Performance

- *Lower-Lactics* – *PhibroXact* showed the lowest Lactic Acid production in plant trials compared to other blends.
- *Xact-Blends* – Custom blends available based on lab and OmniLog MIC (minimum inhibitory concentration) testing. Get exactly the blend your plant needs.
- *Reduced-Infections* – Plant data shows fewer infections after the implementation of *PhibroXact*.



What is *PhibroXact*?

PhibroXact is a custom blended antimicrobial specifically formulated to inhibit protein synthesis in Gram-positive bacteria in all stages of growth, and also inhibits bacterial cell wall biosynthesis.

The combination of bacterial control mechanisms leads to effective bacterial inhibition, especially in challenging fermentations. There is evidence of improved bacterial control due to synergistic activities in *PhibroXact*.

Dosage and Direction for Use

PhibroXact is typically added to propagation and fermentation for Gram-positive bacterial control. Normal recommended dosage rates are between 0.25 ppm and 2.0 ppm, dependent upon the level of bacteria present. Dosages up to 2.5 ppm can be used in high-contamination situations. The concentration is calculated using the ratio of 1 ppm equals 1-pound in 108,000 gallons of mash.

Regulatory

PhibroXact is generally recognized as safe and therefore suitable for use under Food Safety Modernization Act.



Packaging

PhibroXact is available in 1/2-pound or 1-pound water-soluble biodegradable bags contained in 25-pound plastic pails or 50-pound circular fiberboard drums. Determined ratio/blends of *PhibroXact* can be manufactured to fit plants' fermentation needs.

Shelf Life

The product has a shelf life of three years and must be stored dry and at room temperature.

Appearance

Off-white/Taupe powder

Kosher Status

Certified Kosher Pareve

Safety and Handling

Hazard Statements

- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause an allergic skin reaction

Precautionary Statements – Prevention

- Refer to safety data sheet and product label

Precautionary Statements – Response

- Refer to safety data sheet and product label

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



Antimicrobials • Process Aids
Cleaning Products • Yeast

A Division of Phibro Animal Health Corporation • 300 Frank W. Burr Blvd., Ste 21, Teaneck, NJ 07666-6712
EthanolPerformanceGroup.com • 1-800-223-0434 • 201-329-7300 • Fax 201-329-7034