

# PROTYX AERIAL™

## FUNGICIDE ACTIVATOR

Ordinary adjuvants were not designed to optimize fungicide performance. Most adjuvant formulations used today were developed as early as the mid 1960s, well before the discovery of modern triazole and strobilin fungicides. Spreader-stickers lack the ability to improve uptake of systemic fungicides into the plant and ordinary surfactants do little to move oil-soluble systemic fungicides past leaf surface barriers. While crop oil concentrates can help improve uptake of oil-soluble fungicides, they run the risk of causing crop injury or mixing problems when used at higher rates and low water volumes.

Whether applications are made by ground, or by air, ordinary adjuvants simply aren't formulated to maximize the biological activity of today's fungicides.

### IMPROVED TECHNOLOGY FINALLY INTRODUCED

PROTYX™ technology was first introduced into the agricultural market in 2003 after three years of research in optimizing fungicide performance. Since its inception, university and independent research and in-field testing prove that PROTYX technology outperforms ordinary adjuvants.

### PROTYX AERIAL IS DESIGNED TO PERFORM.

PROTYX AERIAL is an activator adjuvant specifically formulated to enhance the performance of a wide range of fungicides, and their tank mixes, when applied by aerial application equipment. PROTYX AERIAL combines the proven fungicide activation technology of PROTYX with phytoblend oils and phosphate esters to buffer the spray solution, improve compatibility and enhance deposition of fungicides and insecticides into the target crop canopy. Use PROTYX AERIAL when a phytoblend crop oil is required.

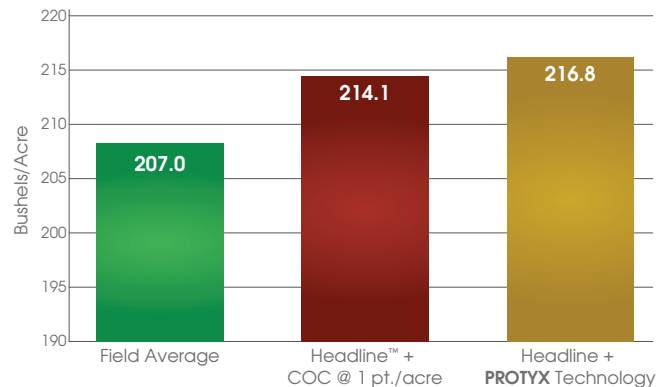
#### Selection Guide for Fungicide Adjuvants

	Improves Compatibility	Maximizes Coverage	Optimizes Uptake	Resists Wash-off	Crop Safety	Added ROI
PROTYX AERIAL	●	●	●	●	●	●
Nonionic Surfactant	●	●	●	●	●	●
Spreader/Stickers	●	●	●	●	●	●
Silicone Surfactants	●	●	●	●	●	●
Crop Oil Concentrates	●	●	●	●	●	●

● Good ● Fair ● Poor

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### PROTYX EFFECT ON HEADLINE® IN AERIAL APPLICATIONS



2007 On-Farm Trial: Nebraska.

PROTYX AERIAL delivers more value. Using ordinary crop oil in aerial applications can cause mixing problems that can keep applicators grounded. PROTYX AERIAL's unique formulation includes compatibility agents to provide applicators better mixing and stability characteristics. PROTYX AERIAL delivers more value to applicators and their grower customers.

- Utilizes the proven fungicide activation technology of PROTYX.
- Buffers the spray solution to an optimum pH range.
- Includes compatibility agents for fewer mixing problems.
- Simple, 0.5–1.0 pint per acre use rate.
- Meets current and supplemental Headline® label guidelines.

Specialized chemistries that enhance plants, seeds, soil and water.  
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