

# VERTEX™

## NONIONIC SPREADER ACTIVATOR SURFACTANT

### NOT ALL SURFACTANTS ARE CREATED EQUAL

Surfactant structure, actual surfactant load and humectant content are all important variables that work together to influence the performance characteristics of a nonionic surfactant. However, most surfactant labels do not provide precise information relative to the true content of the formulation.

### THE CPDA CERTIFICATION PROGRAM

In 2001, the Council of Producers & Distributors of Agrotechnology (CPDA) launched a voluntary Adjuvant Certification Program to encourage good product stewardship in the manufacture and labeling of agricultural adjuvants. Under this program, adjuvant manufacturers provide specific formulation information to a panel of industry experts for review. Product label claims are scrutinized for accuracy and conformation to accepted industry definitions and standards before certification is granted.

For nonionic surfactants, the top three formulation components must be listed on the label and the actual surfactant content must be separately stated, giving applicators a clearer picture of the adjuvant's formulation and performance potential.

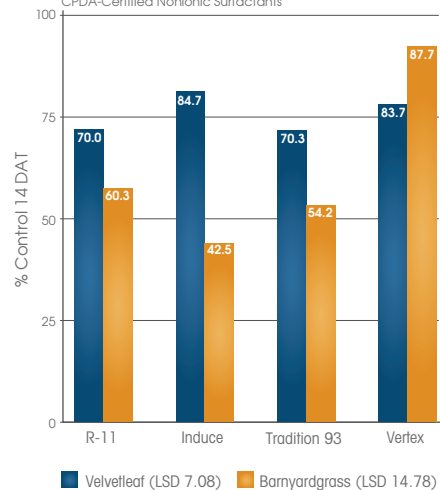
### VERTEX™ IS A CPDA-CERTIFIED NONIONIC SURFACTANT

Vertex is formulated for applicators that expect to deliver the best performance possible, and want the associated assurance of complying with pesticide labels that state a preference for a CPDA-certified surfactant. With a higher true surfactant load than most surfactants on the market, Vertex maximizes pesticide performance by improving spray solution wetting, coverage and penetration of target leaf surfaces.

### EFFICACY DATA IS STILL IMPORTANT

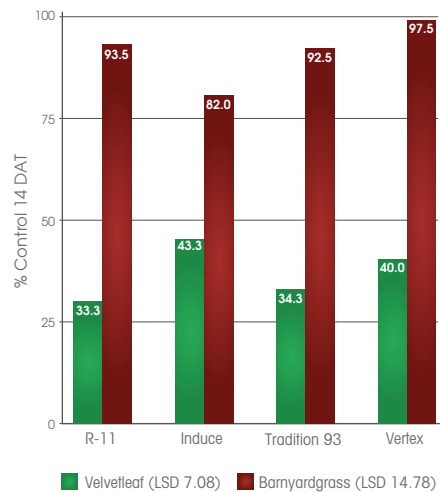
CPDA Certification is not a substitute for efficacy data, but it narrows down the field of choices to those most likely to deliver higher levels of performance under a wider range of growing conditions. Remember to ask suppliers for performance data before making your choice.

**VERTEX PERFORMANCE WITH GLYPHOSATE**  
CPDA-Certified Nonionic Surfactants



\* Glyphosate applied as Touchdown HiTech®  
\* All surfactants applied at .25% v/v  
\* University greenhouse study 2013

**VERTEX PERFORMANCE WITH RIMSULFURON**



\* Rimsulfuron applied as DuPont™ Resolve® DF  
\* All surfactants applied at .25% v/v  
\* University greenhouse study 2013

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