

# N-Serve™

Optinyte™ technology

## NITROGEN STABILIZER

### PROTECT YOUR INVESTMENT

N-Serve™ nitrogen stabilizer slows the conversion of ammonium nitrogen ( $\text{NH}_4^+$ ) to nitrate nitrogen ( $\text{NO}_3^-$ ). Both forms are plant available, however nitrate nitrogen is much more prone to loss from denitrification and leaching. N-Serve ensures that the nitrogen that you apply is available when the crop needs it, helping to maximize yield.

### PREPARE FOR THE BEST POSSIBLE YIELD

Optinyte™ Technology that powers N-Serve has been proven to increase yield of 8% in canola\*\*, 7% in corn\*, 6% in wheat\*\* on average, and provide a 28%\* increase in soil nitrogen retention.

### SUPPORT BEST LAND STEWARDSHIP

N-Serve decreases nitrogen leaching by 16%\* and the emission of greenhouse gases by 51%\*, reducing the environmental impact of fertilizer use.

**Keep nitrogen in the root zone longer and protect your nitrogen investment to optimize yield and profit potential.**

### N-SERVE APPLICATION GUIDELINES

#### CROPS

Canola, Corn, Wheat

#### RATE

0.95 L/ac

Designed for use with anhydrous ammonia

#### PACKAGING

One 950 L tote treats 1,000 acres.

#### APPLICATION METHOD

- Spring: simultaneously with your anhydrous application
- Fall: simultaneously with your anhydrous, up to 2 weeks earlier than you would typically apply

## BENEFITS OF USING NITROGEN STABILIZERS

### INCREASED

CANOLA  
YIELD\*\*

8%

CORN  
YIELD\*

7%

WHEAT  
YIELD\*\*

6%

NITROGEN  
RETENTION\*

28%

### DECREASED

GREENHOUSE  
GAS EMISSIONS\*

51%

NITROGEN  
LEACHING\*

16%

\*Wolt, J.D. 2004. A meta-analysis of nitrpyrin agronomic and environmental effectiveness with emphasis on corn production in the midwestern USA.

\*\*Based on Corteva Agriscience Canada research trials