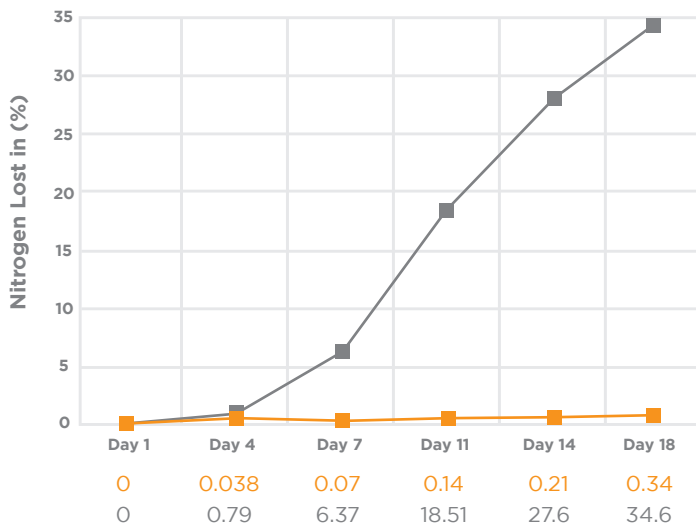


## ABOVE AND BELOW GROUND NITROGEN PROTECTION



**XTEND™ RETAINED 99.6% OF IT'S NITROGEN**



**XTEND™**      **UNTREATED UREA**

*XTEND™ urea inhibitors for volatilization are recognized by the Association of American Plant Food Control Officials (AAPFCO) as a stabilized nitrogen.*

### REDUCED VOLATILIZATION

XTEND™ stabilized urea contains a urease inhibitor that protects urea nitrogen from above ground loss by reducing volatilization to the atmosphere. This is accomplished by inhibiting the urease enzyme from transforming the urea into an ammonia form, which can be easily dispersed into the atmosphere. By delaying this transformation, you will have more urea nitrogen left in the soil for plant uptake.

### REDUCED NITRIFICATION

XTEND™ stabilized urea contains a nitrification inhibitor that affects the urea nitrogen cycle below the surface by slowing down the Nitrosomonas bacteria found in the soil. This slowing down effect of the Nitrosomonas bacteria blocks the conversion of urea to nitrate, thus keeping the urea nitrogen in a nonleaching form.

### XTEND™ BENEFITS

- X Dependable performance across varying soil conditions (e.g. pH, temperature, moisture)**
- X Quick green-up and sustained color**
- X Virtually eliminates N loss due to mower pick-up**
- X Environmentally responsible with low potential for nutrient leaching, denitrification, runoff or volatilization**



**ANALYSIS** 44-00-00  
**GRADE** XTEND™ 220 SGN | XTEND™ 160 SGN  
**USES** As an ingredient in dry fertilizer blends. Can be applied directly.