



# INSTINCT™ NITROGEN STABILIZER.

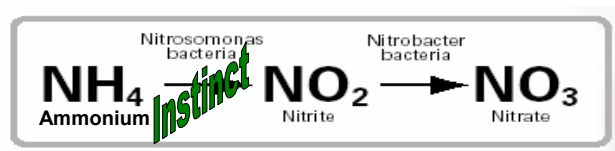
Protects nitrogen at the plant root zone.

## Instinct™ Nitrogen Stabilizer

- Active ingredient is nitrapyrin
- Encapsulated nitrogen stabilizer
- Optimizes yield potential when used with liquid nitrogen liquid manure and urea
- Instinct is water based and mixes well with UAN solutions fertilizer
- Compatible with most herbicides and insecticides
- Must be incorporated within 10 days by either ½ inch of rain or mechanical incorporation

## How Does Instinct Work?

Instinct controls the Nitrosomonas bacteria in the soil keeping Nitrogen in the stable ammonium form longer and protected from leaching and denitrification.



## Mixing

Instinct can be tank-mixed with the following fertilizers:

- UAN (such as 28% and 32%)
- Ammonium sulfate (AMS)
- Liquid manure
- Aqua ammonia
- Liquid fertilizers containing N, phosphorus and potassium (such as 10-34-0)

Instinct can also be Impregnated onto urea and most dry ammoniacal fertilizer blends.

## Application Rates

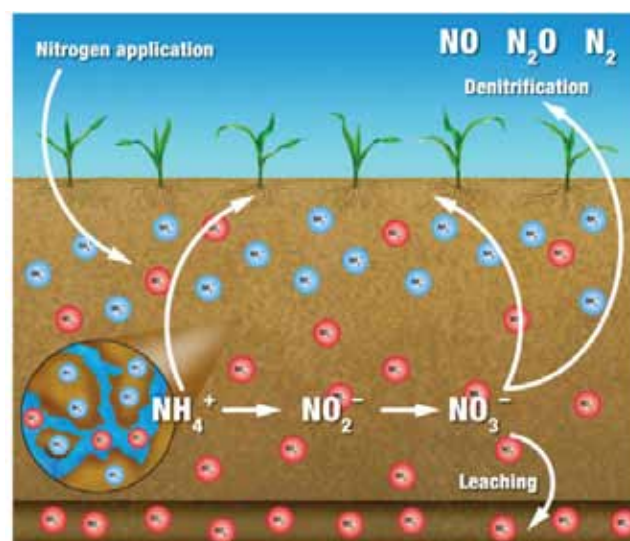
### Spring applications:

- 35 ounces per acre

### Fall applications:

- 35 to 70 ounces per acre

## What Happens to Unstabilized Nitrogen?



## When Do Nitrogen Losses Occur?

Most Nitrogen Losses occur during the Spring:

- Spring Rains and warm soil temperatures lead to heavy losses through both leaching and denitrification.
- Stabilizing with Instinct greatly reduces both leaching and denitrification protecting nitrogen in the root zone.

## Stronger, Healthier Plants

- Increased yield
- Increased grain protein
- Improved standability
- Reduced risk of stalk rot
- Faster crop drydown
- Increased grain test weight

To learn more about Instinct, contact your local Dow AgroSciences sales representative.

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