

Instinct® II

PROTECTS NITROGEN AT THE PLANT ROOT ZONE

NITROGEN STABILIZER

Instinct® II Nitrogen Stabilizer

- Active ingredient is nitrapyrin
- Encapsulated nitrogen stabilizer
- Optimizes yield potential when used with liquid nitrogen, liquid manure and urea
- Instinct® II 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® II Work?

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



Mixing

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

Application Rates

Spring applications:

- 37 ounces per acre

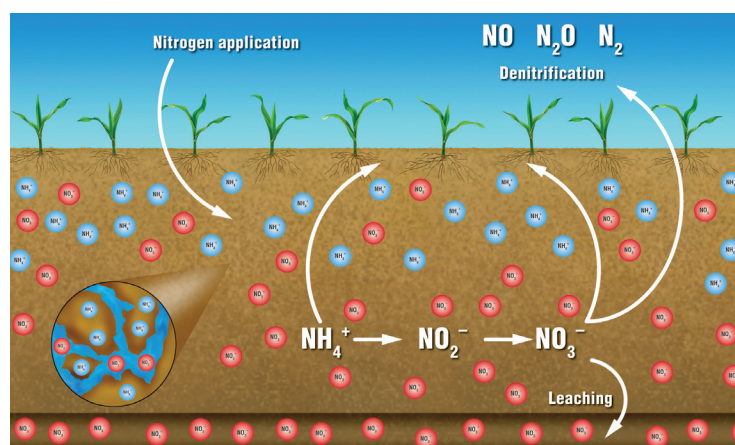
Fall applications:

- 37 to 74 ounces per acre

Sidedress applications:

- 19 to 37 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® II greatly reduces both leaching and denitrification protecting nitrogen in the root zone.

Stronger, Healthier Plants

- Increased yield
- Increased grain protein
- Improved standability
- More natural dry down
- Increased grain test weight

For more information about Instinct® II visit NitrogenStabilizers.com or contact your local Dow AgroSciences sales representative.