

NITROGEN STABILIZER

NEW PRODUCT for 2026

About Innova® 34% DCD

Innova 34% DCD is a patented dicyandiamide (DCD) formulation designed to stabilize nitrogen by slowing the conversion of ammoniacal nitrogen (NH₄⁺) to nitrate (NO₃⁻).

It contains 34% DCD in a patented solvent system and includes *NitroPatch*™ polymer technology that extends the life and performance of DCD, providing longer lasting belowground nitrogen protection than standard DCD products.

Benefits of Innova 34% DCD

- Reduces nitrogen loss by slowing nitrification, helping limit nitrate leaching and denitrification losses.
- Keeps nitrogen in the ammonium form (NH₄⁺) longer, which is positively charged and more favorable to retention on soil colloids and plant uptake.
- *NitroPatch* polymer technology reduces DCD mobility in the soil and extends the active life of DCD, providing longer lasting belowground protection.
- Patented formulation supports one of the highest DCD active concentrations available.
- Easy to use with UAN and other ammoniacal nitrogen sources.

ACTIVE INGREDIENTS

Dicyandiamide (DCD).....	34.0%
Solvents, polymers, and inert ingredients.....	66.0%
Total.....	100.0%

Mode of Action

Dicyandiamide (DCD) temporarily suppresses the activity of ammonia-oxidizing *Nitrosomonas* bacteria, slowing the conversion of (NH₄⁺) to (NO₃⁻).

This suppression is temporary and reduces nitrogen loss risk during the window when applied N is most vulnerable without harming soil health.

Application Instructions

UAN and other ammoniacal nitrogen sources:

Apply 1-3 qt./ton of fertilizer. Use the higher end of the range where nitrification and N loss risk is elevated (warm soils, high rainfall/irrigation, coarse textured soils, or early season applications).

