



Increase Yields While Decreasing Nitrogen Rates up to 20%

Slow release Guardian products hold nitrogen in the root zone over a longer period of time, allowing you to decrease losses, reduce nitrogen rates 10 to 20 percent, and measurably increase crop yields. This non-toxic formula contains dicyandiamide (DCD) which has gained worldwide recognition for its use with ammonium-containing fertilizers. Available in dry or liquid formulas

Benefits of Guardian:

- Enhances nitrogen nutrition
- Guards against groundwater contamination from excess nitrates
- Keeps plant-available nitrogen in the root zone longer

Reduce Nitrogen Loss

An average of 25 percent of the nitrogen you apply may be lost through:

- Denitrification – nitrogen escapes to the atmosphere
- Leaching – nitrogen moves deeper into the soil, away from crops
- Runoff – nitrogen is lost to rainwater and erosion

Guardian slow-release nitrogen fertilizer additive works with your nitrogen in both light, sandy soils

and wet, poorly drained soils. Slowly-available nitrogen remains in the root zone longer, giving growing plants a better opportunity to utilize it more efficiently. Add Guardian to your fluid fertilizer suspensions, urea solutions, urea ammonium nitrate (UAN) solutions, and liquid manures.

Increase Yields

When Guardian is added to your nitrogen solutions, you can look forward to potential yield increases. Average yield increases of 5% to 25% are proven in university and independent tests, as well as in Conklin testing programs.

Increase Your Profits

Whether your goal is reduced nitrogen costs or increased yields, Guardian delivers an excellent return on your investment, with an average return of \$3 for every \$1 invested.

Protect the Environment

The nitrogen you're losing to nitrate leaching and runoff can create groundwater contamination in some areas. When yields are improved by increasing the efficiency of plant utilization of nitrogen, less will reach our valuable groundwater resources. And Guardian itself breaks down into available nitrogen which is used by growing plants.

Application Rates

Guardian-DF

Apply two to five pounds per acre for band and eight to ten pounds per acre for broadcast applications with granular or prilled nitrogen fertilizers, urea ammonium sulfate solutions (UAN) and liquid manures. See label for specific rates.

Guardian-DL

For an efficient and effective means to boost your yield potential when your management practices call for a liquid, use one to two quarts per acre for band and three to four quarts per acre for broadcast applications. See label for specific rates.

"We side-dressed our corn in a creek bottom with 28% UAN and Guardian when the corn was a foot tall. The next day we had a big rain and the corn was completely under water for 24 hours. We are confident the Guardian held the nitrogen in place under these very severe conditions because that field yielded 175 bpa."

– George Holsapple, Illinois

Guardian-DF

#55405 55 Pound Bag

Guardian-DL

#36871 2 (2½ Gallon) Jugs/Case

#36880 55 gallon

#36865 Bulk

AgroVantage is part of the family of Conklin products designed to save fuel, energy, time and money so you can work smarter, live better. Opportunities are available to start your own Conklin business.

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SYSTEM

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