



SylLockDown™

Protect Your Nitrogen Investment

SylLock™ products reduce nitrogen loss so your plants get more, the environment gets less and you get the biggest return on your fertilizer investment.

Your ally in the fight against N loss

Growers around the world face many challenges in managing nitrogen inputs for their crops each season.

Only about 50% of the applied N is taken up by corn during the season. About 25% is immobilized during residue decomposition or remains in the soil as nitrate. The remaining 25% is lost from the plant rooting zone by leaching and/or denitrification.

When your crop's ability to take advantage of the available, much-needed nutrients is at risk, **SylLockDown™** can help.

SylLockDown™ is part of the SylLock™ line of top-quality, cost-effective nitrogen stabilizers.



How it works

SylLockDown™ contains the active ingredient dicyandiamide – or DCD – an approved and recognized nitrification inhibitor.

Once nitrogen is below the soil surface, nitrification (the conversion of ammonium to nitrate) can occur. DCD inhibits the enzymes in the soil that convert ammonium to nitrate and by doing so, reduces nitrogen loss from the root zone through leaching.

Economical, simple, beneficial

- Economical per-acre protection
- Zero negative impact on beneficial enzymes in the soil
- Can be mixed with irrigation water when blended with UAN
- Reduces nitrogen in the water table, which is better for the environment
- Water clear solution with long shelf-life and cold storage
- Contains a blue dye that makes uniform coverage/agitation simple

Improve your yield

University studies have demonstrated that DCD can be effective in maintaining N in the ammonium form and increasing corn yield with both fall and spring applications.



Reap the benefits. Contact us today!

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