

N-BOUND™

NITROGEN STABILIZER

Formulation First For Urea

N-BOUND™ nitrogen stabilizer is a breakthrough liquid nitrification inhibitor for urea. Now you can protect granular urea from denitrification and leaching losses, with a treatment in your fertilizer blender. Rather than having to accept nitrogen losses, now you can have a ready-to-use solution using your urea inventory.

Blending Benefit For UAN

Say goodbye to dusty powders that float or don't blend well. The easy-to-use formulation of N-BOUND nitrogen stabilizer goes into suspension instantly in UAN fertilizers. You don't have to empty bags into inductors or hoist bags onto the top of a tank. Simply pump or pour and go.



Works To Stop N Loss

N-BOUND nitrogen stabilizer is a nitrification inhibitor which conversion of ammonium to nitrate and helps to lower emissions of nitrous oxide. It works by suppressing the ammonia oxidizing bacteria involved in the process. As a result, it slows down the release of nitrate that is subject to leaching and slows the production of nitrous oxide via the process of denitrification.

Poorly drained, water logged or heavily compacted soil can lead to nitrogen loss due to denitrification. Fields with porous soils in areas with excessive water or rainfall are subject to leaching. N-BOUND nitrogen stabilizer is designed to work in these tough conditions. You can also use it for fields and crops that benefit from keeping nitrogen in the ammonium form longer.

Environmental Safety First

Keeping nitrogen in a plant usable form is a more efficient use of fertilizer, and it reduces greenhouse gasses. But that's just the start of the natural benefits of N-BOUND nitrogen stabilizer. Its active ingredient is essentially a non-toxic, water-soluble compound. It is biodegradable in soil and leaves no lingering residues. It degrades to form carbon dioxide, ammonia and water.



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