

PROLONG N STABILIZER

Introducing **PROLONG N**, a nitrogen stabilizer additive to be used with 32% UAN or 20% Liquid Urea. **PROLONG N** has **BOTH** a urease inhibitor (NBPT) that protects against volatilization loss, **and** a nitrification inhibitor (DCD), that protects against denitrification and leaching. Adding **PROLONG N** will mean more available nitrogen for your crops and more yield at harvest.

Dicyandiamide (DCD) is a well-known nitrification inhibitor studied in a wide range of crops. The DCD inhibits nitrosomonas bacteria stopping the oxidation of NH_4^+ to NO_2 .

- Nitrification inhibitors hinder the conversion of ammonium to nitrate lowering N loss by leaching.

NBPT (N-(n-butyl) thiophosphorictriamide), is a well-known urease inhibitor. The main advantage of NBPT is the high efficiency in inhibiting urease at low concentration in a wide variety of soils.

- Urease inhibitors delay hydrolyzes of urea fertilizer diminishing ammonia volatilization losses.

Wt. per gallon 11.04

Bulk product available in mixes at our R.F. Druffel Terminal, Port of Wilma in Clarkston, WA

Application rates:

- ❖ 1.35 to 2.7 gallons **per ton** of 32% UAN applied per acre
- ❖ 1.12 to 2.25 gallons **per ton** of 20% Liquid Urea applied per acre

Rates should be based on the length of time you want to protect your nitrogen from denitrification, leaching and volatilization.

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POWERED BY AGROTAIN