

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 = 10.2 lbs/gal

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