

DOW

Dow AgroSciences

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**N-Lock**™ MAX**NITROGEN STABILISER****Contains 300gai/l nitrapyrin in a water based microencapsulated formulation.****Use to delay the loss of nitrogen fertilizer compositions in the soil by inhibiting the nitrification process.****SAFETY PRECAUTIONS****Operator protection:**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, AND FACE PROTECTION (FACESHIELD) when handling the concentrate and contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WASH HANDS/EXPOSED SKIN before eating and drinking/smoking/after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

**Environmental protection:**

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

**Storage and disposal:**

KEEP OUT OF REACH OF CHILDREN

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

**Classification and labelling of N-Lock MAX under Regulation (EC) no 1272/2008 (CLP)****Product Identifier in accordance to Art 18 of Reg (EC) No 1272/2008 (CLP): N-Lock MAX Toxic to aquatic life with long lasting effects.**

Dispose of contents and container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**Contains Nitrapyrin, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.****To avoid risks to human health and the environment, comply with the instructions for use.****Dow AgroSciences Limited**

CPC2 Capital Park, Fulbourn, Cambridge, CB21 5XE.

Telephone: (01462) 457272 Fax: (01462) 426605

24 Hour Emergency Telephone Number: +44 (0) 1553 761 251

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

**PROTECT FROM FROST****To access the Safety Data Sheet for this product scan the QR code or use the weblink below:**<http://uk.dowagro.com/wp-content/uploads/N-LOCK-SDS.pdf>**Alternatively contact your supplier****10 Litres e**

PEEL FILM HERE

OPTIONAL BAR CODE AREA  
0.5" X 2.75"

P97 0186441706

# N-LOCK<sup>TM</sup> MAX

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## GENERAL INFORMATION

N-Lock MAX is a nitrification inhibitor for use with nitrogen based fertilizers. When used as directed N-Lock MAX will reduce the loss of nitrogen from the soil by leaching and de-nitrification N-Lock MAX is not a substitute for fertilizer.

N-Lock MAX may be applied to Maize, Winter Wheat, Winter Barley, Winter Oats, Spring barley, Spring Wheat, Spring Oats, Winter Oilseed Rape, Spring Oilseed or land intended for these crops. Advice should be sought where Barley crops are intended for malting. N-Lock MAX may be applied before or after the application of ammonium nitrate or urea based fertilisers. It may also be applied to land where manure or slurry has been applied. N-Lock MAX may also be mixed with liquid fertilizer.

N-Lock MAX should be incorporated into the soil by rainfall or irrigation, 12mm of rain or irrigation is required within 10 days of application. The optimum timing for N-Lock MAX in spring is in the early spring, typically March.

## DIRECTIONS FOR USE

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN CROP DAMAGE.

SHAKE BOTTLE WELL BEFORE USE.

### Liquid Fertilizers

Apply N-Lock MAX at a rate of 1.7 L/ha.

When applying with liquid fertilizer, a stable emulsion of N-Lock MAX in liquid fertilizer must be formed, uniformly mixing the N-Lock MAX throughout the fertilizer. Add the required amount of N-Lock MAX to the fertilizer, continuously agitating as the product is added to the fertilizer.

### Water

N-Lock MAX should be applied via a conventional sprayer in 100-200l of water at a rate of 1.7 L/ha. Add half the required volume of water to the spray tank and begin agitation, pour the required amount of N-Lock MAX into the partially filled spray tank. Continue agitation while topping up the tank and during spraying and transport operations.

### Restrictions

- Do not apply more than a total of 3.4 L of N-Lock MAX per hectare per year.
- 125 days must elapse between applications.

### Sprayer Clean-Out Instructions

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. First rinse:
  - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
  - Agitate and circulate for 15 minutes, and flush through booms and hoses.
  - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - Drain tank completely.

3. Second rinse:

- Fill the tank with clean water.
- Add a commercial tank cleaning agent as per manufacturer's recommendations while filling the tank with clean water.
- Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
- If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
- After flushing the boom and hoses, drain tank completely.
- Remove nozzles and screens and clean separately with a cleaning agent.

4. Third rinse:

- Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
- Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
- Drain tank completely.

**Do not** use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty odour which may cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.