



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

34704-804

Date of Issuance:

JAN 12 1998

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Stay-N Nitrogen Stabilizer

Name and Address of Registrant (include ZIP Code):

Platte Chemical Company
P.O. Box 667
Greeley, CO 80632

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Revise the alternate CSF as instructed below and resubmit to the Agency.

a. Under Column 13 the amount and percent by weight seem to be reversed. Column 13a. should read "0.3", and 13b. should be corrected to read "0.00003."

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Date:

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NITROGEN

Use to delay nitrification of ammoniacal and urea nitrogen fertilizer compositions in the soil by controlling the nitrification process.

ACTIVE INGREDIENTS:	
Nitrapyrin: 2-chloro-8-(trichloromethyl) pyridine	21.9%
Related chlorinated pyridines	2.4%
INERT INGREDIENTS:	75.7%
TOTAL	100.0%

Contains 2 pounds of active ingredients per gallon.

ACCEPTED

JAN 12 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, its amended, for the pesticide registered under EPA Reg. No. 34704-804

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

STABILIZER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Refer to label booklet for additional precautionary statements. Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "Notice of Warranty" inside label booklet.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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 IHT EXP07/97

chemical-resistant gloves such as barrier laminate or viton, shoes plus socks, and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER—PELIGRO

Causes Irreversible Eye Damage • Harmful If Swallowed • Harmful If Absorbed Through Skin • The Active Ingredients in This Product may Cause Skin Sensitization Reactions in Certain Individuals

Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE):
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selections chart.
Applicators and other handlers must wear: Long-sleeved shirt and long pants,

FIRST AID

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.
 If swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician or Poison Control Center.
 If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
 If inhaled: Remove to fresh air if effects occur. Get medical attention.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Combustible - Do not use, pour, spill or store near heat or open flame.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Only protected handlers may be in the area during application.

For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

Exception: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves such as barrier laminate or viton, shoes plus socks and protective eyewear.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store above 18° F to keep product in solution. Below 14° F, crystals may form and settle to the bottom. To redissolve the crystals, allow the contents to warm up to about 70° F and to stand for several days at that temperature. Once the crystals have dissolved, a gently rolling of the container will ensure a uniform mixture of the contents.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: 2½ Gallon Plastic Bottles and Non-Returnable Plastic Drums: Do not reuse empty container. Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

Non-Returnable Metal Drums: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by the state and local authorities.

Returnable Non-Bulk or Bulk Containers: Return empty container to point of purchase.

GENERAL INFORMATION

STAY-N is an emulsifiable product that may be used in formulation of and application with aqua ammonia, other liquid ammoniacal or urea nitrogen fertilizer compositions or liquid animal wastes. When liquid or dry ammonium and urea fertilizers and animal wastes are surface applied, STAY-N may be used with water and applied during the incorporation operation.

GENERAL USE PRECAUTIONS

Chemigation: Do not apply this product through any type of irrigation system.

This product is corrosive to aluminum components which may affect the operation of pumping, mixing and application equipment. To minimize corrosion of equipment and for maximum effectiveness, do not store liquid fertilizer solutions containing STAY-N. Use within 72 hours of mixing. Rinse application equipment used to apply liquid fertilizers and STAY-N with water after each use. Use with hot mix fertilizers is not recommended. High temperatures generated in production of these mixtures can cause rapid degradation of product and a reduction in effectiveness.

MIXING DIRECTIONS

To prepare the spray, add ½ of the required amount of water or fertilizer to the spray tank and, with agitation, add the STAY-N. Complete filling the tank with the balance of the water or fertilizer needed. When adding this product through eductor systems

on fertilizer application units, either premix one part of STAY-N to two parts water or be careful to open the inlet valve only about 1/3 of maximum. Either method will reduce the ratio of STAY-N to fertilizer and thus reduce the possibility of formation of undesirable invert emulsions of STAY-N and fertilizer. When making applications of this product and liquid nitrogen fertilizer compositions or liquid animal wastes, agitation must be provided before and during application to maintain a uniform mixture. The application system must be capable of keeping a suspended solid dispersed throughout the liquid.

TANK MIXING DIRECTIONS

STAY-N may also be applied in tank mixtures in water or in most urea-ammonium nitrate solutions and N-P-K solutions, slurries or suspensions with the following preplant incorporated herbicides: atrazine or Bladex for use on sorghum; and Sutan+, atrazine, Bladex, Eradicane, Lasso, Dual, or combinations of Sutan+ with atrazine or Bladex for use on corn. Physical compatibility of these tank mixtures should be determined before combining in the spray tank. Tank mixtures of STAY-N and these herbicides in water generally do not require a compatibility aid such as Compex or Unite while tank mixtures with fertilizers frequently will. Maintain constant agitation during both mixing and application to ensure uniformity of the spray mixture. Read and carefully follow all applicable directions including dosage rates, restrictions, and precautions for the specified crops on labeling for the other products used in combination with STAY-N.

The suggested mixing sequence for tank mixtures of STAY-N with herbicides in water or liquid nitrogen fertilizers is as follows:

1. Fill the spray tank ½ full of water or liquid fertilizer.
2. Begin agitation.
3. Add a compatibility aid, if needed. (If water slurried premixes of wettable powders or flowables are used as in Steps 4 and 5, a compatibility aid may be added to the premix for convenience.)
4. Add wettable powder formulations to the tank (make a water slurry with wettable powders first).
5. Add flowable formulations to the tank.
6. Add emulsifiable concentrate formulation including STAY-N to the tank (premix 1:2 with water first if introduced to the tank through eductor systems.)
7. Add the balance of the water or liquid fertilizer and continue agitation until the tank is empty.

Note: Test compatibility of the intended tank mixture before adding STAY-N to the spray or mix tank. Add proportionate amounts of each ingredient to a pint or quart jar, cap, shake, and let set 15 minutes. Formation of precipitates or layers that do not readily redisperse indicates an incompatible mixture that should not be used.

USE AND DOSAGE RECOMMENDATIONS

STAY-N must be injected or incorporated in a zone or band in the soil with the fertilizer at a minimum depth of 2 to 4 inches during or immediately after application.

**APPROVED CROPS:
CORN, SORGHUM, WHEAT**

Preplant or At-Plant (Starter) Row or Band Application
Use STAY-N at the rate of 1 quart per acre. (See also "Split Application on corn".)

Preplant or At-Plant Broadcast Application
Use STAY-N at the rate of 1 to 2 quarts per acre. The higher rate is preferred when fall applications are made to spring planted crops. (See also "Split Application on corn".)

Application With Liquid Animal Wastes
Use STAY-N at the rate of 1 to 2 quarts per acre and apply preplant in the fall or spring. The 2 quart per acre rate is recommended for all fall applications with animal wastes.

Postplant (Side Dress) Application in Corn
Use STAY-N at the rate of ½ to 1 quart per acre at any time after crop emergence, up to 30 days post plant.

Split Application on Corn
In addition to a preplant or at-plant (starter) application, a second application may be made postplant at the rate of ½ to 1 quart of STAY-N per acre. For high yield production, use the 1 quart per acre rate. The total amount of STAY-N applied in a split application program involving a preplant or at-plant treatment followed by a postplant treatment must not exceed 2 quarts per acre per year.

Restrictions
Do not apply more than 2 quarts of STAY-N per acre per year on corn, sorghum, and wheat. Make only one postplant application per year. Post plant applications can only be made up to 30 days postplant on corn. Crops listed on this label may be rotated in less than one year from the last application. All other crops are not to be rotated in less than one year from the last application.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED

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CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697