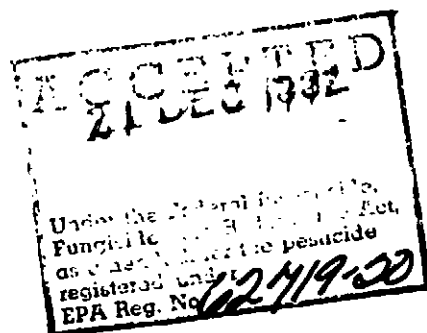


# Specimen Label



## N-SERVE\* 24

### Nitrogen Stabilizer

Use to Delay Nitrification of Ammoniacal and Urea Nitrogen Fertilizer Compositions in the Soil by Controlling the Nitrification Process.

**Active Ingredient(s):**

Nitrapyrin (2-chloro-6-(trichloromethyl) pyridine).....22.2%  
Related chlorinated pyridines.....2.6%

**Inert Ingredient(s):**.....75.3%

Contains 2 pounds of active ingredients per gallon

E.P.A. Registration No. 62719-20

E.P.A. Est. 464-CA-1

**KEEP OUT OF REACH OF CHILDREN**

### WARNING

### AVISO:

### PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

### HARMFUL IF SWALLOWED

• HARMFUL IF ABSORBED

THROUGH SKIN • CAUSES EYE

IRRITATION • THE ACTIVE

INGREDIENT IN THIS PRODUCT

MAY CAUSE SKIN SENSITIZATION

REACTIONS IN CERTAIN

INDIVIDUALS

Avoid Contact With Skin, Eyes, Or Clothing

• Avoid Breathing Vapor Or Spray Mist

• Wear Protective Clothing And Rubber

Gloves • Wash Thoroughly With Soap And

Water After Handling • Remove

Contaminated Clothing And Wash Before

Reuse

### STATEMENTS OF PRACTICAL TREATMENT: IF

Swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician or Poison Control Center. If In Eyes: Flush with plenty of water. Get medical attention if irritation persists. 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.

### Physical or Chemical Hazards

**COMBUSTIBLE** • Do Not Use, Pour, Spill or Store Near Heat or Open Flame • Do Not Cut or Weld Container.

### Environmental Hazards

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### NOTICE

Read the entire label. Use only according to label directions.

Before buying or using this product, read Warranty Disclaimer and Limitation of Remedies sections elsewhere on this label.

### IN CASE OF AN EMERGENCY:

endangering life or property involving this product, call collect 517-636-4400

**AGRICULTURAL CHEMICAL**

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

**N-SERVE\* 24**

## DIRECTIONS FOR USE

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

## GENERAL INFORMATION

N-SERVE 24 nitrogen stabilizer is an oil-soluble product that may be used with anhydrous ammonia, dry ammonium and urea fertilizers.

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

## Mixing Instructions

Anhydrous Ammonia N-SERVE 24, a product that is soluble in liquid anhydrous ammonia, may be pumped into the anhydrous tank through the liquid fill valve before, during or after loading. Pumping and metering systems are necessary for the injection of N-SERVE 24 into the tank. The ammonia containing N-SERVE 24 is then applied to cropland using conventional ammonia application equipment. Tank mixing with anhydrous ammonia is the preferred method of application; however, N-SERVE 24 may also be applied through downstream injection systems.

Granular Ammonium and Urea N-SERVE 24 may be impregnated on most dry ammoniacal fertilizers or fertilizer blends containing ammoniacal fertilizers. Uniform application in the field and immediate incorporation are necessary to insure optimum results.

For impregnating N-SERVE 24 on dry fertilizers, use a closed rotary drum mixer equipped with suitable spraying equipment. The spray nozzle should be positioned inside the mixer to provide uniform spray coverage of the tumbling fertilizer. Check the crop section of this label to determine the per acre use rate of N-SERVE 24. The maximum amount of N-SERVE 24 to be added is one quart per 100 pounds of nitrogen fertilizer and the minimum amount is one quart per 500 pounds of nitrogen fertilizer. At the higher concentrations of N-SERVE 24, the fertilizer may not readily absorb all of the liquid. For a suitable free-flowing mixture, an absorbent powder such as Micro-CelE should be added separately and uniformly to the fertilizer blend following addition of N-SERVE 24.

Bulk fertilizers impregnated with N-SERVE 24 should be applied immediately, NOT STORED. All bulk containers should be tightly covered while the products are being transported and applied to reduce the chance of loss of N-SERVE 24 via volatilization. All fertilizers impregnated with N-SERVE 24 should be incorporated immediately after application for optimal performance.

All individual state regulations including those related to flammable liquid handling and to dry bulk blending registration, labeling and application are the responsibility of the individual and/or company selling N-SERVE 24 on fertilizer mixtures.

Do not use N-SERVE 24 with fertilizers containing nitrate such as ammonium nitrate, potassium nitrate or calcium nitrate. Do not mix seed with dry fertilizers impregnated with N-SERVE 24.

## Use and Dosage Recommendations

N-SERVE 24 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.

### CORN, SORGHUM, WHEAT

Preplant or At-Plant Row or Band Injection Application:

Use N-SERVE 24 at the rate of 1/2 to 1 quart per acre. The higher rate is preferred with all fall, most spring applications, and high yield production programs.

Preplant or At-Plant Broadcast Application: Use N-SERVE 24 at the rate of 1 to 2 quarts per acre. The higher rate is preferred when fall applications are made to spring planted crops.

Split Application on Corn: In addition to a preplant or at-plant application, a second application may be made postplant at the rate of 1/2 to 1 quart of N-SERVE 24 per acre. For high yield production, use the 1 quart per acre rate. The total amount of N-SERVE 24 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.

### COTTON

Preplant or At-Plant or Broadcast Application: Use N-SERVE 24 at the rate of 1/2 to 1 quart per acre. The higher rate should be used if N-SERVE 24 is applied in the fall as a preplant treatment for spring planted cotton.

Postplant Row or Band Application: Use N-SERVE 24 at the rate of 1/2 quart per acre.

Do not allow livestock to graze in treated areas or feed forage to livestock.

### STRAWBERRIES

Preplant Application: Use N-SERVE 24 at the rate of one quart per acre. Plant strawberries as soon as practical thereafter. Based on available residue data, use of N-SERVE 24 on strawberries is restricted to California.

Restrictions: Do not apply more than 2 quarts of N-SERVE 24 per acre per year on corn, sorghum, and wheat and 1 quart of N-SERVE 24 per acre per year on cotton and strawberries.

Make only one postplant application per year. Postplant applications can only be made up to 30 days postplant on corn and up to 45 days postplant on cotton. 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. 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 gentle rolling of the container will ensure a uniform mixture of the contents.

Pesticide Disposal: Pesticide wastes are toxic. 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: 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 state and local authorities.

## USE PRECAUTIONS

N-SERVE 24 nitrogen stabilizer is corrosive to aluminum components which may affect the operation of pumping, mixing and application equipment. Solutions of N-SERVE 24 and anhydrous ammonia may cause corrosion of submerged aluminum components. These parts should be replaced with mild steel or stainless steel materials of construction. Side mount or end mount liquid level float gauges containing aluminum should be replaced with stainless and mild steel gauges. To minimize corrosion of equipment and for maximum effectiveness, do not store anhydrous ammonia containing N-SERVE 24 longer than three weeks.

Acme fitting gaskets should be replaced as needed with standard Buna-N or Buna-S gaskets. More resistant gasket materials such as Teflon may also be used.

## WARRANTY DISCLAIMER

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. DOWELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

## INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by Buyer.

## LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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**DowElanco**

Indianapolis, Indiana 46268 U.S.A.

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**Amendments:**

- 1) Deleted 1/2 quart per acre use rate for corn, sorghum and wheat.

SPECIMEN LABEL ~~88-1810~~ DATE CODE ~~788~~  
REPLACES ~~88-1810~~ DATE CODE ~~8-787~~  
DISCARD PREVIOUS SPECIMEN LABELS  
~~THIS IS AN INITIAL DOWELANGO PRINTING~~

~~REVISIONS INCLUDE:~~

- ~~1) CHANGED REGISTRATION NUMBER FROM~~  
~~464-188 TO DOWELANGO 82718 23~~
- ~~2) CHANGED WARRANTY STATEMENT TO~~  
~~REFLECT TRANSFER TO DOWELANGO~~