

1 of 4
P...
100 d. 4/...

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 Ingredients:

Nitrapyrin [2-chloro-6-(trichloromethyl) pyridine]	22.2%
Related chlorinated pyridines	2.5%
Inert Ingredients	75.3%

Contains 2 pounds of active ingredients per gallon
E.P.A. Registration No. 464-433
E.P.A. Est. 464-CA-1

ACCEPTED
JAN 24 1986

464-433

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

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 LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Limit of Warranty and Liability.

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 Foods, Feeds, Drugs or Clothing

Warranty Limitations and Disclaimer.

N*SERVE* 24

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

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.

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 absorptive powder such as Micro-CelE(1) should be added separately and uniformly to the fertilizer blend following addition of N-SERVE 24.

(1) Trademark of Johns-Manville Products Corporation

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 and most spring applications.

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.

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

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.

~~RICE~~

~~**Preplant or At-Plant Application:** Use N-SERVE 24 at the rate of 1 to 2 quarts per acre. For optimum results, rice fields should be flooded within 30 days of seeding and the flood should be maintained throughout the growing season.~~

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

Make only one application per year. Postplant applications can only be made up to 30 days postplant on corn and up to 45 days postplant on cotton. ~~Irrigation water from treated rice fields can be used only on the following crops: corn, cotton, sorghum, and wheat.~~ 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 LIMITATIONS AND DISCLAIMER

The Dow Chemical Company 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 therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

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

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Limit of Warranty and Liability cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

56090-K484



FLAMMABLE LIQUID N.O.S.
(contains xylene)
UN1993



THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

*Trademark of THE DOW CHEMICAL COMPANY

86-1319 DATE CODE 484.

REPLACES SPECIMEN LABEL 86-1319 DATE CODE 783.

DISCARD PREVIOUS SPECIMEN LABELS.

REVISIONS INCLUDE: 1) REVISED PRECAUTIONARY STATEMENTS. 2) REVISED STATEMENTS OF PRACTICAL TREATMENT. 3) REVISED ENVIRONMENTAL HAZARDS STATEMENT. 4) REVISED STORAGE AND DISPOSAL INFORMATION. 5) REVISED USE PRECAUTIONS. 6) REVISED WARRANTY LIMITATIONS AND DISCLAIMER.

SL2770