

QUEST®

WATER CONDITIONING AGENT

*PRINCIPAL FUNCTIONING AGENTS:

Ammonium sulfate, Phosphoric acid, and Carbamide	56.00%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT	44.00%
TOTAL	100.00%

*All ingredients are accepted for use as adjuvant under CFR 40, 180.

KEEP OUT OF REACH OF CHILDREN

WARNING

May be harmful if swallowed
 May be harmful in contact with skin
 Causes eye irritation
 Causes skin irritation
 May be harmful if inhaled
 May cause an allergic skin reaction



WSN 040115

NET CONTENTS:

WA Reg. No. 5905-11003

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
 225 SCHILLING BOULEVARD, SUITE 300
 COLLIERVILLE, TN 38017
 901-761-0500

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes skin irritation. May be harmful if inhaled. May cause an allergic skin reaction. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison

Disclaimer: Always refer to the label on the product before using Helena or any other product.

control center or doctor.

- Do not give anything by mouth to an unconscious or convulsing person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be dispersed on site or at an approved waste disposal facility. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters, or spray waste.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

GENERAL INFORMATION

QUEST® is a water conditioning agent designed to enhance herbicide performance by modifying factors such as pH and hardness of the spray water. In addition, ammoniacal nitrogen has been added along with the buffers, sequestrants and chelating agents making up QUEST®. Ammoniacal nitrogen has been recognized as an effective uptake enhancer for some herbicides by some plant species. As a result, QUEST® can positively affect herbicide spray application and efficacy by conditioning the spray water and providing a source of ammoniacal nitrogen. Not for Aquatic use.

Never mix QUEST® with undiluted herbicides which are incompatible with low pH (acid conditions). Spray mixes containing QUEST® should not be utilized in combination with herbicides containing DSMA.

Do not mix QUEST® with spray mixes containing fixed copper fungicides (products such as cupric hydroxide, basic copper, COPPER COUNT N, or copper oxychloride). Do not use with sulfonfyl urea based herbicides.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Do not spray pesticides when conditions for thermal inversion exist, or if wind direction and speed may cause drift onto adjacent areas. With both aerial and ground application, the use of a drift control or spray deposition additive (in accordance with pesticide label directions) may reduce the potential for drift to occur. Drift minimization is the responsibility of the applicator. Consult your local state agricultural authorities for information regarding avoiding or minimizing spray drift.

DIRECTIONS FOR USE

FOR USE WITH PRODUCTS REGISTERED FOR: AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY, TURF AND OTHER USES. NOT FOR AQUATIC USE.

In all applications of QUEST® read and follow directions for use on the herbicide(s) label as to procedures, dosage rates, timing of application and restrictions for the crop on which the pesticide is to be applied. The use of test areas is recommended when applying during periods of high humidity or high temperature or to other situations where field experience is limited. The addition of an adjuvant to some pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of QUEST® to spray mixes, the user or application advisor must have experience with this combination or must have conducted a phytotoxicity trial or must take the recommendations from the labels of the products with which it is to be tank mixed.

RECOMMENDED USE RATES

The following use rates are recommended for QUEST®.

GROUND: Apply at the rate of 1-4 pints per acre in 100 gallons of spray (0.125-0.50% v/v.)

AERIAL: Use 2-4 pints per 100 gallons of spray (0.25-0.50% v/v.)

WATER CONDITIONING: Use 1 to 5 pints per 100 gallons of water as a general use water conditioning agent for pH reduction and hard water sequestering.

NOTE: QUEST® is a water conditioning agent. 1 to 2 quarts of QUEST® generally replaces 8.5 to 17 pounds of ammonium sulfate. QUEST® will not replace a crop oil concentrate adjuvant or nonionic surfactant in a spray tank mix. If the pesticide label recommends it, then additional crop oil concentrate or nonionic surfactant should be added along with QUEST®.

Prior to any pesticide application, all spray mixing and application equipment must be cleaned. Carefully observe all cleaning directions on the pesticide label.

**CONDITIONS OF SALE–LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale–Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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