



Water Conditioning Agent

# ESCALATE™

SPECIMEN

## PRINCIPAL FUNCTIONING AGENTS:

Ammonium sulfate, phosphoric acid and tricarboxylic acid .....	60.1%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANTS .....	39.9%
<b>TOTAL .....</b>	<b>100.0%</b>

All ingredients are exempt from the requirement of a tolerance under 40 CFR 180.

WA Reg. No. 7001-04002

## KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes and skin, may cause irritation. Avoid breathing spray mist.

### FIRST AID

**Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when call or going for treatment. You may also contact the National Pesticide Information Center at 1-800-7378 for emergency medical treatment information.**

**If Swallowed:** Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**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.

**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. Have the product container with you when calling a poison control center or doctor, or going for treatment.

### GENERAL INFORMATION

**ESCALATE™** is a water conditioning agent which promotes herbicide performance by modifying elements such as pH and hardness of the spray water. To aid in herbicide uptake, a blend of ammonium sulfate and ammoniacal nitrogen have been added along with buffers, sequestrants and chelating agents to condition the spray water.

Hard water and high pH can minimize the effectiveness of certain pesticides. Ammoniacal nitrogen is known to be an effective uptake enhancer for herbicides by several plant species and by conditioning the spray water and providing a source of ammoniacal nitrogen. **ESCALATE™** positively affects herbicide spray applications.

Do not use **ESCALATE™** with herbicides that are not compatible in acidic conditions or low pH.

Do not use with sulfonyl urea or DSMA based herbicides.

Do not use with tank mixes utilizing fixed copper fungicides such as cupric hydroxide, basic copper, COPPER COUNT N or copper oxychloride.

Do not use **ESCALATE™** on aquatic sites.

Do not apply this product in such a manner as to directly or through drift, expose workers or other persons.

Always jar test **ESCALATE™** with tank mix herbicides prior to mixing. Applicator must have experience with this product or conduct a phytotoxicity trial or use the directions from the products used in the tank mix.

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## DIRECTIONS FOR USE

### READ AND FOLLOW DIRECTIONS FOR USE ON HERBICIDE LABELS.

It is recommended to use test areas when applying during high humidity, high temperatures or other possible situations where field practice is restricted.

1. Fill spray tank half full of water and begin agitation.
2. Add desired rate of **ESCALATE™** to water before adding pesticides.
3. Add pesticides, as directed by label, while maintaining agitation.

**NOTE:** If pesticide label recommends the addition of a surfactant follow instructions accordingly. **ESCALATE™** is not a replacement for a surfactant.

## RECOMMENDED USE RATES

**Ground:** Apply at the rate of 1 to 4 pints per 100 gallons of spray (0.125 - 0.75% v/v).

**Aerial:** Use 2 to 4 pints per 100 gallons of spray (0.25 - 0.75% 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.

**ESCALATE™** at 4 pints per 100 gallons of spray solution, has demonstrated performance equal to 8.5 lbs. AMS per 100 gallons.

## STORAGE AND DISPOSAL

**Storage:** Store in cool, dry place. Store in original container. For best results, store above freezing. Keep tightly closed and do not allow other chemicals to be introduced into the container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste.

**Disposal:** Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

**Personal Protective Equipment:** Wear long-sleeved shirt and long pants, shoes plus socks when mixing or applying **ESCALATE™**

**DISCLAIMER OF WARRANTIES:** Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

