

## GENERAL INFORMATION

DE-pHEAT 2® is a clear fertilizer solution containing phosphorus and potassium. DE-pHEAT 2 is designed specifically as a foliar nutrient-buffer system.

DE-pHEAT 2, when used as directed, acidifies alkaline waters while providing essential nutrients.

DE-pHEAT 2 contains no nitrogen and is safe to use where acidification without a surfactant is required.

DE-pHEAT 2 is suitable for reducing the pH of spray water to be applied to field, forage, fruit, nut and vegetable crops destined for fresh market or processing. Certain fungicides may also benefit from addition of DE-pHEAT 2.

**NOT FOR AQUATIC USE IN WASHINGTON**

## DIRECTIONS FOR USE

1. ACIDIFYING-BUFFERING AGENT: DE-pHEAT 2 is a superior acidifying-buffering agent. Rates of 6 to 16 ounces per 100 gallons of spray mix should lower the pH of alkaline waters to levels more optimal for maximum performance of most organophosphate, carbamate and chlorinated hydrocarbon insecticides.
2. Unless otherwise stated, always fill the tank ½ full of water then add DE-pHEAT 2 before adding pesticides to the spray water.
3. The pH of the spray water should not be lowered excessively (not below about pH 4.0). If you are unsure of the amount required to buffer your water add small amounts (4 to 6 ounces) of DE-pHEAT 2 and circulate into the water, test with litmus paper or a well calibrated pH meter to ensure it is properly buffered. Check the pH before pesticides are mixed with the water (with the agitation off) and after the tank is filled and ready to spray. Add more DE-pHEAT 2 if the pH of the spray mixture increased with the addition of the pesticide, or other material, add only small increments of DE-pHEAT 2, circulating the tank mix thoroughly.
4. Check the pH of the mixture after it is thoroughly agitated, but with the agitation off and the water still.
5. Proper rate will vary with water pH, hardness, method of application, other products in the tank, etc.
6. ALWAYS refer to the pesticide label for buffer requirements specific to the material(s) you are using.
7. COMPATIBILITY: Compatible with most insecticides and minor elements. If in doubt, do a jar test to determine compatibility.
8. Caution should be used with copper fungicides as this material may increase their solubility.
9. Avoid making applications to crops stressed from heat, drought, salinity, etc.
10. Always add DE-pHEAT 2 prior to the addition of pesticides, unless otherwise stated on the pesticide label.
11. Do not apply more than 12 applications per acre per year.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals: Danger

Corrosive. Causes irreversible eye damage and skin burns. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment:** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, coveralls worn over long-sleeved shirt and long pants, and chemical-resistant footwear plus socks. When mixing and loading wear a chemical-resistant apron.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Do not enter treated area without protective clothing until sprays have dried.

## ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply in any manner not specified on this label.

## PHYSICAL OR CHEMICAL HAZARDS

Avoid contact with undiluted chlorate desiccant, other strong oxidizing agents or strong alkalis. Concentrated DE-pHEAT 2 is corrosive to nylon, aluminum, leather and copper alloy, such as brass.

## IN CASE OF SPILLS

Stay upwind and away from spill unless wearing appropriate personal protective equipment, such as protective eyewear (goggles or face shield), chemical-resistant gloves, coveralls worn over long-sleeved shirt and long pants, and chemical-resistant footwear plus socks. Keep out of drains, sewers or waterways. Flush spilled material into suitable retaining area or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbent. Dispose of product in accordance with applicable local, county, state and federal regulations.

# DE-pHEAT 2®

## 0-16-10

## FOLIAR NUTRIENT • BUFFER COMBINATION

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

### GUARANTEED ANALYSIS:

Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	16.00%
Soluble Potash (K <sub>2</sub> O)	10.00%
Derived from: Phosphoric Acid and Muriate of Potash	

### ADJUVANT

### PRINCIPAL FUNCTIONING AGENT

Phosphoric Acid	16.00%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT	84.00%
TOTAL	100.00%
WA Reg. No.: 34704-13002	

## KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

### Net Contents:

260 U.S. Gallons (984.1 L)

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DENSITY: 10.4 lbs./gallon @ 68° F



Manufactured for: Loveland Products, Inc. • PO Box 1286 • Greeley, CO 80632

## FIRST AID

**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. Call a poison control center or doctor for treatment advice. **If on skin** — 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. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. **If inhaled** — Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

## FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

1-866-944-8565.

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

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

## STORAGE AND DISPOSAL

**STORAGE:** Store in cool, dry place. Store in original container. Keep container tightly closed. Do not reuse empty container.

**DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent), adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. 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).

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com>

## BULK DOT label & markings REQUIRED for Bulk Packages

DEPHEAT2® is a registered trademark of Loveland Products, Inc.