



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Timothy M. Formella, Senior Registration Manager  
United Phosphorus, Inc.  
630 Freedom business Center, Suite 402  
King of Prussia, PA 19406

JUN 10 2010

Subject: Notifications: Updated Disposal Instructions per PR Notice 2007-4; and  
Revised Warranty Statements.  
Your Submissions, Dated May 13, 2010

Dear Mr. Formella:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4, dated May 13, 2010, for:

**EPA Registration No. 70506-180 Accelerate A Harvest Aid for Cotton**  
**EPA Registration No. 70506-190 Desiccate II**

The Registration Division (RD) has conducted a review of these requests for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. The labels have been date-stamped "Notification" and will be placed in our records.


Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-1243 or Susan Stanton of my staff at 703-305-5218.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn Montague, Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

 <b>EPA</b> United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> <b>Other:</b>	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 70506-180	2. EPA Product Manager Kathryn V. Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Accelerate, a Harvest Aid for Cotton	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) United Phosphorus, Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(1), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____

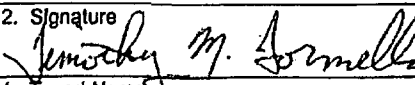
**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
<p><b>Explanation:</b> Use additional page(s) if necessary. (For Section I and Section II.)                  Notification of label change per PR Notices 2007-4 and PR Notice 98-10. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.</p>	

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other _____
*Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt.    No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point. (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Timothy M. Formella	Title Senior Registration Manager	Telephone No. (Include Area Code) 610-491-2813
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Senior Registration Manager	
4. Typed Name Timothy M. Formella	5. Date May 13, 2010	

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# United Phosphorus, Inc.

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630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406  
(610) 491-2813 (phone)  
(610) 491-2810 (fax)

May 13, 2010

VIA: United Parcel Service

Document Processing Desk (NOTIF)  
Linda Arrington  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

**RE: Notification Regarding PR Notice 2007-4  
Accelerate a Harvest Aid for Cotton  
Desiccate II**

**EPA Reg. No. ~~70506-1807~~  
EPA Reg. No. 70506-190**

Dear Ms. Arrington:

United Phosphorus, Inc. hereby notifies the Agency of our intent to revise the labels for two of our registered pesticide products containing the amine salt of endosulfan as the active ingredient.

These label notifications include revision of the Storage and Disposal text in order to comply with the requirements of PR Notice 2007-4 regarding Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment." In addition, the warranty statements on these labels have also been updated.

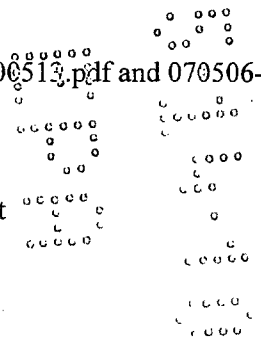
These changes are consistent with the notification provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. Enclosed please find the following materials for each of the two products to support these registration notifications:

1. Completed Application for Pesticide Registration (EPA Form 8570-1)
2. A "red-lined" copy of the amended label showing the revisions being made
3. A clean copy version of the revised label
4. CD with the labels in proper electronic format (file names: 070506-00180.20100513.pdf and 070506-00190.20100513.pdf)
5. Completed Certification with Respect to Label Integrity form.

If you have any questions on this submission please call me at 610-491-2813 or email at [tim.formella@uniphos.com](mailto:tim.formella@uniphos.com).

Sincerely,

Timothy M. Formella  
Senior Registration Manager



# Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
70506- 180	5/13/2010	070506-00180.20100513.pdf

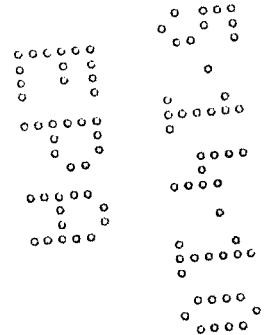
I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Timothy M. Formella  
Signature

05/13/2010  
Date

Timothy M. Formella  
Name (typed)

Senior Registration Manager  
Title



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**NOTIFICATION**

# ACCELERATE®

**JUN 10 2010**

## A HARVEST AID FOR COTTON

Contains 0.52 lbs. Endothall\* per gallon

**ACTIVE INGREDIENT:**

Mixed Mono- and Di- (N, N-Dimethyl Alkyl Amine)\*\* Endothall\* Salt. .... 15.9%

**OTHER INGREDIENTS:** ..... 84.1%

TOTAL..... 100.0%

\*7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid equivalent 5.5%

\*\*Alkyl groups as in fatty acids of coconut oil

**KEEP OUT OF REACH OF CHILDREN**

**PELIGRO DANGER**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**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 five 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 INHALED:**

- Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious 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 866-673-6671 (Rocky Mountain Poison Control Center) for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

See Side Panel for Additional Precautionary Statements.

EPA Registration No. 70506-180

EPA Establishment No. 62171-MS-003

Net Contents \_\_\_\_\_

**United Phosphorus, Inc.**

630 Freedom Business Center, Suite 402, King of Prussia, PA 19406  
1 800-438-6071 • www.upi-usa.com

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF INHALED OR ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPOR OR SPRAY MIST.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Pilots must wear:

- Long-sleeved shirt and long pants
- Shoes and socks

Mixers, loaders, other applicators and handlers must wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves,
- Goggles or faceshield,
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron for mixing, loading, and cleaning equipment.

In addition, mixers and loaders supporting aerial applications must wear:

- NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P or HE filter.

See engineering controls for additional requirements.

**USER SAFETY REQUIREMENTS:**

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS:**

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

Human flagging is prohibited. Flagging to support aerial applications is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

When handlers use closed systems, enclosed cabs, or cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations:**  
Users should:  
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

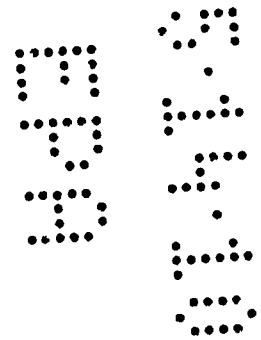
**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where water is present or to intertidal areas below the mean high water mark. This product is toxic to fish and wildlife. Keep out of lakes, ponds, and streams.  
Avoid contact with or drift to other crops, trees, or plants as injury may occur.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Treated Cotton Must Be Harvested By Mechanical Means Only.**



### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear and plus socks
- Protective eyewear
- Headgear for overhead exposure

Notify workers of the application by warning them orally, and by posting warning signs at entrances to treated area.

### GENERAL INFORMATION

ACCELERATE is a liquid concentrate that when tank mixed with registered cotton harvest aids results in faster and more dependable results. ACCELERATE may be tank mixed with cotton harvest aids such as Def<sup>®</sup>, Folex<sup>®</sup>, Harvade<sup>®</sup>, Starfire<sup>®</sup>, Cyclone<sup>®</sup> Max, Paraquat, Cacodylic Acid, Dropp<sup>®</sup>, Sodium Chlorate, Prep<sup>®</sup>, CottonQuik<sup>®</sup>, Roundup<sup>®</sup>, and other registered cotton harvest aids.

Apply a combination of ACCELERATE and cotton harvest aid(s) when fiber quality of the top bolls will not be damaged by loss of the top leaves which feed these bolls. Top bolls should be firm to thumb pressure or difficult to cut with a knife. Read and follow all directions and precautions on this label and on the labels of all tank mix partners. The most restrictive labeling applies.

Treated crops must be harvested by mechanical means only. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not apply through any type of irrigation system. Do not apply where drift is likely to occur.

The Pre-Harvest Interval (PHI) is 7 days.

Apply ACCELERATE in enough water to give sufficient coverage. For aerial applications, use a minimum of 3 gallons/acre.

**Ground Applications:** Apply using a nozzle height of no more than 4 feet above the ground or canopy cover.

**Aerial Applications:** Do not release spray at a height greater than 14 feet above the ground or canopy. The boom length must not exceed 70% of the wing span or 88% of the rotor blade diameter. When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the



application area by adjusting the path of the aircraft upwind. Leave at least one unsprayed swath at the downwind edge of the treated field.

**APPLICATION RATES**

Observe all cautions and limitations on labeling of all products used in mixtures.

**DEFOLIATION (EXCEPT California & Arizona):**

Under favorable conditions (high temperatures, low soil moisture, crop conditions conducive to defoliation) use 1/2 to 1 pint ACCELERATE per acre in combination with the recommended rate of defoliant and/or other cotton harvest aids.

Under unfavorable conditions (low temperatures, drought or rain stressed crop, etc.) use 1 to 1 1/2 pints ACCELERATE per acre in combination with the recommended rate of defoliant and/or other cotton harvest aids. Temperatures less than 60°F may result in less than desired results regardless of the product(s) applied.

**DEFOLIATION (California & Arizona):**

Under favorable conditions (high temperatures, low soil moisture, crop conditions conducive to defoliation) use 1 to 1 1/2 pints ACCELERATE per acre in combination with the use rate of defoliant and/or other cotton harvest aids. Higher rates of cotton harvest aids are generally required to produce desired results in Pima and Acala varieties.

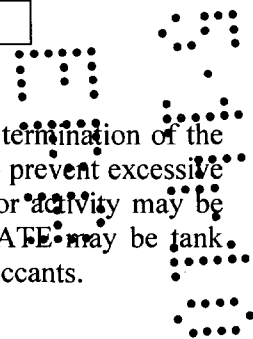
Under unfavorable conditions (low temperatures, drought or rain stressed crop, etc.) use 1 1/2 pints ACCELERATE per acre in combination with the use rate of defoliant and/or other cotton harvest aids. Temperatures less than 60°F may result in less than desired results regardless of the product(s) applied.

The following chart should be used as a guide when applying ACCELERATE with defoliant:

TEMPERATURE EXPECTED FOR THE NEXT 5-7 DAYS	RATE (pt/ac)
85 or higher	1/2 - 1
70 - 85	3/4 - 1 1/2
60 - 70	1 - 1 1/2
Less than 60	1 1/2

**DESICCATION: Stripper Cotton**

Use 1 to 1 1/2 pints ACCELERATE per acre with registered desiccants when termination of the crop is desired. This application should be made 7-14 days prior to harvest to prevent excessive regrowth. Applications should be made when temperatures are above 55°F or activity may be slowed significantly and/or result in less than desirable results. ACCELERATE may be tank mixed with Cyclone, Sodium Chlorate, Cacodylic Acid or other registered desiccants.



**Mixing Instructions:**

Always clean the spray tank before mixing. ACCELERATE should be added to the tank last to avoid excessive foaming. Following is a suggested tank mix sequence:

- a. Fill tank 1/2 to 3/4 full with water
- b. Add wettable powders and/or flowable products
- c. Add emulsifiable concentrates
- d. Add ACCELERATE
- e. Add remaining water slowly
- f. Maintain constant agitation during mixing

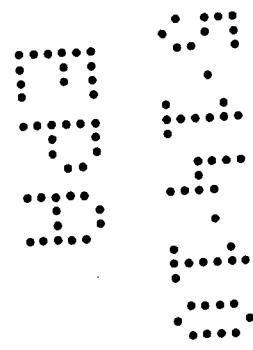
**PRECAUTIONS**

Read and follow all cautions and limitations of all products tank mixed with ACCELERATE.

**Compatibility:**

ACCELERATE is compatible with most adjuvants. The addition of adjuvants may enhance defoliation. The addition of adjuvants may require rates of defoliant or ACCELERATE to be adjusted to prevent excessive desiccation.

CottonQuik® is a trademark of Entec Corporation; Cyclone® Max and StarFire® are trademarks of Syngenta Crop Protection, Inc.; Def® is a trademark of Bayer Corporation; Dropp®, Folex® and Prep® are trademarks of Aventis Crop Protection, Inc.; Harvade® is a trademark of Uniroyal Chemical; Roundup® is a trademark of Monsanto Company.



**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in the original container. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. In the event of spillage during handling or storage, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. 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 Handling: Nonrefillable container. Do not reuse or refill this container.**

Triple rinse or pressure rinse container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

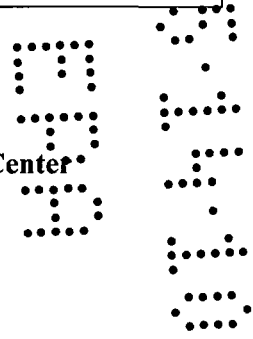
OR

Pressure rinse as follows: empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**EMERGENCY TELEPHONE NUMBERS:**

**CHEMTREC: (800) 424-9300**

**MEDICAL: (866) 673-6671 Rocky Mountain Poison Control Center**



**IMPORTANT INFORMATION  
READ BEFORE USING PRODUCT**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNITED PHOSPHORUS, INC. AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.**

To the extent consistent with applicable law, United Phosphorus, Inc. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UNITED PHOSPHORUS, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF UNITED PHOSPHORUS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

United Phosphorus, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of United Phosphorus, Inc.

*Accelerate is a registered trademark of United Phosphorus, Inc.*

Made and Printed in U.S.A.

Rev. 2010-05-13

