

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Rebecca A. Clemmer Regulatory Manager United Phosphorus, Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406

SEP 3 0 2009

Subject: Notification(s) for Label Revisions under PRN 2001-5 and PRN 2007-4

Dear Ms. Clemmer:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2001-5 and 2007-4 dated, July 16, 2009 for:

EPA Registration 70506-33

Devrinol 2G Ornamental Herbicide

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 2001-5 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2001-5 and PRN-2007-4. The label has 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 contact me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs

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Please read instructions on reverse	before completingm		For		070-0060, Approval expires 5-31-98
United States			Registration	OPP Identifier Number	
Environmental Protection Age		Agency	Amendment		
Washington, DC 20460		3,	X Other		
	App!	ication for	Pesticide – Sectio	n i	
1. Company/Product Number 70506-33			EPA Product Ma J. Tompkins	anager 3.	Proposed Classification
4. Company/Product (Name) United Phosphorus, Inc/Devrin	ol 2G Ornamental herbicio	de	PM# 25	>	None Restricted
5. Name and Address of Appli				iew. In accordance w	rith FIFRA Section 3(c)(3)
United Phosphorus, Inc.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s similar or identical in	composition and labeling
630 Freedom Business Center, Suite 402 King of Prussia, PA 19406			to: EPA Reg No.		
Check if this is a new add	Check if this is a new address		Product Name		
		Se	ction - II		
Amendment – Explain be	low			d labels in response to	
				·	
Resubmission in respons	se to Agency letter dated _		Agency lette		
The substitution of the su	to regerroy local dutou _		e .000 X	. N	OTIFICATION
X Notification – Explain bel	ow .		Other - Exp	plain below	SEP 3 0 2009
Explanation: Use additional p	age(s) if necessary. (For	Section I and	Section II.)		
Notification of label change pe					
This notification is consistent w 156.144, 156.146, 156.156. No					s at 40CFR§§156.10, 156.140,
USC Sec. 1001 to willfully make	Re any false statement to	EPA. I further	understand that if the arr	nended label is not co	nsistent with the sections
above, this product may be in					
			ction III		
1. Material This Product Will b	e Packaged in:				
Child-Resistant Packaging	Unit Packaging		Water Soluble Packagin	ng <u>2</u>	Type of Container
Yes	Yes		Yes		Metal
x No	X No		x No		x Plastic
	15 15 15		15 4D 4 B		Glass
*Certification must	If "Yes" Unit Packaging wot.	No. per container	If "Yes"	No. per container	Paper (Crasifa)
be submitted	Onit Fackaging wgt.	Container	Package wgt	Container	Other (Specify)
Location of Net Contents In	Iformation	4 Size(s) Re	etail Container	5. Location	n of label directions
X Label	Container	50 lb.	ctan Container		abel
				On L	abel accompanying product
6. Manner in Which Label is A	Affixed to Product	Lithogra	aph	Other	
		x Paper (
Stenciled					
			ection IV		······
1. Contact Person (Complete	items directly below for id		ndividual to be contacted		
Name Rebecca A. Clemmer		Title Regulat	ory Manager	Telephone 610-491-2	e No. (Include Area Code) 828
Certification 6. Date Application					
I certify that the statements I ha	ave made on this form and	all attachments	s thereto are true, accura	te and complete.	Received
I acknowledge that any knowin	gly false or misleading stat	ement may be	ounishable by fine or imp	risonment or	
both under applicable law		3. Title			(Stamped)
2. Signature		1	ory Manager		(Samipou)
K.a. Cleur	ner	Regulat	ory manager		
4. Typed Name		5. Date			
Rebecca A. Clemmer		'	7/16/08		

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

White – EPA File Copy (Original) Yellow – Applicant Copy



United Phosphorus, Inc.

630 Freedom Business Center Suite 402 King of Prussia, PA 19406 (610) 491-2828 (phone) (610) 491-2810 (fax) Rebecca A. Clemmer Regulatory Manager

July 16, 2009

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

Re: Napropamide Products - Notifications

To Whom It May Concern:

United Phosphorus, Inc. is submitting revised labels to accomplish the following changes, all of which qualify as Notifications: add herbicide resistance category per PRN 2001-5; update container disposal wording per PRN 2007-4. <u>Please note</u> that the labels here are based on those submitted in January 2009 with UPI's 8-month response to the Napropamide product specific data call-in.

Products:

Devrinol 2G Ornamental herbicide EPA Reg. No. 70506-33

Devrinol 50-DF Selective herbicide EPA Reg. No. 70506-36

Devrinol 50-DF Ornamental Selective herbicide EPA Reg. No. 70506-38

In support, for each label enclosed please find:

- EPA form 8570-1
- Label copy marked to show changes
- Label integrity form
- A CD containing clean pdf copies of each label

Please contact me if you have any questions.

Very truly yours,

Rebecca A. Clemmer

rebecca.clemmer@uniphos.com

R. a. Clemmer

GROUP 15 HERBICIDE

DEVRINOL® 2-G ORNAMENTAL Selective Herbicide

NOTIFICATION

SEP 3 0 2009

A Preemergence Herbicide for Weed Control in Home Flower Gardens and Landscape Plantings. Use in Deciduous and Evergreen Trees and Shrubs, Ground Covers, Perennial Flowers, Fruit and Nut Crops, Container Grown Plants, and Turfgrass

ACTIVE INGREDIENT:

Napropamide	2.0%
OTHER INGREDIENTS:	
TOTAL	

Contains 2 Pounds of Active Ingredient per 100 Pounds

KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID		
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 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 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 further 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. 		

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Medical Emergency Assistance (Human or Animal) call the Rocky Mountain Poison Control Center at 1-866-673-6671. For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300.

United Phosphorus, Inc. 630 Freedom Business Center King of Prussia, PA 19406 1-800-438-6071 • www.upi-usa.com EPA Reg. No. 70506-33 EPA Est. No.

Net Weight:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin, eyes and clothing. May be harmful if swallowed. Do not breathe dust. Avoid contamination of food and feed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves made of any waterproof material such as barrier laminate, nitrile rubber (\geq 14 mils), neoprene rubber (\geq 14 mils) or Viton (\geq 14 mils).
- Shoes plus socks.

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.

When handlers use closed systems, enclosed cabs, or aircraft 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 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 surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

GENERAL PRECAUTIONS

- Read all instructions before using.
- Use only for recommended purposes and at recommended rates.
- Do not overdose.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product as specified on this label.

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.

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) and restricted-entry interval (REI). 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 12 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

- 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
- Chemical resistant gloves made of any waterproof material such as Barrier Laminate, Nitrile Rubber (\geq 14 mils), Neoprene rubber (\geq 14 mils) or Viton (\geq 14 mils).
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter the treated areas until dusts have settled.

WHAT THIS PRODUCT DOES

DEVRINOL 2-G ORNAMENTAL controls certain annual grassy and broadleaf weeds as they germinate. It does not control established weeds. The weeds controlled are listed below:

WEEDS CONTROLLED BY DEVRINOL 2-G ORNAMENTAL		
ANNUAL GRASSES:		
Barnyardgrass, Junglerice	Echinochloa spp.	
Wild Barley	Hordeum leporinum	
Annual Bluegrass	Poa annua	
Bromes	Bromus	
Cheatgrass	B. secalinus	
Downy Brome	B. tectorum	
Ripgut Brome	B. rigidus	
Soft Chess	B. mollis	
Large (Hairy) Crabgrass	Digitaria sanguinalis	
Smooth Crabgrass	Digitaria ischaemum	
Southwestern Cupgrass	Eriochloa gracilis	
Foxtails	Setaria	
Bristly Foxtail	S verticilla	
Giant Foxtail	S. faberi	
Green Foxtail	S. viridis	

WEEDS CONTROLLED BY DEVRINOL 2-G ORNAMENTAL		
Yellow Foxtail	S. lutescens	
Goosegrass	Eleusine indica	
Seedling Johnsongrass	Sorghum halepense	
Wild Oats	Avena fatua	
Panicums	Panicum	
Guineagrass	P. Paximum	
Fall Panicum	P. dichotomiflorum	
Texas Panicum	P. texanum	
Witchgrass	P. capillare	
Italian Ryegrass	Lolium multiflorum	
Sandbur	Cenchrus spp.	
Red Sprangletop	Leptochloa filiformis	
Stinkgrass	Eragrostis cilianensis	
ANNUAL BROADLEAF WEEDS:		
Carpetweed	Mollugo verticillata	
Common Chickweed	Stellaria media	
Coast Fiddleneck	Amsinckia intermedia	
Filaree	Erodium spp.	
Groundsel	Senecio spp	
Prostrate Knotweed	Polygonum aviculare	
Lambsquarters	Chenopodium album	
Prickly Lettuce	Lactuca serriola	
Little Mallow*	Malva parviflora	
Redroot Pigweed	Amaranthus retroflexus	
Pineappleweed	Matricaria matricarioides	
Common Purslane	Portulaca oleracea	
Horse Purslane	Trianthema portullacastrum	
Common Ragweed**	Ambrosia artemisiifolia	
Annual Sowthistle	Sonchus oleraceus	

^{*}From seed
**Suppression

WHERE TO USE THIS PRODUCT

DEVRINOL 2-G ORNAMENTAL can be applied over small ornamental plants or around larger plants in rose gardens, container plantings, ornamental landscapes and ground covers including dichondra.

Use DEVRINOL 2-G ORNAMENTAL for weed control in the following plants:

Deciduous and Evergreen Trees

Acer Elm, Siberian
Alder, Black Eucalyptus
Ash Ficus
Balsam Fir Fir
Birch Gleditsia
Birch, European White Golden Rain Tree
Black Walnut Gum, Sweet

CedarHemlockCitrusJapanese LarchCrataegusLaburnumCypressLittle Leaf Linden

Dogwood Malus

Douglas Fir Maple, Japanese Maple, Red

Olive (Olea)

Palm (Washingtonia robusta)

Picea
Pine, White
Pin Oak
Pinus
Pittosporum
Podocarpus

Podocarpus Populus Prunus Pears Pistachios

Spruce, Colorado Blue

Tulip Tree

Wisteria, Chinese

Deciduous and Evergreen Shrubs

Abelia Euonymus Oleander Arizona Fuchsia Forsythia Osmanthus Arrowwood Gardenia Photinia Asparagus (Sprengeri) Heather (Calluna) Pittosporum Aucuba Hibiscus Podocarpus Azalea Honeysuckle (Lonicera) Pyracantha Hypericum Raphiolepis

Azalea Honeysuckle (Lonicera) Pyracantha
Beach Plum Hypericum Raphiolepis
Bottlebrush Ilex Rhododendron
Bougainvillea Juniperus Rosa
Buxus Leucothe Serviceberry

Camellia Ligustrum Star Jasmine
Cotoneaster Nandina Taxus
Crepe Myrtle Natal Plum Viburnum
Dogwood Xylosema

Ground Covers

Ajuga Fern, Log Lantana Fern, Royal Liriope Carpobrotus Delosperma Fern, Shaggy Shield Osteosperma Dichondra Ganzania Pachysandra Erysimum Hedera Ribbon Grass Fern, Christmas Hypericum Russian Sage Fern, Hay-scented Iceplant Sedum Fern, Japanese Painted Silver Sage Ivy

Fern, Lady Vinca

CONTAINER STOCK

Abelia Eucalyptus Pachysandra

Agapanthus Euonymus Palm (Washingtonia robusta)

Ageratum Fir Photinia Asparagus Forsythia Pinus spp. Azalea Gardenia Pittosporum Bottlebrush Geranium **Podocarpus** Bougainvillea Heather Pyracantha Buxus Hedera Raphiolepis Camellia Hibiscus Rhododendron

Cedar Ilex Rosa Cotoneaster Sedum Juniperus Crepe Myrtle Leucothe Star Jasmine Cypress Ligustrum Thuia Dogwood Liriope Vinca Douglas Fir Nandina Xylosema

Flowers

African Daisy Dahlia Petunia

Aster Daisy Pincushion Flower
Beard-Tongue Daylily Plantain Lily (Hosta)
Bellflower, Tussock Gazania Redrocks Penastemon

Bird of Paradise Geranium Speedwell Blanket Flower Gladiolus Stonecrop Bleeding Heart Leopards Bane Sun Daisy Boltonia Lily of the Incas Sunset Hyssop Cheddar Pink Moss Pink Yarrow, Common Chrysanthemum Mums Yellow Loostrife

Cleyera Narcissus Zinnia

Coneflower, Purple Pasque Flower

Fruit and Nuts

AlmondLemonPistachioAppleNectarinePlumApricotOrangePruneCherryPeachTangerineFilbertPearWalnut

Grape Pecan

Strawberry: Applications should be delayed until the desired number of daughter plants have become established. Do not apply from bloom through harvest.

WHEN TO USE THIS PRODUCT

DEVRINOL 2-G ORNAMENTAL should be used before weeds germinate. It will not control established weeds.

Application can be made anytime of the year to weed-free soil. Fall and winter applications will provide excellent weed control the following spring and summer.

In containers, apply after setting and watering the plants.

DEVRINOL 2-G ORNAMENTAL should be spread evenly on the soil surface using a shaker can or granular herbicide applicator.

Do not apply when weather conditions favor drift from areas treated.

When weed infestation is heavy or when broadleaves are the primary weeds, use one pound on 145 square feet (6.9 lbs./1,000 sq. ft.). For annual grassy weeds or when weed infestation is light, use one pound on 218 square feet (4.6 lbs/1,000 sq.ft.).

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Do not apply more than 4.6 lb. DEVRINOL 2-G ORNAMENTAL per 1,000 sq. ft in California.

DEVRINOL 2-G ORNAMENTAL should be incorporated evenly into the soil using a hand cultivator to a depth of 1-2 inches or irrigation or natural moisture (rainfall or snow) (½ inch within 2-3 days) for optimum results.

For weed control in dichondra, apply at the time of seeding or to establish dichondra including dichondra sod. Irrigate with a minimum of one inch of water.

RECOMMENDATIONS: TURF GRASS (For Use on Warm Season Grasses Only)

DEVRINOL 2-G ORNAMENTAL is recommended for annual bluegrass, crabgrass and goosegrass control in the following established turf grasses: bahia, bermudagrass, centipede, St. Augustine and fescue.

TIMING OF APPLICATION:

For control of crabgrass and goosegrass, apply DEVRINOL 2-G ORNAMENTAL at the recommended rate. Application should be made 2-3 weeks prior to weed emergence. DEVRINOL 2-G ORNAMENTAL should be applied with a gravity flow drop spreader or a cyclone type spreader. A more uniform application can be made by spreading half the required amount over the area to be treated, then applying the remainder at right angles.

DEVRINOL 2-G ORNAMENTAL requires a minimum of one half (½) inch of rainfall or irrigation 2-3 days after application for adequate control. If irrigation methods are not available, the timing of the application of DEVRINOL 2-G ORNAMENTAL should be moved back several weeks to allow for some rainfall between application and weed germination.

RATES OF APPLICATION:

For Crabgrass Control: Apply 100 to 150 lbs. of DEVRINOL 2-G ORNAMENTAL uniformly per acre (2.25-3.38* lbs per 1,000 sq. ft.). Use the higher rate when applying before January 1 (not applicable north of South Carolina or when weed infestation is expected to be heavy).

*Where a rate range is given, use the higher rate when weed infestation is expected to be heavy.

For Goosegrass Control: Apply 100 to 150 lbs. of DEVRINOL 2-G ORNAMENTAL per acre (2.25-3.38 lbs. per 1,000 sq. ft.). Goosegrass usually starts to germinate 6 to 7 weeks after the start of crabgrass germination.

Split Application for Crabgrass and Goosegrass Control: When both of these weeds are to be controlled, apply 100 lbs. of DEVRINOL 2-G ORNAMENTAL spread uniformly per acre (2.25 lbs. per 1,000 sq. ft.) for crabgrass and another 100 lbs. of DEVRINOL 2-G ORNAMENTAL per acre for goosegrass. Apply 8-10 weeks apart. Timing should be adjusted to the germination of weeds in your area. Split applications give longer and better weed control than one application.

For Annual Bluegrass (Poa Annua) Control: Annual bluegrass is a winter annual in most of the warm season turf regions; therefore, application of DEVRINOL 2-G ORNAMENTAL should be made in the fall before the annual bluegrass germinates. Apply 100-150 lbs. of DEVRINOL 2-G ORNAMENTAL per acre (2.25-3.38 lbs. per 1,000 sq. ft.).

Reseeding: Do not reseed or overseed within six months after application.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use. Store in a cool dry place. Do not store near seeds, fertilizer or food stuffs.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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.