


70506-78

08/16/2005

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Please read instructions on reverse before completing form

Form Approved, OMB No. 2070-0060, Approval expires 5-31-98

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	274887
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

**Application for Pesticide - Section I**

1. Company/Product Number 70506-78	2. EPA Product Manager J. Tompkins	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) United Phosphorus, Inc/Pronamide 50WSP	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____	
<input type="checkbox"/> Check if this is a new address		

**Section - II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> <b>AUG 16 2005</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application	
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - Explain below	

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)


Update of company, hotline, and EPA Reg. No. information following product transfer.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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 this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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.

**Section III**

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

**Section IV**

1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca A. Clemmer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 609-392-8200
<b>Certification</b> 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  (S'tamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Rebecca A. Clemmer	5. Date August 2, 2005	

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

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

**RESTRICTED USE PESTICIDE**

Because pronamide has produced tumors in laboratory animals, this product is for retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

## Pronamide 50 WSP

### Selective Herbicide in Water-Soluble Pouches

**FOR USE ON:**

- Artichoke (Globe)
- Blackberry/Boysenberry/Raspberry
- Blueberry
- CRP Established Grass Stands
- CRP Fallow Land
- Fallow Land
- Grasses (Ornamental)
- Alfalfa, Clover, Birdsfoot Trefoil, Crown Vetch, Sainfoin
- Lettuce/Endive/Escarole/Radicchio Greens
- Rhubarb
- Apple, Apricot, Cherry, Grape, Nectarine, Peach, Pear, Plum, Prune
- Winter Peas
- Woody Ornamentals, Nursery Stock of Ornamentals, Christmas Trees

**ACTIVE INGREDIENT:**

Pronamide: 3,5-dichloro-N-(1,1-dimethyl-2-propynyl) benzamide ..... 51.0%

**OTHER INGREDIENTS:** ..... 49.0%

**TOTAL:** ..... 100.0%

**Keep Out of Reach of Children**  
**CAUTION**

<b>FIRST AID</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
In an emergency, call CHEM-TREE at 1-800-424-9293.	

**See inside label booklet for additional PRECAUTIONARY STATEMENTS**

EPA Reg. No. 4-22-270506-78

EPA Est. No. \_\_\_\_\_

Dist. by: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ Net Weight: \_\_\_\_\_

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

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading

Clothing that has been drenched or heavily contaminated with this product's concentrate should be disposed of in accordance with State or local regulations. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 mean high water mark. Do not contaminate water when disposing of equipment washwaters.

**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.

**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. 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 24 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 short-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

**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.

Keep unprotected persons out of treated area until sprays have dried.

**GENERAL INFORMATION**

Pronamide 50 WSP is formulated as a wettable powder containing 50% active ingredient packaged in a one-pound water-soluble pouch. It is effective for the control of a wide range of grasses and certain broadleaf weeds. This product is a soil active herbicide with uptake by sensitive weeds occurring through the roots. Before using this herbicide for a specific crop use, study the following general use information that provides important instructions for the safe and effective application of this product.

**Use Restrictions:** Hand-spray applications of pronamide may only be made to ornamentals and nursery stock of ornamentals.

**Chemigation:** Do not apply this product through any type of irrigation system.

**WEED SPECTRUM**

Pronamide 50 WSP is recommended for both preemergence and early postemergence control of winter annual and perennial grasses and chickweed and for preemergence control only of certain other broadleaf weeds and certain other grasses listed.

**Weeds Controlled Both Preemergence and Early Postemergence**

BARLEY, FOXTAIL	<i>Hordeum jubatum</i>	GOATGRASS, JOINTED	<i>Aegilops cylindrica</i>
BARLEY, VOLUNTEER	<i>Hordeum vulgare</i>	OAT, VOLUNTEER	<i>Avena sativa</i>
BENTGRASS	<i>Agrostis species</i>	OAT, WILD	<i>Avena fatua</i>
BLUEGRASS, ANNUAL	<i>Poa annua</i>	ORCHARDGRASS	<i>Dactylis glomerata</i>
BLUEGRASS, BULBOUS	<i>Poa bulbosa</i>	QUACKGRASS	<i>Agropyron repens</i>
BLUEGRASS.	<i>Poa pratensis</i>	RYE, VOLUNTEER	<i>Secale cereale</i>
KENTUCKY			
BROME, DOWNY	<i>Bromus tectorum</i>	RYEGRASS, ITALIAN	<i>Lolium multiflorum</i>
(CHEATGRASS)			
CHICKWEED, COMMON	<i>Stellaria media</i>	RYEGRASS, PERENNIAL	<i>Lolium perenne</i>
CHICKWEED, MOUSE - EAR	<i>Cerastium vulgatum</i>	VELVETGRASS	<i>Holcus lanatus</i>
FESCUE, TALL	<i>Festuca arundinaceae</i>	WHEAT, VOLUNTEER	<i>Triticum aestivum</i>

**Weeds Controlled Only Preemergence**

BARNYARDGRASS	<i>Echinochloa crus-galli</i>	MORNINGGLORY, ANNUAL	<i>Ipomoea purpurea</i>
CANARYGRASS	<i>Phalaris canariensis</i>	MUSTARD, WILD	<i>Brassica kaber</i>

CARPETWEED	<i>Mollugo verticillata</i>	NETTLE, BURNING	<i>Urtica urens</i>
CRABGRASS, LARGE	<i>Digitaria,</i> <i>sanguinalis</i>	NIGHTSHADE, BLACK	<i>Solanum nigrum</i>
DODDER, FIELD	<i>Cuscuta campestris</i>	NIGHTSHADE, HAIRY	<i>Solanum sarachoides</i>
FOXTAIL, YELLOW	<i>Setaria lutescens</i>	PANICUM, FALL	<i>Panicum</i> <i>dichotomiclorum</i>
GOOSEFOOT,	<i>Chenopodium</i>	PURSLANE, COMMON	<i>Portulaca oleracea</i>
NETTLELEAF	<i>murale</i>		
GOOSEGRASS	<i>Eleusine indica</i>	RADISH, WILD	<i>Raphanus sativus</i>
HENBIT	<i>Laniam</i> <i>amplexicaule</i>	ROCKET, LONDON	<i>Sisymbrium irio</i>
KNOTWEED,	<i>Polygonum</i>	SHEPHERDSPURSE	<i>Capsella bursa-</i> <i>pastoris</i>
PROSTRATE	<i>aviculare</i>		
LAMBSQUARTERS,	<i>Chenopodium album</i>	SMARTWEED, PALE	<i>Polygonum</i> <i>lapathifolium</i>
COMMON			
LOVEGRASS	<i>Eragrostis diffusa</i>	SORREL, RED (from seed)	<i>Rumex acetosella</i>
MALLOW, LITTLE (CHEESEWEED)	<i>Malva parviflora</i>	TOMATO, VOLUNTEER	<i>Solanum esculentum</i>

**Note:** The weed species controlled by Pronamide 50 WSP are dependent on the rate used, specific crop culture involved, and the associated conditions of temperature, soil type and moisture availability. Refer to specific crop use directions for weed species controlled.

**DOSAGE**

The rate of Pronamide 50 WSP required will vary depending on the crop culture involved and weed species to be controlled. See the specific crop use directions for all dosage recommendations. All dosage recommendations listed in this label are in terms of pounds Pronamide 50 WSP per broadcast acre. For banded application, the amount of Pronamide 50 WSP used per acre should be reduced according to the following formula:

$$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}} \times \text{Rate per Acre Broadcast} = \text{Amount Needed per Acre for Band Application}$$

**TIMING AND APPLICATION**

Unless specific directions are given under the crop to be treated, apply Pronamide 50 WSP in the fall or early winter, when temperatures do not exceed 55°F **BUT PRIOR TO SOIL FREEZE-UP**. Best weed control results when Pronamide 50 WSP is applied preemergence to the weeds and when application is followed by rainfall or irrigation to move the product into the root zone of the germinating weeds.

Thoroughly mix Pronamide 50 WSP in clean water at the recommended concentration and apply uniformly as a spray. For ground application, use a conventional low-pressure herbicide sprayer equipped with flat fan nozzles spaced and calibrated to uniformly deliver 20 to 50 gallons of spray per acre. For aerial applications, apply in a coarse droplet spray at 5 to 10 gallons per acre. Accurately calibrate spray equipment prior to each use.

**COMPATIBILITY**

Pronamide 50 WSP is compatible with most commonly used agricultural pesticides, crop oil concentrate and adjuvants. When preparing tank mixes, user should consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use.

**Note:** Pronamide 50 WSP is compatible with boron and crop oil concentrate; however, the water-soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

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### EFFECT OF SOIL TYPE, MOISTURE AND TEMPERATURE

Pronamide 50 WSP is most active in coarse to medium textured soils of low organic matter and relatively inactive in peat or muck soils or mineral soils high in organic matter content at rates recommended in this label. Herbicidal activity is best in soils containing less than 4 percent organic matter. Use in soils with higher organic matter may result in incomplete or inconsistent weed control.

The herbicidal activity of Pronamide 50 WSP is mainly through root absorption in sensitive weed species. Rain, melting snow or irrigation is **essential** following treatment to move Pronamide 50 WSP into the root zone of germinating weeds. Under field conditions, Pronamide 50 WSP will remain relatively stable with little loss of herbicidal activity when soil temperatures are less than 55°F. As soil temperatures increase, degradation of the active ingredient takes place. Pronamide 50 WSP may degrade rather quickly if left exposed on the soil surface in warm weather. If Pronamide 50 WSP is applied when air temperatures exceed 85°F, it should be soil incorporated to a shallow depth (top two to three inches) or watered into the soil as soon as possible.

### CULTURAL CONSIDERATIONS

Apply Pronamide 50 WSP to a trash-free soil surface. Clean cultivation before application is preferred, but not necessary. To obtain optimum weed control in areas not clean cultivated, the area to be treated should be free of surface litter (dead or decaying crop and weed debris, mowing clippings, etc.). Trash-free areas create ideal conditions for rapid movement of Pronamide 50 WSP into the weed root zone following rain or irrigation.

### ROTATION CROP PLANTING INFORMATION

Follow the directions given below when rotation crops will be planted to areas previously treated with Pronamide 50 WSP.

**NOTE: Crops not listed in Crop Groups A, B, C, D (below) must not be planted back sooner than 365 days after the last Pronamide 50 WSP application regardless of the rate of Pronamide 50 WSP used. Further, rotational crops are restricted to artichokes, apples, apricots, cherries, nectarines, peaches, pears, plums, prunes or grapes in fields previously planted with these crops and treated with more than 4.0 pounds of Pronamide 50 WSP (2.0 lbs. a.i.), per planted acre<sup>1</sup>.**

**In fields planted with blackberries, boysenberries or raspberries and treated with more than 4.0 pounds of Pronamide 50 WSP per planted acre, rotational crops are restricted to these crops and artichokes, apples, apricots, cherries, nectarines, peaches, pears, plums, prunes or grapes.**

Whether Pronamide 50 WSP is bed-topped, banded or broadcast, the beds should be knocked down and field cross-disked before rotation crops other than artichokes, lettuce, endive, radicchio or escarole are planted.

Where the Pronamide 50 WSP treatment is to be followed by a rotation crop within 180 days of application, bed-topped or banded applications are suggested. Where rotation crops are to follow within 365 days of the Pronamide 50 WSP treatment, the following rotational plan applies:

Amount of Pronamide 50 WSP Applied/Planted Acre <sup>1</sup>	Waiting Period in Days Before Planting the Crops Indicated <sup>2</sup>			
	Group A	Group B	Group C	Group D
1.0 lb.	0	90	90	180
2.0 lbs.	0	90	120	180
3.0 lbs.	0	120	180	180
4.0 lbs.	0	150	210	180

<sup>1</sup>Planted Acre refers to Acreage planted. Pronamide 50 WSP at 4.0 pounds of product per treated acre on two 5-inch treated bands (40 inch centers) is the equivalent of one pound Pronamide 50 WSP per planted acre. Pronamide 50 WSP at 4.0 pounds of product as a broadcast treatment (total acreage sprayed) is the equivalent of 4.0 pounds of Pronamide 50 WSP per planted acre.

<sup>2</sup>**Crop Group A** – Artichokes; **Crop Group B** – Beans, cotton, carrots, celery; **Crop Group C** – Broccoli, cabbage, cauliflower, cucurbits, spinach, sugarbeets, onion, tomatoes; **Crop Group D** – Lettuce, endive, escarole, radicchio

**ARTICHOKE (GLOBE)**

**(CALIFORNIA ONLY)**

**General Information**

Pronamide 50 WSP is a selective herbicide for the control of susceptible weeds in either established (ratoon) or transplanted globe artichokes.

**Weeds Controlled**

Pronamide 50 WSP is effective at 4.0 to 8.0 pounds of product (2.0 to 4.0 pounds active ingredient) per treated acre for the preemergence control of the following weeds:

Barley, volunteer	Foxtail, yellow	Mallow, little (cheeseweed)	Oat, volunteer
Bluegrass, annual	Goosefoot, nettleleaf	Mustard, wild	Oat, wild
Chickweed, common	Henbit	Nettle, burning	Ryegrass, Italian
Chickweed, mouse-ear	Knotweed, prostrate	Nightshade, hairy	Wheat, volunteer

<b>Pronamide 50 WSP Rate (Per Broadcast Acre)*</b>				
<b>Crop</b>	<b>Weeds</b>	<b>Dependable Rainfall or Overhead Irrigation</b>	<b>Less Dependable Rainfall or Furrow Irrigation</b>	<b>Comments</b>
Globe Artichokes (established ratoon)	Susceptible annual grasses, volunteer grains and broadleaf weeds	4.0 lbs.	Not recommended	Sandy soils, sandy loams and silt loams
		8.0 lbs.	Not recommended	Silt, silty clay loams, clay loams and clay soils
Globe Artichokes (newly transplanted crowns)	Susceptible annual grasses, volunteer grains and broadleaf weeds	4.0 lbs.	Not recommended	All soil types except peat and muck soils

\*Dosage recommendations listed on this label are in terms of pounds Pronamide 50 WSP per acre broadcast application. For banded treatments down artichoke rows or between rows, the amount of Pronamide 50 WSP used per acre should be reduced according to the following formula:

$$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}} \times \text{Rate per Acre Broadcast} = \text{Amount Needed per Acre for Band Application}$$

**Dosage and Timing Recommendations**

**Established Ratoon Artichokes**

Apply Pronamide 50 WSP in a single postemergence application to the crop after tillage operations are completed and shoot regrowth of the artichokes has occurred. Application timing of Pronamide 50 WSP should be preemergence to the weeds and before new artichoke leaves are greater than 14 to 16 inches long. Apply Pronamide 50 WSP in a banded treatment over the crop row at the rate of 4.0 to 8.0 pounds of product per broadcast acre (see dosage rate for soil type in chart). A second application of Pronamide

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50 WSP at the same rate may be applied 60 days or more prior to harvest in a banded treatment directed to the untreated soil surface between the artichoke rows after the ditching operation is completed later in the season.

### **Transplanted Artichoke Crowns**

Apply Pronamide 50 WSP in a single application after transplanting the crowns but before new shoots have developed 3 to 4 new leaves. Pronamide 50 WSP should be applied preemergence to the weeds and banded over the crop row at the rate of 4.0 pounds of product per broadcast acre. Do not use higher rates of Pronamide 50 WSP than 4.0 pounds per acre in one season. A second application of Pronamide 50 WSP at the same rate may be applied 60 days or more prior to harvest in a banded treatment directly to the untreated soil surface between the artichoke rows after the ditching operation is completed later in the season.

### **Application**

Pronamide 50 WSP may be applied by aircraft or ground sprayer for preemergence control of susceptible grasses and broadleaf weeds in established ratoon artichokes or transplanted artichoke crowns.

**Ground** – Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a ground sprayer in 20 to 50 gallons of water per acre. Reduce dosage and volume accordingly for banded treatments. Use a standard low pressure herbicide sprayer equipped with flat fan nozzles that give uniform spray distribution.

**Aerial** – Mix the recommended amount of Pronamide 50 WSP in a minimum of 10 gallons of water per acre for aerial application. Avoid drift to all other crops and non-target areas.

### **Moisture and Irrigation Requirements**

Moisture is necessary to activate Pronamide 50 WSP in the soil and move it into the root zone of germinating weeds. In artichoke culture, natural rainfall or supplementary overhead irrigation within 1 to 3 days after the application of Pronamide 50 WSP is essential for effective weed control. For best results, use overhead sprinkler irrigation equipment to irrigate the field with 1 to 2 inches of water after application of Pronamide 50 WSP.

### **Effect of Soil Type**

Pronamide 50 WSP is not recommended for use on highly organic or muck soils because herbicidal activity is lowered significantly in these soils. Follow dosage rates suggested in the dosage recommendations chart according to the soil type for established and transplanted artichokes.

### **Rotation Crops**

Artichokes are generally long-term perennial crops. In the event that artichokes are discontinued and a rotational crop will be planted within one year where Pronamide 50 WSP was applied at the rate of 4.0 pounds of product per acre, follow the rotational crop requirements specified in the GENERAL INFORMATION section of this label under ROTATIONAL CROP PLANTING INFORMATION.

### **Artichoke – Specific Use Restrictions**

- Do not make more than 2 applications (one to the artichoke row and one to the untreated soil between the rows) per season.
- Do not apply more than 8.0 pounds of Pronamide 50 WSP to established artichokes or more than 4.0 pounds to newly transplanted artichokes per acre broadcast application.
- Do not harvest artichokes within 60 days of final application.
- Do not make more than one application to the artichoke row in one season.

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## **GRASSES (ORNAMENTAL)**

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## GROWN FOR TURF OR SEED

### General Information

Pronamide 50 WSP is a selective herbicide recommended for the preemergence and postemergence control of annual bluegrass (*Poa annua*) from warm season grasses and the removal of perennial rye grass (*Lolium perenne*) from warm season during spring transition. Warm season grasses include ornamental bermudagrass (*Cynodon dactylon*), Zoysiagrass, St. Augustinegrass and Centipedegrass or bermudagrass grown for seed.

### ANNUAL BLUEGRASS (*Poa Annua*) CONTROL

Pronamide 50 WSP will control annual bluegrass from pre-germination and seedling stages through tillering, heading and seed formation. Pronamide 50 WSP acts slowly on seedling to mature annual bluegrass. Following application of Pronamide 50 WSP, annual bluegrass may first become dark green and then gradually turn yellow and die over a 3 to 5 week period.

For effective control of annual bluegrass in turf or seed crops, moisture is necessary to move Pronamide 50 WSP in the weed root zone. Refer to the Moisture Requirements section of this label for additional information.

### Dosage and Timing

For annual bluegrass control, Pronamide 50 WSP is recommended at the rate of 1.0 to 3.0 pounds of product (0.5 to 1.5 pounds active ingredient) per acre broadcast application. The dosage rate required is dependent on the growth stage of annual bluegrass at the time of application. Follow the dosage rate and timing recommendations given below:

Annual Bluegrass Growth Stage	Pronamide 50 WSP Lbs. per Acre <sup>1</sup> Broadcast Application
Preemergence or early postemergence	1.0 - 2.0 <sup>2</sup>
Postemergence – early tillering to heading	1.5 - 2.0
Postemergence – seed forming stages	2.0 - 3.0

<sup>1</sup>One acre equals 43,560 sq. ft.

<sup>2</sup>Use the higher rate when longer preemergence residual control is desired.

### REMOVAL OF PERENNIAL RYE GRASS FROM WARM SEASON GRASSES

Pronamide 50 WSP will remove postemergent perennial rye grass from warm season grasses during the spring to control the transition from cool season overseeded to warm season grasses. Pronamide 50 WSP works slowly to control mature perennial rye grass. After an application of Pronamide 50 WSP, perennial rye grass will gradually die over a 4 to 6 week period. The length of this transition is dependent upon environmental factors such as temperature, rainfall and mowing height of the turf.

### Dosage and Timing

For removal of perennial rye grass from warm season grasses, Pronamide 50 WSP is recommended at a rate of 1.0 to 2.0 pounds of product (0.5 to 1.0 pound active ingredient) per broadcast acre. It is best to apply Pronamide 50 WSP to warm season grasses at 50% greenup. Application of Pronamide 50 WSP to dormant warm season grasses can slow greenup.

### Application

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a low-pressure ground sprayer in 20 to 50 gallons of water per acre or 0.5 to 1 gallon of water per 1,000 sq. ft. The sprayer should be equipped with flat fan nozzles, spaced to provide uniform distribution without skips or excessive overlapping of spray patterns.

**Note:** Avoid spraying on fairways or approaches that may drain onto bentgrass greens or to areas overseeded with sensitive cool season grasses. Do not make an application of a wetting agent for the purpose of frost protection or soil penetration to greens or tees 14 days prior to or after a Pronamide 50 WSP application as injury may result.

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**Moisture Requirements**

Pronamide 50 WSP acts mainly through root absorption in sensitive weed species. If no rainfall occurs within a day or so of the application, a light overhead irrigation should be made to move the chemical into the weed zone. Avoid heavy irrigations of more than 1 inch to reduce the possibility of excess washing or leaching of the chemical from the area of application.

**Pronamide 50 WSP Deactivation for Overseeding**

Where it is desirable to reseed sooner than 90 days following the application of Pronamide 50 WSP, an application of an activated charcoal such as Gro-Safe® is needed. Apply the activated charcoal at the rate of 10 pounds per 1,000 sq. ft. Allow at least 14 days between the Pronamide 50 WSP application and the charcoal application for control of emerged annual bluegrass. Reseed no sooner than seven days following charcoal application.

**Grasses (Ornamental) Turf or Seed Crop – Specific Use Restrictions**

- This product may be used on seeded, sodded, or sprigged ornamental turf or turf grown for seed that is well established. Use of this product on turf that has been weakened by weather-, pest-, disease-, chemical- or mechanical-related stress may increase the chances of turf injury.
- Pronamide 50 WSP should only be applied to turf lawns that are composed of the following turfgrass species: Bermudagrass (*Cynodon dactylon*), Centipedegrass (*Eremochloa ophiuroides*), St. Augustinegrass (*Stenotaphrum secundatum*), and Zoysiagrass (*Zoysia japonica*).
- Do not apply Pronamide 50 WSP to areas that are to be overseeded with susceptible cool season grasses within 90 days of treatment unless deactivation is planned.
- Do not apply Pronamide 50 WSP to dichondra, perennial bluegrass, annual and perennial ryegrasses, fescue and bentgrasses.
- Do not graze treated areas and do not feed clippings to livestock.
- Do not apply more than one application of Pronamide 50 WSP per season and do not apply Pronamide 50 WSP at rates higher than 3.0 pounds product (1.5 pounds active ingredient) per acre.
- Avoid spraying on hill sides, fairways, or approaches that may drain onto bentgrass greens or to areas overseeded with sensitive cool season grasses. Do not make an application of a wetting agent for the purpose of frost protection or soil penetration to greens or tees 14 days prior to or after a Pronamide 50 WSP application as injury may result.

**BLACKBERRY/BOYSENBERRY/RASPBERRY**

**(OREGON AND WASHINGTON ONLY)**

**General Information**

Pronamide 50 WSP is a selective herbicide recommended for fall and winter applications to established blackberries, boysenberries and raspberries for both preemergence and postemergence control of certain winter annual and perennial grasses.

**Dosage**

Pronamide 50 WSP is recommended at the rate of 2.0 to 6.0 pounds of product (1.0 to 3.0 pounds active ingredient) per acre broadcast application. The rate will depend on the soil texture of the site being treated and on the weed species present. Follow the weed control recommendations listed in the chart below:

Pounds of Pronamide 50 WSP per Acre <sup>1</sup>		
Weeds Controlled	Dependable Rainfall or Overhead Irrigation <sup>2</sup>	Comments
Bluegrass, annual	2.0 – 4.0	Use low rates on light to medium soils and high rates on heavy soils.
Quackgrass	4.0 – 6.0	
Ryegrass, perennial	4.0 – 6.0	

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<sup>1</sup>Dosage rates recommended are in pounds of Pronamide 50 WSP per acre broadcast application. Reduce rates accordingly for banded applications.

<sup>2</sup>For effective weed control, rainfall or overhead irrigation is essential following the application of Pronamide 50 WSP.

**Crop Tolerance**

Established cane fruit are tolerant to recommended rates of Pronamide 50 WSP. Newly transplanted blackberries, boysenberries and raspberries should be well rooted and transplanted for at least 3 months prior to the application of Pronamide 50 WSP.

**Timing and Application**

Apply Pronamide 50 WSP only during the fall or winter months. For optimum results, apply Pronamide 50 WSP during November or December. Do not make applications when the ground is frozen. Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a low pressure ground sprayer in 20 to 50 gallons of water per acre.

**Blackberry/Boysenberry/Raspberry – Specific Use Restrictions**

- Do not make more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 6.0 pounds product (3.0 pounds active ingredient) per acre.

**BLUEBERRY**

**General Information**

Pronamide 50 WSP is a selective herbicide recommended for fall and winter applications to established blueberries for both preemergence and postemergence control of winter annual and perennial grasses and chickweed and preemergence control of certain broadleaf weeds.

**Dosage Recommendations**

Pronamide 50 WSP is recommended at the rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per acre broadcast application. The rate will depend on the weed species present. Follow the weed control recommendations listed in the chart below:

Weeds Controlled	Pounds Pronamide 50 WSP Per Acre <sup>1</sup> Dependable Rainfall or Overhead Irrigation <sup>2</sup>
Bluegrass, annual Brome, downy (cheatgrass) Chickweed Oat, wild Sorrel, red (from seed)	2.0
Bentgrass Bluegrass, Kentucky Fescue, tall Orchardgrass Quackgrass Ryegrass, perennial Velvetgrass	4.0

<sup>1</sup>Dosage rates recommended are in pounds of Pronamide 50 WSP per acre broadcast application. Reduce rates accordingly for banded applications.

<sup>2</sup>For effective weed control, rainfall or overhead irrigation is essential following the application of Pronamide 50 WSP.

**Crop Tolerance**

Established blueberry plants are tolerant to recommended rates of Pronamide 50 WSP. Do not apply Pronamide 50 WSP to newly transplanted blueberries until roots are well established.

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**Timing and Application**

Apply Pronamide 50 WSP in a single application during the fall or early winter months, but prior to soil freeze-up and snow cover. Optimum herbicidal activity occurs when applications are made under cool temperature conditions (55°F or less) and are followed by rainfall or overhead irrigation.

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a low pressure ground sprayer in 20 to 50 gallons of water per acre.

**Blueberry – Specific Use Restrictions**

- Do not make more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 4.0 pounds product (2.0 pounds active ingredient) per acre.

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**CONSERVATION RESERVE PROGRAM  
ESTABLISHED GRASS STANDS**

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**WINTER ANNUAL GRASS CONTROL IN ESTABLISHED GRASS STANDS ENROLLED IN  
THE CONSERVATION RESERVE PROGRAM (CRP)**

**(IDAHO, OREGON AND WASHINGTON ONLY)**

**General Information**

Pronamide 50 WSP is a selective herbicide for the control or suppression of certain winter annual grasses in established grass stands on land that is currently enrolled in the USDA’s Conservation Reserve Program (CRP). The use of Pronamide 50 WSP under this label, is restricted to those CRP acres that have an acceptable stand of grass (of species specified on this label) that has been established for a minimum of 1 year.

Pronamide 50 WSP is a soil active herbicide that is absorbed through the roots. To achieve good weed control, sufficient soil moisture from rain or melting snow is required following treatment to move Pronamide 50 WSP into the root zone of susceptible generating weeds.

**Weeds Controlled (Suppression)**

Pronamide 50 WSP will provide preemergence and postemergence control (or suppression) of the following weeds when used according to labeled directions:

- Bluegrass, bulbous
- Brome, downy
- Goatgrass, jointed
- Rye, cereal

**Dosage**

Apply Pronamide 50 WSP in a single application at a rate of 0.4 pound (0.2 pound active ingredient) per acre.

**Timing**

Apply Pronamide 50 WSP between mid-October and mid-December to achieve optimum herbicidal activity. Applications made outside these dates could result in poor weed control.

**Application**

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly in a broadcast application. For ground application, Pronamide 50 WSP should be applied in 10 to 20 gallons of water per acre with a conventional low pressure herbicide sprayer. For aerial applications, apply in a coarse droplet spray at 5 to 10 gallons per acre. Accurately calibrate spray equipment before each use.

**Grass Species Tolerance**

The following grass species have shown satisfactory\* tolerance to Pronamide 50 WSP when used as recommended:

- Fescue, tall
- Foxtail, creeping
- Orchardgrass
- Wheatgrass, crested
- Wheatgrass, intermediate
- Wheatgrass, slender
- Wheatgrass, tall
- Wheatgrass, western

\*Slight growth suppression of these grass species may occur in the spring following the Pronamide 50 WSP application.

**CRP Established Grass Stands – Specific Use Restrictions**

- In accordance with the provisions of the Conservation Reserve Program, any CRP acres (including those acres treated with Pronamide 50 WSP) cannot be grazed or the hay cut for feed.
- Refer to the ROTATION CROP PLANTING INFORMATION section of this label for any plant-back restrictions not covered under the CRP agreement.
- Do not apply more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 0.4 pounds of product (0.2 pounds active ingredient) per acre.

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**CONSERVATION RESERVE PROGRAM  
FALLOW LAND**

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**FALLOW LAND TO BE ROTATED TO GRASS COVER CROPS FOR USE IN THE  
CONSERVATION RESERVE PROGRAM (CRP)  
(IDAHO, OREGON AND WASHINGTON ONLY)**

**General Information**

Pronamide 50 WSP is a selective herbicide for use on fallow land to control certain winter annual grasses and volunteer grains. Use of the product is restricted to summer fallow land that will be planted back the following year to grass cover crops for soil erosion or other conservation purposes.

Use rates and plant-back restrictions for Pronamide 50 WSP should be strictly followed or severe injury to the following rotation crops may occur.

Pronamide 50 WSP is a soil active herbicide that is absorbed through weed roots. In order to achieve good weed control, sufficient soil moisture from rain, melting snow or irrigation is required following treatment to move Pronamide 50 WSP into the soil to the weed root zone.

Do not use any tillage in the fall prior to or after the application of Pronamide 50 WSP to fallow land since weed control will be reduced.

**Weeds Controlled**

Pronamide 50 WSP will provide preemergence and postemergence control of the following weeds when used according to labeled directions:

- Barley, volunteer
- Bluegrass, bulbous
- Brome. downy (cheatgrass)
- Goatgrass, jointed
- Rye, volunteer
- Wheat, volunteer

**Dosage Rate and Timing**

Apply Pronamide 50 WSP in a single application at a rate of 0.5 to 1.0 pound (0.25 to 0.50 pound active ingredient) per acre. For optimum weed control, apply Pronamide 50 WSP between mid-October and

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mid-December, prior to soil freeze-up. Applications made outside these dates could result in poor weed control.

### **Application**

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly in a broadcast application. For ground application, Pronamide 50 WSP should be applied in 10 to 20 gallons of water per acre with a conventional low pressure herbicide sprayer equipped with flat fan nozzles. For aerial applications, apply in a coarse droplet spray at 5 to 10 gallons per acre. Spray equipment should be carefully calibrated before each use.

### **Rotational Crops**

All grass species recommended for use as a cover crop in the Conservation Reserve Program can be planted back to fallow land treated with Pronamide 50 WSP provided that the planting date occurs after August 15 of the year following the Pronamide 50 WSP application.

### **CRP – Fallow Land – Specific Use Restrictions**

- Do not use any tillage in the fall prior to or after the application of Pronamide 50 WSP.
- Do not plant any grass species back to fallow land treated with Pronamide 50 WSP until after August 15 of the year following the Pronamide 50 WSP application.
- Do not apply more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 1.0 pound of product (0.5 pound active ingredient) per acre.

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## **FALLOW LAND**

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### **General Information**

Pronamide 50 WSP is a selective herbicide for use on fallow land to control certain winter annual grasses and volunteer grains. Use this product only on summer fallow land which will be planted back the following year.

Pronamide 50 WSP is a soil active herbicide that is absorbed through weed roots. In order to achieve good weed control, sufficient soil moisture from rain, melting snow or irrigation is required following treatment to move Pronamide 50 WSP into the soil to the weed root zone.

Do not use any fall tillage prior to or after the application of Pronamide 50 WSP to fallow land, since weed control will be reduced. To ensure best weed control results with Pronamide 50 WSP, use a straw spreader when combining to eliminate chaff rows.

### **Weeds Controlled**

Pronamide 50 WSP will provide preemergence and postemergence control of the following weeds when used according to labeled directions:

Barley, volunteer  
Bluegrass, bulbous  
Brome, downy (cheatgrass)  
Goatgrass, jointed  
Rye, volunteer  
Wheat, volunteer

### **Dosage and Timing**

Apply Pronamide 50 WSP in a single application at a rate of 0.5 to 1.0 pound (0.25 to 0.50 pound active ingredient) per acre. For optimum weed control, apply Pronamide 50 WSP between mid-October and mid-December prior to soil freeze-up. Applications made outside these dates could result in poor weed control.

### **Application**

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly in a broadcast application. For ground application, Pronamide 50 WSP should be applied in 10 to 20 gallons of water

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per acre with a conventional low pressure herbicide sprayer equipped with flat fan nozzles. For aerial applications, apply Pronamide 50 WSP in a coarse droplet spray at 5 to 10 gallons per acre. Spray equipment should be carefully calibrated before each use.

**Rotation Crops**

Refer to the ROTATIONAL CROP PLANTING INFORMATION section of this label.

**Tank Mixture with Glean® Herbicide for Fallow Land**

Glean® herbicide may be tank mixed with Pronamide 50 WSP for the control or suppression of certain broadleaf weeds not controlled by Pronamide 50 WSP in fallow land areas. Refer to the Glean® label for list of weeds controlled.

**Dosage**

Use Pronamide 50 WSP at the rate of 0.5 to 0.75 pound (0.25 to 0.38 lb. active ingredient) per acre tank mixed with Glean® herbicide at the dosage rate recommended on the Glean® label for reduced tillage fallow weed control.

**Important:** Before applying a tank mixture of Pronamide 50 WSP and Glean® herbicides on fallow land areas, read and observe all label directions for each product. Use rates and plant-back restrictions should be strictly followed or severe injury to the following small grains crop may occur. In interpreting product labels for tank mixtures, the most restrictive situations must apply.

For crop rotation flexibility, do not use Glean® herbicide on all your fallow acreage.

**Fallow Land – Specific Use Restrictions**

- Do not apply more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 1.0 pound of product (0.5 pound active ingredient) per acre.
- Do not use any fall tillage prior to or after the application of Pronamide 50 WSP.
- Refer to the ROTATION CROP PLANTING INFORMATION section of this label for rotational crop restrictions.

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**ALFALFA, CLOVER, BIRDSFOOT TREFOIL, CROWN VETCH AND SAINFOIN GROWN FOR FORAGE AND SEED**

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**General Information**

Pronamide 50 WSP is a selective herbicide for fall or winter applications to alfalfa, clover, birdsfoot trefoil, crown vetch and sainfoin for both preemergence and postemergence control of susceptible winter annual and perennial grasses and for preemergence control of certain broadleaf weeds.

**Dosage**

Use Pronamide 50 WSP at the rate of 1.0 to 4.0 pounds of product (0.5 to 2.0 pounds active ingredient) per broadcast acre application. The required rate will depend on the weed species present as well as the type of irrigation used or the dependability of rainfall following application. The effective rate will be higher in low rainfall areas or where furrow irrigation is used than in areas of dependable rainfall or where overhead irrigation is practiced. Follow the weed control recommendations given in the chart below for fall or winter applications of Pronamide 50 WSP:

<b>Pounds of Pronamide 50 WSP per Acre Broadcast Application</b>		
<b>Weeds Controlled</b>	<b>Dependable Rainfall or Overhead Irrigation</b>	<b>Low Rainfall or Furrow Irrigation</b>
<b>Apply Preemergence or Postemergence to these Weeds:</b> Barley, foxtail Bluegrass, annual Brome, downy (cheatgrass) Chickweed	1.0 – 1.5	1.5 – 2.0

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Pounds of Pronamide 50 WSP per Acre Broadcast Application		
Weeds Controlled	Dependable Rainfall or Overhead Irrigation	Low Rainfall or Furrow Irrigation
Grain, volunteer Oat, wild Ryegrass, Italian		
Bluegrass, Kentucky Orchardgrass Ryegrass, perennial	1.5 – 2.0	2.0 – 3.0
Quackgrass	2.0 – 3.0	3.0 – 4.0
<b>Apply Preemergence Only to these Weeds:</b> Sorrel, red (from seed)	1.5 – 2.0	2.0 – 3.0
Mustard, wild Radish, wild Rocket, London Shepherdspurse	3.0	4.0

**Note:** For control of spring germinating cheatgrass and dodder, refer to specific instructions under Spring Use Directions for Established Alfalfa.

**Timing and Application**

Apply Pronamide 50 WSP during the fall or winter months. Optimum herbicidal activity occurs when applications are made under cool temperature conditions (55° or less) and are followed by rainfall or overhead irrigation. Applications should always be made BEFORE SOIL FREEZE-UP.

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a ground sprayer at 20 to 50 gallons per acre. Use a conventional herbicide sprayer equipped with flat fan nozzles at 40 to 60 psi.

Make applications postemergence to established, actively growing or dormant forage legumes or to new plantings after the legume has reached the trifoliolate leaf stage. In established forage legume stands, applications should be made after the last cutting when the weather and soil temperatures are cool. In fall seeded forage legumes, applications should be made after legumes have reached the trifoliolate leaf stage. In spring-seeded forage legumes, applications of Pronamide 50 WSP should be made the following fall or early winter to control winter annual and perennial grasses. Do not use Pronamide 50 WSP as a preplant or preemergence treatment or before the trifoliolate leaf stage of the legume has developed in new plantings as injury to the legume stand may result. Remove or disperse crop residues, trash, and ashes before treatment.

**Rotation Crops**

Where rotation crops are to follow within one year of the Pronamide 50 WSP treatment to alfalfa, clover, birdsfoot trefoil, crown vetch or sainfoin, follow the directions given in the ROTATION CROP PLANTING INFORMATION section of this label.

**Specific Use Restrictions – Alfalfa, Clover, Birdsfoot Trefoil, Crown Vetch and Sainfoin**

- Do not use more than 4.0 pounds of Pronamide 50 WSP per acre per season.
- Do not graze or harvest for forage or dehydration within the following intervals after application:

Alfalfa – below 3.0 pounds/acre Pronamide 50 WSP (West of Mississippi River)	25 days
Alfalfa – 3.0 to 4.0 pounds/acre Pronamide 50 WSP Acre (West of Mississippi River)	45 days
Clover, birdsfoot trefoil, crown vetch, sainfoin (entire U.S.) and alfalfa (East of Mississippi River) up to 4.0	120 days



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pounds/acre Pronamide 50 WSP

**SPRING USE DIRECTIONS FOR ESTABLISHED ALFALFA – DODDER CONTROL IN ALFALFA SEED CROPS**

**(ONLY IN CALIFORNIA, IDAHO, NEVADA, OREGON, UTAH AND WASHINGTON)**

**General Information**

For effective control, Pronamide 50 WSP must be moved into the soil either by rainfall or irrigation before the germination of dodder. Preferably, irrigation should be made within 1 to 3 days following the Pronamide 50 WSP application, but can be delayed up to 2 weeks if necessary provided that irrigation precedes dodder germination. If irrigation of the field treated with Pronamide 50 WSP must be delayed, a light mechanical incorporation (maximum 1 inch depth) should follow the Pronamide 50 WSP application and the field irrigated within two weeks.

When using flood type or overhead sprinkler irrigation systems, the amount of irrigation following the Pronamide 50 WSP application should not exceed one inch of water. Excess irrigation following the Pronamide 50 WSP application and prior to germination of dodder may decrease the effectiveness of Pronamide 50 WSP.

**Dosage and Timing**

Pronamide 50 WSP must be applied before dodder germinates for effective control. Follow directions given below depending on method of irrigation used:

**Furrow Irrigation** – Apply Pronamide 50 WSP at the rate of 3.0 to 4.0 pounds of product (1.5 to 2.0 pounds active ingredient) per acre. Incorporate lightly at time of application and irrigate within 7 days.

**Flood Irrigation** – Apply Pronamide 50 WSP at the rate of 3.0 pounds of product (1.5 pounds active ingredient) per acre. Flood field with 0.5 to 1.0 inch of water within 1 to 3 days after application.

**Overhead Sprinkler Irrigation** – Use the same directions as given above for flood irrigation.

Excessive amounts of irrigation water following application of Pronamide 50 WSP may adversely affect the herbicidal activity.

**CHEATGRASS CONTROL IN ESTABLISHED ALFALFA (SPRING APPLICATIONS)**

**Dosage and Timing**

Spring application of Pronamide 50 WSP will control cheatgrass if application is made when cheatgrass has recently germinated or is expected to germinate. Apply Pronamide 50 WSP as a broadcast application at the rate of 1.5 to 2.0 pounds of product (0.75 to 1.0 pound active ingredient) per acre.

**LETTUCE/ENDIVE/ESCAROLE/RADICCHIO GREENS**

**General Information**

Pronamide 50 WSP is a selective herbicide for the control of certain annual grasses and broadleaf weeds in direct-seeded or transplanted lettuce, endive, escarole and radicchio greens.

**Weeds Controlled**

Pronamide 50 WSP is effective at 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per treated acre for the preemergence control of the following weeds:

**Grasses**

- |                   |                 |
|-------------------|-----------------|
| Barley, foxtail   | Goosegrass      |
| Barley, volunteer | Lovegrass       |
| Barnyardgrass     | Oats, volunteer |

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Bluegrass, annual	Panicum, fall
Brome, downy (cheatgrass)	Ryegrass, Italian
Canarygrass	Rye, volunteer
Crabgrass	Wheat, volunteer
Foxtail, yellow	

**Broadleaf Weeds**

Carpetweed	Nettle, burning
Chickweed, common	Nightshade, black
Goosefoot, nettleleaf	Nightshade, hairy
Henbit	Purslane, common
Knotweed	Rocket, London
Lambsquarters, common	Shepherdspurse
Morningglory, annual	Smartweed, pale
Mustard, wild	Tomato, volunteer

**Dosage**

Pronamide 50 WSP is recommended at the rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per acre broadcast application. The dosage rate required is dependent on method of irrigation and soil texture. At rates recommended on this label, Pronamide 50 WSP is not recommended for weed control on highly organic (peat and muck) soils. For lettuce, endive, escarole and radicchio greens, follow the dosage recommendations listed in the chart below:

Pounds Pronamide 50 WSP per Acre Broadcast Application <sup>1</sup>			
Weeds	Dependable Rainfall or Overhead Irrigation	Less Dependable Rainfall or Furrow Irrigation	Soil Texture Group <sup>2</sup>
Susceptible annual grasses	2.0 - 3.0 (Surface application)	3.0 - 4.0 (Soil incorporation)	Coarse and medium textured soils
Broadleaf weeds	3.0 - 4.0 (Surface application)	4.0 (Soil incorporation)	Fine textured soils

<sup>1</sup>Reduce dosage rate accordingly for banded applications.

<sup>2</sup>Soil Texture Group - **Coarse:** sand, loamy sand, sandy loam; **Medium:** loam, silt loam, silt, sandy clay loam; **Fine:** silty clay loam, clay loam, sandy clay, silty clay, clay

**Crop Tolerance**

Most varieties of lettuce are highly tolerant of the recommended rates of Pronamide 50 WSP. Do not use more than 3 pounds Pronamide 50 WSP on Val Temp, Grande Verde and Prima Verde varieties of crisp lettuce, or on endive, escarole and radicchio greens.

**Timing and Application**

Pronamide 50 WSP can be applied preplant, post-plant or postemergence to lettuce, endive, escarole or radicchio greens in banded, bed-topped or broadcast applications. Most applications will be made preemergence to the crop just before or after planting and preemergence to the weeds. Applications can be made before or after thinning of head lettuce but should be made prior to weed emergence. Do not apply Pronamide 50 WSP as a postemergence application in leaf lettuce. Do not apply Pronamide 50 WSP as a postemergence application in leaf lettuce. Do not apply Pronamide 50 WSP to lettuce within 55 days of harvest and do not make more than one application to each crop of lettuce, endive, escarole or radicchio greens.

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a ground sprayer in 20 to 50 gallons of water per treated acre. Reduce dosage and volume accordingly for banded

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treatments. Use a standard low-pressure sprayer equipped with flat fan nozzles that provide uniform spray distribution.

**Application Moisture Requirements**

Pronamide 50 WSP acts mainly through root absorption, therefore it is necessary to move Pronamide 50 WSP into the root zone of germinating weeds to provide effective control. This can be accomplished by overhead sprinkler irrigation, by rainfall or by shallow mechanical incorporation.

**Sprinkler Irrigation**

Pronamide 50 WSP can be applied to the soil surface without-mechanical incorporation after planting or transplanting if overhead irrigation is used. An initial irrigation of 1 to 2 inches should promptly follow the application of Pronamide 50 WSP, especially in hot weather.

**Applications Dependent on Natural Rainfall**

In areas of dependable natural rainfall, Pronamide 50 WSP can be applied as a surface treatment preemergence to the weeds. Applications to direct-seeded or transplanted lettuce, endive, escarole or radicchio are most successful when followed by 1/2 to 1 inch of rainfall within two to three days after application.

**Furrow Irrigation – Mechanical Incorporation**

Where rainfall is not dependable or supplementary overhead irrigation is not used, shallow preplant incorporation is recommended. PTO-driven incorporators or rolling cultivators that thoroughly mix Pronamide 50 WSP into the top 2 inches of soil are suggested.

Incorporation should be simultaneous or immediately after application of Pronamide 50 WSP, especially in hot weather. Irrigation should be started as soon as possible.

Where furrow irrigation is used, spray application and mechanical incorporation should be made after beds have been formed. Pronamide 50 WSP will not be as effective if disced in prior to bed shaping.

Hoeing, thinning or shallow cultivation of soil treated with Pronamide 50 WSP will not destroy its herbicidal activity.

**Temperature**

Pronamide 50 WSP is not highly volatile, but it may degrade rather quickly if left exposed on the soil surface in warm weather. If applied when air temperatures exceed 85°F, shallow incorporate or water into the soil as soon as possible, preferably within 1 or 2 days.

**Rotation Crops**

Follow the directions given in the ROTATION CROP PLANTING INFORMATION section of this label.

**Lettuce/Endive/Escarole/Radicchio Greens – Specific Use Restrictions**

- Do not apply Pronamide 50 WSP at rates higher than 4.0 pounds of product (2.0 pounds active ingredient) per acre.
- Do not apply more than one application of Pronamide 50 WSP to each crop of lettuce, endive, escarole or radicchio greens.
- Do not apply Pronamide 50 WSP to lettuce, endive, escarole, radicchio varieties that will be harvested less than 55 days after treatment.
- Do not apply Pronamide 50 WSP postemergence to leaf lettuce.

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**RHUBARB**

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**(OREGON AND WASHINGTON ONLY)**

**General Information**

Pronamide 50 WSP is a selective herbicide recommended for fall and winter applications to established rhubarb for both preemergence and postemergence control of winter annual and perennial grasses and chickweed and preemergence control of certain broadleaf weeds.

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**Dosage**

Apply Pronamide 50 WSP at the rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per acre broadcast application. The rate will depend on the weed species present. Follow the weed control recommendations listed in the chart below:

Weeds Controlled	Pounds Pronamide 50 WSP per Acre <sup>1</sup> Dependable Rainfall or Overhead Irrigation <sup>2</sup>
Bluegrass, annual Brome, downy (cheatgrass) Chickweed Oat, wild Sorrel, red (from seed)	2.0
Bentgrass <sup>3</sup> Bluegrass, Kentucky Fescue, tall <sup>3</sup> Orchardgrass <sup>3</sup> Quackgrass Ryegrass, perennial Velvetgrass <sup>3</sup>	4.0

<sup>1</sup>Dosage rates recommended are in pounds of Pronamide 50 WSP per acre broadcast application. Reduce rates accordingly for banded applications.

<sup>2</sup>For effective weed control, rainfall or overhead irrigation is essential following the application of Pronamide 50 WSP.

<sup>3</sup>Pronamide 50 WSP at the rate of 4.0 pounds product per acre may only provide partial control of these weeds.

**Crop Tolerance**

Established rhubarb plants in a dormant growth condition are tolerant to recommended rates of Pronamide 50 WSP. Do not apply Pronamide 50 WSP to newly transplanted rhubarb or to rhubarb during the active growing stage.

**Timing and Application**

Apply Pronamide 50 WSP in a single application during the fall or winter months as a broadcast surface application to dormant rhubarb. Optimum herbicidal activity occurs when applications are made after soil temperatures drop to 55°F or less and are followed by rainfall or overhead irrigation. Applications must be made prior to soil freeze-up and snow cover.

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a low-pressure ground sprayer in 20 to 50 gallons of water per acre.

**Rhubarb – Specific Use Restrictions**

- Do not make more than one application of Pronamide 50 WSP per year to rhubarb and do not apply Pronamide 50 WSP at rates higher than 4.0 pounds product (2.0 pounds active ingredient) per acre.
- Do not apply Pronamide 50 WSP to rhubarb within 38 days of harvest.
- Use of Pronamide 50 WSP in rhubarb is restricted to Oregon and Washington only.

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**APPLE, APRICOT, CHERRY, NECTARINE, PEACH, PEAR, PLUM, PRUNE AND GRAPE PLANTINGS**

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**General Information**

Pronamide 50 WSP is a selective herbicide for use in directed spray applications for the control of winter annual and perennial grasses and certain broadleaf weeds in non-bearing and bearing apples, apricots, cherries, nectarines, peaches, pears, plums, prunes and grape plantings.

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**Weed Control**

Pronamide 50 WSP is effective at 2.0 to 8.0 pounds of product (1.0 to 4.0 pounds active ingredient) per treated acre for the preemergence and postemergence control of susceptible winter annual and perennial grasses and chickweed and for preemergence control only of other broadleaf weeds listed on this label. Refer to chart in dosage rate section below for specific weeds controlled.

**Dosage and Timing**

Pronamide 50 WSP is recommended in a single, directed application to labeled fruit trees and grape plantings at dosage rates of 2.0 to 8.0 pounds of product (1.0 to 4.0 pounds active ingredient) per treated acre. Application of Pronamide 50 WSP should be in the fall, after the fruit is harvested, but prior to soil freeze-up.

The dosage rate required for effective weed control will depend on the soil texture of the area being treated and on the weed species present. Follow the specific rate recommendations given in the chart below for the use of Pronamide 50 WSP in labeled fruit trees and grapes:

Weeds Controlled	Pounds Pronamide 50 WSP per Acre		
	Dependable Rainfall or Overhead Irrigation		
	Soil Texture Group*		
	Coarse	Medium	Fine
Bluegrass, annual Brome, downy (cheatgrass) Chickweed Grain, volunteer Oat, wild Ryegrass, Italian Sorrel, red (from seed)	2.0	3.0	4.0
Bluegrass, Kentucky Fescue, tall Orchardgrass Quackgrass Ryegrass, perennial	3.0 – 4.0	4.0 – 6.0	6.0 – 8.0

\*Soil Texture Group – **Coarse:** sand, loamy sand, sandy loam; **Medium:** loam, silt loam, silt, sandy clay loam; **Fine:** silty clay loam, clay loam, sandy clay, silty clay, clay.

**Application**

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly in 40 to 50 gallons of water per acre. Use of a low-pressure ground spray equipped with a breakaway boom and flat fan or off-center (OC) nozzles is recommended. Direct Pronamide 50 WSP to the soil and the base of trees and vines.

**Note:** Dosage recommendations listed on this label are for surface broadcast application. For banded treatments, the amount of Pronamide 50 WSP used per acre should be reduced according to the following formula:

$$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}} \times \text{Rate per Acre Broadcast} = \text{Amount Needed per Acre for Band Application}$$

Pronamide 50 WSP should not be soil incorporated.

**Crop Tolerance**

When used as recommended, established non-bearing or bearing fruit trees and grapes listed on this label are very tolerant to Pronamide 50 WSP. Do not apply Pronamide 50 WSP to seedling trees or vines less than 1 year old or to fall-transplanted stock transplanted less than 1 year or to spring-transplanted stock transplanted less than 6 months.

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### Cultural Considerations

Pronamide 50 WSP acts mainly through root absorption in sensitive weed species. Dependable rainfall or overhead irrigation is essential following the application for effective weed control. Trash-free areas create ideal conditions for rapid movement of Pronamide 50 WSP into the weed root zone following rain or irrigation. Clean cultivation before application is preferable but not necessary.

To obtain optimum weed control in areas not clean cultivated, the area to be treated should be free of surface litter (dead or decaying weeds, leaves, mowing clippings, etc.). If area to be treated is under a mixed grass or weed sod, it should be mowed and the clippings removed.

### Apple, Apricot, Cherry, Nectarine, Peach, Pear, Plum, Prune and Grape Plantings – Specific Use Restrictions

- Do not apply Pronamide 50 WSP to labeled fruit trees or grapes at rates higher than 8.0 pounds product (4.0 pounds active ingredient) per acre and make only one application per season.
- Do not feed or allow livestock to graze areas treated with Pronamide 50 WSP.

## WINTER PEAS

### WINTER ANNUAL WEED CONTROL IN WINTER PEAS (IDAHO, OREGON AND WASHINGTON ONLY)

#### General Information

Pronamide 50 WSP is a selective herbicide for the control of certain winter annual grasses and broadleaf weeds in winter peas (*Pisum sativum* var. *arvense*).

#### Weeds Controlled

Pronamide 50 WSP is effective at 1.5 to 3.0 pounds of product (0.75 to 1.5 pounds active ingredient) per treated acre for the control of the following weeds:

#### Grasses

Barley, volunteer  
 Brome, downy  
 Oat, volunteer  
 Oat, wild  
 Ryegrass, Italian  
 Wheat, volunteer

#### Broadleaf Weeds

Chickweed, common  
 Chickweed, mouse-ear  
 Henbit\*

\*Preemergence control only.

#### Dosage

Apply Pronamide 50 WSP in a single, broadcast application at the rate of 1.5 to 3.0 pounds product (0.75 to 1.5 pounds active ingredient) per treated acre. For grass weeds greater than three inches in height, use the higher rate.

#### Timing

Apply Pronamide 50 WSP from mid-fall to early winter (November to January) early postemergence to the peas. Peas should be in the second node stage of growth (two to three inches in size) at the time of application.

#### Application

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly with a ground sprayer in 20 to 50 gallons of water per treated acre. Use a conventional herbicide sprayer equipped with

flat fan nozzles that provide uniform spray distribution. Do not feed treated vines to livestock or allow animals to graze on treated areas.

#### Winter Peas – Specific Use Restrictions

- Do not apply Pronamide 50 WSP at rates higher than 3.0 pounds of product (1.5 pounds active ingredient) per acre.
- Do not feed treated vines to livestock or allow animals to graze on treated areas.
- Do not make more than one application of Pronamide 50 WSP per year.

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### WOODY ORNAMENTALS/NURSERY STOCK OF ORNAMENTALS/CHRISTMAS TREES

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#### General Information

Pronamide 50 WSP is a selective herbicide recommended for fall applications to established woody ornamentals, nursery stock of ornamentals and Christmas trees for the control of winter annual and perennial grasses and certain broadleaf weeds.

#### Crop Tolerance

At recommended rates of Pronamide 50 WSP, the following trees and shrubs are tolerant to topical applications made in the fall:

Arborvitae	Firethorn	Mountain ash
Ash	Flowering cherry	Mountain Laurel
Azalea	Flowering crabapple	Oak
Barberry	Flowering quince	Ohio buckeye
Basswood	Forsythia	Pine
Beech	Ginko	Poplar
Birch	Hawthorn	Privet
Boxwood	Hemlock	Rhododendron
Bradford pear	Holly	Spirea
Cedar	Honey locust	Spruce
Cotoneaster	Juniper	Sweetgum
Dogwood	Lilac	Sycamore
Douglas fir	Linden	Tuliptree
Eastern redbud	London plane	Viburnum
Elm	Magnolia	Walnut
Euonymus	Maple	Willow
Fir	Mock orange	Yew

Pronamide 50 WSP should be used on established trees and woody ornamentals. Pronamide 50 WSP is not recommended for use on seedling trees or shrubs less than one year old or to fall-transplanted stock transplanted less than one year or to spring-transplanted stock transplanted less than 6 months.

#### Weed Control

Pronamide 50 WSP is effective in fall applications at the rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per broadcast acre for the preemergence and postemergence control of susceptible winter annual and perennial grasses and chickweed and for preemergence control only of other broadleaf weeds listed on this label. Refer to chart in Dosage and Timing section below for specific weeds controlled.

#### Dosage and Timing

Pronamide 50 WSP is recommended in a single, fall application, either directed or topically applied, to woody ornamentals, nursery stock of ornamentals or Christmas trees at the rate of 2.0 to 4.0 pounds of product (1.0 to 2.0 pounds active ingredient) per broadcast acre. Application of Pronamide 50 WSP should be made in the fall prior to leaf drop and soil freeze-up. For control of winter annual or perennial

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grasses or chickweed, applications can be made either preemergence or postemergence to the weeds. For control of other labeled broadleaf weeds, preemergence applications must be used to achieve control.

The dosage rate required will depend on the weed species present in the area to be treated. Follow the weed control recommendations given in the chart below:

Weeds Controlled	Pounds Pronamide 50 WSP per Acre Broadcast Application
Barley, foxtail Bluegrass, annual Brome, downy (cheatgrass) Chickweed Grain, volunteer Ryegrass, Italian Sorrel, red (from seed)	2.0
Mustard, wild Rocket, London Shepherdspurse	3.0
Bluegrass, Kentucky Orchardgrass Quackgrass Ryegrass, perennial	4.0

**Application**

Mix the recommended amount of Pronamide 50 WSP in clean water and apply uniformly in 20 to 50 gallons per acre. Use a low-pressure ground sprayer equipped with flat fan nozzles spaced to provide uniform distribution. Dosage recommendations listed on this label are for surface broadcast application. For banded treatments down the row, the amount of Pronamide 50 WSP used per acre should be reduced according to the following formula:

$$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}} \times \text{Rate per Broadcast Acre} = \text{Amount Needed per Acre for Banded Application}$$

Pronamide 50 WSP should not be soil incorporated.

**Note:** Most ornamental turf grass species and ground covers are sensitive to Pronamide 50 WSP. Care should be exercised to avoid contact of Pronamide 50 WSP with these plants from either direct application or spray drift from applications to areas that may drain onto established ornamental turf and ground cover.

**Soil and Moisture Requirements**

Pronamide 50 WSP is most active in coarse to medium-textured soils of low organic matter and is relatively inactive in peat or muck soils or mineral soils high in organic matter content at rates recommended in this label. Herbicidal activity is best in soils containing less than 4 percent organic matter. Use in soils of higher organic matter content may result in inconsistent or incomplete weed control.

Pronamide 50 WSP acts mainly through root absorption in sensitive weed species. Dependable rainfall or overhead irrigation is essential following application for effective weed control.

**Woody Ornamentals, Nursery Stock of Ornamentals/Christmas Trees – Specific Use Restrictions**

- Do not harvest plants for food or feed for at least one year after treatment.
- Apply Pronamide 50 WSP in the fall prior to soil freeze-up.
- Do not make more than one application of Pronamide 50 WSP per year and do not apply Pronamide 50 WSP at rates higher than 4.0 pounds of product (2.0 pounds active ingredient) per acre.



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- Do not soil incorporate Pronamide 50 WSP.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry place but not below 32°F. Do not remove package from container except for immediate use.

**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:** Completely empty bag into application equipment. Then 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.

**ATTENTION:** *This product contains pronamide (propyzamide), a chemical known to the State of California to cause cancer.*

**TERMS AND CONDITIONS OF USE**

~~If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.~~

**WARRANTY DISCLAIMER**

~~AgValue Pronamide, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. AgValue Pronamide, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.~~

**INHERENT RISKS OF USE**

~~It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of AgValue Pronamide, LLC or the seller. All such risks shall be assumed by buyer.~~

**LIMITATION OF REMEDIES**

~~The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at AgValue Pronamide, LLC's election, one of the following:~~

- ~~(1) Refund of purchase price paid by buyer or user for product bought, or~~
- ~~(2) Replacement of amount of product used~~

~~AgValue Pronamide, LLC shall not be liable for losses or damages resulting from handling or use of this product unless AgValue Pronamide, LLC is promptly notified of such loss or damage in writing. In no case shall AgValue Pronamide, LLC be liable for consequential, incidental or special damages or losses.~~

~~The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of AgValue Pronamide, LLC or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner. Buyer accepts this product subject to the foregoing limitations of warranty and of liability.~~

**IMPORTANT INFORMATION**

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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 should be followed carefully. The Directions for Use of this product reflect the opinion of experts based on field use and tests. It is impossible to eliminate all risks inherently 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.

United Phosphorus, 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or United Phosphorus, Inc., and Buyer and User assume the risk of any such use. UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent allowed by 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. **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..

AgValue Pronamide, LLC of Visalia, California 93291

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# United Phosphorus, Inc.

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Rebecca A. Clemmer  
Regulatory Affairs Manager

August 2, 2005

Mr. Jim Tompkins (PM 25)  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protections Agency  
1801 Bell Street  
Arlington, VA 22202

Re: Pronamide 50WSP (EPA Reg. No. 70506-78)  
Notification to update company information

Dear Mr. Tompkins:

The label for this product was approved by your office on Jan. 5, 2005, under the AgValue EPA Reg. No. of 80825-2. The registration has since been transferred to United Phosphorus, Inc., and at this time we are providing an updated label with the following changes:

- update company contact information, EPA Registration Number;
- update hotline contact information;
- replace existing warranty statement with the one in use by UPI.

This Notification also provides an updated copy of the Confidential Statement of Formula. As above, the only changes in this document are to the company information and Registration Number.

Please contact me if you have any questions.

Very truly yours,

Rebecca A. Clemmer  
[rclemmer@upi-usa.com](mailto:rclemmer@upi-usa.com)

