



# PRONAMIDE 50 WSP

PROPYZAMIDE | HERBICIDE

## 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.

GROUP

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HERBICIDE

### SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR WILLOWOOD PRONAMIDE 50 WSP BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for Willowood Pronamide 50 WSP and this supplement.

## Willowood Pronamide 50 WSP

EPA Reg. No. 87290-3

**Chemigation Application on Head Lettuce, Endive, Escarole or Radicchio  
(For Use in Arizona and California)**

**Keep Out of Reach of Children**

**CAUTION**

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

This label must be in the possession of the user at the time of the herbicide application.

**Chemigation Application on Head Lettuce, Endive, Escarole or Radicchio (For Use in Arizona and California)**

Notwithstanding chemigation prohibition on the package label, this supplemental label permits chemigation on the crops listed. Apply Willowood Pronamide 50 WSP by chemigation for weed control in direct seeded or transplanted head lettuce, endive, escarole or radicchio. Application must be made prior to weed emergence. Application may be made preemergence to head lettuce, endive, escarole, or radicchio greens or postemergence to head lettuce. **Do not apply postemergence to endive, escarole, or radicchio greens.**

**Application Rate:** Apply Willowood Pronamide 50 WSP at the rate of 1 to 2 lbs. per acre (0.5 to 1 lb. active ingredient per acre) depending upon soil type, weed species and level of infestation.

**Application Moisture Requirements:** Willowood Pronamide 50 WSP acts mainly through root absorption; therefore, it is necessary to move Willowood Pronamide 50 WSP into the root zone of germinating weeds to provide effective control. This can be accomplished by applying a minimum of 0.75 inch of overhead sprinkler irrigation when applied by chemigation to fields that have been pre-irrigated.

**Time of Treatment:** Applying Willowood Pronamide 50 WSP following initial irrigation of the crop will avoid movement of the herbicide below the root zone of germinating weeds and improve weed control. The optimal application timing following pre-irrigation will vary depending on season, weed species present and environmental conditions. The following information is provided as a general guideline:

Timing	Date	Application Timing (Days After Starting Sprinklers)
Early	Sept. 1 to Oct. 15	1-3
Mid	Oct. 15 to Dec. 15	3-6
Late	Dec. 15 to Jan.	5-6

**Chemigation Equipment:** Willowood Pronamide 50 WSP may be applied through center pivot, lateral move, solid set or hand move systems capable of uniform delivery of the herbicide. Solid set or hand move systems should be capable of delivering a uniform pressure of 60 to 70 psi at all nozzles. Pipes and nozzles must be positioned to provide uniform coverage of the treatment area. Placement of nozzles in a diamond shaped (◆) pattern will provide more uniform coverage. Do not apply when wind velocity is sufficient to distort uniformity of coverage or cause drift to susceptible non-target plants.

The injection-metering pump must be calibrated as specified by the manufacturer and checked periodically during application to ensure proper operation. Pesticide injection hoses, which connect chemigation-metering equipment to the sprinkler irrigation system, must be of braided reinforced construction with an internal tube made of nylon, cross-linked polyethylene, or high-density polyethylene.

**Mixing:** Mixing tanks should be large enough to contain the entire amount of herbicide mixture for the area to be treated. Use a minimum of 3 gallons of water per pound of Willowood Pronamide 50 WSP. Add Willowood Pronamide 50 WSP water-soluble packets slowly and allow packets to disperse completely before beginning injection. Agitation of the herbicide mixture is required at all times during mixing and application (injection).

**Application:** For hand move or solid set systems set up to deliver about 1/10 inch of water per hour, Willowood Pronamide 50 WSP should be injected over a period of 1 to 2 hours. Once the herbicide has been injected, continue irrigation for an additional 4 to 6 hours to flush the system and deliver additional irrigation sufficient to incorporate the herbicide into the upper inch of soil.

In pre-irrigated fields, center pivot or lateral move systems should be set up to deliver a minimum of 0.75 inch of irrigation water with the chemigation treatment. In center pivot or lateral move systems, the herbicide mixture should be injected continuously throughout the irrigation cycle.

#### **Use Restrictions for Head Lettuce, Endive, Escarole or Radicchio**

- In Fresno County, use only in the months of August through September
- **Preharvest Interval:** Do not apply within 55 days of harvest.
- Do not apply more than one application of Willowood Pronamide 50 WSP to each crop of head lettuce, endive, escarole, or radicchio greens.
- Do not apply Willowood Pronamide 50 WSP postemergence to endive, escarole, or radicchio greens.
- Do not apply more than 2 lbs. of Willowood Pronamide 50 WSP (1 lb. active ingredient) per acre.
- Do not apply to leaf lettuce.

#### **Chemigation Instructions**

Do not apply this product through any irrigation system unless the instructions for chemigation are followed. Apply this product only through continuously moving center pivot, lateral move end tow, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

### **Sprinkler Chemigation**

1. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.
2. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back-flow.
3. The pesticide injection pipeline must contain a functional automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking control to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point that pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Do not apply when wind speed favors drift beyond the area intended for treatment.

Read the “**CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**” in the label booklet for Willowood Pronamide 50 WSP before using.

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