



Section 24(c) Special Local Need Label

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF CALIFORNIA
For Control Of Weeds in Citrus Through Microsprinkler Application in Fresno and Tulare
Counties**

PRINCEP[®] 4L

EPA Reg. No. 100-526

EPA SLN No. CA-050004

Active Ingredient:

Simazine: 2-chloro-4,6-bis(ethylamino)-s-triazine..... 41.9%

Inert Ingredients:..... 58.1%

Total:..... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

**This label expires and shall not be distributed or used in accordance with this SLN
registration after November 17, 2016**

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL
MAY RESULT IN POOR WEED CONTROL, ILLEGAL RESIDUES AND/OR CROP INJURY.**

- It is a violation of federal law to use this product in a manner inconsistent its labeling.
- This state-specific Section 24(c) labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, and precautions on the EPA-registered Princep 4L, EPA Reg No. 100-526 label.

Conditions and Risks of Use for This Special Local Need Label

These Conditions and Risks of Use for Special Local Need are required by Syngenta Crop Protection, Inc. and not specified by the US EPA or the State of California.

USE OF PRINCEP 4L (THE “PRODUCT”) ON CITRUS (THE “CROP”) FOR THIS SPECIAL LOCAL NEED MAY RESULT IN CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS AS FURTHER DISCUSSED BELOW. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SPECIAL LOCAL NEED BEFORE USING THE PRODUCT ON THE CROP.

To the extent consistent with applicable law, Syngenta Crop Protection, Inc. makes the Product available for use in the manner described in this Supplemental Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of Crop injury, Crop yield reduction or Crop loss. The decision to use this Product in the manner described in this Supplemental Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors. Syngenta recommends that the user test this Product to determine its suitability for such intended use.

By purchasing the Product for use, or using the Product in the manner described in this Supplemental Labeling, you acknowledge and accept that to the extent consistent with applicable law:

- 1) you assume all risk of Crop injury, Crop yield reduction and Crop loss;
- 2) Syngenta Crop Protection, Inc. do not make, and do not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Supplemental labeling;
- 3) Syngenta Crop Protection, Inc. do not make, and do not authorize any agent or representative to make, any warranties, express or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty of merchantability;
- 4) Syngenta Crop Protection, Inc. disclaim all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to Crop injury, Crop yield reduction and/or Crop loss;
- 5) These conditions and Risks of Use for Special Local Need supersede any contrary representations or recommendations by Syngenta Crop Protection, Inc. or their

respective agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

If these Conditions and Risks of Use for Special Local Need are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.

Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered Princep 4L label.

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

General Information

Princep 4L herbicide applied as directed will control a variety of weeds in citrus as indicated on the EPA-registered label. **This 24C registration allows application of this product to citrus through microsprinklers and supersedes the Sec. 3 label prohibiting application through any type of irrigation system.**

Citrus

Apply 2-4 qts./A in a single application, or apply 2 qts./A in the fall and 2 qts./A in the spring. The recommended rates are based on a broadcast application. Do not apply more than 4 qt. Princep 4L per acre (4 lb a.i./acre) per calendar year. Do not apply more than twice per calendar year. For microsprinkler application (see directions below), reduce the broadcast rate of Princep 4L in proportion to the area actually treated.

Application Through Micro-sprinkler Irrigation Systems

Princep 4L may be applied only through micro-sprinkler 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 non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect any irrigation system used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the irrigation 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.

Irrigation System Operating Instructions

1. 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 backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. 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.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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 where pesticide distribution is adversely affected.
6. Systems must use a metering device, 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.
7. Do not apply when wind speed favors drift beyond the area intended.

Micro-Sprinkler Application Instructions

Princep 4L must be applied on the schedule specified in the specific crop use recommendations on the product label and not according to the irrigation schedule.

Princep 4L has not been sufficiently tested when applied through micro-sprinkler irrigation systems to assure consistent product performance for all labeled uses. The following calibration and application techniques are provided for user reference, **but do not constitute a warranty of fitness for application through sprinkler or drip irrigation equipment.** Users must check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through micro-sprinkler irrigation equipment.

General Instructions

1. Each run of the irrigation system must be calibrated separately to determine the time it takes water to move through the system and to make sure all emitters in the system are putting out the same amount of water.
2. Only pressure injection or venturi equipment is recommended.
3. Determine the area to be treated in each irrigation run.

4. Measure the output of each of the emitters closest to and farthest from the injector site.
5. For calibration, substitute a concentrated detergent (such as Wisk) or a soluble fertilizer for the Princep 4L in the injector tank. The detergent will bubble as it leaves the emitters. The time period over which bubbles occur should be checked for both the closest and farthest emitters. If these times are not within 2 minutes of each other, adjust the dilution ratio and/or the injection rate.
6. If a soluble fertilizer is used, measure the time intervals with a salt bridge

Step-by-Step Instructions

1. Before starting to calibrate, operate the system until all the emitters are putting out at equal flow rates or until the system is operating at full pressure.
2. Make up an indicator solution of detergent or fertilizer, using the same ratio to be used when mixing Princep 4L.
3. Set the injector to apply the indicator solution at the injection rate to be used in the actual Princep 4L application.
4. Attach a 5-inch length of flexible tubing over the emitter closest to the injection point, another length over the emitter farthest away. Both emitters should be monitored to determine the time intervals that the indicator solutions are observed.
5. Begin injecting the indicator solution. Direct the flow from the tubes at the emitters into a small container. Begin timing when the indicator solution is first detected, stop timing when the indicator solutions are no longer detected.
6. If the period of detection of the indicator solution between the 2 emitters are within 2 minutes of each other, comparable coverage will be obtained. If they are not, make adjustments by increasing the dilution ratio, using more water per part of Princep 4L, or adjust the injector to a slower flow rate.
7. Once the system is calibrated, dilute the needed amount of Princep 4L with water in the mix tank using a minimum of 15 parts water to 1 part Princep 4L in the solution tank.
8. Do not begin to inject Princep 4L into the system until all emitters are producing equal flow rates, or until the system is at full pressure.
9. Inject the Princep 4L into the system at the beginning of the irrigation set in ½-1 inch of irrigation water. Do not apply in excess of 1 inch of water.

Notes: To avoid crop injury, 1) apply only to orchards or groves where trees have been established 12 months or more. 2) Do not use on gravelly, sand, or loamy sand soil.

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