



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MAY 19 2008

Mr. Dan Campbell  
Syngenta Crop Protection Inc.  
PO Box 18300  
Greensboro, NC 27419-8300

Subject: Princep 4L  
EPA Registration Number 100-526  
Application dated May 8, 2008  
Supplemental Labeling for Sod and Turf Uses

Dear Mr. Campbell:

The supplemental labeling referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided you make the following changes before you release the product for shipment:

- 1) Add the following restrictions to the Precautions section of TURFGRASS FOR SOD (FL ONLY) section:
  - a. Do not exceed 4 qts Princep 4L per acre (4 lbs ai/A) per application
  - b. Do not apply more than 2 applications per year
  - c. Do not exceed 6 qts Princep 4L per acre (6 lbs ai/A) per calendar year.
- 2) Add "**per application**" after "(2 qts/A of Princep 4L)" in the restriction "Do not apply more than 2 lbs a.i/A (2 qts/A of Princep 4L) and not more than 2 applications per year" in the section TURFGRASSES FOR SOD (IN STATES EXCEPT FL). Also add the following restriction directly following: "Do not exceed 3 qts/A Princep 4L (3 lbs ai/A) per calendar year."
- 3) Add the following restrictions to the Precautions section of TURFGRASS FOR FAIRWAYS, LAWNS, AND SIMILAR AREAS:
  - a. 9) Do not exceed 2 lbs a.i/A (2 qts /A of Princep 4L) per application
  - b. 10) Do not exceed 3 qts/A Princep 4L (3 lbs ai/A) per calendar year.
  - c. 11) Maximum of 2 applications per year

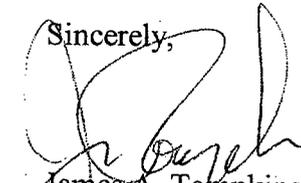
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At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling. A stamped copy of the label is enclosed for your records. Submit one copy of your final printed label before you release the product for shipment.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,



James A. Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

SUPPLEMENTAL LABEL



Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, North Carolina 27419-8300  
[www.syngenta-us.com](http://www.syngenta-us.com)

GROUP 5 HERBICIDE

Princep® 4L

Herbicide

For weed control in certain crops

Active Ingredient:

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

Other Ingredients: ..... 58.1%

Total: ..... 100.0%

Princep 4L contains 4 lbs. active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

EPA Reg. No. 100-526

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

Before using Princep 4L as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SCP 526A-S2 0508

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 19 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

100-526

**DIRECTIONS FOR USE**

**TURFGRASSES FOR SOD (FL ONLY)**

**St. Augustinegrass, Bermudagrass, Centipedegrass, and Zoysiagrass**

Apply 2-4 qts./A of Princep 4L, according to soil texture as indicated below. This product must be watered in immediately after application if applied at a rate greater than 2 lbs. a.i./A (2 qts./A of Princep 4L).

Muck or peat	4 qts.	Old beds	within 2 days after lifting of sod
		New beds	3-4 days after sprigging or plugging
Sandy soil	2 qts.	Old beds	within 2 days after lifting of sod
		New beds	7-10 days after sprigging or plugging

If weeds regrow, apply an additional 2 qts./A of Princep 4L on muck or peat, or 1 qt./A of Princep 4L on sandy soil.

*Precautions: To avoid crop injury, (1) Do not apply within 30 days prior to cutting or lifting. (2) Do not apply in combination with surfactants or other spray additives. (3) Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases. (4) On newly sprigged turfgrass, temporary slowing of growth may follow application.*

Note: Do not graze or feed turf clippings to animals or illegal residues may result.

**TURFGRASSES FOR SOD (IN STATES EXCEPT FL)**

**St. Augustinegrass, Bermudagrass, Centipedegrass, and Zoysiagrass**

Apply 1-2 qts./A of Princep 4L.

Do not apply to established beds within 2 days after lifting of sod. Do not apply to new beds before 7-10 days after sprigging or plugging.

Do not apply more than 2 lbs. a.i./A (2 qts. of Princep 4L) and not more than two applications per calendar year.

*Precautions: On newly sprigged turfgrass, hybrid bermudagrass, nondormant bermudagrass, or nondormant zoysiagrass, temporary slowing of growth and yellowing may occur following application. To avoid turf injury, (1) Use only on turfgrass*

reasonably free of infestations of insects, nematodes, and diseases. (2) Do not use north of NC (except in the VA Coastal Plains) or on soils with a pH above 7.8. (3) Do not use on muck or alkaline soils. (4) Do not apply over the rooting area of trees or ornamentals not listed on this label. (5) Do not seed or overseed with desirable turfgrass within 4 months before or 6 months after treatment. (6) Do not apply this product to newly seeded grasses until they have overwintered and have a well-developed rhizome system. (7) Do not exceed 2 qts./A of Princep 4L within 12 months of seeding grasses.

Note: Do not graze or feed turf clippings to animals or illegal residues may result.

## **TURFGRASS FOR FAIRWAYS, LAWNS, AND SIMILAR AREAS**

### **Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysiagrass**

Apply Princep 4L after September 1 (after October 1 for annual bluegrass) before emergence of winter annual weeds. Fall applications of Princep 4L will control annual bluegrass, burclover, lawn burweed, common and mouseear chickweed, corn speedwell, henbit, hop clover, spurweed, and parsley-piert. Princep 4L will also control these weeds soon after emergence. For control of summer annual weeds listed in the **General Information** section of this label, apply Princep in late winter before the weeds emerge. Apply in a minimum of 15 gals. of water per acre.

Irrigate with  $\frac{1}{2}$  inch of water if rainfall does not occur within 10 days after preemergence treatment.

Where annual bluegrass is the major weed, use 1 qt. of Princep 4L per acre (22 ml. or 0.75 fl. oz. per 1,000 sq. ft.). Use 1-2 qts./A of Princep 4L (22-44 ml. or 0.75-1.5 fl. oz. per 1,000 sq. ft.) for control of other weeds. However, do not exceed 1 qt./A of Princep 4L per treatment on newly sprigged turfgrass or on hybrid bermudagrass.

For control of summer annuals which emerge after the initial application, apply an additional 1 qt./A of Princep 4L at least 30 days after the initial application, but not after June 1. However, do not make more than 2 applications per calendar year.

*Precautions:* On newly sprigged turfgrass, hybrid bermudagrass, nondormant bermudagrass, or nondormant zoysiagrass, temporary slowing of growth and yellowing may occur following application. To avoid turf injury, (1) Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases. (2) Do not use on golf greens. (3) Do not use north of NC (except in the VA Coastal Plains) or on soils with a pH above 7.8. (4) Do not use on muck or alkaline soils. (5) Do not apply over the rooting area of trees or ornamentals not listed on this label. (6) Do not seed or overseed with desirable turfgrass within 4 months before or 6 months after treatment. (7) Do not apply this product to newly seeded grasses until they have overwintered and have a well-developed rhizome system. (8) Do not exceed 2 qts./A of Princep 4L within 12 months of seeding grasses.

