

Permanent Label
(Booklet)

Prin 80W ✓

Herbicide

For weed control in certain crops, ornamental plantings, ✓
on industrial sites, and
around-the-farm

ACCEPTED
1988
100-437

Active Ingredient:-

Simazine: 2-chloro-4,6-bis(ethylamino)-s-triazine	80%
Inert Ingredients:	20%
Total:	100% ✓

EPA Reg. No. 100-437 ✓
EPA Est. No. 100-LA-1 ✓

Princep 80W is a
wettable powder ✓

Keep Out of Reach of Children. ✓

Caution

See additional precautionary statements
at end of booklet. ✓

See directions for use inside booklet. ✓

CIBA-GEIGY

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CGA 6L46
(DRAFT - LABELS-P.2 - PRN80W/F1) ✓

Princep 80W Plus Bromacil 80W for Grapefruit and Oranges
(Florida Only)

Use in grapefruit and oranges in FL for control of balsemapple, black nightshade, carpetweed, crabgrass, cudweed, dayweed, Florida pusley, horseweed, pepperweed, pigweed, poorjoe, ragweed, rattlebox, spanishneedles and sandbur, and for partial control of bermudagrass, bahiagrass, pangolagrass, paragrass, and torpedograss. Apply 4-8 lbs. of Princep 80W plus 3-4 lbs. of bromacil 80W per acre beneath trees in a minimum of 40 gals. of water per acre before or soon after weed growth begins. Use the lower rates for light weed infestations or all applications in bedded citrus areas. Use the higher rates for heavy weed infestations only in ridge grown citrus areas. Temporary yellowing of citrus leaves may occur following treatment.

Precautions: To avoid crop injury, 1) Do not use in nurseries, or where trees are under stress from freeze damage for one year after the freeze. 2) Do not use on soil with less than 1% organic matter or on poorly drained soil. 3) Do not treat trees planted in irrigation furrows. 4) Do not treat diseased trees such as those with foot rot. 5) Do not use in groves interplanted with other trees or desirable plants, nor in home grapefruit or orange plantings, or in areas where roots of other valuable plants or trees may extend. 6) Treated areas may be planted to citrus trees one year after application. 7) Do not rotate to other crops within two years after application.

Note: Apply only once per year and avoid contact with foliage and fruit with spray or mist, or illegal residues may result.

Princep 80W Plus Gramoxone® Super

This tank mix is effective in the following fruit and nut crops for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds claimed for Princep 80W applied alone. This combination is also effective for top kill and suppression of perennial weeds.

Use this tank mix on these crops:

- | | |
|--|----------------------|
| almonds (CA only) | olives |
| apples | oranges ² |
| avocados (CA & FL ¹ only) | peaches ³ |
| cherries (sour and sweet ⁴) | pears |
| filberts | pecans |
| grapefruit (CA, FL ² & TX only) | plums ⁴ |
| grapes | walnuts |
| lemons (AZ & CA only) | |
| macadamia nuts | |

Apply the Princep 80W rate given under the appropriate crop on this label plus 1.5-2.5 qts. Gramoxone Super* in 50-200 gals. (30-50 gals. for pecans) of water per acre to the orchard floor avoiding contact with fruit, foliage, or stems. Add a nonionic surfactant, such as X-77, at 0.5 pt. per 100 gals. of spray. Apply when weeds are succulent and new growth is 1-6 inches tall. For mature woody weeds or difficult to control perennial weeds, re-treat or spot treat with Gramoxone Super if regrowth occurs.

Add Princep 80W to the spray tank first (refer to Mixing Instructions section of this label), then add Gramoxone Super, and add the surfactant last. Provide constant agitation during mixing and application to keep the mixture in suspension.

Precautions: To avoid crop injury, 1) Apply the tank mix only once per year. 2) Use a shield for young trees or vines.

Refer to the Princep 80W and Gramoxone Super labels for further directions, specific weeds controlled, and precautions and limitations on each crop.

¹In avocados in Florida, this tank mix also controls balsam-apple vine, rattail amaranth, and at the higher rate of each herbicide, it suppresses coral vine.

²In grapefruit and oranges in Florida, apply 4 lbs. Princep 80W per acre in bedded areas and 8-12 lbs. Princep 80W per acre in ridge areas.

³Limited to CA, AR, LA, MO, OK, TX, and states east of the Miss. River. As appropriate, refer to Princep 80W rec-tions "Almonds and Peaches (CA only)" or "Peaches, Plums, Sweet Cherries" for rate of Princep 80W and other information.

⁴Limited to MO and states east of the Miss. River except TN.

*Based on a product containing 1.5 lbs. Gramoxone Super cation per gal.

Refer to the AAtrex label for complete directions. Also refer to the AAtrex label and the Corn section of this label for precautions and limitations.

Eradicane®: Use in a preplant incorporated tank mixture for control of all weeds claimed on both the Princep and Eradicane labels including partial control (suppression) of shattercane (wild cane). Fluid fertilizer may replace all or part of the water in the spray. Check the physical compatibility of mixture with fertilizer before use. Refer to the General Information section of this label for a compatibility test procedure. Use a minimum of 20 gals. of spray volume per acre. Refer to the Eradicane label for incorporation directions. Use the higher rate of Princep on fine-textured soil and where heavy broadleaf infestations are expected. Use the higher rate of Eradicane for heavy nutsedge and bermudagrass infestations. For partial control (suppression) of shattercane, broadcast and incorporate immediately before planting 1.25-2.5 lbs. of Princep 80W plus 7.33 pts. of Eradicane 6.7E (or 8 pts. Eradicane Extra) per acre. For control of the other weeds claimed on both labels, broadcast and incorporate 1.25-3.75 lbs. of Princep 80W plus 4.75-7.33 pts. of Eradicane 6.7E (or 5.33-8 pts. of Eradicane Extra) per acre. Observe all precautions and limitations on the Princep 80W and Eradicane labels.

Gramoxone Super: Use in a tank mixture where corn will be planted directly in a cover crop, established sod, or previous crop residues. This combination controls existing vegetation and provides residual control of the annual broadleaf and grass weeds listed under General Information.

Add Princep 80W to the spray tank, mix thoroughly with water, and then add Gramoxone Super and a nonionic surfactant. Provide constant agitation during mixing and application to keep the mixture in suspension.

Apply 2.5-3.75 lbs. of Princep 80W plus 1.5-2.5 pts. of Gramoxone Super* in 20-60 gals. of water per acre as a broadcast spray either before or after planting but before corn emerges. Add a nonionic surfactant at the rate of 0.5 pt. per 100 gals. of spray volume.

For further information, see general information, caution and warning statements, precautions, and notes on the Princep 80W and the Gramoxone Super labels.

*Based on a product containing 1.5 lbs. Gramoxone Super cation per gal.

Turfgrass for Fairways, Lawns, Sod Production* and Similar Areas

*In states other than Florida. For use on turfgrass for sod in Florida, see "Turfgrasses for Sod (Florida only)" section above.

Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysia Grass

Apply Princep 80W after September 1 (after October 1 for annual bluegrass) before emergence of winter annual weeds. Princep will control annual bluegrass, burclover, lawn burweed, common and mouseear chickweed, corn speedwell, henbit, hop clover, spurweed, and parsley-piert. Princep 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 1/2 inch of water if rainfall does not occur within 10 days after preemergence treatment.

Where annual bluegrass is the major weed, use 1.25 lbs. of Princep 80W per acre (0.5 oz. per 1,000 sq. ft.). Use 1.25-2.5 lbs. per acre (0.5-1 oz. per 1,000 sq. ft.) for control of other weeds. However, do not exceed 1.25 lbs. per acre per treatment on newly sprigged turfgrass or on hybrid bermudagrass such as Tiflawn, Tifway, and Ormond.

For control of summer annuals which emerge after the initial application, apply an additional 1.25 lbs. per acre at least 30 days after the initial application, but not after June 1. However, do not make more than two applications per 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 may be used in the Virginia Coastal Plains) or west of Highway 261 in Texas and Oklahoma. (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 2.5 lbs. per acre within 12 months of seeding grasses.

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

2/3/87

Added ornamental species to Dual 8E Tank Mix, revised FL citrus directions to indicate use on Bedded and Ridge Areas. Reduced noncropland rate to 18# a.i./A.

4/1/87

Revise ground water advisory per settlement agreement.

2/1/88

Revise turfgrass directions, add "Super" to Gramoxone®. ✓