



Supplemental Labeling

EPA REG. NO. 241-74

For Use as a Foliar Spray on All Greenhouse-Grown Poinsettias to Control Plant Height

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 through any type of irrigation system. This label must be in the possession of the user at the time of plant growth regulator application.

Observe all Precautionary Statements, Limitations, and Application instructions on the CYCOCEL® plant growth regulator package label. Do not reenter sprayed areas without appropriate protective clothing until foliage is dry.

CYCOCEL can be used to reduce plant height of poinsettias of all colors. Cultivars will vary in their response to CYCOCEL and to different rates of CYCOCEL. Response to CYCOCEL might vary because of geographic location in the United States and greenhouse environmental conditions. Growers should obtain specific recommendations from the cultivar propagator for rates of CYCOCEL to use on each cultivar, and then test the recommended rates of CYCOCEL on small numbers of the cultivars under the grower's greenhouse conditions to determine the best rates and timings to use.

CYCOCEL can be applied as foliar sprays beginning when lateral branches (top to bottom) are 0.5 to 3.0 inches long. Repeat applications might be needed if plants are growing under conditions that favor rapid stem elongation. For natural-season production, foliar applications of CYCOCEL should be completed by October 15. Later applications might reduce bract size. If the crop is being produced for other than the natural season, the last application should be applied no later than 6 weeks prior to flower maturity.

CYCOCEL should be used at rates of 1000 to 3000 ppm in the spray solution, dependent on cultivar and growing conditions. The high concentration should be used only for applications made early in the growing season. Apply as a foliar spray at a volume that will provide complete coverage of all the foliage. The addition of a wetting agent to the spray solution might improve height control, but test the agent to insure that it is not phytotoxic to poinsettias. Avoid spray run-off from the foliage.

Plants should be completely turgid (excellent water balance) at time of foliar spraying. To ensure that condition, plants should be fully watered early in the evening before the day of application. CYCOCEL then should be applied early the next morning when ambient temperatures are lowest. Leaf chlorosis might occur if CYCOCEL is applied to dry plants and/or when greenhouse temperatures are above 75°F.

Low light intensities, greenhouse temperatures above 80°F, lack of good air circulation, crowding of poinsettia plants on the benches, and use of ammonium or urea nitrogen fertilizers can reduce control of plant height by CYCOCEL.

PREPARATION OF SPRAY SOLUTIONS

PPM Desired	FL OZ CYCOCEL Per Gallon	ML CYCOCEL Per Gallon	ML CYCOCEL Per Liter
1000	1.1	31.4	8.3
1500	1.6	47.1	12.5
2000	2.2	62.8	16.7
3000	3.2	94.2	25.0

ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-74

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