

**DOW ELANCO AND COMPANY  
P.O. BOX 708  
GREENFIELD, INDIANA 46140**

**SUPPLEMENTAL LABELING**

**CUTLESS(R) 50W E.P.A. Reg. No. 1471-171**

**CUTLESS 50W FOR USE ON BENTGRASS PUTTING GREENS**

**General Information**

Cutless 50W plant growth regulator reduces leaf blade and stem internode elongation in turfgrasses which results in a more compact growth form. Growth regulation results from suppression of gibberellin biosynthesis. Under normal growing conditions root growth and lateral expansion of turf are not affected. Because annual turfgrass species such as Poa annua are more strongly regulated by Cutless, careful use of Cutless on putting greens can shift the competitive balance between bentgrass and Poa annua to favor bentgrass. By differentially regulating Poa annua, putting greens with a high percentage of Poa annua can be converted to more desirable bentgrass.

**Application Timing and Rates**

**Spring Application:** Apply Cutless to bentgrass greens as part of an overall greens management program. Spring applications should be made after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Apply Cutless 50W at a rate of 1/4 to 1/2 pound per acre (0.1 to 0.2 oz. of Cutless 50W per 1000 sq. ft.). Repeat applications may be made at 3 to 6 week intervals. Do not exceed a total of 2 pounds per acre per growing season.

**Fall Application:** Fall applications may be made at 3 to 6 week intervals and in conjunction with normal aeration and topdressing practices. Overseeding must be delayed at least two weeks following a Cutless application. Apply Cutless 50W at a rate of 1/4 to 1/2 pound per acre (0.1 to 0.2 oz. of Cutless 50W per 1000 sq. ft.). The final Cutless application should be made at least 8 weeks before the anticipated onset of winter dormancy.

PRECAUTION: CUTLESS TREATMENT MAY CAUSE DISCOLORATION OF POA ANNUA. APPLICATION RATES SHOULD BE ADJUSTED BY THE USER DEPENDING ON THE PERCENTAGE OF POA IN THE TURF. WITH HEAVY POA INFESTATIONS, DISCOLORATION MAY BE MINIMIZED BY USE OF LOWER APPLICATION RATES AND MORE FREQUENT APPLICATION. THIS STRATEGY WILL MAINTAIN A MORE UNIFORM LEVEL OF GROWTH SUPPRESSION AND RESULT IN LESS CHANCE OF POA DISCOLORATION. FOR GREENS WITH A VERY HIGH PERCENTAGE OF POA, WITHHOLD TREATMENT DURING PERIODS OF HIGH POA ANNUA STRESS

**Carefully read the Cutless 50W label for additional use directions, precautions and limitations before use.**

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rsb (11/14/89)

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

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

62719-155