

### Pre-Emergence Crabgrass Control in Established Turf

Early application of Azak before crabgrass germination is essential for successful control. Apply Azak to established turf early in the spring before crabgrass seeds germinate. Turf margins along walks, drive ways, and other similar areas are ideal for crabgrass germination and should be thoroughly treated.

Application should be made from March 15 to May 15 depending on local climatic conditions. For best results, apply Azak to turf only in early spring, before the onset of summer heat. Turf of other types may be treated with Azak, but the results may vary.

**For azeuge treatments:** Use 50-gallon drum-type tanks or 55-gallon drum-type tanks with small openings with the tank. Azak is being applied to the turf at a rate of 100-150 lbs per acre. These sprayers should be

#### For 55-Gallon Drum-Type Tank with Small Opening

Add 15 to 25 gallons of water to the tank. Start the pump to provide agitation and pour the slurry into the spray tank using a funnel. Repeat remaining slurry into the tank and add water to bring the total volume to 50 gallons.

#### For Larger Spray Tanks:

Add to the tank about half of the water and start the pump to provide agitation. Slowly pour the proper amount of Azak directly into the spray tank. Then add water to make the desired volume of spray mixture.

Use only on **established** lawn or other ornamental turf.

Azak is recommended only for use on lawn or other ornamental turf. DO NOT apply to other crops or areas.

DO NOT use more Azak to treat a given area than is recommended. Overdosage may cause discoloration or thinning of desirable grasses.

Azak should not be used in the spring on areas that are to be seeded before the next fall. DO NOT seed and apply Azak simultaneously, or apply Azak before new seedlings are well established.

Thinning or discoloration may occur during prolonged dry spells if Azak is used on pure stands of bent or fescue.

calibrated to assure the application of the correct volume of spray to the area being treated.

**For small area treatment:** A knapsack sprayer may be used.

#### For Knapsack-Type Sprayers

Fill the tank with about 1/2 the quantity of water to be used. Add the exact amount of Azak (wettable powder) to treat the area and stir to thoroughly mix. Fill the tank with the remaining quantity of water and rest.

#### Cleaning Sprayers:

Flush all parts of sprayer with several changes of fresh water promptly after completing treatment. Nozzle tips, screens, and other removable parts should be dismantled and cleaned separately.

Bare areas which may occur in the turf due to crabgrass removal usually will fill in with adjacent turfgrasses under proper fertilization and turf management. If seeding of these areas should become necessary, DO NOT seed before fall. Apply Azak to prevent in the spring.

DO NOT store in contact with fertilizers, seeds, insecticides, or fungicides.

Avoid getting in eyes. In case of contact, flush eyes with plenty of water.

Disturbance by burning. DO NOT use for any other purpose.

**KEEP OUT OF REACH OF CHILDREN**

**NONWARRANTY** Because this product will be used under many different conditions over which the manufacturer has no control, we do not guarantee the suitability of this product in any particular situation. This product is sold without warranty, express or implied, and buyer assumes all responsibility for loss or damage arising from the handling and use of this product.

USDA REGISTRATION NUMBER 891-81

#### ACTIVE INGREDIENT:

2,6-di-tert-butyl-p-tolyl-methylcarbamate 80.0%

#### INERT INGREDIENTS:

TOTAL 100.0%

U. S. PATENT NO. 3,140,167

PRINTED IN U. S. A.

MADE BY  
AGRICULTURAL CHEMICALS • SYNTHETICS DEPARTMENT

# HERCULES

INCORPORATED

WILMINGTON, DELAWARE, U.S.A.

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LABEL-BACK

**FOR CRABGRASS  
CONTROL IN  
ESTABLISHED  
TURF**



ACCEPTED  
FOR SALE  
BY THE  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250  
DATE: 8/2/71  
BY: [Signature]  
NO ATTACHED COMMENTS

**SELECTIVE PRE-EMERGENCE HERBICIDE**

\*Asak is Hercules Incorporated's registered trademark for the selective pre-emergence herbicide chemical 2,6-di-tert-butyl-p-tolyl-methylcarbamate and formulations thereof.

**80% WETTABLE POWDER**

READ ENTIRE LABEL FOR ADDITIONAL HANDLING PRECAUTIONS

NET WEIGHT  
12.5 POUNDS

MADE BY  
AGRICULTURAL CHEMICALS  
SYNTHETICS DEPARTMENT  
**HERCULES**  
INCORPORATED  
WILMINGTON, DELAWARE  
U.S.A.



SEP 1 1977

UNDER THE FEDERAL INSECTICIDE ACT,  
REGISTERED AND CONTROLLED UNDER  
FEDERAL CONTROL DISSEMINATION  
PERMIT NO. *S.S.L. 87* SUBJECT  
TO ATTACHED COMMENTS

## SELECTIVE PRE-EMERGENCE HERBICIDE

\*Azak is Hercules Incorporated's registered trademark for the selective pre-emergence herbicide chemical 2,6-di-tert-butyl-p-tolyl-methylcarbamate and formulations thereof.

### 80% WETTABLE POWDER



**HERCULES**

**SELECTIVE PRE-EMERGENCE HERBICIDE**

**FOR CRABGRASS CONTROL IN ESTABLISHED TURF**

**80% WETTABLE POWDER**

**READ ENTIRE LABEL FOR ADDITIONAL HANDLING PRECAUTIONS.**



# HERCULES

**SELECTIVE PRE-EMERGENCE  
FOR CRABGRASS**

**80% WETTABLE POWDER**

**READ ENTIRE LABEL FOR ADDITIONAL HANDLING PRECAUTIONS**

Azax will control crabgrass when it is applied according to directions. It is nearly specific for crabgrass and has little or no effect on broad-leaved weeds. Crabgrass is an annual grass that starts from seed produced the previous year and germinates in the soil as soon as the weather is sufficiently warm. Azax, as a pre-emergence herbicide, both prevents germination of crabgrass seed and kills small seedlings after they have absorbed the chemical through their roots. Azax will not control mature or well-established crabgrass.

Azax is recommended only for established lawn or other ornamental turf. It should not be applied to other crops or areas.

#### Pre-Emergence Crabgrass Control in Established Turf

Early application of Azax, before crabgrass germination is essential for successful control. Apply Azax to established turf early in the spring before crabgrass seeds germinate. Turf margins, along walks, driveways, and other similar areas are ideal for crabgrass germination and should be thoroughly treated.

Application should be made March 1 to May 15, depending on geographic location and weather conditions. Apply Azax uniformly as a spray over the entire area of established turf at rates indicated in the label. Use 10 pounds of active ingredient per acre.

**For acreage treatments**—spray tanks of the 55-gallon drum type with spray openings of 1/4 inches, with tank sizes ranging from 100-400 gallons may be used. These sprayers should be

Other grasses in established turf, such as quackgrass, annual bluegrass, or yellow foxtail, are not controlled with Azax.

At the recommended rate of 10 pounds of active material per acre, grasses normally used in lawns, such as red fescue, bent-rhizome, Kentucky bluegrass, Merion bluegrass, St. Augustine, centipede, zoysia hybrid, and common Bermudagrass, and Dichondra, are tolerant of Azax. Rates in excess of the recommended dosage may cause discoloration or thinning, particularly of fescue. Discoloration of bent and bluegrasses from slight over-dosage usually disappears.

For small area treatments, use a backpack sprayer or a hand-held sprayer. Apply at the rate of 10 pounds of active material per acre. Spray to the area being treated.

**For small area treatment**—a knapsack sprayer may be used

TYPICAL LABEL