

COTTON - POSTEMERGENT DIRECTED SPRAY APPLICATIONS

General Information

USE INFORMATION

MSMA 6.6 herbicide is useful for selective post-emergent weed control, particularly for grassy weeds in Cotton, Golf courses and Sod farms, and High Rights-of-Way. Its activity is enhanced by addition of a suitable surfactant, cleared for application to growing crops, to the spray solution. Best results are obtained on young actively growing weeds at air temperature above 70°F.

RESISTANCE MANAGEMENT

This product is a Group 17 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 17 herbicides. Weed species with acquired resistance to Group 17 may eventually dominate the weed population if Group 17 herbicides are used repeatedly in the same field or in successive years as primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 17 herbicides.

To delay herbicide resistance, consider:

- Avoiding the consecutive use of this product or other target site of action Group 17 herbicides that have a similar target site of action on the same weed species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive IPM program.
- Monitoring treated weed populations for loss of field efficacy.

- Contacting your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

APPLICATION RESTRICTIONS

- Do not apply this product in Florida except on Cotton in the counties listed in the Cotton use section of the label.
- Aerial application is prohibited, except when applying to Cotton.

Limitations, Restrictions, and Exceptions

COTTON

This product is useful for the control of weeds listed under “USE INFORMATION” section and many similar weeds. Applications can be made: 1) Post-emergent, over the top, when Cotton is 3 to 6 inches high or up to early first square stage, whichever occurs first using ground or aircraft equipment. 2) Post-emergent as a directed spray with ground equipment when Cotton is 3 inches high to first bloom.

Slight burning and a reddish discoloration of the Cotton leaf may occasionally occur following application, but the Cotton plant will develop normally.

USE RESTRICTIONS

- Do not apply in Florida except on Cotton grown in the following counties: Calhoun, Columbia, Escambia, Gadsden, Hamilton, Holmes, Jackson, Jefferson, Okaloosa, Santa Rosa, Suwannee, Walton, and Washington.

Note: Applications to Cotton in Florida should be confined to band treatments.

- Only one application at 2 pounds a.i. (2.4 pts. of this product) per acre is allowed per season, except when a salvage operation is needed.
- If a salvage operation is needed (i.e., if Pigweed escapes the first application), then a second or repeat application at 2 pounds a.i. (2.4 pts. of this product) per acre is allowed.
- A second or repeat application, if needed, should be timed 1 to 3 weeks after the first application. Apply only as a salvage operation. Apply only to healthy rapidly

growing Cotton 3 inches high, but no later than 6 inches high or early square, whichever occurs first. Preference should be given to directed spray. In order to minimize injury, the second application should be made as a directed spray when possible.

- Do not make more than two applications per season.
- Do not apply more than a total of 4 pounds a.i. per acre per season.
- Do not apply pre-plant to Cotton.
- Do not apply within 50 feet of permanent water bodies or aquatic habitat, including, but not limited to lakes, reservoirs, rivers, streams, marshes, ponds, and estuaries.
- Do not allow spray or spray drift to contact adjacent crops or injury will result.
- Apply only on still days when weather conditions do not favor drift from areas being treated. Aircraft applications of this product should only be made by applicators experienced in use of herbicides, and application should be made in accordance with State and Federal regulations.
- Post-emergent Directed Spray Applications: Mix this product at the rate of 2.4 pints in 40 gallons of water per acre for application as directed broadcast spray when weeds are small. For band applications, mix 2.4 pints in 40 gallons of water per acre, then apply 1 gallon of the diluted spray for each 1-inch band width to be treated of Cotton grown on 40-inch row spacing. Direct the spray solution to the base of the Cotton plant. Nozzles should be placed so as to avoid spraying the Cotton foliage, but to give good coverage of the weeds.

If regrowth occurs, make a second application about 1 to 3 weeks after the first. Make directed applications only when Cotton is 3 inches high to first bloom. Do not apply after first bloom. Do not feed foliage to livestock or graze treated areas.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band application](#)

[Directed](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band application](#)

[Directed](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[Postemergence \(Crop\)](#)

[Postemergence \(Weed\)](#)