

# **GROWTH SUPPRESSION AND SEEDHEAD INHIBITION (CHEMICAL MOWING)**

## General Information

### IMPORTANT PRECAUTIONS

DO NOT USE ON FOOD OR FEED CROPS EXCEPT AS RECOMMENDED BY THE LABEL. Injury to or loss of desirable trees or other plants may result if the precautions listed below are not followed.

- Do not apply AmTide MSM 60 DF Herbicide (except as recommended), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend or in locations where the product may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas except as recommended by the label.
- Prevent drift of spray to desirable plants.
- Do not contaminate any body of water, including irrigation water.
- Keep from contact with fertilizers, insecticides, fungicides and seeds.

Spraying and mixing equipment used with AmTide MSM 60 DF Herbicide must not be used for subsequent applications to food or feed crops with the exception of pastures, rangeland, and wheat, as low rates of AmTide MSM 60 DF HERBICIDE can kill or severely injure most food or feed crops.

AmTide MSM 60 DF should be used only in accordance with recommendations on the label. AmTide, LLC will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by AmTide, LLC. User assumes all risks associated with such non-recommended use.

### TANK MIXES

AmTide MSM 60 DF HERBICIDE may be tank mixed with other Herbicides registered for the use sites described in the label. Use only those tank mix partners which are

labeled for the appropriate use site. When tank mixing, use the most restrictive label limitations for each of the products being used in the tank mix.

## IMPORTANT INFORMATION

### PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Assure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid overfilling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.
- Do not apply this product through any type of irrigation system.

### GENERAL INFORMATION

AmTide MSM 60 DF HERBICIDE is recommended for use on land primarily dedicated to the production of wheat, barley, fallow, pasture and rangeland.

AmTide MSM 60 DF HERBICIDE is recommended for use on wheat, barley, fallow, pasture, and rangeland in most states. Check your state extension or Dept. of Agriculture before use to be certain AmTide MSM 60 DF HERBICIDE is registered in your state. AmTide MSM 60 DF HERBICIDE is not registered for use in Alamosa, Conejos, Costilla, Rio Grande and Saquache counties of Colorado.

AmTide MSM 60 DF HERBICIDE is a dry-flowable granule that controls weeds in wheat (including durum), barley, fallow, pasture, and rangeland grasses. AmTide

MSM 60 DF HERBICIDE is mixed in water or can be pre-slurried in water and added to liquid nitrogen carrier solutions and applied as a uniform spray mix unless otherwise specified on the label. AmTide MSM 60 DF HERBICIDE is non-corrosive, nonflammable, nonvolatile, and does not freeze.

AmTide MSM 60 DF HERBICIDE controls weeds by postemergence activity. For best results, apply AmTide MSM 60 DF HERBICIDE to young, actively growing weeds. The use rates depend upon the weed spectrum and size of weeds at application. The degree and duration of control may depend on the following factors:

- Weed spectrum and infestation intensity
- Weed size at application
- Environmental condition at and following treatment

#### ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

AmTide MSM 60 DF is absorbed through the foliage of broadleaf weeds, rapidly inhibiting their growth. Leaves of susceptible plants appear chlorotic from 1 to 3 weeks after application and the growing point subsequently dies.

Application of AmTide MSM 60 DF provides the best control in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not be as satisfactory. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

AmTide MSM 60 DF may injure crops that are stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, or cultural practices. In addition, different varieties of the crop may be sensitive to treatment with AmTide MSM 60 DF under otherwise normal conditions. Treatment of such varieties may injure crops.

In warm, moist conditions, the expression of Herbicide symptoms is accelerated in weeds; in cold, dry conditions, expression of Herbicide symptoms is delayed. In addition, weeds hardened-off by drought stress are less susceptible to AmTide MSM 60 DF.

Weed control may be reduced if rainfall or snowfall occurs soon after application.

Limitations, Restrictions, and Exceptions

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(Chemical Mowing)

### Tank Mix Combination

AmTide MSM 60 DF HERBICIDE may be tank mixed with Embark for improved performance in the regulation of growth and seedhead suppression. Tank mix 1/4 to 1/2 ounce of AmTide MSM 60 DF HERBICIDE with 1/8 to 1/4 pint of Embark.

### Application Timing

Application may be made after at least 2 to 3 inches of new growth has emerged until the appearance of the seed stalk.

### Fescue Precautions

AmTide MSM 60 DF HERBICIDE may temporarily stunt tall fescue, cause it to turn yellow, or cause seedhead suppression. To minimize these symptoms, take the following precautions:

- Do not use more than 4/10 ounce per acre of AmTide MSM 60 DF HERBICIDE.
- Tank mix AmTide MSM 60 DF HERBICIDE with 2,4-D.
- Use the lowest recommended rate for target weeds.
- Use a non-ionic surfactant at ½ to 1 pint per 100 gallons of spray solution.
- Make application later in the spring after the new growth is 5 to 6 inches tall, or in the fall.
- Do not use a surfactant when liquid nitrogen is used as a carrier.
- Do not use a spray adjuvant other than non-ionic surfactant.
- The yields from the first cutting may be reduced due to seedhead suppression resulting from treatment with AmTide MSM 60 DF HERBICIDE.

### IMPORTANT INFORMATION--INDUSTRIAL TURF ONLY

- An application of AmTide MSM 60 DF HERBICIDE may cause temporary

discoloration (chlorosis) of the grasses. Use the lower recommended rates for minimum discoloration.

- With fescue and bluegrass, sequential applications made during the same or consecutive growth period (i.e., spring and fall) may result in excessive injury to turf.
- Excessive injury may result when AmTide MSM 60 DF HERBICIDE is applied to turf that is under stress from drought, insects, disease, cold temperatures (winter injury) or poor fertility.
- AmTide MSM 60 DF HERBICIDE is not recommended for use on bahiagrass.

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

#### Rates

[field\\_rates 0](#)

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#### Restricted Entry Interval

4 hours

#### Timings

[After at least 2 to 3 inches of new growth has emerged until the appearance of the seed stalk.](#)