

PASTURE AND RANGELAND - WEEDS CONTROL

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 preslurried 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

Pasture and Rangeland

Apply 1/10 to 1 oz. AmTide MSM 60 DF HERBICIDE per acre as a broadcast treatment to pasture and rangeland. For spot applications, use 1 oz. per 100 gal. of water.

Fescue Precautions:

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

- Tank mix AmTide MSM 60 DF HERBICIDE with 2, 4-D.
- Use the lowest recommended rate for target weeds.
- Use surfactant at ½ to 1 pt. Per 100 gal. of spray solution (1/16 to 1/8% v/v).
- 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 more than 1/10 oz./A AmTide MSM 60 DF Herbicide.

The first cutting yields may be reduced due to seedhead suppression resulting from treatment with AmTide MSM 60 DF HERBICIDE.

Timothy Precautions

Timothy should be at least 6" tall at application and be actively growing. Applications of AmTide MSM 60 DF HERBICIDE to timothy under any other conditions may cause crop yellowing and/or stunting. To minimize these symptoms, take the following precautions:

- Tank mix AmTide MSM 60 DF HERBICIDE with 2, 4-D.
- Use the lowest recommended rate for target weeds.
- Use surfactant at 1/2 pt. Per 100 gal. (1/16% v/v).

- Make applications in the later summer or fall.
- Do not use surfactant when liquid nitrogen is used as a carrier.
- Do not use more than 1/10 oz./A AmTide MSM 60 DF herbicide.

Application of AmTide MSM 60 DF Herbicide to Pensacola bahiagrass, ryegrass (Italian or perennial) and Garrison's creeping foxtail may cause severe injury to and or loss of pastures.

Other Pasture and Rangeland Grasses: Varieties and species of forage grasses differ in their tolerance to herbicides. When using AmTide MSM 60 DF Herbicide on a particular grass for the first time, limit use to a small area. If no injury occurs throughout the season, larger acreage may be treated the following season. Broadleaf pasture species such as alfalfa and clover are highly sensitive to AmTide MSM 60 DF Herbicide and will be severely stunted or injured by AmTide MSM 60 DF Herbicide.

- Blue Mustard, Flixweed, and Tansymustard: For best results, apply AmTide MSM 60 DF Herbicide tank mixtures with 2,4-D or MCPA in the spring after the majority of thistles have emerged and are small (rosette stage to 6" elongating stems) and actively growing. The application will inhibit the ability of emerged thistles to compete with the crop.

For Spot applications to Canada Thistle in pasture and rangeland, apply as a foliar spray once plant is fully leafed. Apply to runoff and include a surfactant in the spray mix at 1 to 2 qt per 100 gal of spray solution. Complete coverage of all foliage and stems is required for control. On tall, dense stands, it is often necessary to spray from both sides to obtain adequate coverage.

- Kochia, Russian thistle, Prickly lettuce: Naturally occurring resistant biotypes of these weeds are known to occur. For best results, use AmTide MSM 60 DF Herbicide in a tank mix with Dicamba and 2,4-D, or bromoxynil and 2,4-D (such as 3/4 -1 pt Buctril + 1/4 - 3/8 lb active 2,4-D ester). AmTide MSM 60 DF Herbicide should be applied in the spring when kochia, Russian thistle, and prickly lettuce are less than 2" tall or 2" across and are actively growing (refer to the Tank Mixtures section of the label for additional details).

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

4 hours

Timings

[Postemergence \(Weed\)](#)