

## **PASTURE AND RANGELAND - ADDITIONAL WEEDS CONTROL - 2/10 TO 3/10 OZ PER ACRE**

### 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

## 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 1/2 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.

- Buckbrush: Weed suppression is a reduction in weed competition (reduced population and/or vigor) as visually compared to an untreated area. The degree of suppression varies with the rate used, the size of the weeds, and the environmental conditions following treatment.

- Pensacola bahiagrass control in established Bermudagrass pasture:

Apply AmTide MSM 60 DF Herbicide at 3/10 oz per acre plus surfactant. Apply after green-up in the spring but before bahiagrass seedhead formation. Application should be made when moisture is sufficient to enhance grass growth. AmTide MSM 60 DF Herbicide is very effective for removal of bahiagrass from bermudagrass pastures. In highly infested pastures, the use of AmTide MSM 60 DF Herbicide can clear the areas of useful forage until the bermudagrass has time to cover the area. Therefore, AmTide MSM 60 DF Herbicide treatments should be spread out over a period of years. Do not apply to an entire farm or ranch in one year. Fertilization (particularly with nitrogen and potassium) and/or replanting may accelerate the process of reestablishment of bermudagrass.

- Musk Thistle: Apply AmTide MSM 60 DF Herbicide at 2/10 to 3/10 oz per acre in the spring or early summer prior to flowering or in the fall after newly emerged plants have reached the rosette stage of growth. Fall applications should be made before

the soil freezes.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

4 hours

Timings

[Treat when weeds are less than 4 inches tall or in diameter and are actively growing.](#)