

# **FARMSTEAD TURF (NONCROPLAND) AND SOD FARMS - ANNUAL WEEDS (ESTABLISHED WEED GROWTH)**

## General Information

### PRODUCT INFORMATION

Clarifier herbicide is a water-soluble formulation intended for control and suppression of many annual, biennial, and perennial broadleaf weeds, as well as woody brush and vines. General Weed List, Including ALS- and Triazine-Resistant Biotypes. Clarifier may be used for control of these weeds in asparagus, corn, cotton, conservation reserve programs, fallow cropland, grass grown for seed, hay, proso millet, pasture, rangeland, general farmstead (noncropland), small grains, sod farms and farmstead turf, sorghum, soybean, and sugarcane.

### Mode of Action

Clarifier is readily absorbed by plants through shoot and root uptake, translocates throughout the plant's system, and accumulates in areas of active growth. Clarifier interferes with the plant's growth hormones (auxins) resulting in death of many broadleaf weeds.

### Resistance Management

Clarifier has a low probability of selecting for resistant weed biotypes.

### Cleaning Spray Equipment

Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner, according to the manufacturer's directions, and then triple rinsing the equipment before and after applying this product.

### APPLICATION INSTRUCTIONS

Clarifier can be applied to actively growing weeds as aerial, broadcast, band, or spot spray applications using water or sprayable fertilizer as a carrier.

To avoid uneven spray coverage, Clarifier should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid off-target movement. Use extreme care when applying Clarifier to prevent injury to desirable plants and shrubs.

### Cultivation

DO NOT cultivate within 7 days after applying Clarifier.

### Sensitive Crop Precautions

Clarifier may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems, or foliage. These plants are most sensitive to Clarifier during their development or growing stage.

### Aerial Application Methods and Equipment

Water Volume: Use 1 - 10 gallons of water per acre (2 - 20 gallons of diluted spray per treated acre for preharvest uses). Use the higher spray volume when treating dense or tall vegetation.

Application Equipment: Select nozzles designed to produce minimal amounts of fine spray particles. Make aerial applications at the lowest safe height to reduce exposing the spray to evaporation and wind.

The applicator must follow the most restrictive use cautions to avoid drift hazards, including those found in the labeling, as well as state and local regulations and ordinances.

DO NOT use aerial equipment if spray particles can be carried by the wind into areas where sensitive crops or plants are growing or when temperature inversions exist.

Refer to the label for Banding application information to determine the amount of herbicide and water volume needed per acre.

## Ground Application (Broadcast)

Water Volume: Use 3 - 50 gallons of spray solution per broadcast acre for optimal performance. Use the higher spray volume when treating dense or tall vegetation.

Application Equipment: Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

## Ground Application (Wipers)

Clarifier may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush, and vines. Use a solution containing 1 part Clarifier to 1 part water. DO NOT apply greater than 1 lb dicamba acid equivalent (1 quart Clarifier herbicide) per acre per application. DO NOT contact desirable vegetation with herbicide solution. Wiper application may be made to crops (including pastures) and noncropland areas described in the label with the exception of cotton, sorghum, and soybean.

## Restrictions and Limitations

Maximum seasonal use rate: DO NOT exceed 64 fluid ounces of Clarifier (2 pounds acid equivalent) per acre, per year.

## Limitations, Restrictions, and Exceptions

### FARMSTEAD TURF (NONCROPLAND) AND SOD FARMS

DO NOT use on residential sites.

For use in general farmstead (noncropland) and sod farms, apply the specified rate of Clarifier herbicide to control or suppress growth of many annual, biennial, and some perennial broadleaf weeds commonly found in turf. Clarifier will also suppress many other listed perennial broadleaf weeds and woody brush and vine species. Some weed species will require tank mixes for adequate control.

Repeat treatments may be made as needed; however, DO NOT exceed 32 fluid ounces of Clarifier per acre, per growing season.

Apply 30 - 200 gallons of diluted spray per treated acre (3 - 17 quarts of water per

1,000 square feet), depending on density or height of weeds treated and on the type of equipment used.

To avoid injury to newly seeded grasses, delay application of Clarifier until after the second mowing. Furthermore, applying more than 16 fluid ounces of Clarifier per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustinegrass.

In areas where roots of sensitive plants extend, DO NOT apply more than 4 fluid ounces of Clarifier per treated acre on coarse-textured (sandy-type) soils, or in excess of 8 fluid ounces per treated acre on fine-textured soils. DO NOT make repeat applications in these areas for 30 days and until previous applications of Clarifier have been activated in the soil by rain or irrigation.

Annual: Rates below 8 fluid ounces per acre may provide control or suppression but should typically be applied with other herbicides that are effective on the same species and biotype.

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

#### Rates

[field rates 0](#)

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#### Restricted Entry Interval

24 hours

#### Timings

[Postemergence \(Weed\)](#)