

SOD FARMS - ESTABLISHED PERENNIAL GRASS STANDS - BIENNIAL WEEDS

General Information

USE INSTRUCTIONS

Hi-Dep Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. This product must be applied in compliance with the pesticide regulations of the state in which application is made. Check with local authorities regarding regulations which may affect the application of this product.

AERIAL APPLICATION: Use spray volumes equal to or greater than 2 gallon per acre. This minimum spray volume is a requirement of the 2,4-D Reregistration Eligibility Decision (RED). Spray volume at this minimum provide more effective weed control and better economy.

AIRCRAFT SPECIFICATIONS (FIXED WING OR ROTARY WING): Number of nozzles required to obtain desired volume per acre is dependent on swath width and speed of aircraft. Nozzles should be positioned between 135° and 175° from direction of flight for fixed wing. **DO NOT APPLY THROUGH BECO-MIST NOZZLE SYSTEMS.** See manufacturer's technical bulletin regarding nozzles and application specifications.

GROUND APPLICATION: Apply in water, 2 to 10 gallons total solution per acre with conventional equipment. Low spray volumes (2 to 5 gallons per acre) may provide more effective weed control and better economy.

PRECAUTION FOR PAINTS AND COATINGS OF AUTOMOBILES AND OTHER VEHICLES: Undiluted spray droplets may damage the paint, coating, or finish of vehicles. Vehicles should not be sprayed. If accidental exposure does occur, then the vehicle should be washed before the spray droplets dry.

Susceptible Plants. Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other

vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements. Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for ground boom application. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Additional requirements for aerial applications. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

Limitations, Restrictions, and Exceptions

SOD FARMS

POSTEMERGENT APPLICATIONS: Hi-Dep may be applied to newly seeded and established grasses grown for sod. These cool season and warm season turfgrass species may be treated: Cool Season Turf: Kentucky bluegrass, Perennial ryegrass, Tall fescue, Red or fine leaf fescues, Mixtures of cool season species such as Kentucky bluegrass, tall fescue, and perennial ryegrass. Warm Season Turf: Common bermudagrass, Hybrid bermudagrass, Bahiagrass, Zoysiagrass, Buffalograss.

Prohibitions and advisories: Do not apply this product to bentgrass, carpetgrass, centipedegrass, dichondra, St. Augustinegrass and turfgrass where desirable clovers are present. Treatments of Hi-Dep may injure or kill legumes including alfalfa, clovers, lespedezas, sweet clover, trefoils and vetches. Treatments of this product may be injurious and may reduce the seedling growth of buffalograss.

ESTABLISHED PERENNIAL GRASS STANDS ON SOD FARMS: (Application to stands planted one or more seasons) Established grass stands are defined as perennial grasses that have been planted one or more seasons before the application of this product. Best results can be obtained with applications to broadleaf weeds that are actively growing Biennial and perennial weeds may require follow-up or sequential treatments.

Spray Volumes: Use a minimum spray volume of 2.0 gallons per acre for ground and aerial applications.

Maximum Rate per Application: 2.0 lb 2,4-D ae/A

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 8.0 pints (4.0 lb 2,4-D ae) per acre per season, excluding spot treatments. Do not cut forage for hay within 7 days of application.

Minimum Interval Between Applications: 21 Days

Minimum Spray Volume: 2 gal/A

CULTURAL PRACTICES OF SOD FARMS:

These cultural practices may affect the level of weed control: Irrigation: Delay irrigation until 6 to 8 hours after treatment. Mowing: Delay mowing until 1 to 2 days after treatment. Plant-back interval: Generally, a 30 day period after treatment is adequate for reseeding.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

7 days

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

Timings

Postemergence (Crop)

Spring or fall during seedling to rosette stage.