

SOYBEANS (PREPLANT ONLY) - TWO OR SEQUENTIAL APPLICATIONS - PLANTING INTERVAL BEFORE PLANTING SOYBEANS - 30 DAYS

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

SOYBEANS (PREPLANT ONLY)

PRODUCT INFORMATION: Hi-Dep is a mixed amine salt of 2,4-D that provides postemergence control of many susceptible annual and perennial broadleaf weeds. Hi-Dep may be applied prior to planting soybeans to provide foliar burndown control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. Hi-Dep should only be applied preplant to soybeans in situations such as reduced tillage production systems, where emerged weeds are present.

APPLICATION PROCEDURES: Apply using air or ground equipment in sufficient gallonage to obtain adequate coverage of weeds. Use 2 or more gallons of water per acre in aerial equipment and in ground equipment.

In general, weeds should be small, actively growing and free of stress caused by

extremes in climatic conditions, diseases, or insect damage at the time of treatment. The response of individual weed species to Hi-Dep is variable. Consult your local county or State Agricultural Extension Service or crop consultant for advice.

APPLICATION RESTRICTIONS AND PRECAUTIONS FOR SOYBEANS (PREPLANT):

IMPORTANT NOTICE: Unacceptable injury to soybeans planted in fields previously treated with Hi-Dep may occur. Whether or not soybean injury occurs and the extent of the injury will depend on weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors such as the amount of weed vegetation and previous crop residue present. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present. In fields previously treated with 2,4-D, plant soybean seed as deep as practical or at least 1.5 to 2.0 inches deep. Adjust the press wheel of the planter, if necessary, to ensure that planted seed is completely covered.

Minimum Spray Volume: 2 gal/A

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

Timings

[Preplant](#)