RANGELAND, ESTABLISHED GRASS PASTURES - BIENNIAL AND PERENNIAL BROADLEAF WEEDS

General Information

GENERAL INFORMATION

Performance of this product may be affected by local conditions, crop varieties, and application method. User should consult local Extension Service, Agricultural Experiment or University Weed Specialists, and state regulatory agencies for recommendations in his area.

Best results are obtained when product is applied to young succulent weeds that are actively growing. The lower recommended rates will be satisfactory on susceptible annual weeds. For perennial weeds and conditions such as the very dry areas of the western states where control is difficult, the higher recommended rates should be used.

When product is used for weed control in crops, the growth stage of the crop must be considered.

Some plants and weeds, especially woody varieties, are difficult to control and may require repeat applications if permitted by the label.

Application rates should be 1 to 5 gallons of total spray by air or 5 to 25 gallons by ground equipment unless otherwise directed. In either case, use the same amount of 2,4-D recommended per acre. For crop uses, do not mix with oil, surfactants, or other adjuvants unless specifically recommended. To do so may reduce herbicide’s selectivity and could result in crop damage.

Many states have regulations concerning aerial application of 2,4-D formulations. Consult local regulatory authorities before making applications. This product contains dimethylamine salt of 2,4-D, one of the least volatile forms of 2,4-D.

Product should not be allowed to come into contact with desirable, susceptible plants such as beans, cotton, fruit trees, grapes, legumes, ornamentals, peas, tomatoes, and other vegetables. Product should not be used in greenhouses. Excessive amounts of this product in the soil may temporarily inhibit seed
germination and all plant growth.

Users should note that herbicide treatment of public water requires a permit from appropriate state agencies in most states. Your State Conservation Department or Game and Fish Commission will aid you in securing a permit in your state.

Spray equipment used to apply 2,4-D should not be used for any other purpose until thoroughly cleaned by a suitable chemical cleaner.

Spray Preparation: Add the recommended amount of product to approximately 1/2 the volume of water to be used for spraying. Agitate well, then add the remainder of the water. Continue agitation during application until spray tank is empty.

Use in Liquid Nitrogen Fertilizer: Product may be combined with liquid nitrogen fertilizer suitable for foliar application on corn, grass, pastures, or small grains in one operation. Use product according to directions on the label for those crops. Use liquid nitrogen fertilizer at rates recommended by supplier or Extension Service Specialist. Mix the product and fertilizer according to the following instructions:

Fill the spray tank approximately 1/2 full with the liquid nitrogen fertilizer. In a separate clean container, mix the amount of product to be used with an equal amount of water. Add the product mixture to the spray tank while agitating. Add the remainder of the fertilizer while continuing to agitate. Apply immediately, maintaining agitation during application until tank is empty. DO NOT APPLY DURING COLD (NEAR FREEZING) WEATHER. Spray mixture must be used immediately and may not be stored.

Note: Pre-mixing the product with an equal amount of water is important.

Spot Treatments

To prevent misapplication, spot treatments should be applied with a calibrated boom or with hand sprayers using a fixed spray volume per 1,000 sq. ft. as indicated in the label.

Hand-Held Sprayers: Hand-held sprayers may be used for spot applications of 2,4-D AMINE 4. Care should be taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based on the application rate for an area of 1,000 sq. ft. Mix the amount of 2,4-D AMINE 4 (fl. oz. or ml) corresponding to the desired broadcast rate in 1 to 3 gallons of spray. To
calculate the amount of 2,4-D AMINE 4 required for larger areas, multiply the table value (fl. oz. or ml) by the thousands of sq. ft. to be treated. An area of 1,000 sq. ft. is approximately 10.5 x 10.5 yards (strides) in size.

Refer in the label regarding tank mix information.

Limitations, Restrictions, and Exceptions

RANGELAND, ESTABLISHED GRASS PASTURES

(INCLUDING PERENNIAL GRASSLANDS NOT IN AGRICULTURAL PRODUCTION SUCH AS CONSERVATION RESERVE PROGRAM ACRES)

SPECIFIC USE DIRECTIONS

For best results, apply when weeds are small and growing actively before the bud stage. Apply when musk thistles or other biennial species are in the seedling to rosette stage and before flower stalks appear. Refer to the “Weeds Controlled” section for a listing of susceptible weed species and weeds that may be only partially controlled and require repeat applications and/or use of higher recommended rates, even under ideal conditions of application.

Precautions:

- Do not use on bentgrass, alfalfa, clover, or other legumes.
- Do not use on newly seeded areas until grass is well established.
- Do not use from early boot to milk stage where grass seed production is desired.

RANGELAND & PASTURE RESTRICTIONS:

- Postemergence:

- For susceptible annual and biennial broadleaf weeds: Use 1.0 lbs. a.e./acre per application.
- For moderately susceptible biennial and perennial broadleaf weeds: Use 1.0 to 2.0 lbs. a.e./acre per application.
- For difficult-to-control weeds and woody plants: Use 2.0 lbs. a.e./acre per application.

- Spot treatment: Use 2.0 lbs. a.e./acre.

- Livestock Feeding Restrictions:

  - Do not graze dairy animals on treated areas within 7 days after application.
  
  - Do not graze meat animals on treated areas within 3 days before slaughter.
  
  - Do not cut treated grass for hay within 7 days after application.

  - For government program grasslands, follow program grazing restrictions if more restrictive than those given above.

  - For program lands, such as Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or the label must be followed.

  - Do not apply more than 4 pints per acre per application.

  - Do not make more than 2 applications per year.

  - Minimum spray interval between applications is 30 days.

  - If grass is to be cut for hay, Agricultural Use requirements for the Worker Protection Standard are applicable.

2,4-D AMINE 4 contains 0.5 pounds a.e. of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 4.0 pounds of a.e. per acre per year.

- CRP Acres For program lands such as CRP, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or the label must be followed.

Method

Broadcast/Foliar Air
Broadcast/Foliar Ground
Rates

**field_rates 0**

- Restricted Entry Interval

48 hours

Timings

*When weeds are small and growing actively before the bud stage.*