

JUN 7 - 1968
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DPD-ESTER

Active Ingredient: 1.1. Dodecyl Ester of 2-(2,4-Dichlorophenoxy) propionic acid 64.5%
 1.1. Dodecyl Ester of 2-(2,4-Dichlorophenoxy) acetic acid 32.5%
 Inert Ingredients: 3.0%
 100.0%

*Equivalent to 66.7% of 2-(2,4-Dichlorophenoxy) propionic acid and 33.3% of 2-(2,4-Dichlorophenoxy) acetic acid or 2.0% of 2-(2,4-Dichlorophenoxy) propionic acid and 1.0% of 2-(2,4-Dichlorophenoxy) acetic acid per ounce of 66.7%.

Distributed by:
SHEPARD CHEMICAL INDUSTRIES, INC., 605 Madison Ave., New York, N.Y. 10022

CAUTION - KEEP OUT OF REACH OF CHILDREN PRECAUTIONS

1. **AVOID CONTACT** with skin, eyes, or clothing. Irritating if swallowed. After using, wash face and other parts of body contaminated with concentrated spray or washings. Avoid breathing spray.
2. **DO NOT spray this product on flowers**, ornamentals, fruits, vegetables, grapes, cotton, alfalfa, soybeans, clover, or other desirable plants. Careless use may cause very small quantities of DPD-ESTER to cause severe damage to desirable or desirable plants. Avoid spray drift to susceptible plants and take care when this material is applied in close proximity to such plants. Coarse sprays are less likely to drift.
3. **PONDS, STREAMS, RIVERS AND WATER COURSES** MUST NOT be contaminated with the concentrated spray or washings. Excessive amounts of this product in the soil may briefly restrain seed germination and plant growth.
4. **DO NOT apply this product on lawns**. Legumes such as clover, are unresistant to this product and may be severely injured or killed.
5. **DO NOT graze dairy animals on treated areas** within seven days after application.
6. **DO NOT store this product near fertilizers**, insecticides, water supplies, insecticides, or fumigants and other materials applied to crops. **DO NOT** contaminate food or feedstuffs. Store Containers tightly closed.
7. **DO NOT use spray equipment contaminated with this product for any other purpose**. Wash equipment thoroughly with a suitable chemical cleaner. Spray equipment with clean water and leave overnight. Spray equipment before storing or using for another product. Such equipment should NOT BE used for the application of insecticides, fungicides or other agricultural products unless it has been thoroughly cleaned. Traces of this product can cause harm to susceptible crops sprayed later.
8. **DO NOT mix with liquid fertilizers.**
9. **USED CONTAINERS** should be disposed of safely.

USE AND REGISTERED TRADE MARK

DIRECTIONS

FOLIAGE STEM TREATMENT

This treatment is the regular and widely used type of treatment for dense woods and brush of more than one kind of tree. It is most effective on brush along highways, rights-of-way and abandoned areas where brush is running horizontally or parallel to a base line. It should be used as the "earliest spray" and applied to both stems and foliage. For trees whose foliage is completely matured until the plants start to grow again.

For effective destruction, all leaves, stems and twigs must be completely wet to the ground line. Some regions may be unresponsive to the more resistant species, such as oak, maple, poplar, etc.

Apply 1 to 1 1/2 gallons of DPD-ESTER to 100 square feet of brush. Mix 1 to 1 1/2 gallons of spray mixture per acre if applied with the brush and thicket up of the brush. Completely mix before use.

BASAL BARK TREATMENT

Apply to all the base and root on all trees and shrubs. It should be applied around the root collar at the base of the trunk. It may be applied during any season. Use DPD-ESTER in the basal bark treatment on small areas of irregularly shaped brush. It may be used as a repeat spray application on plants resistant to basal bark application.

Mix 3 to 4 gallons of DPD-ESTER in 100 square feet of brush with the capacity sprayer or power equipment. Apply to the basal bark on trees present, season applied and type of equipment used. Use a coarse spray to avoid drift.

MODIFIED BASAL TREATMENT

Soak the base of vegetation, then cover it with a layer of brush. Soak stems and leaves thoroughly with liquid to saturate the brush. This method is most effective when brush is in maximum foliage. This method is most effective when resistant species have been destroyed by previous treatments.

Apply to trees such as oak and maple remain. Soak at the base of the trunk and wetting all stems to run-off is absolutely necessary for complete kill.

For a faster spraying: Add 1 to 1 1/2 gallons of DPD-ESTER to 100 square feet of water, or add completely mix. This mixture is to be used to spray 100 square feet of water.

Do not apply in the weather or at any time of the year. Do not apply DPD-ESTER to 10 gallons of water. Do not apply to 100 square feet of water. Do not apply to 100 square feet of water. Do not apply to 100 square feet of water.

SOIL SURFACE TREATMENT

DPD-ESTER treatment may be used on soil surface. It is most effective on soil surface. It is most effective on soil surface. It is most effective on soil surface.

Apply 1 to 1 1/2 gallons of DPD-ESTER to 100 square feet of soil surface. Mix 1 to 1 1/2 gallons of spray mixture per acre if applied with the brush and thicket up of the brush. Completely mix before use.

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The following plants should be included among those susceptible to DPD-ESTER:

Alder	Blackberry	Willow
Ash	Blueberry	Yucca
Aspen	Chokeberry	Salmonberry
Birch	Wild rose	Hard sagebrush
Box Elder	Corn	Shiny Oak
Brambles	Hamamelis	Poison Ivy
Buckbrush	Honey	Palmetto
Wild Cherry	Huckleberry	Sumac
		Willow

Camerman's Note
 Poor Copy