



Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1270-55

1270-55

# ZEP R-61 WEED KILLER

## Selective Type

Prod. #1379

For Control of Weeds and Brush Around Plant and Industrial Fence Rows. DO NOT apply to rights-of-way or to areas adjacent to pastures, crop lands, or forests or to fence rows enclosing these areas.

Contains 1.71 pounds of 2,4-D and 0.91 pound of 2,4,5-T acid equivalent per gallon.

**ACTIVE INGREDIENTS:**

Dimethyl Amine Salt of 2,4-Dichlorophenoxyacetic acid*	22.3%
Dimethyl Amine Salt of 2,4,5-Trichlorophenoxyacetic acid**	11.6%
<b>INERT INGREDIENTS:</b>	66.1%
<b>TOTAL</b>	<b>100.0%</b>

\*Equivalent to 2,4-Dichlorophenoxyacetic acid, 10.52%, isomer specific by AOAC Method 6.001-5 (12th Edition).

\*\*Equivalent to 2,4,5-Trichlorophenoxyacetic acid, 9.85%.

**DIRECTIONS FOR USE**

An amine formulation and intended for mixing with water only. Do not mix with fuel oil, diesel oil, or kerosene.

Mixing the Spray: Fill tank 1/2 full of water; then add required amount of material. Agitate and complete filling of tank.

If frozen, heat to at least 45°F and shake thoroughly before using.

This product is designed for the control of certain broadleaf weeds and brush. As a foliage spray for listed varieties, mix 3 to 4 pints in 50 gallons of water. Use as a drizzling spray after foliage is well developed (late spring or early summer) for the control of the following plants:

<b>Use Low Rate</b>	<b>Use High Rate</b>
<ul style="list-style-type: none"> <li>Beggar-tick</li> <li>Carpobrotum</li> <li>Cockspur</li> <li>Corn or sorghum foot</li> <li>Dodder</li> <li>Flacbene</li> </ul>	<ul style="list-style-type: none"> <li>Buckbrush</li> <li>Wild Cherry</li> <li>Willow</li> <li>Elderberry</li> <li>Elm</li> <li>Greenbrier</li> </ul>
	<p><b>WEEDES</b></p> <ul style="list-style-type: none"> <li>Gallinule</li> <li>Glenn Ragweed</li> <li>Hemp</li> <li>Marble</li> <li>Jimson Weed</li> <li>Morning Glory (annual)</li> <li>Pigweed</li> </ul>
	<ul style="list-style-type: none"> <li>Wild Grape</li> <li>Gum</li> <li>Hickory</li> <li>Honey-suckle</li> <li>Locust</li> <li>Maple</li> </ul>
	<ul style="list-style-type: none"> <li>Oak</li> <li>Oregan Orange</li> <li>Salmonberry</li> <li>Poison Ivy</li> <li>Palmetto</li> <li>Sunec</li> <li>Sweet Gum</li> </ul>
	<ul style="list-style-type: none"> <li>Swallow</li> <li>Buttercup</li> <li>Mad dog bindweed</li> <li>Pennywort</li> <li>Roadside (Mulle)</li> <li>Spillwort</li> <li>Veronica</li> </ul>

**Use Higher Rate**

<ul style="list-style-type: none"> <li>Bedstraw</li> <li>Chickweed</li> <li>Dogfennel</li> <li>Goosefoot</li> <li>Kentweed</li> <li>Lamb's quarters</li> </ul>	<ul style="list-style-type: none"> <li>Mallow (annual)</li> <li>Marestail</li> <li>Prickly lettuce</li> <li>Russian thistle</li> <li>Smartweed</li> <li>Wild buckwheat</li> <li>Wild lettuce</li> </ul>	<ul style="list-style-type: none"> <li>Western ragweed</li> <li>Bur ragweed</li> <li>Burton weed</li> <li>Field bindweed</li> <li>Gooseweed</li> <li>Goldensrod</li> <li>Oxeye daisy</li> </ul>	<ul style="list-style-type: none"> <li>Flaxweed</li> <li>Yarrow</li> <li>Lace weed</li> <li>Plantain</li> <li>Spanish needles</li> <li>Sunflowers (perennial)</li> <li>Spotted spurge</li> </ul>
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For smaller jobs, mix 1 ounce of this product with 1 gallon of water.

For the control of Wild Onions or Garlic, mix 1 gallon of this product in 50 gallons of water plus 1/2 pound of household detergent (or 2 1/2 ounces per gallon of water plus 1/4 ounce of detergent) and apply in spring or fall at the rate of 50 gallons per acre. (One gallon per 870 square feet.) Since Wild Onions and Garlic bulbs and tubers remain dormant in the soil for years, this treatment should be repeated at least three times. Spring-fall-spring or fall-spring-fall.

**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
Harmful if swallowed.

Avoid contact with skin, eyes, and clothing.  
DO NOT contaminate irrigation ditches or drinking water.  
DO NOT use around homes, recreation areas, lakes, ponds, or ditch banks.  
DO NOT use on food crops intended for human consumption.  
DO NOT permit spray to come into contact with any valuable ornamental crop plants, for it will kill them. Coarse sprays are less likely to drift than fine sprays.  
DO NOT apply to pastures or other areas where grazing animals may consume treated foliage.  
DO NOT apply near seeds, fertilizer, insecticides, or fungicides.  
DO NOT re-use container. Triple rinse container then crush or perforate and dispose in approved landfill or bury in a safe place where contamination of surface or underground water will not occur. Drums may be resealed and stored for reconditioning or disposed in the above manner.  
DO NOT use this spray for subsequent application of insecticides or fungicides, for slight residue of material could damage valuable ornamental plants.

E.P.A. Reg. No. 1270-55

NET CONTENTS: Gals

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Manufactured by

## ZEP MANUFACTURING COMPANY

Division of National Service Industries, Inc.

**ATLANTA, GEORGIA 30301**

PRINCIPAL CITIES, USA AND THROUGHOUT THE WORLD

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