

## DIRECTIONS FOR USE

WEEDS IN CROPS	AMOUNT PER ACRE WEED KILLER 650	DIRECTIONS
Spring Seeded Wheat, Barley, Rye	2/3 to 1 pint	For annual broadleaf weeds. Spray after grain is fully tillered (about 4 to 6 inches tall) but before it is in the boot stage.
Fall Seeded Wheat, Rye	2/3 to 1 1/4 pint	For perennial broadleaf weeds. Spray after grain is fully tillered and when weeds are nearing the bud stage. <u>Do not spray grain in the boot to dough stage.</u> Consult local authorities about the best rate for your specific weed problem.
Flax	2/3 pint	Use the lower rate where susceptible or annual broadleaf weeds are the problem. <u>Spray in the spring before grain is in the boot to dough stage.</u>
Field Corn Pre-emergence	2 1/2 to 4 3/4 pints	To control such problem weeds as Russian pigweed or Russian thistle. <u>Do not spray after flax is in the bud stage.</u> Consult local authorities about your specific weed problem since injury to flax may occur when 2,4-D is used.
Post-emergence	2/3 to 1 pint	Apply after planting but before corn emerges from the ground. Use the higher rate on soil high in organic matter. Do not use pre-emergence treatments on light sandy soil or when soil moisture is inadequate for normal weed growth. Spray as soon as most weeds have germinated but before corn is 8 to 10 inches tall. Use the lower rate where annual broadleaf weeds are the major problem. Use the higher rate for perennial broadleaf weeds, spraying when these weeds are nearing the bud stage. Drop pipes should be used if corn over 12 inches tall must be sprayed. Do not spray corn in tassel.
<b>WEEDS ON NON-CROPPED LAND</b>		
Grass pastures	2 1/2 to 4 3/4 pints	For annual broadleaf weeds. Spray when these weeds are young and growing vigorously.
Fallow land		
Fencerows	4 3/4 to 7 1/4 pints	For perennial broadleaf weeds. Spray when these weeds are actively growing and near the bud stage. Repeated applications may be necessary for complete control. Do not graze livestock for seven days after spraying pastures with this product.
<b>CONTROL WOODY PLANTS</b>		
Fencerows	7 1/4 pints	To control brush susceptible to 2,4-D such as buckbrush, cherry, honeysuckle, sagebrush, sumac, willow. Wet all leaves and stems thoroughly, applying at least 100 gallons of spray mixture per acre. (For general brush control work, use WEEDONE BRUSH KILLER 32.)
Waste areas		

The above recommendations are general. Because of variations in soil, moisture conditions, weed population, etc., follow the recommendations of your state agricultural extension service weed specialist. To convert local recommendations into terms of WEED KILLER 650, use the following table:

2,4-D Acid	2 lb. (32 oz.)	1 lb. (16 oz.)	3/4 lb. (12 oz.)	1/2 lb. (8 oz.)	3/8 lb. (6 oz.)	1/4 lb. (4 oz.)
WEED KILLER 650 (Approx.)	4 3/4 pt.	2 1/2 pt.	1 3/4 pt.	1 1/4 pt.	1 pt.	2/3 pt.



# WEED KILLER

## 650

### Contains

## The Isopropyl Ester of 2,4- For Agricultural Uses

### CAUTION

Keep out of the reach of children.  
See other cautions on right panel.

#### ACTIVE INGREDIENTS:

\*2,4-Dichlorophenoxyacetic Acid, Isopropyl Ester . . . . . 45

#### INERT INGREDIENTS: . . . . . 54

\*2,4-Dichlorophenoxyacetic acid equivalent 38.0% by weight  
or 3.34 pounds of 2,4-D acid per gallon.

# AMCHEM PRODUCTS, INC.

AMBLER, PA. • Clinton, Iowa • St. Joseph, Mo. • Fremont, N.D.



ACCEPTED  
 Jul 21, 1967  
 UNDER THE FEDERAL...  
 PUNG...  
 FOR...  
 264-23

# WEED KILLER

## 650

Contains

### The Isopropyl Ester of 2,4-D For Agricultural Uses

#### CAUTION

Keep out of the reach of children.  
 See other cautions on right panel.

**ACTIVE INGREDIENTS:**  
 \*2,4-Dichlorophenoxyacetic Acid, Isopropyl Ester . . . . . 45.1%

**INERT INGREDIENTS:** . . . . . 54.9%

\*2,4-Dichlorophenoxyacetic Acid equivalent 38.0% by weight  
 or 3.34 pounds of 2,4-D acid per gallon.

**AMCHEM PRODUCTS, Inc.**  
 PHILADELPHIA, PA. • CLINTON, IOWA • ST. JOSEPH, MO. • FREMONT, CALIF.

#### GENERAL DIRECTIONS

WEED KILLER 650 for agricultural uses is a concentrated formulation of the isopropyl ester of 2,4-D, and is designed for controlling weeds in crops like corn, wheat, barley, rye, flax, as well as weeds and brush in hedgerows, pastures, roadsides and other infested areas. It contains the isopropyl ester of 2,4-D in a special penetrating carrier, which increases its effectiveness.

Mix the required amount of WEED KILLER 650 (see Directions for Use) with the amount of water necessary to cover an acre of ground. For low-volume sprayers, this will be 5 to 20 gallons of water; for high-volume sprayers, 100 to 200 gallons. On uncropped land where you cannot determine the acreage, use 1 to 2 quarts of WEED KILLER 650 in 100 gallons of water and wet the foliage of the weeds thoroughly. WEED KILLER 650 is best applied under low pressure (less than 100 pounds) to reduce the drift of spray.

For airplane application, WEED KILLER 650 can be used with water or oil.

**TO PREPARE A SPRAY:** Add one-half the required amount of water or oil to the spray tank, then add this product with agitation and finally the balance of the water or oil with continued agitation.

**WARNING:** If this material is to be used in straight oil mixtures, do not let water get into it or the finished mixture. **NOTE:** This material forms an emulsion in water — not a solution. This tends to separate on standing. Provide agitation to prevent such separation and ensure uniformity of spray mixture.

#### CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid spray drift to susceptible plants as this product may injure cotton, beans, peas, ornamentals, etc. (Coarse sprays are less likely to drift). Do not use same spray equipment for other purposes. Do not store near fertilizers, seeds, insecticides, or fungicides. Under very high temperature of use, vapors from this product may injure susceptible plants in the immediate vicinity. Do not contaminate water used for irrigation or domestic purposes. Do not use in a greenhouse. Do not use this product for purposes other than those recommended on this label.

This material is manufactured under and its use is licensed under one or more of the following U. S. Patents: 2,394,916; 2,396,513; 2,412,510; 2,390,941.

USDA Reg. No. 264-23

Form No. 863K-5-67TC Printed in U.S.A.

#### CONTROL THESE WEEDS

##### Annual and Biennial Weeds

- |                  |                      |
|------------------|----------------------|
| Beggar-ticks     | Marsh elder          |
| Blue burr        | Morning-glory        |
| Buckwheat (wild) | Mullein              |
| Bull thistle     | Mustard              |
| Burdock          | Parsnip              |
| Cockle           | Peppergrass          |
| Cocklebur        | Pigweed              |
| Coffee weed      | Prickly lettuce      |
| Fleabane (daisy) | Primrose             |
| Frenchweed       | Radish (wild)        |
| Galinsoga        | Ragweed (common)     |
| Goatsbeard       | Rosin weed           |
| Gumweed          | Russian thistle      |
| Jimson-weed      | Smartweed            |
| Kochia           | Sow Thistle (common) |
| Knotweed         | Sunflower            |
| Lamb's quarters  | Tumble weed          |
| Lettuce (wild)   | Vetch                |
| Mallow           | Wild carrot          |

##### Perennial Weeds

- |                      |                   |
|----------------------|-------------------|
| Artichoke            | Loco Weed         |
| Aster                | Lotus             |
| Austrian field cress | Nettles           |
| Bindweed             | Orange Hawkweed   |
| Blue lettuce         | Plantains         |
| Canada thistle       | Poison Ivy        |
| Catnip               | Poison Oak        |
| Chicory              | Poverty weed      |
| Cinquefoil           | Ragweed           |
| Dandelion            | Sow thistle       |
| Docks                | Stinging nettles  |
| Dogbane              | Strawberry (wild) |
| Goldenrod            | Tan weed          |
| Ground ivy           | Toad flax         |
| Heal-all             | Vervains          |
| Hoary cress          | Wild garlic       |
| Horse tail           | Wild onion        |
| Iron weed            | Wild sweet potato |
| Licorice             | Yarrow            |

#### WARRANTY

Neither manufacturer nor seller makes any guarantee, warranty or representation as to the material other than as to the amount of active ingredient contained as set forth on the label. The buyer agrees that the manufacturer and the seller shall not be responsible or liable for injury to crop, soil, person or property arising out of the use or handling of the material, whether in accordance with directions or not, and accepts the material on these conditions.