

GENERAL DIRECTIONS

WEED KILLER 646 is a liquid concentrate containing the butyl ester of 2,4-D and is designed for use on a wide variety of crops like corn, wheat, barley, rye, as well as lawns and pastures. It kills weeds, roadsides and other unwanted plants. It contains the butyl ester of 2,4-D in a special penetrating carrier which increases its effectiveness.

Mix the required amount of WEED KILLER 646 (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 646 in 100 gallons of water and wet the foliage of the weeds thoroughly. WEED KILLER 646 is best applied under low pressure (less than 100 pounds) to reduce drift of the spray.

For airplane application WEED KILLER 646 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.

NOTE: 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 insure uniformity of spray mixture.

CONTROL THESE WEEDS

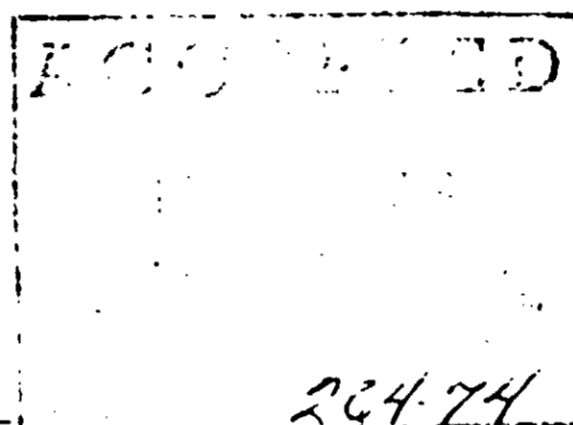
Annual and Biennial Weeds

beggar ticks	Jimson weed	pigweed
blue burr	kochia	primrose
buckwheat, wild	knotweed	radish, wild
burdock	lambsquarters	ragweed, common
carrot, wild	lettuce, prickly	rosinweed
cockle	lettuce, wild	smartweed
cocklebur	mallow	sowthistle, common
coffee weed	marshelder	sunflower
fieabane, daisy	morningglory	thistle, bull
frenchweed	mullein	thistle, Russian
gainsoga	mustard	tumbleweed
goatsbeard	parsnip	vetch
gumweed	peppergrass	

Perennial Weeds

artichoke	heal all	orange
aster	hoary cress	hawkweed
Austrian field	horsetail	plantain
cress	ironweed	povertyweed
bindweed	ivy poison	ragweed
catnip	lettuce, blue	sowthistle
chickweed	onion	strawberry, wild
dandelion	orchard weed	sweet potato, wild
dock	lotus	tanweed
figbane	nettle	thistle, Canada
garlic, wild	nettle, stinging	trifolium
ground ivy	oak, poison	vervain
	onion, wild	vetch

WEED KILLER 646



Contains the Butyl Ester of 2,4-D for Agricultural Uses.

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

ACTIVE INGREDIENT:
*2,4-Dichlorophenoxyacetic acid, butyl ester 55.2%

INERT INGREDIENTS: 44.8%

*2,4-Dichlorophenoxyacetic acid equivalent 44.1% by weight or 4 pounds of 2,4-D acid per gallon.



AMCHEM PRODUCTS, INC.

First Name in Herbicide Research
AMBLER PA ■ Clinton IA ■ St Joseph MO ■ Fremont CA
EPA Reg. No. 264-74

WARRANTY

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purpose described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem, therefore, makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees, in purchasing this product, to assume the risks and in the event of damages arising from a breach of the warranty to accept refund of the purchase price of the product as full discharge of Amchem's liability.

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply, when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not contaminate water used for irrigation or domestic purposes. Spray drift may injure cotton, beans, grapes, peas, tomatoes, ornamentals and many other desirable plants. Coarse sprays are less likely to drift. Do not use same spray equipment for other purposes.

Vapors from this product may injure highly sensitive plants already growing in the immediate vicinity or planted there two to three weeks after spraying. Do not use in a greenhouse. Do not store near fertilizers, seeds, insecticides or fungicides.

Do not reuse containers. Destroy by burying in a safe place. Do not burn.

Do not use this product for purposes other than those recommended on this label.

LEA

of 2,4-D

See other cautions

55.2%

44.8%

by weight or 4 pounds

DUCTS, INC.

Joseph, MO ■ Fremont, CA

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Form No. 1560K 1/76 SFD

Printed in U.S.A.

DIRECTIONS FOR USE

WEEDS IN CROPS	AMOUNT PER ACRE WEED KILLER 646	DIRECTIONS
Spring Seeded Wheat, Barley, Rye	1/2 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.
	1/2 to 1 pint	For perennial broadleaf weeds. Spray after grain is fully tillered, when weeds are nearing the bud stage. <i>Do not spray grain in the boot to dough stage.</i> Consult local weed control authorities about the best rate for your specific weed problem.
Fall Seeded Wheat, Rye	1/2 to 1 pint	Use the lower rate where susceptible or annual broadleaf weeds are the problem. <i>Spray in the spring before grain is in the boot to dough stage.</i>
Field Corn Preemergence	2 to 4 pints	Do not graze or feed forage from treated fields within 2 weeks after treatment. Do not use treated straw for livestock feed.
		Apply after planting but before corn emerges from the ground. Use the higher rate on soil high in organic matter. Do not use preemergence 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. Dr. p pipes should be used if corn over 12 inches tall must be sprayed. Do not spray corn in tassel.
Postemergence	1/2 to 3/4 pint	
WEEDS ON CROP LAND		
Grass Pastures Fallow land Fencerows	2 to 4 pints	For annual broadleaf weeds. Spray when these weeds are young and growing vigorously.
	4 to 6 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. Do not apply to newly seeded pastures. This treatment may injure clovers.
CONTROL WOODY PLANTS		
Fencerows Waste areas	6 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 BK 32).

The above recommendations are general. Because of variations in soil moisture conditions, and weed population follow the recommendations of your state extension service weed specialists.

To convert local recommendations into terms of WEED KILLER 646 use the following table:

2,4-D Acid	2 lb.	1 lb.	3/4 lb.	1/2 lb.	3/8 lb.	1/4 lb.
WEED KILLER 646	4 pt.	2 pt.	1 1/2 pt.	1 pt.	3/4 pt.	1/2 pt.