

AUG 11 1971

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTRATION

READ ENTIRE LABEL
BEFORE USING THIS PRODUCT

GENERAL INFORMATION

CROP RIDER "45" is an oil-soluble, water-emulsifiable, multi-purpose weed killer. By addition to water it forms a ready-to-use spray. It is designed to control weeds from croplands and lawn areas. The following is a list of some weeds controlled by CROP RIDER "45":

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| Arrowweed | Mallows (annual) |
| Barnyard | Morningglory |
| Buckweed (hedge) | Mustard |
| Canada thistle | Nettle, stinging |
| Chickweed | Pennycress |
| Cockspur | Pennywort |
| Dandelion | Peppercress |
| Dayflower | Pigweed |
| Field bindweed | Puncturevine |
| Flower-of-an-hour | Ragweed (common) |
| Hemp | Shepherdspurse |
| Hemlock | Smartweed |
| Jimsonweed | Thistle (red-top) |
| Lambsquarters | Velvetleaf |
| Kochia | Wild cucumber |
| Marshmallow | Wild parsnip |
| | Wild radish |
| | Wintercress |

For best results, apply to weeds that are young and in a rapidly growing condition.

DIRECTIONS FOR USE

PREPARATION OF THE SPRAY: Fill spray tank with half the required amount of water, then add accordingly to directions the recommended amount of CROP RIDER "45" with agitation and continue filling the tank. Use enough water per acre to give uniform coverage. This amount may vary from 5 to 10 gallons per acre for low-volume application and up to 200 gallons per acre in areas where high volumes are needed for good coverage.

SMALL GRAIN CROPS (Wheat, Barley, Rye): Apply CROP RIDER "45" at the rate of 1 to 1 1/2 pints per acre in sufficient water for uniform coverage on small grains when fully tillered or stooled (4 to 8 inches tall), but before head emerges from the "boot". DO NOT use on grains undersown with legumes such as alfalfa or clovers, except where some legume injury can be tolerated. DO NOT apply when grain is headed.

DO NOT forage or graze treated grain fields within two days after treatment with 2,4-D.

PREEMERGENCE: Use CROP RIDER "45" at the rate of 2 to 4 quarts per acre in sufficient water for uniform coverage. Best results are obtained when applied 3 to 5 days after planting but before corn emerges. DO NOT apply to light, sandy soils. **POSTEMERGENCE:** Apply at the rate of 1/4 to 1 pint per acre in sufficient water for uniform coverage. Apply from emergence up until corn is 6 inches tall. When spraying corn above 10 inches in height, use nozzle extensions ("corn drops"), directing the spray down to the base of the corn plant. DO NOT apply from tasseling to dough stage. Hybrids vary in tolerance to 2,4-D. Consult local agricultural experiment station or extension service weed specialists regarding the use of 2,4-D on your specific hybrid.

SORGHUM (Milo and Sorgo): Apply 1 pint of CROP RIDER "45" per acre in sufficient water for uniform coverage on plants 6 to 12 inches high when secondary roots are well established. Use drop nozzles when crop is over 10 inches tall. DO NOT apply from flowering to dough stage.

FORAGE CROPS (Pastures and Rangelands): Apply 1 1/2 to 2 quarts per acre of CROP RIDER "45" in sufficient water to provide uniform coverage. Treat forage lands when weeds are growing actively. DO NOT apply when grass is in "boot"

Multi-Purpose Weed Killer CROP RIDER® "45"

(Low-Volatile 2,4-D Formulation)

ACTIVE INGREDIENTS:	
Isocetyl Ester of 2,4-Dichlorophenoxyacetic Acid*	35.8%
INERT INGREDIENTS:	
	64.2%
TOTAL	100.0%

*Equivalent to 2,4-Dichlorophenoxyacetic Acid 23.7%

to "milk" stage. DO NOT apply to recently seeded pastures until grass is well established. Avoid application to legumes unless some damage can be tolerated. For control of wild garlic, wild onions and Canada thistle, apply 4 to 6 quarts per acre of CROP RIDER "45" in sufficient water for good coverage very early in spring. Repeat annually as necessary. DO NOT graze dairy animals on treated areas within 7 days after application.

WOODY PLANT CONTROL: To control 2,4-D susceptible woody plants such as elder, buckbrush, elderberry, sumac and willow in fence rows, pastures and ditch banks, use 3 quarts of CROP RIDER "45" in 50 gallons of water. Wet thoroughly all parts of the plants, including foliage and stems, to point of run-off. A single application per year is usually sufficient; however, certain hard-to-kill woody plants may require repeat applications in succeeding years. Best results are obtained when plants are in a young and actively-growing condition.

GOLF COURSES AND LAWNS: Apply 1 1/2 to 2 quarts per acre of CROP RIDER "45" in sufficient water to provide uniform coverage. For small areas add 2 tablespoonsful of CROP RIDER "45" to sufficient water to cover 1,000 square feet. For control of wild garlic and wild onion, apply 4 to 6 quarts of CROP RIDER "45" per acre in very early spring each year for at least three years. DO NOT apply to newly-seeded lawns until grasses become well established or on creeping grasses, such as bent. Injury may result if applied to Dichondra, St. Augustinegrass and clovers.

ROADSIDES, VACANT LOTS AND ALONG FENCE ROWS: Use 2 to 3 quarts of CROP RIDER "45" in 100 gallons of water per acre. For small areas add 2 tablespoonsful of CROP RIDER "45" to sufficient water to cover 1,000 square feet. Thoroughly wet all foliage to run-off.

CAUTION

Harmful if swallowed.

Avoid contact with eyes, skin and clothing. If contact with eyes occurs, flush with plenty of water.

DO NOT store near fertilizers, seeds, insecticides or fungicides.

DO NOT use the same spray equipment for applying other materials to plants as injury will result.

DO NOT contaminate irrigation ditches or water used for domestic purposes.

Avoid spray drift to susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Spray drift may cause severe injury to both growing and dormant plants. Coarse sprays are less likely to drift. Although this ester is much less volatile than butyl or isopropyl esters, high temperatures may produce vapors after application which might injure 2,4-D sensitive plants in the immediate vicinity.

DO NOT reuse empty container. Return to drum reconditioner, or destroy by perforating, crushing and burying or discarding in a safe place.

WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risk of any use contrary to such directions. SELLER makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of SELLER is authorized to do so except in writing with a specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.