



Precautionary Statements
Hazards to Humans and Domestic Animals
Caution

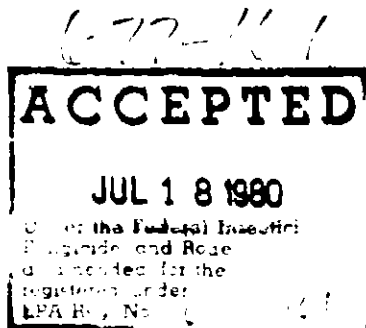
Harmful if swallowed.
Avoid contact with skin, eyes or clothing. If contact with eyes occurs, flush with plenty of water.

Environmental Hazards
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. Course 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.
Keep out of lakes, streams and ponds.

Net Contents Gallons/ Liters



Diamond Shamrock



Crop Rider® "45"

Weed Killer

Active Ingredient: Isooctyl Ester of 2,4-Dichlorophenoxyacetic Acid*	33.6%
Inert Ingredients:	66.4%
Total	100.0%

*2,4-Dichlorophenoxyacetic Acid Equivalent, 2,4-D isopropyl ester isomer specified by A.I.A. Method No. 10015

Keep Out Of Reach Of Children
CAUTION

See side panel for additional precautionary statements

Diamond Shamrock Corporation
Agricultural Chemicals Division
Cleveland, Ohio 44114
EPA Reg. No. 677-161-AA

Crop Rider "45"

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"**:

Arnicahead	Flower Stem Hemp	Peppergrass
Beggar's Tick	Hemp	Pigweed
Bindweed (red and white)	Hemp	Pigweed
Bitter Wild Radish	Ironweed	Ragweed (common)
Buckhorn Plantain	Lamb's Quarters	Smartweed
Burdock	Marestail	Sneezeweed
Burweed	Milk Thistle	Sunflower
Chickweed	Mullein (leafy)	Trifolium (red)
Cockspur	Mustard	Velvetleaf
Corn Spurge	Mustard	Wild Radish
Dandelion	Nettle (stinging)	Wild Parsnip
Field Bindweed	Pennywort	Wild Radish
Fieldweed	Pennywort	Wintergrass

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

Directions for Use

It is a violation of Federal laws to use this product in a manner inconsistent with its labeling.

Preparation of the Spray: Fill the spray tank with the required amount of water, then add according 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 25 to 30 gallons per acre for high volume applications needed for good coverage.

Small Grain Crops (Wheat, Barley, Rye): Apply **Crop Rider "45"** at the rate of 1 to 1.5 quarts per acre in sufficient water for uniform coverage. In small grains when fully tillered or shortly after tillering, but before head emerges from the boot. **Do not** use if plants are undersown with grasses, such as a late fall or early spring application. Some regrowth may be tolerated. **Do not** apply when plants are headed.

Do not apply to grain treated with herbicides within two weeks after treatment with herbicide.

Corn, 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 7 days after planting but before corn emerges. **Do not** apply to light sandy soils. **Postemergence:** Apply at the rate of 1 to 1.5 quarts per acre in sufficient water for uniform coverage. Apply from emergence until corn is 6 to 8 inches tall. When spraying corn above 10 inches in height, use a nozzle that sprays a cone of spray, directing the spray downward 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 for extent of severe weed species requiring the use of 2,4-D. In your specific hybrid. **Sorghum (Milo and Sorgo):** Apply 1 to 1.5 quarts of **Crop Rider "45"** per acre in sufficient water for uniform coverage. In 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 **Crop Rider "45"** at the rate of 1 to 4 quarts per acre.

Forage Crops: Apply **Crop Rider "45"** at the rate of 1 to 4 quarts per acre. **Do not** apply when grasses are in the seedling stage. **Do not** apply to recently seeded pastures until plants are well established. Apply application to forage crops in grasses some time after the first application. Control of wild grasses will be insured if applied at the rate of 4 to 6 quarts per acre of **Crop Rider "45"** in sufficient water for uniform coverage every 2 to 3 years. Repeat applications as necessary. **Do not** graze dairy animals in treated areas within 10 days after application.

Woody Plant Control: Apply 1 to 4 quarts of **Crop Rider "45"** to the woody plants such as alder, buckbrush, elderberry, sumac and willow in fence rows, pastures and timberlands. Use 4 quarts of **Crop Rider "45"** in 50 gallons of water. Wet thoroughly all parts of the plants, including foliage and stems to point of runoff. 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 to 2 quarts per acre of **Crop Rider "45"** in sufficient water to provide uniform coverage. For small areas add 2 tablespoons of **Crop Rider "45"** to sufficient water to cover 1,000 square feet. For control of wild grasses and wild onion, apply 4 to 6 quarts of **Crop Rider "45"** per acre in 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 tablespoons of **Crop Rider "45"** to sufficient water to cover 1,000 square feet. Thoroughly wet all foliage to run off.

Storage and Disposal

Storage - Do not contaminate water, food or feed by storage or disposal. **Do not** store near fertilizers, seeds, insecticides or fungicides.

Disposal - Do not reuse empty container. Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) container and offer for disposal in approved landfill or bury in a safe place. Open dumping is prohibited.

Consult federal, state or local disposal authorities for approved alternate procedures.

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 in which a claim is made.

1. 1990年12月，在《中国环境报》上，刊登了“中国环境状况令人堪忧”的标题，并附有“中国环境状况令人堪忧”的副标题。

Environmental Hazards

Do not use this material to protect your skin from the sun. For optimal protection, use a sunscreen with a sun protection factor (SPF) of 15 or higher. Sunscreen should be applied liberally and frequently, especially if you are outdoors for extended periods. Sunburns can cause severe skin damage, including premature aging and an increased risk of skin cancer. While this material may provide some protection, it is not a substitute for proper sun protection measures.

ACCEPTED

Jul 12 1980



Diamond Shamrock

Crop Rider "45"

Weed Killer

Active Ingredient	
Inert Ingredients	
Total	

Keep Out Of Reach Of Children

CAUTION

Diamond Shamrock Corporation

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Crop Rider™ 45

Read entire label before using this product

General Information

Crop Rider 45 is a selective herbicide for use in corn, soybeans, and sorghum. It controls a wide range of weeds, including annual and perennial broadleaves and grasses. For more information, see the following table of weeds controlled by **Crop Rider 45**.

Weed	Control
Annual Broadleaves	Yes
Perennial Broadleaves	Yes
Annual Grasses	Yes
Perennial Grasses	Yes
Roots	Yes
Burndown	Yes
Control	Yes
Do not	No
Do not	No
Do not	No
Do not	No

For more information, see the following table of weeds controlled by **Crop Rider 45**.

Directions for Use

Read and follow the label directions for use. Do not use in areas where it is not registered.

Preparation of the Spray - Mix the spray solution in a clean container. Add the water first, then the **Crop Rider 45** concentrate. Stir thoroughly. Do not use if the mixture is not uniform.

Small Grain Crops (Wheat, Barley, Rye) - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Corn Preemergence - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

Postemergence - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Sorghum (Milo and Sorgo) - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

Rider 45 - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Forage Crops, Pastures and Rangelands
Crop Rider 45

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Woody Plant Control - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Golf Courses and Lawns - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Roadsides, Vacant Lots and Along Fence Rows - Apply **Crop Rider 45** at the rate of 1.0 to 1.5 lb. a.i. per acre. Do not apply to crops that are less than 4 inches tall. Do not apply to crops that are more than 6 inches tall.

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Storage and Disposal - Store **Crop Rider 45** in a cool, dry place. Do not use if the container is damaged. Do not dispose of the product in the environment.

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