

CAUTION

Causes irritation. Avoid contact with eyes, skin, and clothing. Contains petroleum solvent. Avoid inhalation of spray mists. Avoid contaminating of foodstuffs.

Harmful if swallowed. If swallowed, call a physician immediately. In case of eye contact, flush with large amounts of water for 15 minutes; get prompt medical attention. Wash thoroughly after handling.

OBSERVE THESE PRECAUTIONS

Avoid application of spray or drift of spray to desirable plants, as this product may injure cotton, tomatoes, beans, peas, most vegetables, flowers, alfalfa, fruit trees, cane berries, ornamentals, grapes, or others. Even minute quantities of the spray may cause severe injury. Accordingly, application by airplane should be made only when there is no hazard from drift. All sprays are likely to drift under certain conditions. The finer the spray, the greater the likelihood of drift effect. Use only amount needed. **DO NOT OVERDOSE**.

Since vapors of the ester in this product may injure susceptible plants in the vicinity, use only where there is no danger from such vaporization.

Be sure that airplane spraying equipment has a quick acting effective cut off valve and is used from the lowest possible altitude by an aircraft operator experienced in the application of herbicides.

Do not use same equipment for other purposes. If necessary to use sprayer for any other spraying, be sure to thoroughly clean all equipment with a suitable chemical cleaner (1 quart household ammonia in 20 to 25 gallons of water, let stand overnight, then rinse thoroughly with water).

Do not store or place near fertilizers, seeds, plants, insecticides, or fungicides.

Do not re-use empty container. Rinse equipment and containers and dispose of wastes by burying in non-

crop areas away from water supplies. Containers should be disposed of by puncturing holes in them and burying with wastes.

Do not contaminate irrigation ditches or water used for domestic purposes.

Excessive amounts of 2,4-D in the soil may temporarily inhibit seed germination or plant growth.

Obtain necessary approval and/or permits for use in States or areas where required.

AMOCO 2,4-D Weed Killer No. 5-M exposed to sub-freezing temperatures should be warmed to at least 40° F and mixed thoroughly before using.

This product is toxic to fish. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

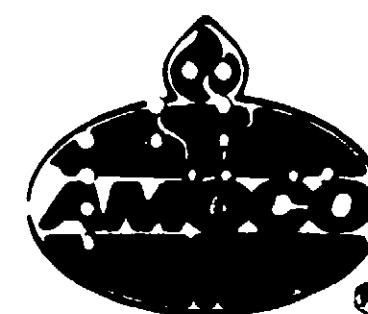
NON-WARRANTY NOTICE

Follow directions carefully. Seller warrants such directions to be proper and that product conforms to the descriptions on this label. Timing and method of application, weather and crop conditions and other influencing factors in the use of the product are beyond the control of the Seller, so Seller makes no other warranty, express or implied (including a warranty of merchantability), with reference to the results or effects of use. No person has authority to make any representation not contained on this label.

CONVERSION TABLE

2,4-D Acid Required	1 lb.	$\frac{1}{2}$ lb.	$\frac{1}{4}$ lb.	$\frac{1}{8}$ lb.	$\frac{1}{16}$ lb.	$\frac{1}{32}$ lb.
Amount 2,4-D Weed Killer No. 5-M to use	2 pt.	1 $\frac{1}{2}$ pt.	1 pt.	$\frac{1}{2}$ pt.	$\frac{1}{4}$ pt.	$\frac{1}{8}$ pt.

THIS DRUM IS NON-RETURNABLE - NO REFUND



Amoco

2,4-D weed killer no.5-M

ESTER CONCENTRATES

**CAUTION: HARMFUL IF SWALLOWED
KEEP OUT OF THE REACH OF CHILDREN
SEE OTHER CAUTION STATEMENTS ON
SIDE PANEL**

MFD FOR AMERICAN OIL COMPANY
CHICAGO, ILL. USA 60680

NET GALLONS

ACTIVE INGREDIENTS BY WEIGHT

Butyl esters of	
2,4-Dichlorophenoxyacetic acid	50.6%
(Equivalent to 46.78%	
2,4-Dichlorophenoxyacetic acid)	
INERT INGREDIENTS BY WEIGHT	41.4%
TOTAL	100.0%

1 gallon of AMOCO 2,4-D Weed Killer No. 5-M
contains the equivalent of 4 pounds of
2,4-Dichlorophenoxyacetic acid

GROSS POUNDS

A selective emulsifiable or oil miscible herbicide.

FOLLOW DIRECTIONS CAREFULLY

Always mix with water or oil (AMER or AMOCO Diesel Fuel recommended). recommended amount of AMOCO 2,4-D 5-M per acre in the amount of material (an acre with the spraying equipment used).

Apply 2,4-D sprays at low pressures of to 50 lbs. with nozzles adjusted to give fan shaped spray. For airplane application produce a coarse, wetting spray of large droplets.

For best results apply 2,4-D sprays when conditions are conducive to rapid growth; be applied when temperatures range from may be unsatisfactory below 65° and applied under adverse conditions (abnormal dry weather) or when weeds are near maximum recommended dosage. Under such results may not always be entirely satisfactory.

Recommendations given are general and local conditions consult local Extension Specialists or Agricultural Experiment Station recommendations.

AMOUNTS OF SPRAY MIXTURE TO

Airplane Application - Water Dilute amount of AMOCO 2,4-D Weed Killer No. 5-M with water and apply per acre.

Oil Dilute recommended amount in 1 gal. Heater Oil or AMOCO Diesel Fuel and apply.

Ground Sprayers Dilute recommended amount of 20 or more gallons of water and apply per acre. Amount of water required will depend upon the equipment used. Thorough agitation of spray is necessary for best results.

✓ TO CONTROL WEEDS IN RESISTANT

The following dosages are suggested on ground control of susceptible weeds such as M. Lambsquarters, Pigweed, Ragweed, Dock, Thistle, Marsh Elder, and many other species. are best killed when in bud or early bloom.



AMOCO® 2,4-D weed killer 5-M

SWALLOWED
BY CHILDREN
TREATMENTS ON
L COMPANY
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ACTIVE INGREDIENTS BY WEIGHT	
Buty esters of	
2,4-Dichlorophenoxyacetic acid	58.6%
Equivalent to 46.78%	
2,4-Dichlorophenoxyacetic acid	41.4%
INERT INGREDIENTS BY WEIGHT	
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2,4-Dichlorophenoxyacetic acid	

GROSS POUNDS

A selective emulsifiable or oil miscible herbicide

FOLLOW DIRECTIONS CAREFULLY

Always mix with water or oil. AMERICAN Heater Oil or AMOCO Diesel Fuel recommended) so as to apply the recommended amount of AMOCO 2,4-D Weed Killer No. 5-M per acre in the amount of material necessary to cover an acre with the spraying equipment used.

Apply 2,4-D sprays at low pressures of approximately 30 to 50 lbs. with nozzles adjusted to give a coarse wetting fan shaped spray. For airplane application adjust nozzles to produce a coarse, wetting spray of large droplets.

For best results apply 2,4-D sprays when soil and climatic conditions are conducive to rapid growth. This product may be applied when temperatures range from 80° to 85°. Results may be unsatisfactory below 85° and above 90°. Sprays applied under adverse conditions (abnormally cool or hot and dry weather) or when weeds are near maturity should contain maximum recommended dosage. Under such conditions, control results may not always be entirely satisfactory.

Recommendations given are general. Because of varietal and local conditions consult local Extension Service Weed Specialists or Agricultural Experiment Station for detailed recommendations.

AMOUNTS OF SPRAY MIXTURE TO APPLY

Airplane Application — Water Dilute recommended amount of AMOCO 2,4-D Weed Killer No. 5-M in 3 to 5 gallons of water and apply per acre.

Oil Dilute recommended amount in 1 gallon of AMERICAN Heater Oil or AMOCO Diesel Fuel and apply per acre.

Ground Sprayers Dilute recommended amount in 8 to 20 or more gallons of water and apply per acre. The amount of water required will depend upon the crop and type of equipment used. Thorough agitation of spray mixture is necessary for best results.

TO CONTROL WEEDS IN RESISTANT CROPS

The following dosages are suggested on growing crops for the control of susceptible weeds such as Mustard, Sunflower, Lamb'squarters, Pigweed, Ragweed, Dock, Cocklebur, Sow Thistle, Marsh Elder, and many other species. Perennial weeds are best killed when in bud or early bloom stage of growth.

✓ **Wheat, Oats, Barley, and Rye** 2,4-D sprays applied during seedling stage may reduce yields. Spray in spring after crop is fully tilled. Do not apply after early boot stage and up to the dough stage. Use ½ to ¾ pint AMOCO 2,4-D Weed Killer No. 5-M per acre. ½ pint will give satisfactory results under ideal conditions. Use lower dosages on oats to avoid injury. Do not forage or graze treated grain fields within two weeks after treatment with 2,4-D. Sprays applied after early boot stage or 1 up to the dough stage may reduce yields. Sprays containing 1 to 2 pints per acre may be applied as an emergency weed control measure when seed in heads is past dough stage. Do not feed treated straw to livestock. Fall applications are not recommended.

✓ **Flax** Use AMOCO MCPA Weed Killer M or AMOCO 2,4-D Weed Killer No. 2-M.

✓ **Corn and Sorghum** 2,4-D sprays may cause injury to stalks such as lodging, bending, and brittleness. The condition of brittleness may last 5 to 7 days, during which time stalks are subject to breakage by high winds and cultivation. Avoid cultivating while this condition prevails. Plants generally recover from lodging or bending. Crops are most susceptible to injury during periods of rapid growth. SORGHUM may be seriously injured - spray only when 4 to 12 inches tall. Pre-emergence sprays are not recommended.

Pre-emergence On loam and finer textured soils, susceptible broadleaved weeds and some annual grasses can be controlled with 1 to 2 quarts of AMOCO 2,4-D Weed Killer No. 5-M applied before corn emergence. Do not treat corn planted in sandy soil. Heavy rains after treatment may cause some injury to germinating seeds and result in some early crop stunting. To reduce this risk plant crop one inch deeper than normal (2½ to 3 inches). For band spraying (14 inch band and 40 inch row spacing) use ½ dosage.

Post-emergence Apply ½ pint of AMOCO 2,4-D Weed Killer No. 5-M per acre. Spray as soon as majority of weeds are actively growing but do not apply to corn from tasseling to dough stage. Spray must strike the tops of the weeds to be effective. Use extension nozzles to direct sprays away from the leaves of corn and sorghum that are 8 inches or more high.

✓ **Established Pastures and Range Grasses** For control of most annual and many perennial broadleaved weeds use 1 to 2 pints per acre of AMOCO 2,4-D Weed Killer No. 5-M depending on the susceptibility of weeds. Apply in sufficient

water for uniform coverage of weeds. Use the lower rate for easy to kill annual weeds and apply while they are small. Repeat if new weeds appear. Either spring or fall applications may be made.

For perennial weeds such as Barnyard, Canada Thistle, St. Johnswort, and Giant, use 2 to 4 pints per acre of AMOCO 2,4-D Weed Killer No. 5-M. In general, spray spring weed growth to bud stage and again on fall regrowth. Repeat applications for two or more successive years may be needed to control some weeds.

Do not spray seedling grass, nor white grass in or near to milk stage. Do not mow grass within two days before or following treatment. In some areas, bent, St. Augustine carpet, and buffalo grasses are susceptible to injury. Most legumes will be killed or injured with these rates of treatment. Keep dairy animals off treated areas for 7 days after treatment.

TO CONTROL WEEDS ON NON-CROPPED AREAS (Range areas, rights-of-way, around buildings)

✓ Apply sprays containing 2 pints AMOCO 2,4-D Weed Killer No. 5-M per acre for control of most broadleaved weeds. Wet all the weed foliage thoroughly. Deep rooted perennial weeds such as Barnyard, Canada Thistle, Heavy Grass, and Poison Ivy may require 2 to 4 pints per acre, and repeat applications may be necessary as new growth appears. Seedling grasses should not be sprayed until root systems are established and a soil has been formed. Some injury to clover and creeping bent grass may occur.

TO CONTROL WOBBY PLANTS

✓ **Brush** Use sprays containing 2 to 4 pints of AMOCO 2,4-D Weed Killer No. 5-M in 80 to 100 gallons of water per acre on such plants as Poison Ivy, Sumac, Poison Oak, Wild Grape, Sage Brush, and Iron regrowth within 1 foot leaf cover vegetation completely. Such plants as Sage Brush that are abundantly over large areas have been successfully sprayed by airplane using sprays containing 2 to 4 pints in 1 to 2 gallons of oil per acre. Repeat application if new growth appears. Use AMOCO Brush Killer M for general brush control.

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