

ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8590-37

# ALFALFA SPRAY 22E

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PM 2  
Reg. # 8590-37

NET CONTENTS FIVE GALLONS

**ACTIVE INGREDIENTS:**

Methoxychlor* Technical	23.787%
Malathion (0, O-dimethyl dithiophosphate of diethyl mercaptosuccinate)	23.807%
Xylene range aromatic solvent	43.510%
<b>INERT INGREDIENTS:</b>	8.896%
TOTAL	100.00 %

\*23.787 methoxychlor, technical is equivalent to 20.814% 2, 2-bis (p-methoxyphenyl)-1,1,1-trichloroethane 2.973% other isomers and reaction products. Contains 2 lbs. active ingredient Methoxychlor and 2 lbs. active ingredient Malathion per gallon.

## CAUTION:

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed and foodstuffs.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your cooperative Agricultural Extension Service.

This product is toxic to fish and wildlife. Keep out of lakes, streams & ponds. Shrimp and crab will be killed at application rate recommended on this label. Do not apply where these are important resources. Do not reuse empty container. Destroy it by burying with wastes or burning. Stay away from smoke.

**NOTE:** This pesticide is to be sold ONLY in this original unbroken package.

SP 976

## GENERAL INFORMATION

Alfalfa Spray 22 E forms an emulsion when diluted with water and is suitable for use in all power-operated ground and aircraft sprayers. To mix with water, add the required amount of Alfalfa Spray 22 E into the full amount of water while agitator is running.

With ground equipment, apply 15 to 25 gallons of water per acre. The lower gallonage will control weevil; the higher amount is needed for Pea aphid, Spittlebug and Armyworm. Spray when the temperature is warm, air is calm and plants are dry. Calibrate sprayer for a certain speed and maintain this speed throughout the spraying operation. Adjust the height of the boom so that the spray jets overlap in the tops of the plants.

For application with aircraft, use 5 to 10 gallons of water per acre. Apply sprays when temperature is warm, air is calm and plants are dry. Do not apply when weather conditions favor drift of spray from crop target areas.

## DIRECTIONS

READ THESE ENTIRE DIRECTIONS AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

**ALFALFA:** For control of Alfalfa weevil larvae, Meadow spittlebug, Potato leafhopper, and Pea aphid. Do not apply to alfalfa within 7 days of feeding or harvest.

**FIRST CUTTING:** Apply 2 to 3 quarts per acre when 60 to 75% of the alfalfa tips show feeding damage.

**STUBBLE SPRAY:** Apply 2 to 3 quarts per acre. Spray immediately after the hay is removed if Alfalfa weevil larvae infestation was severe at time of cutting.

**SECOND AND SUBSEQUENT CUTTINGS:** Apply 2 to 3 quarts per acre when 60 to 75% of the alfalfa tips show feeding damage from Alfalfa weevil larvae or when Pea aphid or Potato leafhopper are noted.

**RED CLOVER:** For control of Meadow spittlebug, Lesser Cloverleaf weevil and Strawberry spider mite. Apply 2 quarts per acre when clover is 4 to 6 inches tall or as soon as spittlebugs appear in the crown of plants. Apply spray before growth makes a solid cover. Do not apply within 7 days of harvest.

**CORN, BROME GRASS, ORCHARD GRASS AND TIMOTHY:** For control of Armyworm - Apply 2 quarts per acre when insect damage is noted. Best results will be achieved for sprays applied in late afternoon and when Armyworms are small. Repeat applications if necessary. Do not apply within 7 days of feeding or harvesting forage or hay crops.

## MOSQUITO CONTROL

### ADULT MOSQUITOES

**RESIDUAL SPRAYS:** Apply 4 3/4 pts. per acre of Alfalfa Spray 22E in 100 gals. of water using a hydraulic sprayer. Cover trunks and stems of shrubs and trees as well as grassy vegetation, fences, outbuildings and other structures near to the ground. Sprays should be made to the point of runoff, but not excessive runoff. Repeat application weekly. Do not spray foliage of Ferns, Hickory, Viburnum spp., Petunias, White Pine or Maples.

**MIST SPRAYS:** Apply 3/4 pt. per acre of Alfalfa Spray 22E. The mist blower should be calibrated to deliver 1 qt. per minute at 30 psi and at a speed of 3 1/2 miles per hour. Apply early in the morning or in the evening at wind velocities of less than 10 mph. Direct fog mist just above the vegetation.

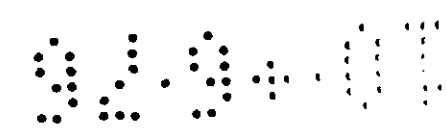
### LARVAL CONTROL

Alfalfa Spray 22E may be mixed with water for spray application or may be applied in undiluted form to mosquito source. For aircraft application, use appropriate rate in 2-10 gals. of water per acre. Apply only to known mosquito breeding sites.

**PREHATCH:** Make a single application during the winter months at a rate of 1 qt. of Alfalfa Spray 22E per acre.

**LARVICIDE:** Make one or more applications to the sources, as needed, for succeeding broods during the spring and summer. Apply at the rate of 2 pts. of Alfalfa Spray 22E per acre.

**DISCLAIMER:** Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.



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EPA Est. No. 8590-PA-1 EPA Reg. No. 8590-37