

12-11-1974

ACCEPTED
3125-111
DEC 11 1974

RECOMMENDED APPLICATIONS

CRIP	INSECT	PLANT METASTIGLAR-SC	REMARKS
Tarnaria	Aphids Mites	1½ to 2	Apply specified dosage per acre in sufficient water for complete coverage, but not less than one gallon per acre. Do not apply more than twice per season. Do not use for control of mites. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa. If tags are not to be utilized.
MELOON Muskmelon (Citrullus)	Aphids Mites	1½ to 2	Apply specified dosage per acre in sufficient water for complete coverage, but not less than three times per acre. Do not apply more than 3 times per acre. Do not use for control of mites. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
Other melons	Aphids Mites	1½ to 2	Apply specified dosage per acre in sufficient water for complete coverage, but not less than one gallon per acre. Do not apply more than twice per season. Do not use for control of mites. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
WATERMELONS	Aphids Mites	1½	Apply specified dosage per 100 gallons of water as much per acre as will spray within 30 days of harvest.
WATERS	Aphids Mites	1½	Apply specified dosage per 100 gallons of water as much per acre as will spray within 30 days of harvest.
ORNAMENTALS			
ROSE	Aphids	1½	Apply specified dosage in 100 gallons (1½ to 2 gallons per gallon of water) as a full coverage spray. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
FLORAL SPRAY	Aphids Holly leaf miner Holly leaf miner Leafhoppers Mites Thrips Whiteflies	1½	Apply specified dosage in 100 gallons (1½ to 2 gallons per gallon of water) as a full coverage spray. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
Flowers, Shrubs, & Trees			Apply specified dosage in 100 gallons (1½ to 2 gallons per gallon of water) as a full coverage spray. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
SHADE & NURSERY Trees (including Gymnosperms & Broadleaves & Conifers & Cacti & Cultivars)	Aphids Birch leaf miner Holly leaf miner Holly leaf miner Mites Thrips Scale Pine Needle Scale	1 to 1½ 2	Apply specified dosage in 100 gallons of water as much per acre as will spray within 30 days of harvest. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.
SITUS SPRUCE White Pine Weevil		2 (1 gallon)	Mix specified amount in 24 gallons of water; this is equivalent to 1.0% concentrate. Apply 2 to 4 gallons per acre. Do not use for control of aphids on alfalfa. Do not use for control of aphids on alfalfa.

RECOMMENDED APPLICATIONS

GROUP	INSECT	PLANT METASTOLAR & S2	REMARKS
CHRYSOMELIDAE	Aphis Mites Thrips	44	Painted plants with insecticide dosage in 50 gallons (1 1/2 lbs. per gallon) of water to form an emulsion. For most plants apply 1/2 cup (4 fluid ounces) of the emulsion per gallon of water. Repeat if necessary to maintain insect control.
GRASSHOPPER	Mites Aphids		For plants in nursery, apply dosage of 1/2 cup per gallon of water to form an emulsion. Use 1 quart of water for each 50 gallons of plant container capacity.
CUCURBITACEAE	Cucur bitarvae Culicid	45	Mix specified dosage in 50 gallons (1 1/2 lbs. per gallon) of water to form an emulsion. Use 1 quart of water for each 50 gallons of plant container capacity.
			For established trees:
		154	Street trees, trees in park, etc. where basin method of irrigation is used. Mix specified dosage in 50 gallons (2 1/2 lbs. per gallon) of water to form an emulsion. Apply 1/2 cup (4 fluid ounces) of emulsion per gallon of water to trunk diameter. Keep children and pets away from basin until material has soaked into the soil. Irrigation may be aided by drilling holes in the soil.

This METASYSTOX-R dosage is calculated for conventional sprayers. When lower volumes of spray are applied per acre, as with low-pressure low-volume, airplane or mist-type equipment, increase the concentration of METASYSTOX-R in the spray mixture in order to apply amount of METASYSTOX-R per acre equivalent to a full coverage spray but in no case use less than one gallon of water per acre.

WARNING

[illegible]

WARRANTY AND LIMITATION OF DAMAGES

Chemagro warrants that this material conforms to the chemical description on the label and is reasonably fit for the uses intended. Chemagro does not warrant that the material is free from all risks, or that the risks referred to herein are the only risks. CHEMAGRO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro is authorized to do so except in writing. Chemagro disclaims any liability for damages arising from a breach of this warranty shall be limited to the specific element to which it relates. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or lost sales, etc.

Metasystox is a reg. TM of the Parent Company of Farbentfabriken Bayer GmbH, Leverkusen. 471260



METASYSTOX-R
SPRAY CONCENTRATE
SYSTEMIC INSECTICIDE

FOR EFFECTIVE SYSTEMIC CROP PROTECTION

GUARANTEE: Contains 2.0 lbs. N-12-(Ethylsulfinyl)ethyl O,O-dimethyl phosphorothioate per U.S. gallon.

NET CONTENTS 2 U.S. GALS.

WARNING

KEEP OUT OF REACH OF CHILDREN
(See rear panel for warning statements)

WARNING -- FLAMMABLE | KEEP AWAY FROM HEAT AND OPEN FLAME

MANUFACTURED BY

Chemagro
Division Of Baychem Corporation
Box 4913, Kansas City, Missouri 64120

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Chemagro
Division Of Baychem Corporation
Box 4913, Kansas City, Missouri 64120

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METASYSTOX 13-9-71

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Multi-Step Word Problems

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DIRECTIONS FOR USE

IMPORTANT: Read these Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using METASTOSOL-A Spray Concentrate.

CONDITION OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, the user assumes all such risks. Changes and use after effect, and the buyer uses, this product subject to the understanding that the buyer assumes all such risks.

METASTOSOL-A systemic insecticide, penetrates by absorption and is translocated in the plant. The best time to apply is when the plant is actively growing. Do not apply to stressed or dormant plants. Do not apply to plants in contact with the spray.

MIXING: METASTOSOL-A Spray Concentrate forms an emulsion when diluted with water and is suitable for use in complete coverage of foliage but in no case use less than one gallon of water per acre. The type of equipment used will determine the concentrate required.

DOSAGE: Use specified dosage of METASTOSOL-A Spray Concentrate in the amount of water necessary to give complete coverage of foliage but in no case use less than one gallon of water per acre. The type of equipment used will determine the concentrate required.

SPRAYING: When to spray depends on the type of pest or insect. When low volume of spray are applied, complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Experiment Station or Extension Service for specific use information and for State regulations which may contain additional restrictions or requirements.

RESTRICTIONS

Do not use on other crops used for food or forage, use only according to label directions. Application at rates other than those specified may result in phytotoxicity. Do not apply to plants in contact with the spray. This product is toxic to fish and wildlife. Birds feeding on treated grass may be killed. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Keep out of streams, ditches, or ponds. Do not apply when weather conditions favor drift of spray from treatment area.

CONTAINER DISPOSAL

DO NOT REUSE THE CONTAINER: Completely empty the container and bury the unused chemical at least 18 inches deep in an isolated location. This product is toxic to fish and wildlife. Birds feeding on treated grass may be killed. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Keep out of streams, ditches, or ponds. Do not apply when weather conditions favor drift of spray from treatment area.

RECOMMENDED APPLICATIONS

CROP	INSECT	PINE METASTOSOL-A SC	REMARKS
FIELD CROPS			
Cotton	Aphids Mites Lygids Thrips (California Only)	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 14 days of picking. Do not graze or feed go to treat to dairy or meat animals.
Corn	Aphids Leafhoppers Mites Thrips	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 7 days of harvest of corn, or within 7 days of foraging or harvest of corn fodder.
Sugar Beets	Aphids Leafhoppers Mites	1 1/2 to 3	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 30 days of treatment.
SEED FIELD CROPS			
Alfalfa Clover	Aphids Leafhoppers Thrips Lygids (California Only)	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 14 days of harvest. Do not cut crop may be used for feed or forage within 21 days of treatment.
FRUIT			
Blackberries Raspberries	Aphids Mites	1 to 1 1/2	Apply specified dosage in 100 gallons of water as a full coverage spray. Do not apply more than 500 gallons diluted spray per acre. Do not apply more than once per season nor within 14 days of harvest.
Grapefruit Lemons Oranges	Aphids Texas citrus mite	1 to 1 1/2	Apply specified dosage in 100 gallons of water as a full coverage spray. Do not apply more than twice per season nor within 7 days of harvest.
Pears	Aphids Mites	1	Apply specified dosage in 100 gallons of water as a full coverage spray. Do not apply more than once per season nor within 30 days of harvest.
Pineapples	Aphids Mites	1	Apply specified dosage in 100 gallons of water as a full coverage spray. Do not apply more than twice per season nor within 35 days of harvest.
Strawberries	Aphids Mites	1 1/2 to 3	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season nor within 14 days to harvest.

RECOMMENDED APPLICATIONS

CROP	INSECT	PINE METASTOSOL-A SC	REMARKS
NON-BEARING FRUITS			
Apples Apricots Cherries Grapes Nectarines Peaches Plums Pomegranates Quinces Walnuts Citrus	Aphids Mites	1 to 1 1/2	Apply specified dosage in 100 gallons of water as a full coverage spray. Do not apply more than once per season nor within 14 days of harvest. Do not apply to trees that will bear fruit within the next 12 months.
VEGETABLES			
Broccoli Brussels Sprouts Cauliflower	Aphids	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 7 days of harvest for broccoli and cauliflower.
Cabbage	Aphids	1 1/2 to 3	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 7 days of harvest.
Cucumbers	Aphids Mites	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season.
Eggplant	Aphids Mites	2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than 3 times per season nor within 7 days of harvest.
Peppers	Aphids	2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than twice per season.
Potatoes	Aphids Flea beetles Leafhoppers	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.
Pumpkin Squash (winter & summer)	Aphids	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage but not less than one gallon per acre. Do not apply more than once per season. Do not apply within 14 days of harvest of pumpkins for winter use, nor within 1 day of harvest of summer squash.

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