

ETHION 4 MISCIBLE MITICIDE - INSECT

ACTIVE INGREDIENTS

*Ethion (0, 0, 0, 0 tetraethyl S-b
methylene bisphosphorodithi 46.5
Xylene 45.0

INERT INGREDIENTS

85.5
Total: 100%

*Contains 4 pounds of Ethion per gallon

EPA REG. NO. 2749-261
NET CONTENTS 1 GAL

WARNING: KEEP OUT OF REACH OF CHILDREN

MAY BE FATAL IF SWALLOWED. ABSORBED THROUGH SKIN. DO NOT BREATHE VAPOR OR SPRAY MIST. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID STORAGE NEAR FOOD AND FEED PRODUCTS.

USAGE CAUTIONS

DO NOT USE IF MATERIAL DOES NOT EMULSIFY. WORKERS ENTERING TREATED FIELDS WITHIN 24 HOURS SHOULD WEAR PROTECTIVE CLOTHING. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. DO NOT STORE AT TEMPERATURES BELOW 0 F.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. KEEP OUT OF ANY BODY OF WATER. BIRDS FEEDING ON TREATED AREAS MAY BE KILLED. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

THIS PRODUCT IS TOXIC TO BEES AND SHOULD NOT BE APPLIED WHEN BEES ARE ACTIVELY VISITING THE AREA.

RINSE EQUIPMENT AND CONTENTS AND DISPOSE OF WASTES BY BURYING AT LEAST 18 INCHES DEEP IN NON-CROP LANDS AWAY FROM WATER SUPPLIES. DO NOT REUSE CONTAINERS. SMASH OR PERFORATE AND BURY WITH WASTES.

DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROPS OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH LABEL DIRECTIONS BECAUSE ANIMAL, PLANT OR CROP INJURY, ILLEGAL RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

DIRECTIONS FOR USE

Apply the listed amount per acre when insects first appear and repeat as required to maintain effective control. Use in sufficient water for thorough coverage, unless otherwise noted for listed crops. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides. Observe days interval between last application and harvest indicated by number in () following the crop.

When applying this material by aircraft, mix the recommended amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. Where more than two quarts are recommended, mix with sufficient water to provide a minimum of finished spray equal to twice the amount of ETHION MISCIBLE used. Do not use in undiluted form.

BEANS (SUCCULENT & DRY) (2), Bean Leaf Beetle, Mexican Bean Beetle, Two-spotted Spider Mite - 0.5 to 1 pt. per acre. Potato Leafhopper - 1 pt. per acre. Do not feed treated foliage to livestock.

BEAN (SUCCULENT & DRY) (4), Lygus Bugs - 1 qt. per acre. Do not feed treated foliage to livestock.

CORN FIELD (50), Pacific Spider Mite, Two-spotted Spider Mite - 1 qt. per acre. Do not make more than 1 application after ear formation. Do not feed treated fodder to livestock.

COTTON, Aphids - 1 to 2 pts. per acre. Cotton Leafworm - 1 pt. per acre. Spider Mites - 0.5 to 1 pt. per acre. Spider Mites, Lygus bugs and other Mites on West Coast only - 2 to 3 pts. per acre. Do not apply after bolls open. Do not graze dairy or meat animals in treated fields.

CUCUMBERS (0), SUMMER SQUASH (0), Serpentine Leaf Miner, Two-spotted Spider Mite - 1 pt. per acre.

EGGPLANT (0), Two-spotted Spider Mite - 0.5 to 1 pt. per acre.

MELONS (0), M
Spider Mite - 1
Petrobia Mite (C
water per acre

PEPPER (0), PIN
Two-spotted Spider

SORGHUM (30)
acre. For Midge,
not utilize for for
that - times per
sensitive varieties

STRAWBERRY
Mite - 1 pt. per
Continue applicat

TOMATOES (2)
Mite - 1 pt. per ac

APPLES Apple A
Jose Scale - 0.5
Apply during dur
oil of 60-70 seco

CHERRIES Bl.
plus 2 gals. dorm
or delayed dorm
viscosity prefer

GRAPEFRUIT
TANGELOS (0)
Citrus Rust Mite
Brown Soft Sc
Scale, Glover S
Whitefly For M
Mites, Scales an
combined with
0.5 to 0.75 pt.
oil (West Coast)
and twigs thorough
laid their eggs



Manufactured for

ACETO CHEMICAL
AGRICULTURAL CHEMICALS

116,02 NORTHERN BOULEVARD FLUSHING



ETHION 4 MISCIBLE MITICIDE - INSECTICIDE

DO NOT DRIFT ONTO
NON-CROP AREAS OR USE
AT ANY TIME OTHER THAN IN
THE DIRECTIONS BECAUSE
OF THE HAZARD TO HUMAN
HEALTH, ILLEGAL RESIDUES
AND OTHER UNDESIRABLE
RESULTS MAY OCCUR

When insects first appear and repeat
treatments. Use in sufficient water for
coverage as noted for listed crops. Observe
precautions beyond the following use
program with other suitable pesti-
cides. Last application and harvest
of the crop.

When mixing the recommended amount
of Ethion 4 Miscible with a minimum of 1 gallon finished spray
the following amounts are recommended mix with
a minimum of finished spray equal to
Ethion 4 Miscible used. Do not use in

Bean Leaf Beetle, Mexican Flea
0.5 to 1 pt. per acre. Potato
and treated foliage to livestock.

Lygus Bugs 1 pt. per acre. Do not

Two spotted Spider Mite 1
1 application after ear formation

Cotton Leafworm 1 pt. per
acre. Spider Mites, Lygus bug, and
to 3 pts. per acre. Do not apply
to meat animals in treated fields.

CASH (0) Serpentine Leaf Miner
1 pt. per acre.

Mite 0.5 to 1 pt. per acre.

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ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIV.
126 02 NORTHERN BOULEVARD, EL PASO, TEXAS 79906

MELONS (0) Melon, Leaf Miner, Serpentine Leaf Miner, Two spotted
Spider Mite - 1 pt. per acre. Melon Leafhopper - 1.5 to 2 pts. per acre.
Petrobia Mite (California only) - 1 to 2 pts. in a minimum of 10 gals.
water per acre.

PEPPER (0) PIMENTO (0), Serpentine Leaf Miner - 1 pt. per acre.
Two spotted Spider Mite - 0.5 to 1 pt. per acre.

SORGHUM (30) Sorghum Midge, Sorghum Mite - 0.5 to 1.0 pt. per
acre. For Midge, apply at first bloom and repeat 4-10 days later. Do
not utilize for forage within 30 days of treatment. Do not apply more
than 3 times per season. Some leaf burning may occur on phosphate
sensitive varieties.

STRAWBERRY (2) Strawberry Leaf Roller, Two spotted Spider
Mite - 1 pt. per 100 gals., 1.2 pts. per acre. Spray plants thoroughly.
Continue application after harvest as required.

TOMATOES (2) Leaf Miner, Tropical Spider Mite, Two spotted Spider
Mite - 1 pt. per acre.

APPLES Apple Aphid, European Red Mite, San Jose Scale, Pear
Leaf Scale - 0.5 pts. plus 2 gals. dormant oil per 100 gals. water.
Apply during dormant or delayed dormant period. ("Superior" type oil of
60-70 second viscosity preferred for delayed dormant use.)

CHERRIES Black Cherry Aphid, San Jose Scale - 2 to 3.4 pt.
plus 2 gals. dormant oil per 100 gals. water. Apply during dormant
or delayed dormant period. ("Superior" type oil of 60-70 second
viscosity preferred for delayed dormant use.)

GRAPEFRUIT (0) LEMONS (2) LIME (2) ORANGES (0)
TANGELOS (0) TANGRINES (0) To control Citrus Red Mite,
Citrus Rust Mite, Six spotted Mite, Texas Citrus Mite, Pink Scale,
Brown Soft Scale, California Red Scale, Chaff Scale, Florida Red
Scale, Grover Scale, Purple Scale, Snow Scale, Yellow Scale, Citrus
Whitefly. For Mites use 0.5 to 0.75 pts. in 100 gals. water. For
Mites, Scales and Citrus Whitefly use 0.75 pt. per 100 gals. water
combined with 0.5 to 7.5 summer oil (Florida and Texas areas) or
0.5 to 0.75 pt. per 100 gals. water combined with 1.2 gals. summer
oil (West Coast). When snow scale is a problem, spray fronds, limbs
and twigs thoroughly. For Whitefly, apply shortly after Whiteflies have
laid their eggs.

DO NOT APPLY more than 2,000 gals. spray per acre. DO NOT APPLY
more than once on lemons and limes on other citrus crops listed, DO
NOT APPLY within 90 days of previous application. On tangerines,
DO NOT APPLY more than twice per crop. Do not apply oil within 3
weeks of a sulfur application. DO NOT USE oil on naval oranges.

NECTARINES PEACH PLUM PRUNE Clover (Brown Almond)
Mite, European Red Mite and including Leaf Curl Plum Aphid and
Mealy Plum Aphid on Plum and Prune - 3.4 pt. plus 1 to 2 gals.
dormant oil per 100 gals. water. Olive (Parlatoria) Scale - 1 pt. plus
3 gals. dormant oil per 100 gals. water. San Jose Scale - 1.2 to 3.4 pt.
plus 2 gals. dormant oil per 100 gals. water. Apply during dormant
period. ("Superior" type oil of 60-70 second viscosity preferred for
delayed dormant use). Do not apply after foliage or edible parts start to
form.

NECTARINES (30) PEACH (30) Clover (Brown Almond) Mite,
European Red Mite, Two spotted Spider Mite - 0.5 pt. per 100 gals.
water or 2.5 - 3.5 pts. per acre. Do not apply more than twice during
fruiting period.

PEARS Clover (Brown Almond) Mite, European Red Mite, San Jose
Scale - 3.4 pt. plus 1.2 gals. dormant oil per 100 gals. water. Apply
during dormant or delayed dormant period. ("Superior" type oil of
60-70 second viscosity preferred for delayed dormant use.)

ORNAMENTALS (Greenhouse) Millipedes SOIL TREATMENT
Use 10 fl. ozs. in 75 gals. of water and apply to 2,500 sq. ft. of bench
space. Wear mask or respirator approved by U.S.D.A. for ETHION
protection.

ORNAMENTALS (Out of Doors) Two spotted Spider Mite - 0.5 pt.
per 100 gals. May cause some needle drop on Anderson Yew.

TURF (Commercial Use) Chinch Bugs, Sod Webworm. Use 0.33 to
0.5 pt. per 1,000 sq. ft. of turf applied in 20 gals. of water or 1.67 to
2.5 pt. in 100 gals. of water to treat 5,000 sq. ft. To treat one acre
use 1.75 to 2.5 gals. applied in 800 gals. of water. It is important that
the spray penetrate through the mat of turf to reach the insects. It
helps to have the turf well irrigated before treatment.

CAUTION: Keep children and animals off treated areas until this
material has been thoroughly watered into soil and the grass has been
completely dried.