

DIRECTIONS FOR GRAIN SEED USE

For protection of grain seeds, apply Malathion 55 Premium Grade to the surface of clean or uninfested grain at the rate of 1/2 pt. in 1 to 2 gallons of water per 100 bu. of seed.

To protect stored grains from attack by Indian meal moth, apply Malathion 55 Premium Grade to the surface of clean or uninfested grain at the rate of 1/2 pt. in 1 to 2 gallons of water per 1000 sq. ft. of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded in storage and repeat if necessary.

To protect stored grains from attack by Indian meal moth, apply Malathion 55 Premium Grade to the surface of clean or uninfested grain at the rate of 1/2 pt. in 1 to 2 gallons of water per 1000 sq. ft. of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded in storage and repeat if necessary.

For a residual wall, floor, and machinery spray in grain elevators, in treating truck beds, box cars and ships' holds before loading grain, apply 1 gallon of Malathion 55 Premium Grade per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

DIRECTIONS FOR CROP USE

Begin applications when insects first appear and repeat as required. Full coverage is essential for control. Observe days interval between last application and harvest indicated by the number in () following the crop.

When applying this material by aircraft, mix the required amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. Care should be taken that this material is not allowed to drift onto neighboring crop or non-crop areas.

FRUITS: AMOUNTS RECOMMENDED ARE AMOUNTS TO USE PER 100 GALLONS OF WATER. APPLY AT PETAL FALL AND EVERY 10 to 14 DAYS THEREAFTER UNTIL CONTROL IS ACHIEVED

APPLES (3): Woolly Aphid, Bud Moth, Forbes Scale - use 1 pt. Green Apple Aphid, Rosy Apple Aphid - use 1 1/2 pt. Mealybug, Spider Mites - use 1 to 2 pts. Codling Moth, Plum Curculio, Red-banded Leafroller - use 2 pts. Applications of this material may cause injury on McIntosh and related varieties of apples.

PEARS (1): Spider Mites, Pear Psylla, Mealy-

SMALL FRUIT, VEGETABLES, ORNAMENTALS, FIELD CROPS: AMOUNTS RECOMMENDED ARE AMOUNTS TO USE PER ACRE IN SUFFICIENT WATER TO COVER.

BLACKBERRY (1); **BOYSENBERRY** (1); **DEWBERRY** (1); **LOGANBERRY** (1); **RASPBERRY** (1): Japanese Beetle, Leaf Hopper, Thrips, Mites - use 1 1/2 pts.

CRANBERRY (3): Leafhopper, Black-Headed Fireworms, Spittlebug Nymph, Cranberry Fruitworm - use 1 1/2 pts. Do not apply close to or during the bloom and berry-set period. Do not apply when foliage is wet.

GRAPES (3): Spider Mites, Mealybugs - use 1 1/2 pts. Applications may cause injury to Ribier grapes.

STRAWBERRY (3): Spider Mites, Aphids - use 1 1/2 pts. Thrips - use 1 1/2 to 3 pts.

BEANS (1): Spider Mites, Mexican Bean Beetle - use 1 1/2 pts.

BEETS (7); **BRUSSELS SPROUTS** (7): Aphids - use 1 to 2 pts.

CABBAGE (7); **KALE** (7); **MUSTARD** (7); **BROCCOLI** (3); **TURNIP** (3): Aphids, Imported Cabbage Worm, Cabbage Looper - use 1 to 2 pts.

CAULIFLOWER (7): Imported Cabbage Worm, Cabbage Looper - use 2 pts.

CELERY (7): Spider Mites, Aphids - use 1 1/2 pts.

CUCUMBER (1); **MELON** (1); **SQUASH** (1): Spider Mite, Aphids - use 1 1/2 pts. Do not apply unless plants are dry.

EGGPLANT (3): Spider Mite, Aphids - use 1 pt. Lacebug - use 3 pts.

LETTUCE (LEAF 14) (HEAD 7): Aphids, Leafhopper - use 2 pts.

ONIONS: Thrips - use 1 1/2 pts. Do not apply on green onions within 3 days of harvest.

PEAS (3): Pea Aphid - use 1 1/2 pts. per acre. Pea Weevil - use 1 1/2 to 2 pts. per acre. For Pea Weevil apply during early bloom before eggs are oviposited. Do not apply within 7 days of harvest if forage will be fed to livestock.

PEPPERS (3): Aphids - use 1 pt.

SPINACH (7): Aphids - use 2 pts.

TOMATOES (1): Aphids - use 2 pts. Spider Mites - use 1 1/2 pts.

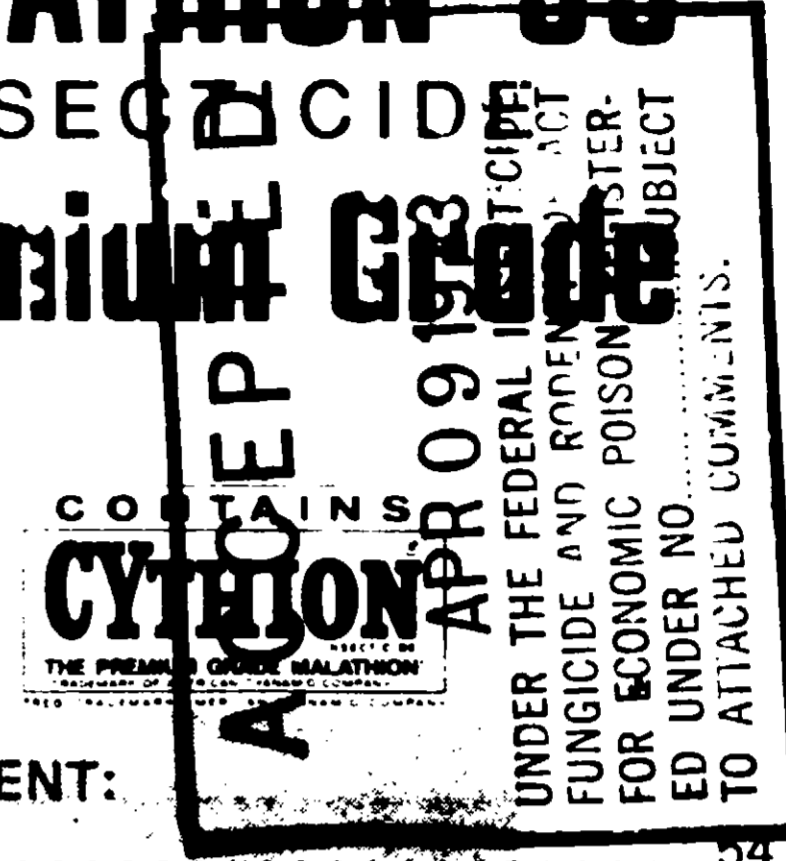
ALFALFA, CLOVER: Grasshoppers, Aphids, Leafhoppers, Mites, Alfalfa Weevil Larvae, Clover Leaf Weevil - use 1 1/2 to 2 pts. per acre. Do not apply when plants are in bloom.

BARLEY (7); **OATS** (7); **RYE** (7); **WHEAT** (7): Armyworm - use 2 pts. per acre. English Grain Aphids, Greenbug - use 1 1/2 pts. per

MALATHION 55

INSECTICIDE

Premium Grade



ACTIVE INGREDIENT:

MALATHION*	54.71%
AROMATIC PETROLEUM DERIVATIVE	36.42%
INERT INGREDIENTS	8.87%
TOTAL	100.00%

*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

CONTAINS 5.0 lbs. 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. Do not use treated seed for food, feed or oil purposes.

WARNING! FLAMMABLE

KEEP AWAY FROM HEAT AND OPEN FLAME

KEEP CONTAINER CLOSED

LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE.

Do not store at temperatures below 0°F.

Net Contents U.S. Gallon(s)

MANUFACTURED BY

Scale, Magnolia Scale - use 2 pt Scales - use 2 1/2 4 pts. Use of th on certain ferns, and Pteris, as Crassula and Ca

DIRECTIONS

Apply as a con applications wh repeat at 2 week use limitations. food containers

CATTLE (BEEF

- use 1 gallon 6 1/2 oz. per 5 gal may be sufficient Ticks - use 1 to water or 6 1/2 to Hornflies - use lons of water of of water. Do no of age. Do no animals, or to within 2 weeks

HOGS: Lice - u water or 6 1/2 oz. animals, pens a be sufficient. Re

SHEEP, GOATS

gallon per 100 5 gallons of wa Repeat applica needed. Do not treat animals af

POULTRY (DIE

ern For Mite, spoons per 1 ga birds and spray

POULTRY HO

Chicken Red 4 tablespoons p Ticks - use 6 t water. Apply s ceiling, roosts, n spray into all c

BOOST PAINT

Lice - use 2 to Brush on roost 150 feet of roo

DIRECTIO

MOSQUITO LA

sufficient water when applied Repeat applicat

2737-43

neighboring crop or non-crop areas.

FRUITS: AMOUNTS RECOMMENDED ARE AMOUNTS TO USE PER 100 GALLONS OF WATER. APPLY AT PETAL FALL AND EVERY 10 to 14 DAYS THEREAFTER UNTIL CONTROL IS ACHIEVED

APPLES (3): Woolly Aphid, Bug Moth, Forbes Scale - use 1 pt. Green Apple Aphid, Rosy Apple Aphid - use 1 1/2 pt. Mealybug, Spider Mites - use 1 to 2 pts. Codling Moth, Plum Curculio, Red-banded Leafroller - use 2 pts. Applications of this material may cause injury on McIntosh and related varieties of apples.

PEARS (1): Spider Mites, Pear Psylla, Mealybugs - use 1 to 2 pts. Codling Moth, Plum Curculio, Fruit Tree Leafroller, Red-banded Leafroller - use 2 pts. Applications may cause injury to Bosc pears under certain conditions.

PEACHES (7): Oriental Fruit Moth, Plum Curculio - use 2 pts.

PLUMS (3); **PRUNES** (3): Mealy Plum Aphid - use 1 pt.

RMBN 3/73

Pea Weevil - use 1 1/2 to 2 pts. per acre. For Pea Weevil apply during early bloom before eggs are oviposited. Do not apply within 7 days of harvest if forage will be fed to livestock.

PEPPERS (3): Aphids - use 1 pt.

SPINACH (7): Aphids - use 2 pts.

TOMATOES (1): Aphids - use 2 pts. Spider mites - use 1 1/2 pts.

ALFALFA, CLOVER: Grasshoppers, Aphids, Leafhoppers, Mites, Alfalfa Weevil Larvae, Clover Leaf Weevil - use 1 1/2 to 2 pts. per acre. Do not apply when plants are in bloom.

BARLEY (7); **OATS** (7); **RYE** (7); **WHEAT** (7); **Armyworm** - use 2 pts. per acre. **English Grain Aphids**, Greenbug - use 1 1/2 pts. per acre.

ORNAMENTALS: (unspecified) Aphids, Spider Mites, Whitefly, Mealybugs, Thrips, Japanese Beetle Adults, Scurfy Scale, Four Lines Leaf Bug, Tarnished Plant Bug, Rose Leafhopper, European Pine Shoot Moth - use 1 1/2 pts. Birch Leafminer, Boxwood Leafminer, Bagworms, Tent Caterpillar, Azalea Scale, Pine Leaf

(CONTINUED ON RIGHT PANEL)

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KEEP CONTAINER CLOSED
LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE.

Do not store at temperatures below 0°F.

Net Contents.....U.S. Gallon(s)

MANUFACTURED BY

Pueblo Chemical & Supply Co.

611 SANTA FE DRIVE • PUEBLO, COLORADO 81006

NOT FOR HOME USE

4 tablespoons
Ticks - use 6
water. Apply
ceiling, roasts,
spray into all
ROOST PAIN
Lice - use 2 to
Brush on roost
150 feet of ro

DIRECTI
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MOSQUITO L
sufficient wat
when applied
Repeat applica
oil based spray
as injury may
material by ai
amount with
to ten gallon
Care should be
allowed to dr
non-crop area
statement on

MALATHION 55

INSECTICIDE

Premium Grade

CONTAINS
CYTHION

APR 09 1968

UNDER THE FEDERAL INSECTICIDE ACT
FUNGICIDE AND RODENTICIDE
FOR ECONOMIC POISON
ED UNDER NO. 2737-43
TO ATTACHED COMMENTS.

2737-43

ACTIVE INGREDIENT:

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AROMATIC PETROLEUM DERIVATIVE	36.42%
INERT INGREDIENTS	8.87%
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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.

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Scale, Magnolia Scale, Oak Kermes, Fletcher Scale - use 2 pts. Monterey Pine Scale, Soft Scales - use 2 1/2 pts. Pine Needle Scale - use 4 pts. Use of this material may cause injury on certain ferns, including Boston Maidenhair and Pteris, as well as on some species of Crassula and Canaerti Juniper.

DIRECTIONS FOR LIVESTOCK USE

Apply as a complete coverage spray. Begin applications when insects first appear and repeat at 2 weeks intervals if needed. Observe use limitations. Avoid contamination of feed, food containers and water troughs.

CATTLE (BEEF AND NON-MILKING): Lice - use 1 gallon per 100 gallons of water or 6 1/2 oz. per 5 gallons of water. One treatment may be sufficient. Repeat only if needed. Ticks - use 1 to 2 gallons per 100 gallons of water or 6 1/2 to 13 oz. per 5 gallons of water. Hornflies - use 1 to 1 1/2 gallons per 100 gallons of water or 6 1/2 to 10 oz. per 5 gallons of water. Do not treat calves under 1 month of age. Do not apply to lactating dairy animals, or to non-lactating dairy animals within 2 weeks of freshening.

HOGS: Lice - use 1 gallon per 100 gallons of water or 6 1/2 oz. per 5 gallons of water. Spray animals, pens and litter. One treatment may be sufficient. Repeat only if needed.

SHEEP, GOATS: Lice, Ticks, Keds - use 1 gallon per 100 gallons of water or 6 1/2 oz. per 5 gallons of water. Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats. Do not treat animals after one month of age.

POULTRY (DIRECT APPLICATION): Northern Fowl Mite, Poultry Lice - use 2 tablespoons per 1 gallon of water per 100 to 150 birds and spray on birds.

POULTRY HOUSE: Northern Fowl Mite, Chicken Red Mite, Poultry Lice, Flies - use 4 tablespoons per 1 gallon of water. Poultry Ticks - use 6 to 7 ounces per 1 gallon of water. Apply spray liberally to litter, walls, ceiling, roosts, nests and adjacent areas. Force spray into all cracks and crevices.

ROOST PAINT: Chicken Red Mite, Poultry Lice - use 2 to 7 oz. per 1 gallon of water. Brush on roosts at the rate of 1 pint per 150 feet of roosts. Repeat as necessary.

DIRECTIONS FOR MOSQUITO CONTROL USE

MOSQUITO LARVAE: Use 13 oz. per acre in sufficient water or oil to obtain coverage

DIRECTIONS FOR FLY CONTROL USE

Use in and around buildings which house domestic animals, around yards and around homes. Apply to surfaces where flies alight or congregate, such as walls, stanchions, barn windows, fence and garbage cans. Repeat application as required. Eliminate fly breeding sites. Do not apply sprays to freshly white washed surfaces for a period of 14 days. Do not contaminate milk, milk equipment or water.

WATER DILUTED FLY SPRAY - use 2 gallons per 100 gallons of water. Spray the diluted mix at the rate of 1 gallon per 1000 square feet on painted surfaces or 2 gallons per 1000 square feet on unpainted surfaces.

BAIT SPRAYS - use 2 gallons of Malathion 55 Premium Grade with 2 gallons of unsulfurized molasses or corn syrup, or 20 pounds of sugar per 100 gallons of water. (Use 3 gallons with 40 pounds of sugar per 100 gallons of water if the fly population is severe). Sugar, unsulfurized molasses or corn syrup have been found in most cases to prolong the insecticidal activity of Malathion against flies.

This product is toxic to fish. (a) Do not apply when weather conditions favor drift from areas treated. (b) Do not apply where runoff is likely to occur. (c) Do not contaminate water by cleaning of equipment, or disposal of wastes. (d) Apply this product only as specified on this label. (e) Dispose of excess treated seeds by burning.

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.

DISPOSAL WARNING

DESTROY CONTAINERS WHEN EMPTY
Punch holes in the top and the bottom of the can, crush the can and bury in an isolated location.

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY

USAGE CAUTION: DO NOT USE IN UN-DILUTED FORM. DO NOT ALLOW THIS MATERIAL TO DRIFT ON TO NEIGHBORING CROP OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH DIRECTIONS, BECAUSE PLANT INJURY, EXCESSIVE RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

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 nor-

... active.
pts. per acre. For
rly bloom before
t apply within 7
ill be fed to live-

1 pt.
2 pts.
use 2 pts. Spider

shoppers, Aphids,
Weevil Larvae,
1/2 to 2 pts. per
ants are in bloom.

EYE (7); WHEAT
per acre. English
use 1 1/2 pts. per
(red)
Spider, Mites,
Japanese Beetle
Lines Leaf Bug,
leafhopper, Euro-
se 1 1/2 pts. Birch
miner, Bagworms,
Scale, Pine Leaf
HT PANEL)

KEEP AWAY FROM HEAT AND OPEN FLAME

KEEP CONTAINER CLOSED

**LEAKING PACKAGES SHOULD BE REMOVED TO A
SAFE PLACE.**

Do not store at temperatures below 0°F.

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MANUFACTURED BY

Pueblo Chemical & Supply Co.

611 SANTA FE DRIVE • PUEBLO, COLORADO 81006

NOT FOR HOME USE

CHICKEN RED MITE, POULTRY LICE, FLIES - use
4 tablespoons per 1 gallon of water. Poultry
Ticks - use 6 to 7 ounces per 1 gallon of
water. Apply spray liberally to litter, walls,
ceiling, roosts, nests and adjacent areas. Force
spray into all cracks and crevices.

ROOST PAINT: Chicken Red Mite, Poultry
Lice - use 2 to 7 oz. per 1 gallon of water.
Brush on roosts at the rate of 1 pint per
150 feet of roosts. Repeat as necessary.

**DIRECTIONS FOR MOSQUITO
CONTROL USE**

MOSQUITO LARVAE: Use 13 oz. per acre in
sufficient water or oil to obtain coverage
when applied by air or ground equipment.
Repeat application as necessary. Do not apply
oil based sprays to valuable ornamental plants
as injury may occur. When applying this
material by aircraft, mix the recommended
amount with sufficient water to provide one
to ten gallons of finished spray per acre.
Care should be taken that this material is not
allowed to drift onto neighboring crops or
non-crop areas. Observe the fish warning
statement on this label.

ORIGINAL PACKAGES ONLY

USAGE CAUTION: DO NOT USE IN UN-
DILUTED FORM. DO NOT ALLOW THIS
MATERIAL TO DRIFT ON TO NEIGH-
BORING CROP OR NON-CROP AREAS
OR USE IN A MANNER OR AT A TIME
OTHER THAN IN ACCORDANCE WITH
DIRECTIONS, BECAUSE PLANT INJURY,
EXCESSIVE RESIDUES OR OTHER UN-
DESIRABLE RESULTS MAY OCCUR.

**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 nor-
mal 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 im-
plied warranty of FITNESS or of MER-
CHANTABILITY, 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 as to which a claim is made.

E.P.A. REG. NO. 2737-43