

Reg # 34704-489

ACCEPTED
with COMMENTS
in EPA Letter Dated:

PM-14

194
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AUG 27 1986

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

7001-187

Dimethoate 2.67 EC

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|--|---------------|
| ACTIVE INGREDIENTS: | BY WT. |
| Dimethoate O,O-Dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate | 30.5% |
| INERT INGREDIENTS: | 69.5% |
| TOTAL | 100.0% |

Contains 2.67 lbs. active ingredients per gal
EPA Reg. No. 7001-187-AA EPA Est. No. 7001-Ca-1

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful or fatal if swallowed. Avoid breathing vapor or spray n. at
Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Wash with soap and water before eating or smoking. Do not contaminate food or feed products.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED do not induce vomiting. Call a physician immediately.
IF ON SKIN remove contaminated clothing and wash skin with soap and water. Launder clothing before reuse.
IF INHALED remove victim to fresh air. Apply artificial respiration if breathing has stopped. Call a physician.
IF IN EYES flush with water for at least 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Co-operative Agricultural Extension Service.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other person. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Certain states require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings

(RE-ENTRY STATEMENT CONT.)

must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: Area treated with Dimethoate on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION

All applicators, including homeowners, floggers and all personnel involved with mixing, loading and transferring operations must wear the protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows: 1) Impermeable gloves (example, rubber or plastic covered reinforced gloves) 2) Boots or boot covers 3) long-sleeved shirt and long pants 4) wide brimmed hats 5) respirators must be worn by floggers and mixed loaders.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

STORAGE: Store in a cool, dry, well ventilated area. Avoid high temperatures.

DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR DILUTION UNLESS STATED

Number in parentheses for recommendations in crops indicate the maximum number of pints per acre.

DILUTE APPLICATION: Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 80 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application: Apply specified rate in not less than 5 gallons of water per acre. Orchard

(DIRECTIONS FOR DILUTION)

Application: Apply equivalent per of water per acre. Special concn for these uses.

AIR APPLICATION: Apply specified per acre. Orchard rates use equivalent 10 gallons of water per acre. Do not

DIRECTIONS

It is a violation of Federal law to inconsistent with its labeling.

ALFALFA: Aphid, leafhoppers, typhlodromus, alfalfa weevil larvae, plant bugs—apply to alfalfa in the bloom period 10 days of harvest or pasturing—may alfalfa seed, do not feed or graze livestock or stubble within 20 days of application.
APPLES PEARS: Aphid, leafhopper—1-1 1/2 pints per 100 gallons of water harvest. Do not graze livestock on cover (18)

BEANS (green, lima, snap and dry) mites, typhlodromus, bean leaf beetle pints per acre. No time limitation. Do (14)

BROCCOLI, CAULIFLOWER & BRASSICA: 1-1 1/2 pints per acre. Do not apply within 14 days of harvest (14)

CABBAGE: Aphids—Apply 1-1 1/2 pints per acre 14 days of harvest (14)
CITRUS (grapefruit, lemons, orange, tangerine, thrips)—Apply 1-1 1/2 pints per acre during bloom period. Do not apply within 14 days of harvest. Make no more than 1 application per year. Do not apply on seedlings. Apply 1 1/2 pints per acre within 45 days of harvest. Do not use on seedlings. Make no more than 1 application per year. Do not enter groves or nurseries within 14 days of application. Do not use on cover crops grown in (18)

CITRUS (non-bearing): Citrus scale & spray—apply 1 1/2 pints per 100 gallons only on nursery stock and other non-bearing fruit within one year. Soil drench—fallow around the base of the tree growth appears. Use only on nurseries that will not bear fruit within 1 year within 4 days of application. Do not use in treated orchards (30)

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dispose of in a sanitary landfill,
by state and local authorities.

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Application For Field & Vege-
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Ground Application: Apply
ns of water per acre. Orchard

(DIRECTIONS FOR DILUTION CON'T.)

Application: Apply equivalent per acre rates in 20 to 100 gallons
of water per acre. Special concentrate equipment is necessary
for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water
per acre. Orchard rates use equivalent per acre rate in not less than
10 gallons of water per acre. Do not use air application on pecans.

DIRECTIONS FOR USE

it is a violation of Federal law to use this product in a manner
inconsistent with its labeling.

ALFALFA: Aphid, leafhoppers, lygus bugs, grasshoppers and reduction
of alfalfa weevil larvae, plant bugs—Apply 1/2-1 1/2 pts. per acre. Do not
apply to alfalfa in the bloom period. For alfalfa hay, do not apply within
10 days of harvest or pasturing—make only 1 application per year. For
alfalfa seed, do not feed or graze livestock on treated crops, hay thresh-
ings or stubble within 20 days of application. (1%)

APPLES & PEARS: Aphid, leafhoppers, mites (except rust mite)—Apply
1/2-1 1/2 pints per 100 gallons of water. Do not apply within 28 days of
harvest. Do not graze livestock on cover crops grown in treated orchards
(1%)

BEANS, (green, lima, snap and dry): Aphids, leafhoppers, leaf miners,
mites, lygus bugs, bean leaf beetle, Mexican bean beetle—Apply 1/2-1 1/2
pints per acre. No time limitation. Do not feed treated vines to livestock
(1%)

BROCCOLI, CAULIFLOWER & BRUSSELS SPROUTS: Aphid—Apply
1/2-1 1/2 pints per acre. Do not apply within 7 days of harvest (1%)

CABBAGE: Aphids—Apply 1/2-1 1/2 pints per acre. Do not apply within 3
days of harvest. (1%)

CITRUS (grapefruit, lemons, oranges, tangerines): Aphids, mites (except
rust mite), thrips—Apply 1/2-1 1/2 pints per 100 gallons of water. Do not
apply during bloom period. Do not use on seedlings. Do not apply within
15 days of harvest. Make no more than 2 applications to mature fruit.
Scales (except black or snow,) apply 1 1/2-2 1/2 pints per 100 gallons of
water. Whiteflies Apply 1 1/2 pints per 100 gallons of water. Do not apply
within 45 days of harvest. Do not apply during bloom period. Do not
use on seedlings. Make no more than 2 applications to mature fruit. Do
not enter groves or nurseries within 4 days of application. Do not graze
livestock on cover crops grown in treated orchards. (45)

CITRUS (non-bearing) California & Arizona only: Thrips, aphid—Foliar
spray—apply 1 1/2 pts. per 100 gallons of water. Repeat as necessary. Use
only on nursery stock and other non-bearing trees (trees that will not bear
fruit within one year). Soil drench, apply 3 qts. per acre in the basin or
furrow around the base of the tree. Apply when insects injury to new
growth appears. Use only on nursery stock and other non-bearing (trees
that will not bear fruit within 1 year). Do not enter groves or nurseries
within 4 days of application. Do not graze livestock on cover crops grown
in treated orchards. (30)

COTTON: Aphid, mites, thrips, leafhoppers, plant bugs—Apply 1/3-2/3
pint per acre. Do not apply within 14 days of harvest. Repeat applications
should not be made in intervals closer than 14 days. Do not feed treated
forage or graze livestock on treated fields (2/3)

COTTON (use restricted to California and Arizona): Lygus bug, leaf-
hoppers, black leafhopper—Apply 1/2-1 1/2 pints per acre. Do not apply
within 48 hours of harvest. Repeat applications should not be made at in-
tervals closer than 14 days. No more than 2 applications per season. Do
not feed treated forage or graze livestock on treated fields (1%)

FIELD CORN: Aphids, bean beetles, corn rootworm adults, mites, thrips,
leafhoppers—Apply 1 to 1 1/2 pts. per acre when insects first appear. Ap-
ply as needed using a maximum of 3 applications per year. Do not apply
within 14 days of harvest if corn is used for forage and 42 days if used
for grain.

LENTILS: Aphid, lygus bugs—Apply 1/2 to 1 1/2 pts. per acre when insects
first appear. Use the higher application rate for lygus control. Repeat ap-
plications as needed. Do not apply within 7 days of harvest. Do not feed
or graze hay or treated vines.

LETTUCE (head): Aphid, leafhoppers, leaf miners—Apply 1/2 pint per acre
Do not apply within 7 days of harvest (1%)

**LETTUCE (leaf), COLLARDS, ENDIVE (escarole), KALE, MUSTARD
GREENS, SPINACH, SWISS CHARD, TURNIPS (greens and roots):**
Aphid, leafhoppers, leaf miners—Apply 1/2 pint per acre. Do not apply
within 14 days of harvest. (1%)

MELONS (except watermelons): Aphids, leafhoppers, leaf miners, thrips—
Apply 1 1/2 pints per acre. Do not apply within 3 days of harvest (1%)

WATERMELONS: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per
acre. Do not apply within 3 days of harvest. (1%)

PEAS: Aphids—Apply 1/2 pint per acre. Peas may be harvested on day of
application. Do not feed or graze hay within 21 days after last application
when a stationary viner is used. Do not feed or graze when a mobile viner
is being used. Make no more than one application per growing season (1%)

PECANS: Aphids, mites, leafhoppers—Apply 1 pint per acre by ground
equipment only. Do not apply within 21 days before harvest. Do not graze
livestock in treated groves. Apply in 100-500 gallons of water per acre (1)

PEPPERS: Aphid, leaf miners, maggots—Apply 1/2-1 pint per acre. No
time limitation (1)

POTATOES: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per acre
Potatoes may be harvested on day of application (1%)

SAFFLOWER (use restricted to California and Arizona): Aphid, leaf-
hoppers, lygus bugs, thrips—Apply 1/2-1 1/2 pints per acre. Do not apply
within 14 days of harvest. Repeat application should not be made at in-
tervals closer than 14 days. No more than two applications per season
(1%)

SORGHUM: Aphids, mites—Apply 1/2-1 1/2 pints per acre. Do not feed or
graze within 28 days of last application. No more than three applications
per season (1%)

SOYBEANS: Leafhopper, Lygus bugs, Mexican bean beetle, spider

mites—Apply 1 1/3 pts per acre. Do not feed or graze within 5 days of
last application. Do not apply within 21 days of harvest

TOMATOES: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per acre
Do not apply within 7 days of harvest. (1%)

WHEAT: Aphids (green bug), brown wheat mite—Apply 1/2-1 pint per acre
Do not apply within 14 days of grazing immature plant. Do not harvest
grain within 60 days of last application. Make no more than two applica-
tions per growing season (1)

PINYON PINE: Pinon needle scale—Apply 3 gallons in 100 gallons of
water. Apply spray to egg masses at the base of the trees and to all rough
bark and crotches that can be reached from the ground. Make this bark
application when crawlers start to emerge from the eggs. Use hydraulic or
back-back sprayer. Do not spray leaves or needles. Do not apply if used
as pinon nut production.

DOUGLAS FIR: Fir cone midge—Apply 1/2 gallon in 100 gallons of water.
Make thorough coverage applications when cones are closed and pend-
ant. Use hydraulic or back-pack sprayer.

PINES: Loblooly pine sawfly—Apply 3/8-1/2 pints per acre in 2 gallons of
water. Apply by aircraft when air is calm and the temperature is below
66°F. Apply when most larvae are in the second and third instar. Do not
use on pines that are for pine nut production

AGC 520 (7/86)

NET CONTENTS 2 GALLONS.

DISCLAIMER OF WARRANTIES Seller warrants that the chemical composition of this product
conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN
LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED IMPLIED OR
STATUTORY INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR USE. Timing rate and method of application weather and crop conditions,
mixtures with chemicals not specifically recommended on this label, an act, unauthorizing action,
recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and
handling of this material not in strict accordance with directions given hereon. Buyer further
agrees in the event of damage arising from the use of this product, to accept a replacement of the
product or a refund of the purchase price of the product at Buyer's option as a full discharge of
seller's liability. No one is authorized to make any other warranty, guarantee or directions
concerning the product and no such warranties, guarantees or directions shall be valid or
binding upon seller.

J. R. SIMPLOT COMPANY Agricultural Chemicals Department P. O. Box 198 Lathrop, California 95330



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Dimethoate 2.67 EC

ACTIVE INGREDIENTS:

Dimethoate O,O-Dimethyl S-(1-methyl-2-hydroxyethyl) phosphorodithioate

BY WT.

30.5%

INERT INGREDIENTS:

TOTAL 100.0%

Contains 2.67% Dimethoate
EPA Reg. No. 7001-187-AA EPA Est. No. 7001-Ca-1

NOT REVIEWED

In Accordance with PR Notice 62-8

Based on Draft Labeling Dated 8-27-86

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Co-operative Agricultural Extension Service.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other person. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Certain states require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings

(RE-ENTRY STATEMENT CONT.)

must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: Area treated with Dimethoate on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION

All applicators, including homeowners, flaggers and all personnel involved with mixing, loading and transferring operations must wear the protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows: 1) Impermeable gloves (example, rubber or plastic covered reinforced gloves) 2) Boots or boot covers 3) long-sleeved shirt and long pants 4) wide brimmed hats 5) respirators must be worn by flaggers and mixed/loaders.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

STORAGE: Store in a cool, dry, well ventilated area. Avoid high temperatures.

DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

DIRECTIONS FOR DILUTION UNLESS STATED

Number in parenthesis for recommendations in crops indicate the maximum number of pints per acre.

DILUTE APPLICATION: Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 80 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application. Apply specified rate in not less than 5 gallons of water per acre. Orchard

(DIRECTIONS FOR APPLICATION)

Application: Apply equivalent of water per acre. Special care for these uses.

AIR APPLICATION: Apply specified rate per acre. Orchard rates used for 10 gallons of water per acre.

DIRECTIONS FOR USE

It is a violation of Federal law if inconsistent with its labeling.

ALFALFA: Aphid, leafhoppers, etc. of alfalfa weevil larvae, plant bug. Apply to alfalfa in the bloom period, 10 days of harvest or pasturing alfalfa seed, do not feed or graze in or stubble within 20 days of harvest.

APPLES & PEARS: Aphid, leafhopper. 1/4-1/2 pint per 100 gallons of water. Do not graze livestock on (18)

BEANS, (green, lima, snap and dry), mites, lygus bugs, bean leaf beetle. 1/2 pint per acre. No time limitation (1%)

BROCCOLI, CAULIFLOWER & CABBAGE: Aphid—Apply 1/2-1 pint per acre. Do not apply (1%) days of harvest. (1%)

CITRUS (grapefruit, lemons, oranges, tangerines, etc.), thrips. — Apply 1/4-1/2 pint per acre during bloom period. Do not apply during harvest. Make no more than 10 days of harvest. Make no more than 10 days of harvest. Make no more than 10 days of harvest. Do not use on seedlings. Make no more than 10 days of harvest. Do not enter groves or nurseries with livestock on cover crops grown in

CITRUS (non-bearing) Citronella spray—apply 1/2 pts. per 100 gallons only on nursery stock and other non-bearing fruit (within one year). Soil drench (furrow around the base of the tree) growth appears. Use only on nurseries that will not bear fruit within 1 year within 4 days of application. Do not use in treated orchards (30)

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful or fatal if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Wash with soap and water before eating or smoking. Do not contaminate food or feed products.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED do not induce vomiting. Call a physician immediately.
IF ON SKIN remove contaminated clothing and wash skin with soap and water. Launder clothing before reuse.
IF INHALED remove victim to fresh air. Apply artificial respiration if breathing has stopped. Call a physician.
IF IN EYES flush with water for at least 15 minutes. Get medical attention.

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Written warnings
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DILUTION

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(DIRECTIONS FOR DILUTION CON'T)

Application: Apply equivalent per acre rates in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates use equivalent per acre rate in not less than 10 gallons of water per acre. Do not use air application on pecans.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ALFALFA: Aphid, leafhoppers, lygus bugs, grasshoppers and reduction of alfalfa weevil larvae, plant bugs—Apply 1/2-1 1/2 pts. per acre. Do not apply to alfalfa in the bloom period. For alfalfa hay, do not apply within 10 days of harvest or pasturing—make only 1 application per year. For alfalfa seed, do not feed or graze livestock on treated crops, hay threashings or stubble within 20 days of application. (1%)

APPLES & PEARS: Aphid, leafhoppers, mites (except rust mite)—Apply 1/2-1 1/2 pints per 100 gallons of water. Do not apply within 28 days of harvest. Do not graze livestock on cover crops grown in treated orchards. (1%)

BEANS, (green, lima, snap and dry): Aphids, leafhoppers, leaf miners, mites, lygus bugs, bean leaf beetle, Mexican bean beetle—Apply 1/2-1 1/2 pints per acre. No time limitation. Do not feed treated vines to livestock. (1%)

BROCCOLI, CAULIFLOWER & BRUSSELS SPROUTS: Aphid—Apply 1/2-1 1/2 pints per acre. Do not apply within 7 days of harvest. (1%)

CABBAGE: Aphids—Apply 1/2-1 1/2 pints per acre. Do not apply within 7 days of harvest. (1%)

CITRUS (grapefruit, lemons, oranges, tangerines): Aphids, mites (except rust mite), thrips. —Apply 1/2-1 1/2 pints per 100 gallons of water. Do not apply during bloom period. Do not use on seedlings. Do not apply within 15 days of harvest. Make no more than 2 applications to mature fruit. Scales (except black or snow) apply 1 1/2-2 1/2 pints per 100 gallons of water. Whiteflies Apply 1 1/2 pints per 100 gallons of water. Do not apply within 45 days of harvest. Do not apply during bloom period. Do not use on seedlings. Make no more than 2 applications to mature fruit. Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. (4%)

CITRUS (non-bearing) California & Arizona only: Thrips, aphid—Foliar spray—apply 1 1/2 pts. per 100 gallons of water. Repeat as necessary. Use only on nursery stock and other non-bearing trees (trees that will not bear fruit within one year). Soil drench, apply 3 qts. per acre in the basin or furrow around the base of the tree. Apply when insects injury to new growth appears. Use only on nursery stock and other non-bearing (trees that will not bear fruit within 1 year). Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. (30)

COTTON: Aphid, mites, thrips, leafhoppers, plant bugs—Apply 1/3-2/3 pint per acre. Do not apply within 14 days of harvest. Repeat applications should not be made in intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields. (2/3)

COTTON (use restricted to California and Arizona): Lygus bug, leafhoppers, black fleahopper—Apply 1/2-1 1/2 pints per acre. Do not apply within 48 hours of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than 2 applications per season. Do not feed treated forage or graze livestock on treated fields. (1%)

FIELD CORN: Aphids, bean beetles, corn rootworm adults, mites, thrips, leafhoppers—Apply 1 to 1 1/2 pts. per acre when insects first appear. Apply as needed using a maximum of 3 applications per year. Do not apply within 14 days of harvest if corn is used for forage and 42 days if used for grain.

LENTILS: Aphid, lygus bugs—Apply 1/2 to 1 1/2 pts. per acre when insects first appear. Use the higher application rate for lygus control. Repeat applications as needed. Do not apply within 7 days of harvest. Do not feed or graze hay or treated vines.

LETTUCE (head): Aphid, leafhoppers, leaf miners—Apply 1/2 pint per acre. Do not apply within 7 days of harvest. (1%)

LETTUCE (leaf), COLLARDS, ENDIVE (escarole), KALE, MUSTARD GREENS, SPINACH, SWISS CHARD, TURNIPS (greens and roots): Aphid, leafhoppers, leaf miners—Apply 1/2 pint per acre. Do not apply within 14 days of harvest. (1%)

MELONS (except watermelons): Aphids, leafhoppers, leaf miners, thrips—Apply 1 1/2 pints per acre. Do not apply within 3 days of harvest. (1%)

WATERMELONS: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per acre. Do not apply within 3 days of harvest. (1%)

PEAS: Aphids—Apply 1/2 pint per acre. Peas may be harvested on day of application. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is being used. Make no more than one application per growing season. (1%)

PECANS: Aphids, mites, leafhoppers—Apply 1 pint per acre by ground equipment only. Do not apply within 21 days before harvest. Do not graze livestock in treated groves. Apply in 100-500 gallons of water per acre. (1)

PEPPERS: Aphid, leaf miners, maggots—Apply 1/2-1 pint per acre. No time limitation. (1)

POTATOES: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per acre. potatoes may be harvested on day of application. (1%)

SUNFLOWER (use restricted to California and Arizona): Aphid, leafhoppers, lygus bugs, thrips—Apply 1/2-1 1/2 pints per acre. Do not apply within 14 days of harvest. Repeat application should not be made at intervals closer than 14 days. No more than two applications per season. (1%)

SORGHUM: Aphids, mites—Apply 1/2-1 1/2 pints per acre. Do not feed or graze within 28 days of last application. Do not apply after heading. No more than three applications per season. (1%)

SOYBEANS: Leafhoppers, alfalfa looper, Mexican bean beetle, spider

mites—Apply 1 1/2 pts. per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest.

TOMATOES: Aphid, leafhoppers, leaf miners—Apply 1/2-1 1/2 pints per acre. Do not apply within 7 days of harvest. (1%)

WHEAT: Aphids (green bug), brown wheat mite—Apply 1/2-1 pint per acre. Do not apply within 14 days of grazing immature plant. Do not harvest grain within 80 days of last application. Make no more than two applications per growing season. (1)

PINYON PINE: Pinyon needle scale—Apply 3 gallons in 100 gallons of water. Apply spray to egg masses at the base of the trees and to all rough bark and crotches that can be reached from the ground. Make this bark application when crawlers start to emerge from the eggs. Use hydraulic or back-pack sprayer. Do not spray leaves or needles. Do not apply if used as pinyon nut production.

DOUGLAS FIR: Fir cone midge—Apply 1/2 gallon in 100 gallons of water. Make thorough coverage applications when cones are closed and pendant. Use hydraulic or back-pack sprayer.

PINES: Loblooly pine sawfly—Apply 3/8-1/2 pints per acre in 2 gallons of water. Apply by aircraft when air is calm and the temperature is below 68°F. Apply when most larvae are in the second and third instar. Do not use on pines that are for pine nut production.

AGC 520 (9.86)

NET CONTENTS 2 GALLONS

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