

FRUIT AND NUT CROPS

A spray schedule for control of codling moth, plum curculio, oriental fruit moth, apply at petal fall and every 10-14 days thereafter until control is achieved. This schedule applies only where insect is listed under a particular crop. Dosages are given in pints per 100 gallons water unless specified. Aircraft use equivalent rates in 5-40 gallons water per acre.

ALMONDS: Apply 1½-2½ pints to control aphids, red spiders, peach twig bores (apply during petal fall period or during the period appropriate for spraying larvae of the May brood). Do not use over 12 pints per acre. No time limitation.

APPLES: Apply 1½-2½ pints to control wooly apple aphid, bud moth, mealybug, forbes scale, tent caterpillar, bag worms, leafhoppers, putnam scale, San Jose scale, yellow-necked caterpillar. Apply 2-2½ pints to control green apple aphid, rosy apple aphid, European red mite, clover mite, Willomette mite, Two-spotted mite. Apply 2½ pints to control codling moth, Plum curculio, red-banded leaf roller. Do not apply within 3 days of harvest. Do not apply to McIntosh or Cortland varieties in summer sprays. Do not use over 24 pints per acre.

APRICOTS: Apply 2-2½ pints to control codling moth, orange tortrix, European Lecanium scale, soft brown scale, aphids. Do not apply within 7 days of harvest. Do not use over 16 pints per acre.

AVOCADOS: Apply 2-2½ pints per acre to control Latania scale, Greenhouse thrips, omnivorous looper, orange tortrix, soft brown scale. Do not use over 12 pints per acre. Do not apply within 7 days of harvest.

CHERRIES: Apply 2-2½ pints to control Black cherry aphid, Fruit tree leaf miner, cherry fruit fly, bud moth, San Jose scale, Forbes scale, Lesser peach tree weevil (apply to trunks and scaffold limbs 4 times at 21 day intervals). Do not apply within 3 days of harvest. Do not use over 12 pints per acre. Injury may occur on certain varieties.

CHESTNUTS: Apply 1-1½ pints to control mites. Do not use over 8 pints per acre. Do not apply after shuck-split. Do not graze livestock in treated groves.

DATES: Apply 1 pint to control nitidulid beetles. Do not apply within 7 days of harvest. Do not use over 3 pints per acre.

FIGS: Apply 3-4 pints plus 1-2 gallons unsulfured molasses per acre in 100-400 gallons of water to control dried fruit beetle, vinegar flies. Do not apply within 3 days of harvest.

MACADAMIA NUTS: Apply 2-3 pints to control green stink bugs. Do not use over 24 pints per acre. No time limitation.

NECTARINES: Apply 2-3 pints to control plum curculio, mites. Do not apply within 7 days of harvest. Do not use over 16 pints per acre.

PEACHES: Apply 1½-2½ pints to control European red mite, two-spotted mite, green peach aphid, black cherry aphid, black peach aphid, rusty plum aphid, Japanese beetle. Apply 2-2½ pints to control oriental fruit moth, plum curculio. Do not apply within 7 days of harvest. Do not use over 12 pints per acre.

PEARS: Apply 1½-3 pints to control mites, pear psylla, mealybug, apple aphid, apple grain aphid, Forbes scale, San Jose (scale--apply when crawlers are present). Apply 2-3 pints to control codling moth, plum curculio, fruit tree leaf roller, red-banded leaf roller. Do not apply within 1 day of harvest. Do not use over 24 pints per acre.

PINEAPPLE: Apply 8 pints per acre in 100-500 gallons water to control mealybug. Do not apply within 7 days of harvest.

PLUMS, PRUNES: Apply 1½-2½ pints to control aphid, two-spotted mite, European red mite, bud moth (prunes) mealy plum aphid. Apply 2-2½ pints to control curculio. Do not apply within 3 days of harvest. Do not apply over 16 pints per acre.

QUINCE: Apply 1½-3 pints to control forbes scale, mites. Apply 2-3 pints to control plum curculio, codling moth, oriental fruit moth. Do not apply within 3 days of harvest. Do not use over 24 pints per acre.

FILBERTS: Apply 1½ pints to control filbert aphid, apple mealybug, eye-spotted bud moth, scale (crawler stage), tingids. No time limitation. Do not use over 4½ pints per acre.

PECANS: Apply 1½-3 pints to control spider mites, aphids, pecan nut case-bearer. Do not apply over 19 pints per acre. No time limitation.

WALNUTS: Apply 2-5 pints to control walnut husk fly, aphids, mites. Do not use over 19 pints per acre. No time limitation.

CITRUS (Grapefruit, lemons, lime, oranges, tangerines, tangelos, kumquats): Apply 1½-3 pints to control California red scale, yellow scale, purple scale, black scale (single and off brooded), soft scale, citricola scale, green citrus aphid. Apply 3 pints to control Florida red scale. For thrips apply 2 pints per 200 gallons. Do not apply over 40 pints per acre. Do not apply within 7 days of harvest. Do not apply during full bloom.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: Apply 1½ to 2½ pints to control mites, thrips, leafhoppers, Japanese beetle. Apply 3 pints to control aphids, rose scale. Do not apply over 6 pints per acre. Do not apply within 1 day of harvest.

BLUEBERRIES: Apply 2 pints to control cranberry fruit worm, cherry fruit worm, plum curculio, sharpnosed leafhopper, Japanese beetle. Do not use over 4 pints per acre. Do not apply within 1 day of harvest.

CRANBERRIES: Apply 2 pints to control leafhopper, black-headed fireworm, spittle bug nymphs, cranberry fruitworm. Do not apply within 3 days of harvest. Do not use over 4 pints per acre.

GRAPES: Apply 2 pints to control leafhoppers, spider mites, mealybugs, Japanese beetle, Drosophila, European fruit lecanium scale (apply when newly hatched nymphs are migrating). Do not use over 4 pints per acre. Do not apply within 3 days of harvest. Injury may occur on ribier, italia, cardinal, almeria varieties.

STRAWBERRIES: Apply 2-3 pints per acre to control aphids, spider mites, lygus bugs, spittle bug, field crickets, thrips, potato leafhopper, strawberry leafroller, whiteflies, strawberry root weevil (apply to soil surface before planting and work into top 6-8 inches). Do not apply within 3 days of harvest.

FIELD, FORAGE, VEGETABLE AND SEED CROPS: Rates given in pints per acre. Diffusion rate by ground rig is 20-100 gallons water per acre. Aircraft 5-40 gallons water per acre.

ALFALFA: Apply 2 pints to control aphids, potato leafhopper, spider mites, alfalfa weevil larvae, spittle bug, vetch bruchid, grasshoppers, spotted alfalfa aphid, pea aphid, lygus bug, armyworms.

ASPARAGUS: Apply 2 pints to control asparagus beetle, thrips. Do not apply within 1 day of harvest.

BARLEY, OATS, RYE, WHEAT: Apply 2 pints to control young grasshoppers, winged grain mite, armyworms, English grain aphid, greenbugs. Do not apply within 7 days of harvest.

BEANS: Apply 2-2¾ pints to control Mexican bean beetle, leafhoppers, spider mites, Japanese beetle, aphids, cucumber beetles. For dry beans (California) apply 2-2¾ pints to control lygus bugs. Do not apply within 1 day of harvest.

BEETS: Apply 2-4 pints to control aphids, 4 pints to control beet armyworm, blister beetles. Do not apply within 7 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE, COLLARD: Apply 2-4 pints to control aphids, imported cabbage worm, cabbage looper, diamond-back moth, flea beetle. Do not apply within 7 days of harvest except broccoli which is 3 days before harvest.

ACTIVE INGREDIENT

Malathion (O,
mercaptosucchi
Xylene Range
INERT INGREDIENT

KEEP OUT

Harmful if swallowed
with skin; wash throat
and foodstuff.

SEE ADDITIONAL

DO NOT USE
PROTECT

ACCEPTED
Apr. 15

Net



MALATHION 5

LIQUID
AN AGRICULTURAL INSECTICIDE
CONTAINS 5 LBS. MALATHION PER GAL.

ACTIVE INGREDIENTS:

Malathion (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate)	55%
Xylene Range Petroleum Hydrocarbons	35%
INERT INGREDIENTS	10%
	100%

E.P.A. Reg. No. 1202-245-AA

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin; wash thoroughly after using. Avoid contamination of feed and foodstuff.

SEE ADDITIONAL CAUTIONS 5TH PANEL.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME,
PROTECT FROM TEMPERATURES BELOW 0° F.



LOS ANGELES, CALIFORNIA

Net Contents _____ Gallons

CARROTS: Apply 2-3 pints to control aphids, 3 pints to control leafhoppers. Do not apply within 7 days of harvest.

CLOVER: Apply 1½-3 pints to control aphids, mites, young grasshoppers, leaf hoppers, clover leaf weevil. Rates up to 2 pints, no time limitation. Between 2-3 pints do not apply within 7 days of harvest.

CELERY: Apply 2-2½ pints to control aphids, spider mites, celery leaf tier, cutworms (small), leafhoppers (small), whiteflies, leafhoppers. Do not apply within 7 days of harvest.

CORN (Field, Pop, Sweet): Apply 1½ pints per acre to control sap beetle, thrips, aphids, young grasshoppers, corn rootworm adults, corn earworm (may need 4-5 applications at 3-5 day intervals, begin when 10% of ears show silk). Do not apply within 5 days of harvest for grain or forage. Injury may occur in the whorl and silk stage.

COTTON: Apply 2-6 pints to control desert spider mite, cotton aphid, leafhoppers, white flies, cotton leafworm, brown cotton leafworm, cotton leaf perforator, thrips, lygus bugs, fall armyworm, grasshoppers, garden webworms. No time limitation.

CUCUMBERS, MELONS: Apply 2-2½ pints to control aphids, mites, pickleworm, leafhoppers (cantaloupes). 2¾ pints to control cucumber beetle. Do not apply within 1 day of harvest. Do not apply to cucurbits unless plants are dry.

DANDELION, WATERCRESS, SWISS CHARD, PARSLEY: Apply 2-3 pints to control aphids. Do not apply within 7 days of harvest. Do not apply within 21 days of harvest on Parsley.

EGGPLANT: Apply 2-5½ pints to control aphids, spider mites. Apply 4-5½ pints to control lace bug. Do not apply within 3 days of harvest.

ENDIVE: Apply 2-3 pints per acre to control aphids, mites. Do not apply within 7 days of harvest.

GARLIC, LEEKS, SHALLOTS: Apply 2-3 pints to control thrips. Do not apply within 3 days of harvest.

HOPS: Apply 2 pints per acre to control aphid, mites. Do not apply within 7 days of harvest.

LETTUCE: Apply 2-3 pints per acre to control aphids, mites, leafhoppers, 3 pints to control cabbage looper. Do not apply within 14 days of harvest on leaf lettuce. Do not apply within 7 days of harvest on head lettuce.

MUSTARD (Greens): Apply 2-4 pints to control aphids, imported cabbageworm, cabbage looper, flea beetles. Do not apply within 7 days of harvest.

ONION: Apply 2 pints per acre to control aphids, Japanese beetle. Do not apply within 1 days of harvest.

ONIONS: Apply 1-2 pints per acre to control thrips, 2½ pints to control onion maggots (start when flies appear). Do not apply within 3 days of harvest on green onions.

PEAS: Apply 3-4 pints to control pea aphid, pea weevil. Do not apply within 3 days of harvest.

PEPPERS: Apply 2¼ pints to control aphids. Do not apply within 3 days of harvest.

PEPPERMINT, SPEARMINT: Apply 1½ pints per acre to control aphids, spider mites, leafhoppers, adult flea beetles. Do not apply within 7 days of harvest.

POTATOES: Apply 2 to 4¾ pints to control leafhoppers, aphids, false chinch bugs. No time limitations.

PUMPKINS: Apply 2-3 pints per acre to control aphids, mites, leafhoppers. 3 pints to control squash vine borer (apply to stem and vines at base of plants). Do not apply within 3 days of harvest. Do not apply unless plants are dry.

RADISHES, PARSNIPS, SALSIFY, HORSE RADISH: Apply 2-3 pints to control aphids. Do not apply within 7 days of harvest.

RICE: Apply 2½ pints per acre to control rice leafminer (start after first rice blades appear on surface of water), rice stink bug. Restrict spill from rice fields for 5 days following application. Do not apply within 14 days before or after applying propanil herbicides. Do not apply within 7 days of harvest. Do not spray over canals or laterals. Toxic to fish and wildlife.

RUTABAGAS: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

SAFFLOWER: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

SWEET POTATOE: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

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TOMATOES: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest. Rates up to 4 pints per acre.

TURNIPS: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

VETCH: Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

FLOWERS (Aster): Apply 2-3 pints to control aphids, mites. Do not apply within 7 days of harvest.

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For protection of crops, are visiting the keepers well in application. Highly toxic to fish, birds, and mammals. Rinse equipment and wash hands away from holes in them.

CONDITIONS OF SALE: 1. Material conforming to specifications. 2. Buyer to be responsible for use as agent or representative. 3. Buyer to be responsible for application. 4. Buyer to be responsible for storage, handling, and disposal. 5. Buyer to be responsible for any damage to crops or property. 6. Buyer to be responsible for any injury to persons or animals. 7. Buyer to be responsible for any loss of crops or property. 8. Buyer to be responsible for any other damage or loss.

LOT NO. _____

control aphids, 3 pints to control leafhoppers. Do

control aphids, mites, young grasshoppers, leaf
up to 2 pints, no time limitation. Between 2-3
of harvest.

control aphids, spider mites, celery leaf tier,
whiteflies, leafhoppers. Do not apply within

1/2 pints per acre to control sap beetle, thrips,
rootworm adults, corn earworm (may need
ears, begin when 10% of ears show silk).
vest for grain or forage. Injury may occur in

desert spider mite, cotton aphid, leafhoppers,
cotton leafworm, cotton leaf perforator, thrips,
pers, garden webworms. No time limitation.

4 pints to control aphids, mites, pickleworm,
to control cucumber beetle. Do not apply
y to cucurbits unless plants are dry.

CHARD, PARSLEY: Apply 2-3 pints to control
s of harvest. Do not apply within 21 days of

control aphids, spidermites. Apply 4-5 1/2 pints
in 3 days of harvest.

to control aphids, mites. Do not apply within

2-3 pints to control thrips. Do not apply

control aphid, mites. Do not apply within 7

to control aphids, mites, leafhoppers, 3 pints to
within 14 days of harvest on leaf lettuce. Do not
lettuce.

ts to control aphids, imported cabbageworm,
apply within 7 days of harvest.

control aphids, Japanese beetle. Do not apply

control thrips, 2 1/2 pints to control onion maggots
ly within 3 days of harvest on green onions.

pea aphid, pea weevil. Do not apply within 3

aphids. Do not apply within 3 days of harvest.

1 1/2 pints per acre to control aphids, spider
s. Do not apply within 7 days of harvest.

ontrol leafhoppers, apgids, false chinch bugs. No

acre to control aphids, mites, leafhoppers, 3
(apply to stem and vines at base of plants).
vest. Do not apply unless plants are dry.

HORSERADISH: Apply 2-3 pints to control
of harvest.

ontrol rice leafminer (start after first rice blades
ik bug. Restrict spill from rice fields for 5 days
within 14 days before or after applying proper
of harvest. Do not spray over canals or lateral

RUTABAGAS: Apply 2-4 pints per acre to control aphids. Do not apply within
3 days of harvest.

SAFFLOWER: Apply 2 pints to control aphids, lygus bugs, grasshoppers. Do not
apply within 3 days of harvest.

SOYBEANS: Apply 2 1/2-3 pints per acre to control Mexican bean beetle.

SPINACH: Apply 2-3 pints to control aphids. Do not apply within 7 days of
harvest.

SQUASH: Apply 2 to 2 3/4 pints to control alfalfa loopers, aphids, spider mites, pickle-
worms. For control of squash vine borer, cucumber beetles apply 3 pints to stems and
vines at base of plants. Do not apply within 1 day of harvest.

SUGAR BEETS: Apply 2 to 3 1/2 pints to control aphids, spider mites, grasshoppers. Do
not apply within 7 days of harvest if tops are to be used as food or feed.

SWEET POTATOES: Apply 2-3 pints to control leafhoppers, 3 pints to control morning-
glory leafminers. Do not apply within 3 days of harvest.

TOMATOES: Apply 2-5 1/4 pints to control spider mites, aphids, tomato russet
mites. Apply 3-5 1/4 pints to control drosophila. Do not apply within 5 days of
harvest. Rates up to 3 pints do not apply within 1 day of harvest.

TURNIPS: Apply 2-4 1/4 pints to control aphids, imported cabbageworm, cabbage
looper. Do not apply within 3 days of harvest.

VETCH: Apply 2 pints per acre to control pea aphid, vetch bruchid, omniverous
leaf tier.

FLOWERS (Asters, daisies, Iris, mums, gladiolus, stock): Apply 2-5 pints to
control lace bug, aphids, spider mites, whitefly, thrips, bagworm, tent cater-
pillar. Caution—may cause injury to certain varieties.

CAUTION

For protection of honey bees avoid use, if possible, during periods when bees
are visiting the crops. When necessary to use during such periods, warn bee-
keepers well in advance to locate hives at a safe distance until 1 week after
application.

Highly toxic to fish. Do not contaminate any body of water, by direct applica-
tion, cleaning of equipment or disposal of wastes and containers.

Rinse equipment and containers and dispose of wastes by burying in non-crop
lands away from water supplies. Containers should be disposed by punching
holes in them and burying with wastes or by burning (keep out of smoke).

CONDITIONS OF SALE: 1. PureGro Company (manufacturer) warrants that this
material conforms to the chemical description on the label and is reasonably
fit for use as directed hereon. Manufacturer neither makes, nor authorizes any
agent or representative to make, any other warranty of FITNESS or of MER-
CHANTABILITY, guarantee or representation, express or implied, concerning this
material. 2. Critical and unforeseeable factors beyond the manufacturer's con-
trol prevent it from eliminating all risks in connection with the use of chemi-
cals. Such risks include, but are not limited to, damage to plants and crops
to which the material is applied, lack of complete control, and damage caused
by drift to other plants or crops. Such risks occur even through the product is
reasonably fit for the uses stated hereon and even though label directions are
followed. Buyer and user acknowledge and assume all risks and liability (ex-
cept those assumed by the manufacturer under 1 above) resulting from hand-
ling, storage, and use of this material.

LOT NO. _____

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