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 registered
 No. 955-81117

AGWAY LIQUID SEVIN* 2F

Controls insects on fruits, vegetables, trees, lawns, flowers and ornamentals.

ACTIVE INGREDIENT		
Carbaryl (1-Naphthyl-N-Methyl-carbamate)	24.4%
INERT INGREDIENTS	75.6%
	TOTAL	100.0%

Contains 2# Sevin* per gallon

*Registered trademark of Union Carbide Corp. for the active ingredient 1-naphthyl-N-Methylcarbamate.

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or swallowed. Avoid breathing spray mist. Do not take internally. Avoid contact with skin and eyes.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes, flush eyes with plenty of water. Call a physician immediately.

If inhaled, remove victim to fresh air. Apply artificial respiration, if indicated.

If on skin, remove contaminated clothing and wash affected areas with soap and water.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, opiates or cholinesterase inhibiting drugs.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS.

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.

DIRECTIONS FOR USE

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

See attachment for full directions for use.

STORAGE AND DISPOSAL

Do not reuse empty bottle. Wrap bottle and put in trash collection.

NOTE: This pesticide is to be sold ONLY in this original unbroken package.

LIMITED WARRANTY: Seller warrants that the product conforms to the description on the container, and is reasonably fit for the purpose stated on the container when used in strict accordance with the directions under normal conditions of use. NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO USE OF THIS PRODUCT CONTRARY TO INSTRUCTIONS, OR UNDER ABNORMAL CONDITIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE TO WARRANTOR AND PURCHASER ASSUMES THE RISK OF ANY SUCH USE.

ANY DAMAGES ARISING FROM A BREACH OF THIS WARRANTY SHALL BE LIMITED TO DIRECT DAMAGES, NOT TO EXCEED THE PURCHASE PRICE OF THE PRODUCT, AND SHALL NOT INCLUDE VALUES.

EPA Reg No 8590-617

EPA Est No 8590-PA-1



AGWAY INC. — CHEMICAL DIVISION
 PO BOX 4033
 SYRACUSE, NY 13221

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AGWAY LIQUID SEVIN 2F

EPA Reg No 8590-617

DIRECTIONS FOR USE

VEGETABLE INSECT CONTROL

Suggested dosages refer to quantities of teaspoons per gallon. Where a dosage range is indicated, use lower rate on young plants; higher rate on mature plants. Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary unless shorter intervals are specified below.

CORN: Use 4 to 8 teaspoons for corn earworm, corn rootworm adults, European corn borer, fall armyworm, flea beetles, Japanese beetle, soy beetles and leafhoppers. For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary for insects attacking silks and ears, apply at 2 to 3 day intervals starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are absolutely essential for effective control. Application of this product to the tassel region of corn during the pollen-shed period will seriously reduce bee populations.

BEANS (Green Beans, Lima Beans, Snap Beans, Cowpeas and Black-eyed Peas): Use 2 teaspoons for Mexican bean beetle, 4 teaspoons for bean leaf beetle, cucumber beetles, flea beetles, Japanese beetle, leafhoppers, velvet bean caterpillar, and western bean cutworm. Use 4 to 6 teaspoons for armyworms, corn earworm, stink bugs and tarnished leaf bug.

ASPARAGUS: Use 4 to 8 teaspoons for asparagus beetle on seedlings or spears. Use 8 to 16 teaspoons for asparagus beetle and Apache cicada on ferns or brush growth in the post-harvest period. Do not apply more often than once every 3 days. Do not apply within 1 day of harvest.

CARROTS, CHINESE CABBAGE, COLLARDS, DANDELION, ENDIVE (ESCAROLE), GARDEN BEETS, HORSE-RADISH, KALE, LETTUCE, MUSTARD GREENS, PARSLEY, PARSNIPS, RADISHES, RUTABAGAS, SALSIFY, SPINACH, SWISS CHARD AND TURNIPS: Use 2 to 4 teaspoons for flea beetles, harlequin bug and leafhoppers. To control six-spotted leafhopper (aster yellows vector) apply 4 to 6 teaspoons in a 5 to 7 day schedule. Use 4 to 8 teaspoons for armyworms, cabbage worms, corn earworm, tarnished plant bug and stink bugs. For optimum control of corn earworm after lettuce heads begin to form, use 8 teaspoons in a 5 to 7 day schedule. Where cabbage looper is the principal problem, use an alternative pesticide that is specifically recommended. For control of small cabbage loopers in commercial plantings after edible portions begin to form use 4 to 8 teaspoons in a 5 to 7 day schedule.

To avoid possible injury on lettuce do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days.

Do not apply within 3 days of harvest of head lettuce, garden beets (roots), horseradish, radishes, parsnips, rutabagas, salsify (roots), and turnips (roots).

Do not apply within 14 days of harvest of chinese cabbage, collards, dandelion, endive (escarole), garden beets (tops), kale, leaf lettuce, mustard greens, parsley, salsify (tops), spinach, Swiss chard and turnips (tops).

No time limitation on carrots.

CUCUMBER, MELONS, PUMPKIN, SQUASH: Use 2 to 4 teaspoons for pickleworm and melonworm, 4 teaspoons for cucumber beetles, flea beetles, leafhoppers and squash bugs.

Avoid excessive applications.

To avoid possible injury on tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days.

GARDEN PEAS: Use 4 teaspoons for leafhoppers, Colorado potato beetle. For Colorado potato beetle control apply to weeds in fields of garden pea to help prevent insect contamination in processed peas. Use 4 to 6 teaspoons for armyworms and grasshoppers.

POTATO, TOMATO, EGGPLANT AND PEPPER: Use 2 to 4 teaspoons for Colorado potato beetle, flea beetles, and leafhoppers. Use 4 to 8 teaspoons for European corn borer, fall armyworm, lace bugs, tomato fruitworm, tomato hornworm, tarnished plant bugs and stink bugs.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER AND KOHLRAB: Use 2 to 4 teaspoons for flea beetles and harlequin bug. Use 4 to 8 teaspoons for armyworms, cabbage worms, and corn earworm. Where cabbage looper is the principal problem, use an alternative pesticide that is specifically recommended. For control of small cabbage loopers in commercial plantings after the edible portions begin to form, use Agway Liquid Sevin in a 5 to 7 day schedule. Do not apply within 3 days of harvest.

ORNAMENTAL INSECT CONTROL

Agway Liquid Sevin 2F at recommended concentrations can be safely used on a wide range of ornamental plants, flowers, shrubs and shade trees including rose, carnation, gladiolus, zinnia, chrysanthemum, lily, arbutus, juniper, hydrangea, azalea, elm, maple, oak, dogwood, birch and pines. Agway Liquid Sevin 2F injures Boston ivy.

Use 4 teaspoons per gallon when insects or their damage appear. Repeat weekly or as needed to control.

apple aphid	mealybug
bagworm	numosa webworm
birch leaf miner	oak leaf miners
blister beetles	orange tortrix
boxelder bug	periodical cicada
boxwood leaf miner	plant bugs
elm leaf aphid	quill caterpillars
elm leaf beetle	psyllids
flea beetles	rose aphid
gypsy moth	rose slug
Japanese beetle	scale insects
June beetles	tent caterpillars
lace bugs	thron bugs
leafhoppers	thrips (exposed)
leaf rollers	willow leaf beetles

LAWN INSECT CONTROL

Use 4 teaspoons per gallon of water for each 5000 square feet of established lawn area for the control of ants, chinch bugs, earwigs, fall armyworm, fleas, leafhoppers, millipedes, mosquitoes, sod webworms (lawn moths).

Use garden hose sprayers or pressure type equipment and apply full water volume to insure good penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat 2 to 3 weeks later if necessary.

ADULT MOSQUITOES

On non-agricultural lands, such as yards, parks, recreation areas, logging camps, military posts and adjacent forested lands or wastelands. Use 4 teaspoons per gallon in suitable low pressure ground equipment. Apply in sufficient spray gallonage to effectively cover areas to be treated. For optimum control apply in early morning or evening when air is calm and adult mosquitoes are active. Use 4 teaspoons per gallon in hand sprayers for treating backyards or other limited areas. Thoroughly cover lower shade tree foliage, shrubby flower beds, grass and shaded areas around buildings where adult mosquitoes congregate. Repeat at 7 to 10 day intervals or as necessary. Agway Liquid Sevin 2F injures Boston ivy.

TREE FRUIT INSECT CONTROL

Recommended dosages refer to quantities of Agway Liquid Sevin 2F per gallon dilute spray. Keep spray mixtures well agitated. Apply for full coverage in normal spray schedules or when insects or their damage appear. Refer to your state recommendations.

APPLES AND PEARS: Use 2 teaspoons for apple mealybug, green apple aphid, Oriental Fruit Moth, codling moth and white apple leafhopper. When heavy aphid infestations are present repeated applications may be necessary for optimum control. Use 4 teaspoons for apple maggot, bagworm, eastern tent caterpillar, European apple sawfly, eye-spotted bud moth, fruit tree leaf roller, green fruitworm, Japanese beetle, pear psylla, periodical cicada, plum curculio, red-banded leaf roller, rosy apple aphid, woolly apple aphid, apple rust mite, pear leaf blister mite, pear rust mite, tarnished plant bug, tentiform leaf miners, peach tree borer, Forbes scale, Lecanium scales, oyster shell scale and San Jose scale. For optimum scale control, apply when crawlers are present. To control rosy apple aphid, apply before leaves are curled.

Application of Agway Liquid Sevin 2F within 30 days after full bloom may also provide apple thinning. To avoid this, delay use until at least 30 days after bloom. May cause foliar injury if used before second cover on York and McIntosh apples. Do not apply within 1 day of harvest of apples and pears.

APPLE THINNING: Many factors influence the degree of apple thinning obtained with Agway Liquid Sevin 2F. These include tree age, variety and nutrition, previous crop, pruning, degree of set, bloom, weather and use of other chemical thinners. When any of these favor reduced fruit set, caution should be observed in applying Sevin 2F so that excessive thinning and possible yield reduction will not occur.

Concentration: Use 1 to 2 teaspoons on easily thinned varieties. Apply for full coverage. On hard to thin varieties use 2 to 4 teaspoons.

Timing: Apply in one spray timed between 10 and 25 days after full bloom. Varietal response. Easily thinned varieties include Cortland, Grimes, Jonathan, McIntosh, Orleans, Romo Beauty, Puntin, Red Delicious, Winesap, and Yellow Newton. Difficult to thin varieties include Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steeple Red, Turkey, Wealthy, Yellow Transparent and York Imperial.

PEACHES, APRICOTS AND NECTARINES: Use 4 teaspoons for codling moth, cucumber beetles, European earwig, Japanese beetle, Pandemis moth, June beetles, lesser peach tree borer, orange tortrix, oriental fruit moth, peach twig borer, periodical cicada, plum curculio, fruit tree leaf roller, red-banded leaf roller, Platynota flavenana, tarnished plant bug, tussock moth, Lecanium scale, San Jose scale and olive scale. For optimum scale control apply when crawlers are present. For lesser peach tree borer control, spray limbs and trunk thoroughly, weekly during moth flight. Do not apply within 1 day of harvest of peaches. Do not apply within 3 days of harvest of apricots and nectarines.

PLUMS, PRUNES AND CHERRIES: Use 4 teaspoons for black cherry aphid, mealy plum aphid, cherry fruit fly, cherry fruitworm, eye-spotted bud moth, fruit tree leaf roller, red-banded leaf roller, Japanese beetle, lesser peach tree borer, peach twig borer, plum curculio, prune leafhopper, brown soft scale, Forbes scale, Lecanium scale, oyster shell scale and San Jose scale. For optimum scale control apply when crawlers are present. For lesser peach tree borer control, spray limbs and trunk thoroughly, weekly during moth flight. Use 6 teaspoons for eastern tent caterpillar, codling moth, orange tortrix and tussock moth. Do not apply within 1 day of harvest of these crops.

SMALL FRUIT INSECT CONTROL

Recommended dosages refer to quantities of Agway Liquid Sevin 2F per gallon. Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary.

BLUEBERRIES: Use 6 to 8 teaspoons for blueberry maggot, cherry and cranberry fruitworms, European fruit lecanium and Japanese beetle. Apply 3 weeks before harvest and repeat 10 days later or as necessary. A dilute spray of 125 to 150 gallons per acre is suggested.

GRAPES: Use 4 to 8 teaspoons for European fruit lecanium, grape leaf folder, grape leafhoppers, and grape leaf skeletonizer. Apply just before first brood leaf folder larvae emerge from rolls and as needed for leafhoppers. Use 8 teaspoons for grape berry moth, Japanese beetle, June beetles and red-banded leaf roller. A dilute spray of 200 gallons per acre is suggested. Do not apply within 1 day of harvest.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGAN-BERRIES, AND RASPBERRIES: Use 8 teaspoons for Japanese beetle, leaf rollers, leafhoppers and raspberry aphid. A dilute spray of 100 to 200 gallons per acre is suggested. Do not apply within 7 days of harvest of these crops.