

CLEAN CROP®

CAUTION:

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED OR INHALED. Avoid breathing of spray. Do not take internally. Avoid contact with skin and eyes. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

AVOID CONTAMINATION OF FOOD, FEED, WATER SUPPLIES, STREAMS AND PONDS DURING APPLICATION OR WHEN CLEANING EQUIPMENT.

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

NOT TO BE STORED IN AREAS WHERE TEMPERATURES FREQUENTLY EXCEED 100° F.

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.

Do Not Use when value of Bees as pollinators is more important than insect control. Before applying, warn beekeepers to locate hives beyond bee flight range until one week after application or to take other equally effective precautions.

GENERAL CAUTIONS

Physical compatibility of SEVIMOL with other pesticides is not fully known. Incompatible mixtures curdle or precipitate and may injure crops or reduce control. Compatibility can be affected by water in your locality, various surfactants and other formulation ingredients. Do not apply if physically incompatible.

Do not mix SEVIMOL with nutrients or adjuvants or other pesticides unless your experience indicates that the mixture is safe and effective. If uncertain, prepare a small amount of the mixture and test on a representative portion of the crop.

Unstable under highly alkaline conditions. Not effective if used with alkaline materials such as bordeaux, lime sulfur and urea lime spreaders.

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

DIRECTIONS FOR EQUIPMENT CARE, SPRAY PREPARATION AND CONTAINER DISPOSAL.

EQUIPMENT CARE

Flush entire spray system with clear water to remove all traces before using SEVIMOL. DO NOT FLUSH WITH KEROSENE OR DIESEL FUEL. Use 30 mg of kerosene per gallon of water. No other oil or petroleum products should be used. Apply only to clean equipment. After spraying, flush tank and lines with clear water.

SPRAY PREPARATION

SEVIMOL may be applied as a spray or as a dust. For spray, mix with water to form a uniform suspension.

Add water to spray mixture with care. Do not add water to SEVIMOL. Before spraying, agitate mixture thoroughly. Do not add water to SEVIMOL. Do not add SEVIMOL to water.

in equal volume of water and mixed thoroughly before an other pesticide is added. (SEE GENERAL CAUTIONS)

Reconstitute spray mixtures at frequent intervals after mixing to maintain a uniform suspension.

Mix only as much spray as can be applied on day of mixing.

STORAGE OF UNUSED MATERIAL AND CONTAINER DISPOSAL

Store unused SEVIMOL in original container only, in cool, dry area out of reach of children and animals.

Do not reuse empty container. Destroy by burying with waste or burning. Stay away from smoke or fumes.

WARRANTY

Balcom Chemicals, Inc. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as for example incompatibility with other products, the manner of its use or application, or the presence of other products or materials in or on the soil or crop. Balcom Chemicals, Inc. makes no other express or implied warranty of fitness or merchantability. The exclusive remedy of the user or buyer, and the limit of the liability of Balcom Chemicals, Inc. or any other seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of the product involved. The buyer and all users are deemed to have accepted the terms of this notice, which may not be varied by any verbal or written agreement.

COTTON INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL per acre. Molasses in formulation intended for improved bollworm control.

Use ½ to 1 quart for early season thrips, flea beetles, cotton flea-hopper, striped blister beetle and cotton leafworm.

Use 1 to 2 quarts, depending on the size of the cotton and insect population level, for mid- and late season boll weevil, bollworms, fall armyworm, cotton leaf perforator, leaf rollers, leafhoppers, and tarnished plant bug. Also for light to moderate infestations of Lygus bug in Western irrigated cotton. Applications should be made every 5 to 7 days as long as control is necessary.

Use 1½ to 2½ quarts for pink bollworm on a 5 to 7 day schedule depending on the size of the cotton and degree of infestation.

Use 2 quarts for stink bug and salt-marsh caterpillar.

Use ½ to 1½ quarts for grasshoppers. The highest dosage should be used when grasshoppers are mature or material is applied on partly defoliated plants.

Aphid populations will be suppressed by repeated application of this insecticide. SEVIMOL does not control spider mites. Where infestations are encountered use a recommended miticide.

To avoid staining lint, do not use SEVIMOL after bolls open.

FORAGE AND FIELD CROP INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL per acre. Apply when insects or their damage appear and repeat 7 to 14 days later if necessary. Apply sufficient gallonage to obtain full coverage but not less than one gallon of finished spray per acre. See specific directions below for grasshopper control.

ALFALFA AND SOYBEANS

Recommended dosages refer to quarts of SEVIMOL per acre.

Use ½ to 1 quart for blister beetle and Mexican bean beetle.

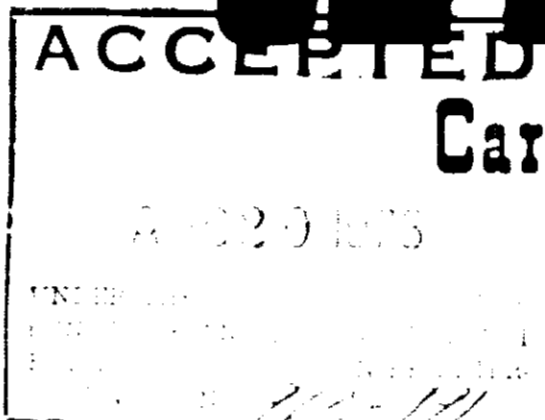
Use 1 quart for alfalfa caterpillar, bean leaf beetle, cucumber beetle, green cloverworm, Japanese beetle, leafhoppers, three-cornered alfalfa hopper, thrips and velvet bean caterpillar.

Use 1 to 1½ quarts for armyworms, corn earworm (bollworm), stink bugs, and webworms.

SEVIMOL 4

Carbaryl Insecticide

Caution



KEEP OUT OF REACH OF CHILDREN

See Side Panels For Additional Precautions.

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl methyl-carbamate)

BY WEIGHT:

40.38%

INERT INGREDIENTS:

59.62%

100.00%

CONTAINS 4 POUNDS CARBARYL PER GALLON

SEVIMOL is the trade mark of Union Carbide Corporation for an insecticide containing SEVIN carbaryl and molasses.

U. S. Pat. Nos. 2,903,478 and 3,009,855

NET CONTENTS _____ GALLONS

Use 1½ quarts for control of alfalfa weevil larvae in alfalfa. If pre-treatment damage is extensive, cut the alfalfa to stubble.

Use 1½ quarts for cutworm control on alfalfa.

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

WARNING! Do not apply a combination of SEVI 2, 4-DB herbicide (such as "Butyrac" 175 or "Butox" to soybeans.

SORGHUMS

(Including MILO AND GRAIN SORGHUM)

Use 1 to 2 quarts for armyworms, corn earworm, and webworms. Use 1½ quarts for sorghum midge and western corn borer. Use 2 quarts for cutworm control on grain sorghum, direct on the forming heads. Treat for sorghum midge 3 to 4 days before heads have emerged from boot.

Do not apply within 21 days of harvest of grain. Limitation on sorghums used for forage.

SUGAR BEETS

Use 1 to 2 quarts for armyworms, leafhoppers and webworms.

Do not apply within 14 days of harvest.

Apply ½ to 1½ quarts as often as necessary to control hoppers on the above forage crops. Follow pre-harvest grazing use limitations listed for each of the above. A ½ to 1 quart rate is suggested for nymphs on small sparse vegetation in wasteland, rangeland, ditch borders.

A 1 to 1½ quart dosage should be used when grasshoppers are mature or material is applied to crops requiring coverage.

TOBACCO INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL per acre.

SPECIAL INSTRUCTIONS: When using conventional equipment, dilute with water and use 25-40 gallons of spray per acre. Apply for full coverage.

Use 1 to 2 quarts for budworm, flea beetle, Japanese beetle and hornworm. Use lower rate on young plants up to knee high; higher rate for mature plants. Beams when worms are small. Avoid excessive application bud as injury may result.

Treated fields may be entered immediately after harvest.

If late applications are necessary, allow 3 days before cutting.

SMALL FRUIT INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL per acre. Use sufficient spray gallonage to obtain full coverage. Apply when insect damage appears. Repeat at 7 to 10 day intervals or as needed.

CRANBERRIES

Use 2 quarts for cutworms, fireworms, fruitworm beetle and leafhoppers. Apply in late bloom and as soon as possible thereafter. A dilute spray of 300 gallons per acre is suggested.

Do not apply within 1 day of harvest.

STRAWBERRIES

Use 1 to 2 quarts for strawberry leaf roller. A dilute spray of 100 to 200 gallons per acre is suggested.

Do not apply within 1 day of harvest.

VEGETABLE INSECT CONTROL

Suggested dosages refer to quarts of SEVIMOL per acre. Where a dosage range is indicated, use lower rate on young plants, higher rate on mature plants. Keep spray mixture agitated.

CLEAN CROP®

SEVIMOL 4

Carbaryl Insecticide

Caution

KEEP OUT OF REACH OF CHILDREN
See Side Panels For Additional Precautions.

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl methyl-carbamate) 40.38%

BY WEIGHT:

INERT INGREDIENTS: 59.62%

100.00%

CONTAINS 4 POUNDS CARBARYL PER GALLON

SEVIMOL is the trade mark of Union Carbide Corporation for an insecticide containing SEVIN carbaryl and molasses.

U. S. Pat. Nos. 2,903,478 and 3,009,855

NET CONTENTS _____ GALLONS

EPA Reg. No. 050-101

ACCEPTED
AUG 20 1973
UNION CARBIDE CORPORATION
P.O. BOX 1173
PORTLAND, OREGON 97208

and mixed thoroughly before use. (SEE GENERAL CAUTIONS).
Frequent intervals after mixing.
Can be applied on day of mixing.
USED MATERIAL AND DISPOSAL:
Original container only. Do not use for food and animals.
Destroy by burying with away from smoke or fumes.
WARRANTY
Warrants that this material conforms in the label and is reasonably fit in the directions for use. This is understanding that the buyer is not to be held liable for loss of control of the seller, such as with other products, the manner of presence of other products or crop. Union Carbide Chemicals, Inc. or any other person shall be the purchaser for the quantity of the product and all users are deemed to have notice, which may not be varied by agreement.
INSECT CONTROL
Use 1 to 2 quarts of SEVIMOL per acre for control of improved bollworm, cotton thrips, flea beetles, cotton leafworm and cotton leafhopper.
Use on the size of the cotton and mid- and late-season boll weevil, leaf miner, leaf perforator, leaf rollers, leaf bug. Also for light to medium bug in Western irrigated cotton every 5 to 7 days as long as cotton.
Use for control of bollworm on 1.5 to 7 day size of the cotton and degree of maturity.
Use on sugarcane for control of sugarcane borer and salt-marsh caterpillar.
Use on grasshoppers. The highest dosage for grasshoppers are mature or material is plants.
Use on plants stressed by repeated applications. SEVIMOL does not control spider mites. For control use a recommended miticide.
Use SEVIMOL after bolls open.
CROP INSECT CONTROL
Use 1 to 2 quarts of SEVIMOL per acre for control of insects on crops. Repeat 7 to 10 day intervals if damage appear and repeat 7 to 10 day intervals if damage appear. Apply sufficient gallonage to obtain full coverage. Use one gallon of finished spray per acre for grasshopper control.
CORN AND SOYBEANS
Use 1 to 2 quarts of SEVIMOL per acre for control of insects on corn and soybeans.
Use for control of European corn borer, fall armyworm, Japanese beetle, sap beetle and leafhoppers. Use 2 quarts for Western bean cutworm. For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at least every 2 or 3 days 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 SEVIMOL to the tassel region of corn during the pollen shed period will seriously reduce bee populations.
Use 2 quarts in at least 15 gallons of water for cutworm control. Spray in 12" band over corn row.
BEANS
(Green beans, lima beans, snap beans, cowpeas and black-eyed peas)
Use 1/2 quart for Mexican bean beetle.
Use 1 quart for bean leaf beetle, cucumber beetles, flea beetles, Japanese beetle, leafhoppers, velvet bean caterpillar and Western bean cutworm.
Use 1 to 1 1/2 quarts for armyworms, cutworms, corn earworm, stink bugs and tarnished plant bug.
In California, use 2 quarts for corn earworm, lima bean pod borer, Lygus and stink bugs.
POTATO, TOMATO AND PEPPER
Use 1/2 to 1 quart for Colorado potato beetle, flea beetles and leafhoppers. Use 1 to 2 quarts for European corn borer, fall armyworm, lace bugs, tomato fruitworm, tomato hornworm, tarnished plant bugs and stink bugs. Use 2 quarts for cutworm control.
GRASSHOPPERS
Apply 1/2 to 1 1/2 quarts as often as necessary to control grasshoppers on the above vegetable crops.
SHADE TREE AND ORNAMENTAL INSECT CONTROL
Use 1 quart per 100 gallons of water (1 tablespoonful per gallon) when insects or their damage appears. Repeat weekly or as needed.
Use 1 to 2 quarts per 100 gallons for control of eriophyid mites. In dilute applications the addition of an emulsifiable horticultural oil may enhance the control of eriophyid mites. Carbaryl injures Boston ivy and Virginia creeper.
Use on herbaceous and annual plants (carnation, chrysanthemum, gladiolus, iris, peony, zinnia, etc.) to control:
Aphid beetle, June beetle, mealy bug
boxelder bug, lace bug, plant bug
flea beetle, leafhopper, psyllid
Japanese beetle, leafroller, rose aphid
thrips (exposed)
Use on shrubs, trees and woody plants (ash arborvitae, azalea, barberry, beech, birch, boxwood, catalpa, cedar, cypress, dogwood, elm, euonymus, ginkgo, hackberry, hawthorn, holly, honeysuckle, hydrangea, juniper, lilac, magnolia, maple, oak, pine, redbud, rose, tulip tree, etc.) to control:
Apple aphid, leafroller, mealy bug
bagworm, oak leaf miner
birch leaf miner, orange striped sawfly
boxelder bug, orange tortrix
boxwood leaf miner, periodical cicada
cankercup, pine sawfly
catalpa sphinx, puss caterpillar
cottony spruce gall aphid, plant bug
Eastern spruce gall aphid, rose aphid
elm leaf aphid, rose slug
elm leaf beetle, rose slug
elm spanworm, sawfly insects
eriophyid mites, spruce needle miner
gypsy moth, tent caterpillar
Japanese beetle, thorn bug
lace bugs, thrips (exposed)
leafhopper, wasps
yellow leaf beetle, yellow poplar weevil

Use 1 1/2 quarts for control of alfalfa weevil larvae in the spring. If pretreatment damage is extensive, cut the alfalfa and apply to stubble.

Use 1 1/2 quarts for cutworm control on alfalfa. To avoid possible injury to tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days.

WARNING! Do not apply a combination of SEVIMOL and 2,4-DB herbicide (such as "Butyrac" 175 or "Butoxone" SB) to soybeans.

SORGHUMS
(Including MILO AND GRAIN SORGHUM)

Use 1 to 2 quarts for armyworms, corn earworm, stink bug and webworms. Use 1 1/2 quarts for sorghum midge and Southwestern corn borer. Use 2 quarts for cutworm control. For optimum insect control on grain sorghum, direct spray into the forming heads. Treat for sorghum midge 3 to 4 days after heads have emerged from boot.

Do not apply within 21 days of harvest of grain. No time limitation on sorghums used for forage.

SUGAR BEETS

Use 1 to 2 quarts for armyworms, leafhoppers and webworms. Do not apply within 14 days of harvest.

Apply 1/2 to 1 1/2 quarts as often as necessary to control grasshoppers on the above forage crops. Follow pre-harvest grazing use limitations listed for each of the above crops. A 1/2 to 1 quart rate is suggested for nymphs on small plants or sparse vegetation in pastures, cropland, ditchbanks and borders.

A 1 to 1 1/2 quart dosage should be used when grasshoppers are mature or material is applied to crops requiring greater coverage.

TOBACCO INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL 4 per acre.

SPECIAL INSTRUCTIONS: When using conventional ground equipment, dilute with water and use 25-40 gallons of finished spray per acre. Apply for full coverage.

Use 1 to 2 quarts for budworm, flea beetle, Japanese beetle, June beetle and hornworm. Use lower rate on young plants up to knee high; higher rate for mature plants. Begin treatments when worms are small. Avoid excessive application to plant bud as injury may result.

Treated fields may be entered immediately after foliage has dried.

If late applications are necessary, allow 3 days before pruning or cutting.

SMALL FRUIT INSECT CONTROL

Recommended dosages refer to quarts of SEVIMOL per acre. 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 if necessary.

CRANBERRIES

Use 2 quarts for cutworms, fireworms, fruitworms, Japanese beetle and leafhoppers. Apply in late bloom and as needed at 7 to 10 day intervals. A dilute spray of 300 gallons per acre is suggested.

Do not apply within 1 day of harvest.

STRAWBERRIES

Use 1 to 2 quarts for strawberry leaf roller. A dilute spray of 100 to 200 gallons per acre is suggested.

Do not apply within 1 day of harvest.

VEGETABLE INSECT CONTROL

Suggested dosages refer to quarts of SEVIMOL per acre. Where a dosage range is indicated, use lower rate on young plants, higher rate on mature plants. Keep spray mixtures well agitated.

Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary, unless shorter interval is specified below. Apply sufficient gallonage to obtain full coverage but not less than one gallon of finished spray per acre. See specific directions below for grasshopper control.

CORN

Use 1 1/2 quarts for corn earworm, corn rootworm adults, grasshoppers, European corn borer, Southwestern corn borer, fall armyworm, flea beetles, Japanese beetle, sap beetle and leafhoppers. Use 2 quarts for Western bean cutworm. For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at least every 2 or 3 days 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 SEVIMOL to the tassel region of corn during the pollen shed period will seriously reduce bee populations. Use 2 quarts in at least 15 gallons of water for cutworm control. Spray in 12" band over corn row.

BEANS

(Green beans, lima beans, snap beans, cowpeas and black-eyed peas)

Use 1/2 quart for Mexican bean beetle. Use 1 quart for bean leaf beetle, cucumber beetles, flea beetles, Japanese beetle, leafhoppers, velvet bean caterpillar and Western bean cutworm.

Use 1 to 1 1/2 quarts for armyworms, cutworms, corn earworm, stink bugs and tarnished plant bug. In California, use 2 quarts for corn earworm, lima bean pod borer, Lygus and stink bugs.

POTATO, TOMATO AND PEPPER

Use 1/2 to 1 quart for Colorado potato beetle, flea beetles and leafhoppers. Use 1 to 2 quarts for European corn borer, fall armyworm, lace bugs, tomato fruitworm, tomato hornworm, tarnished plant bugs and stink bugs. Use 2 quarts for cutworm control.

GRASSHOPPERS

Apply 1/2 to 1 1/2 quarts as often as necessary to control grasshoppers on the above vegetable crops.

SHADE TREE AND ORNAMENTAL INSECT CONTROL

Use 1 quart per 100 gallons of water (1 tablespoonful per gallon) when insects or their damage appears. Repeat weekly or as needed.

Use 1 to 2 quarts per 100 gallons for control of eriophyid mites. In dilute applications the addition of an emulsifiable horticultural oil may enhance the control of eriophyid mites. Carbaryl injures Boston ivy and Virginia creeper.

Use on herbaceous and annual plants (carnation, chrysanthemum, gladiolus, iris, peony, zinnia, etc.) to control:

Aphid beetle	June beetle	mealy bug
boxelder bug	lace bug	plant bug
flea beetle	leafhopper	psyllid
Japanese beetle	leafroller	rose aphid
	thrips (exposed)	

Use on shrubs, trees and woody plants (ash arborvitae, azalea, barberry, beech, birch, boxwood, catalpa, cedar, cypress, dogwood, elm, euonymus, ginkgo, hackberry, hawthorn, holly, honeysuckle, hydrangea, juniper, lilac, magnolia, maple, oak, pine, redbud, rose, tulip tree, etc.) to control:

Apple aphid	leafroller	mealy bug
bagworm	oak leaf miner	
birch leaf miner	orange striped sawfly	
boxelder bug	orange tortrix	
boxwood leaf miner	periodical cicada	
cankercup	pine sawfly	
catalpa sphinx	puss caterpillar	
cottony spruce gall aphid	plant bug	
Eastern spruce gall aphid	rose aphid	
elm leaf aphid	rose slug	
elm leaf beetle	sawfly insects	
elm spanworm	spruce needle miner	
eriophyid mites	tent caterpillar	
gypsy moth	thorn bug	
Japanese beetle	thrips (exposed)	
lace bugs	wasps	
leafhopper	yellow leaf beetle	
	yellow poplar weevil	

AUG 14 1973
Porter, R. J. 1403
Division 17A