



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 13 1994

Christina M. Lawes
ROUSSEL UCLAF CORP.
95 Chestnut Ridge Road
Montvale, NJ 07645416

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submissions of 11/08/93 in Response to PR Notice 93-7
EPA Reg. No.: SEE ATTACHED 10370-185

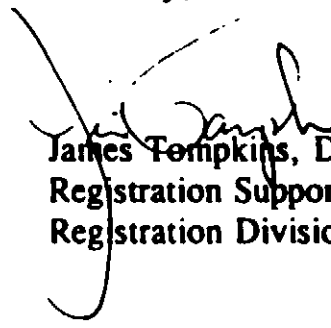
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 one the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements), the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures

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Recycled/Recyclable
Printed with SoyCanada Ink on paper that
contains at least 50% recycled fiber

ROUSSEL UCLAF CORP.
10370 11/08/93

Original Submissions

FORD'S LIQUID SEVIN 2L BRAND CARBARYL INSECTICIDE - 10370-32
FORD'S DURSBAN 2.5% G - 10370-54
FORD'S 50% MALATHION EC - 10370-147
FORD'S CRABGRASS AND FOXTAIL KILLER - 10370-169
LAWN FUNGICIDE GRANULES - 10370-202
ORGANICIDE DIP - 10370-207
CLEAN CROP SEVIN BRAND CARBARYL INSECTICIDE LIQUID - 10370-285

SEVIN 11.7% LIQUID

Brand Carbaryl Insecticide

FOR USE ON FLOWERS, VEGETABLES, [FRUITS] LAWNS, SHRUBS, & ORNAMENTALS
For control of Aphids, Bagworms, [Flea] Gypsy Moth Larvae, Japanese Beetle, [Mosquitoes],
Tent Caterpillars, Tomato Hornworm, [Sod Webworms] and Other Insects As Listed

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-Methylcarbamate)11.7%

INERT INGREDIENTS:88.3%

Contains 1/2 pound Carbaryl per pint. TOTAL 100.0%

SEVIN is a Reg. T.M. of Union Carbide Corporation for Carbaryl Insecticide.

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 10370-285 EPA EST. NO. _____

NET CONTENTS

See Side Panel For Additional Precautionary Statements.
[One pint makes up to 128 gallons of spray mixture.]

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Give victim 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. If irritation persists get medical attention.

IF ON SKIN: Remove contaminated clothing and wash skin with soap and water.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

BEE CAUTION: This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

ROUSSEL UCLAF



Rousell Uclaf Corporation
95 Chestnut Ridge Road
Montvale, New Jersey 07645

BEST COPY AVAILABLE

ACCEPTED
with COMMENTS
In EPA Letter Dated

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide Do not store below 40°F (4°C) or above 120°F (50°C).
10370-285

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Protect from freezing. Store in original container only, out of reach of children and preferably in a locked storage area. Keep container tightly closed when not in use. Store in a cool, dry place. Do not use food or drink containers for mixing or storage. Avoid contamination of food or feed.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

Not for use on plants being grown for sale or other commercial use or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Directions applicable to use with a conventional sprayer only are enclosed within brackets [].

If a conventional sprayer is used, apply specified dosage (tablespoons) of this product per 1 gallon of water. Keep spray mixture well agitated.

If a hose end sprayer nozzle is used, shake container well before using. See "How to Use Sprayer" on pages 12 to 15.

Begin applications when insects or their damage first appear. Repeat applications as necessary, unless a specific spray interval is indicated.

[If a range of dosage rates is given, use the lower rate on young plants and to control early instars. Use the higher rate on mature plants, advanced instars and adults.]

APPLES, PEARS: For the control of Bagworms, Codling Moth, Fruit Tree and Red Banded Leaf Roller, Green Apple Aphid, and Plum Curculio. Use 2 1/2 Tbsp. per 1 gallon of water. On NON-BEARING TREES, apply 7 to 10 days after full leaf stage and repeat at 2 to 3 week intervals. On BEARING TREES, to avoid thinning of fruit, delay use for at least 30 days after bloom. Use at 10 to 14 day intervals. Do not apply within 1 day of harvest.

[FRUIT REDUCTION ON ORNAMENTAL TREES: When fruit production is not desired on Apple trees or Crataegus spp. (crabapples), use 5 Tbsp. per 1 gallon of water and direct spray particularly to the blossoms, at a time between 10 and 15 days

after full bloom. Make one application. Complete fruit drop should not be expected.]

APRICOTS, NECTARINES, PEACHES, PLUMS: For the control of Apple Pandemics, Black Cherry Aphid, Brown Soft Scale, Cherry Fruitworm, Cucumber Beetles, European Earwig, Eye-Spotted Bud Moth, Forbes Scale, Fruittree Leafroller, Japanese Beetle, June Beetles, Lecanium Scales, Lesser Peachtree Borer, Mealy Plum Aphid, Olive Scale, Oriental Fruit Moth, Oystershell Scale, Peach Twig Borer, Periodical Cicada, Prune Leafhopper, Redbanded Leafroller, San Jose Scale, Tarnished Plant Bug, and Variegated leafroller [use 2½ Tbsp. per 1 gallon of water.] To control Codling Moth, Eastern Tent Caterpillar, Orange Tortrix and Tussock Moth, [use 2 to 2½ Tbsp. per 1 gallon of water.] For optimum scale control, apply when crawlers are present. For Lesser Peachtree Borer control, spray limbs and tree trunks thoroughly, weekly during moth flight. Do not apply to peaches or plums within 1 day of harvest. Do not apply to apricots or nectarines within 3 days of harvest. ...

BEANS (green, lima, snap, cowpeas, and blackeyed peas): For the control of Bean Leaf Beetle, Cucumber Beetle, Japanese Beetle, Leafhopper, Velvetbean Caterpillar, and Western Bean Cutworm [use 2½ to 5 Tbsp. per 1 gallon of water.] Repeat application at 7 to 10 day intervals, or as necessary. Do not apply to cowpeas within 3 days of harvest. Do not apply to other beans within 1 day of harvest.

BROCCOLI (3), BRUSSELS SPROUTS (3), CABBAGE (3), CARROTS (0), CAULIFLOWER (3), CHINESE CABBAGE (14), COLLARDS (14), DANDELION (14), ENDIVE (14), GARDEN BEETS—Roots (3) and Tops (14), HORSE RADISH (3), KALE (14), KOHLRABI (3), LETTUCE—Head (3) and Leaf (14), MUSTARD GREENS (14), OKRA (0), PARSLEY (14), PARSNIPS (3), RADISHES (3), RUTABAGAS (3), SALSIFY—Roots (3) and Tops (14), SPINACH (14), SWISS CHARD (14), TURNIPS—Roots (3) and Tops (14): For the control of Corn Earworm, Flea Beetles, Harlequin Bug, Imported Cabbage Worm, Leafhopper, Slink Bugs, and Tarnished Plant Bugs [use 2½ to 5 Tbsp. per 1 gallon of water.] Repeat application at 7 to 10 day intervals, or as necessary. Observe the days interval between last application and harvest indicated in () following crops. To avoid possible injury to lettuce and vining crop, do not apply when foliage is wet or when rain or excessive humidity is expected within the next 2 days.

CANEBERRIES (blackberries, boysenberries, dewberries, loganberries, raspberries): For the control of European Raspberry Aphid, Japanese Beetle, Leafhoppers, Leafrollers, Rose Chalcid, and Snowy Tree Cricket [use 2½ to 5 Tbsp. per 1 gallon of water.] Apply before first brood leafroller larvae emerge from rolls. Do not apply within 7 days of harvest.

CITRUS (citrus citron, grapefruit, kumquats, lemons, limes, oranges, tangerines, tangelos, and hybrids): For the control of Avocado Leafroller, California Orangedog, Citrus Cutworm, Citrus Root Weevil, Fruittree Leafroller, Orange Tortrix, Western Tussock Moth, West Indian Sugarcane Borer (adults), and Scale Insects (Black, Brown Soft, California Red, Citricola, Citrus Snow, and Yellow) [use 2½ Tbsp. per 1 gallon of water.] Do not apply less than 10 gallons of dilute spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus. Do not apply within 5 days of harvest.

CORN: For the control of Corn Earworms, European Corn Borer, Fall Armyworms, Fleabeetles, Japanese Beetle and Leafhopper use 2½ to 5 Tbsp. per 1 gallon of water. NOTE: Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee population.

For control of European Corn Borer apply thoroughly into whorls when plants are about knee high. Repeat at weekly intervals until tassels emerge. For control of Corn Earworm, apply to silks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Re-apply immediately after a rain. May be applied up to day of harvest.

CUCUMBERS, MELONS, PUMPKINS, SQUASH: For the control of Cucumber Beetles, Flea Beetles, Leafhoppers, Melonworms, Pickleworms, and Squash Bugs [use 2½ Tbsp. per 1 gallon of water.] Apply at 7 to 10 day intervals, or as necessary. May be applied up to day of harvest.

EGGPLANT, PEAS, PEPPERS, POTATO, TOMATOES: For the control of Colorado Potato Beetle, European Corn Borer larvae, Flea Beetles, Leafhoppers, Tomato Fruit Worm, Tomato Hornworm, and Tomato Pinworm [use 2½ Tbsp. per 1 gallon of water.] May be applied up to day of harvest.

GRAPES: For the control of European Fruit Lecanium, Grape Leafroller, Grape Leafhopper, Western Grapeleaf Skeletonizer, and Western Yellowstriped Armyworm, [use 2½ to 5 Tbsp. per 1 gallon of water.] Apply before first brood leafroller larvae emerge from rolls [For the control of

Cutworms, Eight Spotted Forester, Grape Berry Moth, Japanese Beetle, June Beetles, Orange Tortrix, Omnivorous Leafroller, Red-banded Leafroller, and Saltmarsh Caterpillar, use 5 Tbsp. per 1 gallon of water. Apply before first brood leafroller larvae emerge from rolls. ~~May be applied up to day of harvest.~~ *Do not apply within 7 days of harvest.*

SHADE TREES AND ORNAMENTALS: For dilute spray applications to shade trees, ornamentals (including roses, flowers, and other herbaceous plants), woody plants and shrubs. [use 2 1/2 Tbsp. per 1 gallon of water] to control: Ants, Apple Aphid, Armyworm, Azalea Leafminer, Bagworms, Birch Leafminer, Blister Beetle, Boxelder Bug, Boxwood Leafminer, Browntail Moth, Cankerworms, Catalpa Sphinx, Chiggers, Cooley Spruce Gall Aphid, Cutworms, Cypress Tip Moth, Douglas Fir Tussock Moth, Eastern Spruce Gall Aphid, Elm Leaf Aphid, Elm Leaf Beetle, Elm Spanworm, Eriophyid Mites, European Pine Shoot Moth, Fall Armyworm, Flea Beetles, Fuller: Rose Beetle, Gall Midges, Gall Wasps, Green Striped Mapleworm, Grasshoppers, Gypsy Moth, Hackberry Nipplegall Maker, Holly Budmoth, Holly Leafminer, Jackpine Budworm, Japanese Beetle, Jeffrey Pine Needleminer, June Beetles, Lace bugs, Leafhoppers, Leafroller, Locust Borer, Maple leafcutter.

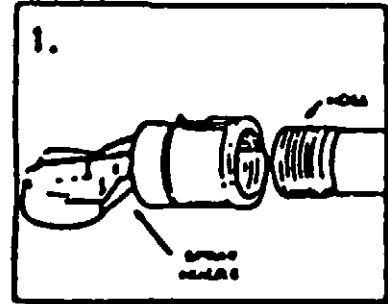
Mealy Bugs, Mimosa Webworm, Nantucket Pine Tip Moth, Oak Leafminers, Oak Leaf Skeletonizer, Oakworm Complex, Oleander Caterpillar, Olive Ash Borer, Orange Striped Oakworm, Orange Tortrix, Periodical Cicada, Pine Sawfly, Pine Spittlebug, Pitch Pine Tip Moth, Poinsettia Hornworm, Psyllids, Puss Caterpillar, Redhumped Oakworm, Rose Aphid, Rose Chaler, Roseslug, Saddled Prominent, Sawflies (exposed), Scale Insects, Sowbugs, Spiny Elm Caterpillar, Springtails, Spruce Budworm, Spruce Needleminer, Subtropical Pine Tip Moth, Tent Caterpillar, Thorn Bug, Thrips (exposed), Ticks, Walnut Caterpillar, Webworms, Western Hemlock Looper, Western Spruce Budworm, Willow Leaf Beetles, Yellow Poplar Weevil.

Spray thoroughly to cover both sides of foliage. To control scale insects, treat trunks, stems, and twigs in addition to plant foliage. For optimum worm control, treat when in early instars. Addition of a sticker may improve residual control. Do not use on Boston Ivy, Virginia creeper, and maidenhair fern. During early season, this product may injure Virginia and Sand Pines.

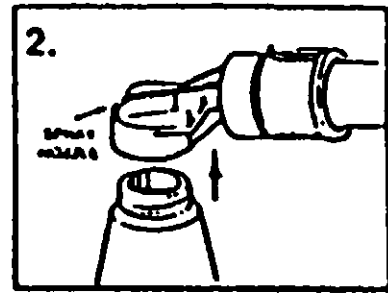
[LAWN INSECT CONTROL: Use ONE PINT IN 10 TO 15 GALLONS OF WATER to cover 500 sq. ft. of lawn surface. Use a suitable pressure type sprayer for control of Sod Webworm, Chinch Bugs, Ants, Earwigs, Fall Armyworms, Fleas, Leafhoppers, Millepedes, Mosquito, and Brown Dog Tick. For best result mow lawn first, remove thatch, and apply after watering or rain. Insure good penetration of turf. Repeat as necessary. For Sod Webworms apply May 15th and repeat at 30 day intervals through August.]

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.

HOW TO USE SPRAYER

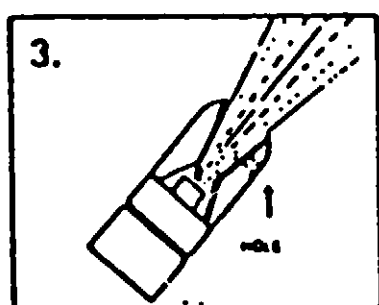


1.
Connect spray nozzle to hose. Nut/washer should be checked for proper position. Spray pattern can be tested (without discharging product) by not placing finger over hole on right side of nozzle.

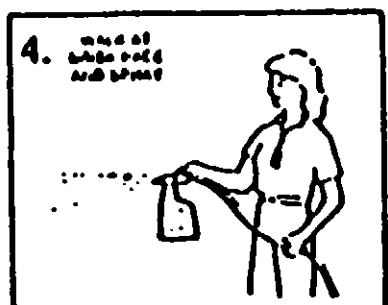


2.
Remove bottle cap and screw bottle into nozzle (leave bottle cap for storage after use). Check siphon tube for proper position. Do not squeeze bottle while attaching nozzle, or during application as contents may discharge.

To store unused product: Turn off water supply at tap. Remove bottle from sprayer and replace original bottle cap. Remove nozzle from hose and rinse in clear water.



3.
Hold sprayer attached to hose in one hand and turn on the water at the tap. Clear water will discharge when water is turned on at tap. Let clear water run until all air is discharged from hose. When ready to treat, place finger over hole on right side of nozzle and the product will mix automatically at the proper ratio. To stop flow of product, remove finger from hole to break siphon action.



4.
While holding sprayer at waist level, point in direction away from face and body. Walk back and forth at a brisk, steady pace. Overlap slightly for uniform coverage. Mark on right side panel indicate amount of product used. For certain areas, it may be more convenient to stand still and direct spray across treated area in a broad sweeping motion. Hold sprayer at waist level, point in direction away from face and body. Direct spray across area being treated in a broad sweeping motion. Spray thoroughly to cover both sides of lobes, fun and stems.

NOTE:

Read and follow directions and cautions for each product.

Do not interchange nozzles from one product to another.