

GENERAL INFORMATION

A new development in oil SUPERIOR NU OIL #70 is 70 sec. viscosity and has proven to be less phytotoxic to trees, making it safer to use than oils of a higher viscosity.

DEFINITIONS: **Dormant:** Spray before buds swell; **Green Tip:** Spray when leaves of blossom buds are bursting and show $\frac{1}{8}$ " to $\frac{1}{4}$ " of green color; **Delayed Dormant:** Spray when the leaves of the blossom buds show $\frac{1}{4}$ " to $\frac{1}{2}$ " of green color. **For Measuring Small Amounts:** 1 pint per 4 $\frac{1}{2}$ gallons of water is equivalent to 3 gallons per 100 gallons of water; 1 pint per 6 $\frac{1}{2}$ gallons of water is equivalent to 2 gallons per 100 gallons of water.

MIXING DIRECTIONS: Fill sprayer tank $\frac{1}{2}$ full of water and add required amount of oil. Then fill tank with water. This mixture will have a creamy color. Any other compatible pesticides should be added last.

NOTE: Contact State Agricultural Experiment Stations for timing of applications

DIRECTIONS

Dormant, Green Tip and Delayed Dormant Sprays

✓ **APPLES:** For Control of Lecanium Scale, Leaf Roller and Apple Red Bug: Use 3 gallons per 100 gals. of water. Apply in Dormant or Green Tip Stage to all parts of the tree.

For Control of Scurfy Scale: Use 3 gallons per 100 gals. of water. Apply as a Delayed Dormant spray.

For Control of Red Spider Mite Eggs, San Jose Scale, Oyster Shell Scale: Use 2 gals. per 100 gals. of water. Apply as Green Tip or Delayed Dormant spray.

NOTE: Red Mites can be controlled with 1 gal. per 100 gals. of water. Gydox, Cypher, Bordeaux Mixture or Dact. 1 per may be added for scale control.

✓ **PEARS:** For Control of Pear Psylla: Use 2 gals. per 100 gals. of water. Apply as the Dormant spray when bud scales are present.

For Control of Pear Leaf Blister Mite: Use 3 gals. per 100 gals. of water. Apply as a Dormant spray.

For Control of Red Mite and Leaf Roller: Use same rate and timing as listed under Apples. **NOTE:** Dormant and Delayed Dormant sprays will tend to suppress or aid in the control of early season Mite population build up. These applications will not completely control mites.

✓ **PEACHES, CHERRIES AND OTHER STONE FRUITS:** For Control of San Jose Scale, Lecanium Scale and Red Mite: Use 2 gals. per 100 gals. of water. Apply as Dormant or Green Tip spray to all parts of the tree.

NOTE: Dormant and Delayed Dormant sprays will tend to suppress or aid in the control of early season Mite population build up. These applications will not completely control mites.

For Control of Terrapin Scale: Use 3 gals. per 100 gals. of water. Apply as Dormant spray.

✓ **BLUEBERRIES:** For Control of Putnam Scale, Terrapin Scale, Oyster, Cottony and Tesselated Scale: Use 3 gals. per 100 gals. of water. Apply as Dormant spray. For Delayed Dormant spraying, use 2 gals. per 100 gals. of water.

CERTAIN SHADE TREES, ORNAMENTALS, SHRUBS AND EVERGREENS, such as Magnolia, Holly, Tulip Trees, Maple, Elm, Catalpa, Oak, Boxwood, Privet, Dogwood, Lilac, Taxus, Pine, Juniper, Arborvitae and Hemlock: Use 3 gals. per 100 gals. on Deciduous plant material. Use 2 gals. per 100 gals. on Evergreens. Apply each Spring after the danger of freezing nights has passed, but before buds have begun to open. Spray on clear days, do not spray late afternoon. Do NOT use oil on Sugar and Japanese Maple, Beech, Hickory, Walnut and Butternut. Oil will injure buds and will remove color from Colorado Blue Spruce.

ENVIRONMENTAL HAZARDS

DIRECTIONS FOR USE

PRODUCT INFORMATION

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FRUIT INSECT CONTROL

[illegible]

Days after bloom. May cause foliage injury. Used for the second time on the 10th of May. Do not apply within 1 day of harvest. PEACH, APRICOT, NECTARINE. Codling moth, cucumber beetle, European earwig, fruit tree leaf roller, Japanese beetle, peach twig borer, penicillid cicada, plum curculio, red-banded leaf roller, scales (lecanium), fruit San Jose, tarnished plant bug. Apply 1 1/2 p.p.t. per 100 gal. water. For cotton scale control, apply when flowers are present. Do not apply within 1 day of harvest on Apricots and Nectarines and within 1 day of harvest on peaches.

PLUM, CHERRY, PRUNE Black cherry aphid, cherry fruit fly, cherry fruit worm, eye-spotted bud moth, fruit type leaf roller, Japanese beetle, peach twig borer, plum curculio, prune leafhopper, red-legged leaf roller, scales, forbes, locust gum scale, San Jose Apple fly, etc. per 100 gal. water. Codling moth, Eastern Tent Caterpillar, Apple tree psyllid, gas water. Locust gum scale control spray when crawlers are present. Control spray within 1 day of harvest. One 1-gal. application sprays c.d. 1 apple more than 550 gallons of finished spray per acre.

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STRAWBERRY Meadow spittlebug, strawberry leaf roller, strawberry weevil. Apply 1 qt. of A.C. Life Spray of I or II per acre.
BLUEBERRY Blueberry insect cherry, and cherry fruitworms; European fruit locust Japanese beetle. Apply 2½ to 3½ qts. per acre.

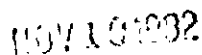
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VEGETABLE MEAT CONDIM.

The following rates are based on a 100% rate of use of all available equipment. In some cases, the rates may be lower than the actual rates due to the use of equipment in other areas. The rates are based on the assumption that the equipment is used for the entire day. The rates are based on the assumption that the equipment is used for the entire day.

EPA Req

If Swallowed: Do not vomit. Induce no further exposure.
If Inhaled: Remove person to fresh air.
If In Eyes: Flush with water for 15 minutes.
NOTE FOR PHYSICIAN:



1-2
13
No

53.68
46 32 3/4

Contains 5 Lbs. Seven Insecticide Per Gallon
Shake Or Stir Well Before Using

EPA Est No 72 PA 1

STATEMENT OF PRACTICAL TREATMENT

If Sealed Envelope is marked "X" on this form, the person submitting this form is certifying that the information is true and correct.

If Initialed Envelope is marked "X" on this form, the person submitting this form is certifying that the information is true and correct.

If In Eyes of the Law is marked "X" on this form, the person submitting this form is certifying that the information is true and correct.

NOTE FOR PHOTOCOPYING: This form is for use by the public. It is not to be used for official purposes.

SEE DISCARD FOR A - 104, PRELIMINARY STATEMENTS.

MILLER CHEMICAL & FERTILIZER CORPORATION

ASPARAGUS: Common Asparagus Beetle: Apply 1 1/2 to 3 1/2 pts. Apply during apply within 1 day of harvest.

BEANS (Green Lima, snap, sowpeas and black eyed peas): Mexican bean bee Japanese beetle, leafhoppers, velvet bean caterpillar, Western bean cutworm: plant bug: Apply 1 1/2 to 2 1/2 pts.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI: Flea worm: Apply 1 1/2 to 3 1/2 pts. Where cabbage looper is the principal problem. For control of small cabbage loopers in home gardens or in commercial p day schedule. Do not apply within 3 days of harvest.

CORN: Corn earworm, corn rootworm adults, European corn borer, fall armyw 1 1/2 to 3 1/2 pts. For larvae in whorl (budworm damage) and foliage tender a and ears. Apply at 2 to 3 day intervals starting when first silks appear, and i be required depending on severity of infestation. Timing and good coverage a the tassel region of corn during the pollen shed period will seriously reduce t

CUCUMBER, MELONS, PUMPKINS, SQUASH: (Summer & Winter) Pickleworm bugs: Apply 1 1/2 pts. Avoid excessive applications. Some leaf injury may occ of prolonged high humidity. Sevin damages watermelons in Florida.

LETTUCE, CARROT: Flea beetle, harlequin bug, leafhoppers: Apply 1 1/2 to 1 1/2 pts. in a 5 to 7 day schedule. Armyworms, corn earworm, spittlebugs, stink b of corn earworm after lettuce heads begin to form. Use 3 1/2 pts. in a 1 use alternative pesticide that is specifically recommended. Do not apply w leaf lettuce.

POTATO, TOMATO, EGGPLANT, PEPPER: Colorado potato beetle, flea beetles, worm, lace bugs, tomato fruitworm, tomato hornworm, stink bugs, tarnished t

TOMATO: To extend the spray interval to 14-21 days, Add 1 pt. of Nufilm 17 I sary to spray, frequently. At this time add Nufilm P at the rate of 4 ozs. per nears vegetative maturity and growth slows, extend a schedule as above. No to

FORAGE, FIELD CROP, AND TUB

Dosage rates are given in pints of Sevin 25-A per acre to be applied in 200 to 400 gallons of water. Repeat 7 to 10 days later if necessary. Use specific directions for the following crops: **ALFALFA, CLOVERS, COWPEAS, PEAS, SOYBEANS:** Blister beetles, Mexican bean beetle, cucumber beetle, green cloverworm, Japanese beetle, thistle beetle, armyworms, corn worms, stink bugs, webworms. Apply 1 to 2 1/2 pints. **ARMYWORMS, CORN WORMS, STINK BUGS, WEBWORMS:** Apply 1 to 2 1/2 pints in the spring. Under severe infestation, repeat 7 to 10 days later. **SEVIN** is also labeled for use in the Eastern United States for **TOBACCO FIELD AND TOBACCO BEDS:** Field Hornworms, Budworms. Flea beetles. In 20 or more gals. of water or 1 1/2 to 3 teaspoons per gallon of water spray top leaves only. Avoid heavy application as plant injury may result. If it is necessary to repeat, repeat 7 to 10 days later. **Hand Spraying:** Use 1 1/2 to 2 pints.

FORACRO BEDS: For Control of June Beetle Grubs: Apply 1/2 pt. per bed (900 lbs/acre) before or after seeding. Apply only to areas where larvae have infested plants. Thatch beds use water in wash excess of 5 in. plants in soil surface.

RICE, FORAGE GRASSES AND PASTURE: Armyworms, stink bugs. Apply high spray pressures may help penetration to roots. Do not apply within 1 and other aquatic life.

SORGHUMS (including **MILK AND GRAIN SORGHUMS**): Armyworms, corn earworm, fall armyworm, grain sorghum, direct spray into the forming heads. Sorghum midges: Apply 1/2 pint per acre after heads have emerged from the husks. A-W 21 days before harvest. **SUGAR REETS**: Army, worm, leafhoppers, webworm. Apply 1/2 to 1 1/2 pints D.D. **GRASSHOPPERS**: Apply 1/2 to 2 1/2 pints as often as necessary to control grasshoppers in the plants or adjacent vegetation on watersheds. 1/2 to 1 1/2 pints and 1/2 to 1 pint of material is applied to crops and adjacent vegetation. For grasshoppers, apply 1/2 to 2 1/2 pints.

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BEST DOCUMENT AVAILABLE

Mr. Charles H. Swac
Miller Chemical & Fertilizer Corporation
P.O. Box 333, Radio Road
Hanover, PA 17331

Dear Mr. Swac:

Subject: Miller Sevin #5 Aqua
EPA Registration No. 72-454
Your Application Dated October 15, 1982

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (2S-767)

Enclosure

RD:ELLENBERGER:LCR-28962:WANG-1100C:CBP:kaven:479-2013:11/01/82