



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
70191-1

Date of Issuance:  
APR 02 1997

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Organica Neem Oil  
Insecticidal Soap  
Concentrate

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Organica, Inc.  
111 Great Neck Road, Suite 320  
Great Neck, New York 11021

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label change before you release the product for shipment:

Revise the EPA Registration Number to read, "EPA Reg. No. 70197-1.

Signature of Approving Official:

William W. Jacobs  
Acting Product Manager 14  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Date:

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Submit one (1) copy of the final printed labeling for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



William W. Jacobs  
Acting Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

col.e.4.02.97.7505C

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# ORGANICA® (Logo)

# Neem Oil Insecticidal Soap Concentrate

For Home &/or Commercial Use

REC'D EPA/OPP/DPD1  
96 AUG 20 A9 26

An alcohol-free formulation of potassium soaps derived from the botanical oils of Indian neem tree seeds.

Use as a spray to contact and kill listed pests on indoor plants, outdoor ornamental plants, flowers, shrubs & trees, and on commercial crops, garden vegetables, fruits & nut trees.

### FOR HOME OR COMMERCIAL USE

ACTIVE INGREDIENT	BY WT.
Potassium Salts of Fatty Acids	... 25.0%
INERT INGREDIENTS	..... 75.0%
TOTAL	..... 100.0%

**Keep out of reach of children.  
DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See side & back panels for additional precautionary statements.

ACCEPTED COMMENTS  
APR 02 1997  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended by the FIFRA Act, registered under EPA Reg. No. 70191-1

NET CONTENTS 16 FL. OZ. \*\*

\*\* Alternative sizes include: 8 FL. OZ., 12 FL. OZ., 16 FL. OZ., 24 FL. OZ., & 32 FL. OZ., 1 GAL., 2.5 GAL., 5 GAL., 20 GAL., 25 GAL., 40 GAL., 50 GAL. & 55 GAL.

## Organica® Neem Oil Insecticidal Soap Concentrate

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS:** Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: goggles or safety glasses, coveralls, waterproof gloves and shoes plus socks.

**NON-AGRICULTURAL USE REQUIREMENTS:** The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides, 40 CFR part 170. The WPS applies when product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

### READ ENTIRE LABEL. USE IN STRICT ACCORDANCE WITH LABEL DIRECTIONS & PRECAUTIONS.

**GENERAL INFORMATION:** This alcohol-free formulation kills mite and insect pests on contact. Target pests include adelgids, aphids, caterpillars, earwigs, lace bugs, leaf hoppers, mealy bugs, plant bugs, plant hoppers, psyllids, scale crawlers, sawfly larvae, spider mites, spittlebugs, thrips, and whiteflies on vegetables, fruits, tree nuts, shrubs, trees, foliage plants and flowers. This product can be applied up to day of harvest.

**MIXING AND APPLICATION:** Shake or stir CONCENTRATE thoroughly before use. Mix Organica® Neem Oil Insecticidal Soap Concentrate with soft water whenever possible. Always use freshly mixed solutions.

**FOR COMMERCIAL APPLICATIONS:** Water with high mineral content may affect solubility of the concentrate. If tank water exceeds 300 ppm (or 17.5 grains) of hardness, treat the water with 8 to 32 fl. oz. of an anionic buffering and conditioning (softening) agent per 100 gallons of spray, then add concentrate to softened water. First, add 8 fl. oz. (½ pint) of conditioning agent per 100 gallons of spray. Then run a preliminary test on a 1 quart sample of the conditioned water by adding 2 tsp of concentrate. If curd, surface scum or excessive cloudiness is observed, add additional conditioning agent to your tank (in 4 fl. oz. increments, up to a limit of 2 pints or 32 fl. oz. per gallon) until concentrate addition to 1 quart samples of the conditioned water produces a uniform, light milky mixture. Use of conditioned water also reduces phytotoxicity, but applicators should test a few sample plants before full scale application whenever sensitivity of plant varieties is unknown.

You may apply Organica® Neem Oil Insecticidal Soap with most types of hand or power sprayers. Be certain that spray tanks, hoses, nozzles and other sprayer parts are thoroughly clean and uncontaminated with other pesticides before use. Read and follow the instructions for the type of sprayer you use.

**FOR COMMERCIAL APPLICATIONS:** A defoaming agent may be required in sprayers equipped with an agitator. Apply on first appearance of listed pests or when they are newly hatched. Repeat every 5 to 7 days, or at time intervals recommended below, if pests persist. Limit to a total of three spray applications, unless accumulating residues are first removed by a thorough rinsing of treated foliage.

**GENERAL USE RESTRICTIONS:** Do not use on new transplants, recently rooted cuttings, drought-stressed plants or sensitive new growth. Never apply while plants are exposed to full sun; spray during early morning or evening hours when the temperature is below 85°C.

Certain plant varieties are more sensitive than others and sensitivity may appear after multiple applications. Test a few inconspicuous leaves of BALD CYPRESS, BEGONIAS, CAMELLIAS, CHRYSANTHEMUMS, CUCURBITS, DELICATE FERNS, EUPHORBIAS, FUCHSIAS, GRAPE, IMPATIENS, IVIES, PALMS, PEPPERS, POINSETTIAS, NARROW LEAF EVERGREENS, SCHEFFLERA AND SUCCULENTS, and flowers of AFRICAN VIOLET, AGERATUM, AZALEA, BEGONIA, CHRYSANTHEMUM, DAHLIA, GERANIUM, IMPATIENS, LILY, MARIGOLD, PANSY, PETUNIA, SALVIA, SNAPDRAGON, VINCA AND ZINNIA for sensitivity before application (or reapplication) to entire plant. If wilting of leaves or flowers occurs within a few hours, rinse test plants with clean water.

Do not use on drought stressed plants or on BLEEDING HEART, CROWN OF THORNS, GARDENIA, HORSE CHESTNUT, JADE PLANT, JAPANESE MAPLE, LANTANA, MOUNTAIN ASH OR SWEETPEAS, or tender new growth of conifers. Use of this product may discolor foliage of spruce or other conifers. Surface marking may result from presence of sooty molds on foliage or fruits of some plants, particularly on citrus and some varieties of pome fruits.

**PROTECT POLLINATING INSECTS:** unless flowers are the target of pest species, avoid spray treatments when plants are in full bloom.

To contact and kill most mite and insect pests, use a fresh spray by dilution of the concentrate. Make up a 1:50 spray dilution (½% of active ingredient) with 1 part of Organica® Neem Oil Insecticidal Soap Concentrate to 50 parts water, or 5 TBS (2.5 oz.) of Concentrate in 1 gallon of water.

***Further directions for product labeled FOR HOME USE only:***

Treat INDOOR PLANTS with the 1:50 spray dilution to contact and kill APHIDS, MEALYBUGS, SCALE CRAWLERS, SPIDER MITES, THRIPS & WHITEFLIES. Make sure spray penetrates through dense foliage to contact pests and wets all infested surfaces. Examine plants for aphids after two days and retreat if aphids are still present. Spray at weekly intervals if other pests are still present. Treat AFRICAN VIOLETS to contact and kill blossom thrips by spraying all surfaces of blossoms. Treat AFRICAN VIOLETS, SUCCULENTS OR CACTUS for contact and kill of ROOT MEALYBUGS by drenching pots of infested plants with a tepid 0.4% solution (1 TBS. concentrate per quart of water).

Treat ORNAMENTAL TREES, SHRUBS & PLANTS in and around the home, or FLOWERS, BEDDING PLANTS & ORNAMENTAL VEGETABLES, grown outdoors or in greenhouses, with the 1:50 spray dilution to contact and kill ADELGIDS, APHIDS, IMPORTED CABBAGE WORMS, CRICKETS, EARWIGS, FLEA BEETLES, GRASSHOPPERS, GREEN STINK BUGS, GYPSY MOTH CATERPILLARS, HARLEQUIN BUGS, JAPANESE BEETLES, LACEBUGS, LEAFHOPPERS, MEALYBUGS, PLANT BUGS, PSYLLIDS, ROSE SLUGS, SAWFLIES, SCALE CRAWLERS, SPIDER MITES, SQUASH BUGS, TENT CATERPILLARS, THRIPS & WHITEFLIES.

Treat FRUIT & NUT TREES OR BERRIES, grown outdoors or in greenhouses, with the 1:50 spray dilution to contact and kill listed pests *up to day of harvest*. Use on ALMOND, BEECHNUT, BUTTERNUT, CASHEW, CHESTNUT, FILBERT, HICKORY NUT, MACADAMIA NUT, PECAN & WALNUT to kill APHIDS & SPIDER MITES; use on GRAPEFRUIT, LEMON, LIME, ORANGE, TANGERINE, TANGELO & OTHER CITRUS HYBRIDS to kill APHIDS, SCALE CRAWLERS & SPIDER MITES; use on APPLE, CRABAPPLE, GUAVA, PEAR & QUINCE to kill ADELGIDS, APHIDS, PEAR PSYLLA, PEAR SLUG, SCALE CRAWLERS, SPIDER MITES, THRIPS & WOOLLY APHIDS; use on APRICOT, CHERRY, NECTARINE, PEACH, PLUM, & PRUNE to kill APHIDS & MITES; use on BLACKBERRY, BLUEBERRY, BOYSENBERRY, CRANBERRY, CURRENT, DEWBERRY, ELDERBERRY, FIG, GOOSEBERRY, GROUNDCHERRY, HUCKLEBERRY, KIWI FRUIT, LOGANBERRY, MULBERRY, PAWPAW, PERSIMMON, PINEAPPLE, RASPBERRY, SERVICEBERRY, STRAWBERRY, SUGAR APPLE & YOUNGBERRY to kill APHIDS & SPIDER MITES; use on GRAPE to kill APHIDS & LEAFHOPPERS; use on exotic fruit such as AVOCADO, BANANA, DATE, GRANADILLA, LOQUAT, MANGO, PAPAYA, PASSION FRUIT, POMEGRANATE, PRICKLYPEAR, SAPODILLA, SAPOTA, SHADDOCK & SOURSOP to kill ADELGIDS, APHIDS, LEAFHOPPERS, MEALYBUGS, PLANT BUGS, PSYLLIDS, SCALE CRAWLERS, SLUGS (SAWFLY LARVAE), SPIDER MITES, STINK BUGS, THRIPS, WOOLY APHIDS & WHITEFLIES.

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Treat GARDEN VEGETABLES, grown outdoors or in greenhouses, with 1:50 spray dilution to contact and kill listed pests up to day of harvest. Use on EGGPLANT, OKRA, PEPPERS & TOMATOES to kill APHIDS, SPIDER MITES & WHITEFLIES; use on BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHARD, CHINESE CABBAGE, COLLARDS, & KALE, to kill APHIDS, CABBAGE LOOPERS, FLEA BEETLES, HARLEQUIN BUGS, IMPORTED CABBAGEWORMS, LEAF BEETLES, LEAFHOPPERS & WHITEFLIES; use on CELERY, LETTUCE, MUSTARD & OTHER GREENS, RADISH, SPINACH & TURNIPS to kill ADELGIDS, APHIDS, CATERPILLARS, FLEA BEETLES, LEAFHOPPERS & SPIDER MITES ; use on CUCUMBER, PUMPKIN, SQUASH & MELONS to kill APHIDS, FLEA BEETLES, LEAF BEETLES, LEAFHOPPERS, SPIDER MITES, SQUASH BUGS & WHITEFLIES; use on BEANS, PEAS & EDIBLE SOYBEANS to kill APHIDS, LEAFHOPPERS, GRASSHOPPERS, GREEN STINK BUGS & SPIDER MITES.

In GREENHOUSES & INDOOR PLANTSCAPES, use 1:50 spray dilution to contact and kill LISTED PESTS as directed above. Use a 0.4% (active) spray solution (2 TBS. of concentrate per gallon of water) for contact and kill of GREENHOUSE WHITEFLY. TREAT UP TO DAY OF HARVEST to kill listed pests on greenhouse or indoor food plants (vegetables, herbs, fruits & nuts

On LAWNS & TURF, use 1:50 spray dilution to contact and kill CHINCH BUGS & MOLE CRICKETS. Apply at rate of 1 quart of spray per 110 sq. ft. (= 1 gallon per 440 sq. ft. or 100 gallons per acre). For best results, thoroughly water (or irrigate) treated turf at rate of 15 gallons of water per 110 sq. ft. (= 60 gallons per 440 sq. ft. or 6,000 gallons per acre) immediately after treatment.

For persistent pest problems, retreat with a fresh spray dilution of Organica® Neem Oil Insecticidal Soap Concentrate at the strength specified above. Apply to contact pest and thoroughly wet both surfaces of infested leaves or branches.

Retreat after 2 or 3 days for continued contact and kill of APHIDS and MEALYBUGS. Spray ADELGIDS, PSYLLIDS and SCALES during periods of peak egg hatch and crawler activity. Spray again after 14 days. For persistent infestations of other listed pests, spray 2 or 3 times (at weekly intervals) until pest control is achieved.

Limit treatments to a total of three spray applications, unless accumulating soap residues are first removed by a thorough rinsing of treated foliage. Some plant varieties become sensitive after first treatment! Test a few leaves before repeat applications to cucurbit & pepper varieties before retreating the entire planting. If leaf or flower wilt occurs within a few hours, rinse test plants with clean water.

Alternative further directions for product labeled FOR COMMERCIAL USE or FOR HOME & COMMERCIAL USE:

WHEN USED IN COMBINATION WITH OTHER PESTICIDES: This product may be tank mixed in combination with other pesticides to increase the pest target spectrum as long as that combination does not result in formation of curd, surface scum or excessive cloudiness. Use of pesticide combinations must conform to the use precautions and direction for use statements of BOTH products. Tank mix at a rate of 1 part of Organica® Neem Oil Insecticidal Soap Concentrate per 100 parts of a solution (mixed at recommended concentration) of the companion pesticide.

Do not use this product in combination with foliar nutrients, spreader-stickers, penetrators, alkaline (cationic) based chelating agents such as EDTA or with pesticides containing sulfur or metallic ions (such as manganese, magnesium, iron, zinc, etc.)

FOR HOME AND/OR COMMERCIAL USE

Treat INDOOR PLANTS with ½ % (active) spray solution (1 part Conc. per 50 parts water, or 2.5 oz. Conc. per gallon of water) to contact and kill APHIDS, MEALYBUGS, MITES, SCALE CRAWLERS, SPIDER MITES, THRIPS & WHITEFLIES. Make sure that spray penetrates through dense foliage to wet all infested surfaces. Examine plants for aphids after two days and respray if aphids are still present. Spray at weekly intervals if other pests are still present. Limit application, however, to three consecutive spray treatments unless treated foliage has been thoroughly rinsed to remove any accumulating product residues. Treat AFRICAN VIOLETS to contact and kill blossom thrips by spraying all surfaces of blossoms. Treat AFRICAN VIOLETS, SUCCULENTS OR CACTUS to contact and kill ROOT MEALYBUGS by drenching pots of infested plants with a tepid 0.4% solution (1 TBS. of concentrate per quart of water).

Treat ORNAMENTAL TREES, SHRUBS & PLANTS, growing outdoors, in greenhouses, in and around the home or in interior plantscapes to contact and kill these insect pests: ADELGIDS, APHIDS, IMPORTED CABBAGE WORMS, CRICKETS, EARWIGS, FLEA BEETLES, GRASSHOPPERS, GREEN STINK BUGS, GYPSY MOTH CATERPILLARS, JAPANESE BEETLES, LACEBUGS, LEAFHOPPERS, MEALYBUGS, MITES, PLANT BUGS, PSYLLIDS, ROSE SLUGS, RUST MITES, SAWFLIES, SCALE CRAWLERS, SPIDER MITES, TENT CATERPILLARS, THRIPS, WHITEFLIES & WOOLLY APHIDS.

To contact and kill SPRUCE WOOLLY APHID, apply 1% (active) spray solution (1 part product per 25 parts water or 5 oz. product per gallon of water) in fall and spring when females start to lay eggs. Do not apply to evergreens during drought or when tender new foliage is present. Check inconspicuous area of foliage for discoloration before application to entire plant.

To contact and kill TENT CATERPILLARS, apply 0.8% (active) spray solution (1 part product per 30 parts water, or 4 oz. per gallon of water) directly to young caterpillars when they congregate on the outside of their tents.

To contact and kill CONIFER & PINE NEEDLE SCALES, apply 0.6% (active) spray solution (1 part product per 40 parts water, or 3 oz. per gallon of water) to thoroughly wet infested evergreen foliage, twigs and branches. Time application for first appearance of scale crawlers. Do not apply to evergreens during drought or when tender new foliage is present. Check inconspicuous area of foliage for discoloration before application to entire plant.

To contact and kill foliage feeders such as CABBAGE WORMS, GYPSY MOTHS and most other CATERPILLARS, FLEA BEETLES, GRASSHOPPERS, JAPANESE BEETLES, STINK BUGS, LACEBUGS, LEAFBUGS, PLANTBUGS & ROSE SLUGS & other SAWFLY LARVAE, apply ½ % spray directly to insect and mite pests whenever present on plants. Thoroughly wet both surfaces of infested leaves and branches. Repeat treatment after 2 or 3 days for continued contact and kill of APHIDS, MEALYBUGS & WHITEFLIES. Use ½ % spray to contact and kill ADELGIDS, PSYLLIDS and most SCALES on trees and shrubs, by spraying to wet bark surfaces during periods of peak egg hatch and crawler activity. Respray after 14 days. To contact and kill HEMLOCK WOOLLY ADELGID, apply ½ % solution to cover all plant surfaces. For heavy infestations or trees with heavy infestation histories, spray four times (during April/May, June, August/September, and October). To contact and kill MITES, including RUST MITES & SPIDER MITES, thoroughly wet underside of leaves and needle sheaths with ½ % spray. Spray blossoms with ½ % spray to contact and kill flower thrips. For contact and kill of GRASSHOPPERS on outdoor plants and CRICKETS & EARWIGS in greenhouses and indoor plantscapes, apply ½ % spray directly on insects while they are feeding on host plants or after disturbing their hiding places.

To contact and kill BALSAM WOOLLY APHIDS, apply 0.3% (active) solution (1 part product per 80 parts water, or 1.5 oz. per gallon water) to thoroughly wet foliage, twigs and branches. Time application for early spring and/or fall, when crawler stages are abundant. Respray after 10 days. Check inconspicuous area of foliage for discoloration before application to entire plant.

Treat FLOWERS, BEDDING PLANTS & ORNAMENTAL VEGETABLES AND PLANTS, growing outdoors, in greenhouses, interior plantscapes, or in and around the home, with ½ % spray solution (1 part product per 50 parts water, or 2.5 oz. product per gallon of water) for contact and kill of these insect pests: ADELGIDS, APHIDS, IMPORTED CABBAGE WORMS, CRICKETS, EARWIGS, GRASSHOPPERS, GREENHOUSE WHITEFLY, GYPSY MOTH CATERPILLARS, LACEBUGS, LEAFHOPPERS, MEALYBUGS, PLANT BUGS, PSYLLIDS, ROSE SLUGS, SAWFLIES, SCALE CRAWLERS, SPIDER MITES, TENT CATERPILLARS, THRIPS AND WHITEFLIES.

Treat LAWNS, GOLF COURSES, TURF & OTHER GRASSY AREAS with a 1/2 % (active) spray solution (1 part product per 50 parts water, or 2.5 oz. product per gallon of water) for contact and kill of CHINCH BUGS & MOLE CRICKETS. Apply 1/2 % spray at rate of 1 quart per 110 sq. ft (= 1 gallon per 440 sq. ft. or 100 gallons per acre). For best results, thoroughly water (or irrigate) treated turf at rate of 15 gallons of water per 110 sq. ft (= 60 gallons per 440 sq. ft. or 6,000 gallons per acre) immediately after treatment.

Treat foliage and branches of FRUIT, NUT OR BERRY CROPS, grown outdoors or in greenhouses, with a 1/2 % (active) spray solution (1 part product per 50 parts water, or 2.5 oz. product per gallon of water) to contact and kill listed pests *up to day of harvest*. Thoroughly wet target pests and all infested plant surfaces. Follow all Timing of Application instructions and Use Restrictions.

Treat Tree and Bush Nuts such as ALMOND, BEECHNUT, BUTTERNUT, CASHEW, CHESTNUT, FILBERT/HAZELNUT, HICKORY NUT, LITCHI NUT, MACADAMIA NUT, PECAN, PINE NUTS, PISTACHIO, BLACK WALNUT & ENGLISH WALNUT to kill APHIDS, FOLIAGE-FEEDING CATERPILLARS & SPIDER MITES;

Treat Citrus fruits such as CITRON, GRAPEFRUIT, KUMQUAT, LEMON, LIME, ORANGE, ROUGH LEMON, SPANISH LIME, TANGERINE, TANGELO & OTHER CITRUS HYBRIDS to kill APHIDS, SCALE CRAWLERS & SPIDER MITES;

Treat Pome fruits such as APPLE, CRABAPPLE, GUAVA, PEAR & QUINCE to kill ADELGIDS, APHIDS, PEAR PSYLLA, PEAR SLUG, SCALE CRAWLERS, SPIDER MITES, THRIPS & WOOLLY APHIDS;

Treat Stone fruits such as APRICOT, CHERRY, NECTARINE, PEACH, PLUM, & PRUNE to kill APHIDS, FOLIAGE-FEEDING CATERPILLARS, JAPANESE BEETLES & MITES;

Treat Small fruits and Berries such as BLACKBERRY, BLUEBERRY, BOYSENBERRY, CRANBERRY, CURRENT, DEWBERRY, ELDERBERRY, FIG, GOOSEBERRY, GRAPE, GROUNDCHERRY, HUCKLEBERRY, JAPANESE PERSIMMON, KIWI FRUIT, LOGANBERRY, MULBERRY, PAWPAW, PERSIMMON, PINEAPPLE, RASPBERRY, SERVICEBERRY, STRAWBERRY, SUGAR APPLE & YOUNGBERRY to kill APHIDS, FOLIAGE-FEEDING CATERPILLARS, JAPANESE BEETLES, LEAFHOPPERS & SPIDER MITES;

Treat Exotic, Semi-tropical or Tropical fruits such as AVOCADO, BANANA, DATE, GRANADILLA, LOQUAT, MANGO, PAPAYA, PASSION FRUIT, POMEGRANATE, PRICKLYPEAR, SAPODILLA, SAPOTA, SHADDOCK & SOURSOP to kill ADELGIDS, APHIDS, LEAFHOPPERS, MEALYBUGS, PLANT BUGS, PSYLLIDS, SCALE CRAWLERS, SLUGS (SAWFY LARVAE), SPIDER MITES, STINK BUGS, THRIPS, WOOLLY APHIDS & WHITEFLIES.

Treat leaves and stems of VEGETABLE, CEREAL, SEED, HERB AND SPICE CROPS grown outdoors or in greenhouses, with a 1/2 % (active) spray solution (1 part product per 50 parts water, or 2.5 oz. product per gallon of water) to contact and kill listed pests *up to day of harvest*. Thoroughly wet target pests and all infested plant surfaces. Follow Timing of Application instructions and Use Restrictions as cited in the panel below.

Treat fruiting vegetables such as CHAYOTE, EGGPLANT, OKRA, PEPPERS (ALL TYPES), PIMENTO, TOMATO & TOMATILLO to kill APHIDS, CATERPILLARS, LEAFHOPPERS, SPIDER MITES & WHITEFLIES;

Treat Cole vegetables (*Brassica*) such as BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHARD (SWISS), CHINESE CABBAGE (BOK CHOY), COLLARDS, KALE & KOHLRABI to kill APHIDS, CABBAGE LOOPERS, FLEA BEETLES, HARLEQUIN BUGS, IMPORTED CABBAGEWORMS AND OTHER CATERPILLARS, LEAF BEETLES, LEAFHOPPERS & WHITEFLIES;

Treat leafy vegetables such as CELERIAC, CELERY, CHINESE GREENS, CHICORY, DOCK (SORREL), ENDIVE, FENNEL, GRAPE LEAVES, LAMBSQUARTER, LETTUCE, MUSTARD, NASTURTIUM (GARDEN), ORACH, PLAINAIN, PURSLANE, RHUBARB, RIQUETTE (ARRYGYKA), SALSIFY, SATINLEAF CAJITILLO, SPINACH, TARRO, TURNIP, WATERCRESS, WOODRUFF & YAUTIA to kill ADELGIDS, APHIDS, CATERPILLARS, FLEA BEETLES, JAPANESE BEETLES, LEAFHOPPERS & SPIDER MITES;

Treat Cucurbit vegetables such as CANTALOUPE, CUCUMBER, CUZZI (SPAGETTI SQUASH), GHERKIN, GOURDS, MELONS (ALL TYPES), MUSK MELON, PUMPKIN, SQUASH (SUMMER & WINTER), WATERMELON & ZUCCHINI to kill APHIDS, FLEA BEETLES, LEAF BEETLES, CATERPILLARS, LEAFHOPPERS, SPIDER MITES, SQUASH BUGS & WHITEFLIES;

Treat Legume vegetables such as ALFALFA, BEANS, LENTILS, PEANUTS, PEAS & EDIBLE SOYBEANS to kill APHIDS, CATERPILLARS, LEAFHOPPERS, GRASSHOPPERS, GREEN STINK BUGS & SPIDER MITES:

Treat Root and Tuber vegetables such as BEET, CARROT, HORSERADISH, PARSNIP, POTATO, RADISH, SUGAR BEET, SWEET POTATO, TURNIP & YAM to kill APHIDS, CATERPILLARS, LEAFHOPPERS, SPIDERMITES & WHITEFLIES;

Treat Bulb vegetables such as GARLIC, LEEK, ONION & SHALLOT to kill APHIDS, CATERPILLARS, & SPIDERMITES;

treat other vegetables such as ARTICHOKE & ASPARAGAS to kill APHIDS, CATERPILLARS, LEAFHOPPERS & SPIDERMITES.

Treat cereal crops such as GRAHAM, OATS, RYE, SORGHAM, SWEET CORN, & WHEAT to kill ADELGIDS, APHIDS, CATERPILLARS, LEAFBEETLES, LEAFHOPPERS, GRASSHOPPERS, SPIDERMITES & WHITEFLIES.

Treat seed crops such as CANOLA, HOPS, SAFFLOWER & SUNFLOWER to kill APHIDS, CATERPILLARS, LEAFHOPPERS & SPIDERMITES.

Treat herbs and spices such as ANISE, BASIL, BORAGE, CARAWAY, CHERVIL, CHIVE, DILL, FENNEL, GINSENG, HOREHOUND, HYSSOP, LEMON BALM, MAJORAM, MINT, OREGANO, PARSLEY, ROSEMARY, RUE, SAGE, SAVORY, SWEET CICELY, TARRAGON, TAMARIND, TANSY, TARO, TURMERIC, VALERIAN & WINTERGREEN to kill APHIDS, CATERPILLARS, LEAFHOPPERS, PLANT BUGS, SPIDERMITES, THRIPS & WHITEFLIES.

Treat foliage fiber crops such as COTTON grown outdoors with 1 gallon of Organica® Neem Oil Insecticidal Soap Concentrate per acre (alone, or in tank mix) to contact and kill APHIDS, LEAFHOPPERS, PLANT BUGS, SPIDER MITES, THRIPS & WHITEFLIES. If concentrate is diluted, use 3 to 20 gallons of spray mixture per acre. Thoroughly wet target pests and all infested plant surfaces. Follow all Timing of Application instructions and Use Restrictions cited in the panel below.

Treat ornamental or food plants (vegetables, herbs, fruits & nuts) in GREENHOUSES & INDOOR PLANTSCAPES with a 1/2 % (active) spray solution (1 part product per 50 parts water, or 2.5 oz. product per gallon of water) to contact and kill LISTED PESTS. Thoroughly wet target pests and all infested plant surfaces. Follow all Timing of Application instructions and Use Restrictions cited in the panel below.

Use a 0.4% (active) spray solution (2 TBS. of concentrate per gallon of water) for contact and kill of GREENHOUSE WHITEFLY. TREAT UP TO DAY OF HARVEST to kill listed pests on greenhouse or indoor food plants (vegetables, herbs, fruits & nuts

**Timing of Applications:** Apply Organica® Neem Oil Insecticidal Soap Concentrate, at the strength or dilution specified above, to coincide with the first appearance or emergence of the insect or mite pests, or when pest damage is first observed. Apply to contact pests and thoroughly wet all surfaces of infested leaves, branches and stems.

Retreat after 2 or 3 days for continued contact and kill of APHIDS and MEALYBUGS. Spray ADELGIDS, PSYLLIDS and SCALES during periods of peak egg hatch and crawler activity. Spray again after 14 days. For persistent infestations of other listed pests, spray 2 or 3 times (at weekly intervals) until pest control is achieved.

Limit treatments to a total of three spray applications, unless accumulating soap residues are first removed by a thorough rinsing of treated foliage. Some plant varieties become sensitive after first treatment! Test a few leaves or flowers, particularly with cucurbit & pepper varieties, before retreating the entire planting. If leaf and/or flower wilt occurs within a few hours, rinse test plants with clean water.

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## Organica® Neem Oil Insecticidal Soap Concentrate

### PRECAUTIONARY STATEMENTS

#### DANGER - PELIGRO

**Hazards to humans and domestic animals:** Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**Statement of practical treatment:** If in eyes - Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention. If on skin - Wash with plenty of soap and water. Get medical attention.

**Environmental hazards:** This product may be hazardous to aquatic invertebrates. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark.

Do not contaminate water by cleaning of equipment or disposal of water.

**Bee Hazard:** This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

**Personal Protective Equipment:** Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the diluted product through application or other tasks must wear: long-sleeved shirt and long pants, shoes plus socks.

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear: Goggles or safety glasses, coveralls over short-sleeved shirt and short pants, chemical resistant gloves such as butly rubber, nitrile rubber, neoprene rubber or PVC, chemically resistant headgear for overhead exposure, and chemically resistant apron when cleaning equipment, mixing or loading. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### STORAGE AND DISPOSAL:

**Storage:** Store in cool place (preferably in a locked storage area) and keep container tightly sealed. Do not transfer or dilute into food or drink containers. Avoid contamination of feed or foodstuffs.

**Disposal:** PESTICIDE DISPOSAL --After *HOME USE*, dispose of unused product by securely wrapping original container in several layers of newspaper and discard in trash; after *COMMERCIAL USE*, wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL** -- Do not reuse empty container. Triple rinse before discarding in trash, or offer for recycling/reconditioning, or punch and dispose of in sanitary landfill, or by incineration, or by burning if allowed by local authorities. If burned, keep out of smoke.

**Notice:** ORGANICA, Inc. makes no warranty, expressed or implied, for any purpose other than those contained on this label. Buyer assumes all responsibility for safety and consequences of damage or injury for product use, storage, handling or application which are not in accordance with explicit label directions. THE LIMIT OF MANUFACTURER'S LIABILITY SHALL BE THE PURCHASE PRICE FOR THE QUANTITY INVOLVED. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR SPECIAL, INCIDENTAL or CONSEQUENTIAL DAMAGES.

#### MANUFACTURED/DISTRIBUTED BY:



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Net Volume \_\_\_\_\_  
Net Weight \_\_\_\_\_

EPA REG No. 70191-R  
EPA Est. No. (Applied for)

||| BAR CODE |||