

ECOTEC T&O™

BROAD SPECTRUM INSECTICIDE/MITICIDE FOR TURF & ORNAMENTALS

KEEP OUT OF REACH OF CHILDREN

CAUTION - PRECAUCIÓN

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).

Use only according to label instructions. Read the entire label before using this product.

This product has not been registered by the US Environmental Protection Agency. Brandt Consolidated, Inc., represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act.

PLANT SAFETY

The use directions of this product are based on the results of product testing programs on a wide variety of ornamental plants. However, it is impossible to test this product on all species and cultivars. The phytotoxicity of Ecotec T&O has been assessed on a wide variety of common ornamental plants with no phytotoxicity. However, not all plant species and their varieties and cultivars have been tested with Ecotec T&O applied alone or with a possible tank mix combinations, sequential pesticide treatments, and adjuvants and surfactants. Local conditions also can influence plant tolerance and may not match those under which testing has been conducted. Therefore, before using Ecotec T&O, test the product on a sample of the plant.



BRANDT PRO

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ACTIVE INGREDIENTS

| | |
|--------------------|---------|
| Rosemary Oil | 10.00% |
| Peppermint Oil | 2.00% |
| Other Ingredients* | 88.00% |
| Total | 100.00% |

* Wintergreen Oil, Butyl Lactate, Vanillin, Lecithin

Ingredients in this product meet the requirements of the USDA National Organic Program.



**NO REENTRY INTERVAL
EMULSIFIABLE CONCENTRATE**

FIRST AID

If in eyes: Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

If on skin or clothing: Wash exposed area with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

If inhaled: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If swallowed: Rinse mouth out with water. Call a doctor or get medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

NET CONTENTS

1 Gal. per bottle/3.78 liters

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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 also contains specific instructions and exceptions pertaining to statements on this label about personal protective equipment (PPE). The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything treated such as plants or soil is: Long sleeved shirt, long pants, shoes and socks, chemical resistant gloves.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mist. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Persons applying this product should wear: Long sleeved shirts and long pants, shoes and socks, protective eyewear and chemical resistant gloves made of neoprene, nitrile or natural rubber.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flames. Store only in original container.

DIRECTIONS FOR USE

Only protected handlers may be in the application area. Do not apply this product in a way that will contact workers or other persons either directly or through drift.

MIXING INSTRUCTIONS

Add Ecotec T&O to one-half (1/2) tank under agitation containing water of 45° F or greater before filling to desired level. When combining with other products, such as adjuvants, insecticides, fungicides, or fertilizers, add these products first when the tank is approximately 1/2 full. Ensure that there is good agitation while mixing for complete emulsification. Maintain agitation during spray application.

Drench: In addition to foliar applications, this product is also effective as a soil drench for controlling soil-borne insect larvae (e.g. fungus gnats).

APPLICATION INSTRUCTIONS

Rate: When infestation is heavy, or when plant canopy is dense, Ecotec T&O may be used at a rate up to twice (2X) that shown in the tables. When combining with other insecticides, half the rate of Ecotec T&O is recommended.

Coverage: Foliar sprays of individual plants should thoroughly wet both sides of the leaves without causing runoff. Mix spray solution according to use rates and recommendations.

GENERAL INFORMATION

Ecotec T&O is a broad spectrum, contact insecticide/miticide. It controls pests such as aphids, thrips, whiteflies, mites, diamondback moth, cabbage looper, fall armyworm, and beet armyworm.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if the product gets inside. Wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

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 for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

USE RATES FOR ANY PLANTS GROWN INDOORS OR IN GREENHOUSES, SHADEHOUSES, INTERIORSCAPES, AND NURSERIES

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|---|----------------------------|--|
| APHIDS, such as: Green Peach aphids, Pea aphids, Cotton aphids, Rose aphids | 10 | Spray when pests first appear. Repeat application every 5-7 days. |
| BETTERLES, such as: Bark beetles, Flea beetles, Japanese beetles, Leaf beetles | 20 | Spray when pests first appear. Repeat as needed. |
| CATERPILLARS, such as: Armyworms, Bagworms, Cutworms, Loopers, Leafrollers, Spruce budworms, Webworms | 16 | Spray when pests first appear. |
| FLIES, such as: Fungus gnats, Shore flies | 32 | Add at least 1 pint of mixture per gallon pot as soil drench. Repeat application every 7 days for 3 weeks. For poinsettias, lilies and bedding plants also make one application 10 to 15 days prior to shipping plants to prevent adult emergence. |
| LEAFHOPPERS, such as: Grape leafhoppers, Potato leafhoppers | 16 | Spray when pests first appear. Repeat application every 5-7 days. |
| LEAFMINERS, such as: Azalea leafminers, Citrus leafminers, Blotch leafminers, Boxwood leafminers | 16 | Spray early. Make 2 applications in rotation with adulticides such as pyrethroids. |
| MEALYBUGS, such as: Citrus mealybugs, Long-tailed mealybugs | 16 | Spray when pests first appear. Repeat every 5 to 7 days. |
| MITES, such as: Two-Spotted spider mite, Broad mite, Citrus budmite, Cyclamen mite, Rust mite | 16 | Spray when pests first appear. Repeat every 5 to 7 days. |

STORAGE AND DISPOSAL

Do not contaminate water, feed, or foodstuffs by storage or disposal.

Storage

Keep container tightly closed when not in use. Store only in the original container in a cool dry place away from children and pets.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an appropriate waste disposal facility.

Container Disposal

Do not reuse empty container. Triple rinse empty container then puncture and dispose of container in a sanitary landfill, or incinerator, or if allowed by state and local regulations, by burning. If burned, stay out of smoke. Triple rinsed containers may be offered for recycling.

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|--|---------------------|---|
| SOFT SCALES | 20 | Use in sufficient water to cover twigs and leaves. |
| THRIPS, such as: Western flower thrips | 10 | Spray when pests first appear. Repeat every 5 to 7 days. |
| WEEVILS, such as: Black vine weevils, Strawberry vine weevils | 16 | Make foliar applications to deter adult feeding. Make soil drench applications during spring and fall periods to control larvae. Make at least 3 to 4 applications 10 days apart. |
| WHITEFLIES, such as: Greenhouse whiteflies, Silverleaf whiteflies | 10 | Ensure good coverage to top and bottom of leaves against larvae and pupae. |

USE RATES FOR OUTDOOR PLANTS INCLUDING TREES, NURSERY, AND ALL OUTDOOR ORNAMENTAL PLANTS

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|---|---------------------|---|
| APHIDS, such as: Green peach aphids, Pea aphids, Cotton aphids, Potato aphids, Rose aphids | 12 | Spray when pests first appear. Repeat application every 5-7 days. |
| BETTERLES, such as: Bark beetles, Colorado potato beetles, Flea beetles, Japanese beetles, Leaf beetles, Mexican bean beetles, Rose chafers, Twig girdlers | 32 | Spray when pests first appear. Repeat application after 7 to 10 days. |
| BORERS, such as: Dogwood borers, Cranberry borers, girdlers, Peachtree borers, Peach twig Borers | 32 | Spray soon after eggs hatch. |
| BUGS, such as: Boxelder bugs, Chinch bugs, Lygus bugs, Spittle bugs, Stink bugs | 12 | Spray nymphs early. |

USE RATES FOR OUTDOOR PLANTS INCLUDING TREES, NURSERY, AND ALL OUTDOOR ORNAMENTAL PLANTS

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|---|----------------------------|---|
| CATERPILLARS, such as: Armyworms, Bagworms, Budworms, Cankerworms, Casebearers, Caseworms, Corn earworms, Cutworms, Fruitworms, Gypsy moths, Hornworms, Leafrollers, Navel orange worms, Pine tip moths, Sod webworms, Tent caterpillars, Tobacco budworms, Tussock moths | 16 | Spray when pests first appear. Repeat application after 5-7 days. |
| FLIES, such as: Cherry maggots, Crane flies, Midges | 20 | Drench soil to kill larvae. |
| LEAFHOPPERS, such as: Variegated leafhoppers | 32 | Spray when pests first appear. Repeat application after 5-7 days. |
| LEAFMINERS, such as: Azaela leafminers, Citrus leafminers, Blotch leafminers, Boxwood leafminers | 16 | Spray early. Make 2 applications in rotation with adulticides such as pyrethroids. |
| MEALYBUGS, such as: Apple mealybugs, Citrus meal bugs, Grape mealybugs | 16 | Use in sufficient water to cover twigs and leaves. |
| MITES, such as: Two-spotted spider mite, Broad mite, Citrus budmite, Cyclamen mite, Rust mite | 16 | Spray when pests first appear. Repeat application after 7-10 days. Use in sufficient water to cover undersides of leaves. |
| PSYLLIDS, such as: Pear psyllia | 16 | Spray when pests first appear. Repeat application after 7-10 days. Use in sufficient water to cover undersides of leaves. |
| SAWFLIES, such as: European pine sawflies, Pear sawflies, Red-headed pine sawflies, Yellow-headed pine sawflies | 16 | Treat larvae early. |

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|---|----------------------------|---|
| SCALES, such as: Black scales, Brown soft scales, California red scales, Coffee scales, Olive scales, San Jose scales | 16 | Use in sufficient water to cover twigs and leaves. |
| THRIPS, such as: Citrus thrips, Onion thrips, Western flower thrips | 16 | Spray when pests first appear. Repeat every 5-7 days. |
| WEEVILS, such as: Black vine weevils, Strawberry vine weevils | 16 | Make foliar applications to repel adults. Make soil drench applications during spring and fall periods to control larvae. Make at least 3 applications 10 days apart. |
| WHITEFLIES, such as: Greenhouse whiteflies, Silverleaf whiteflies, Woolly whiteflies | 16 | Use in sufficient water to cover undersides of leaves. |

USE RATES FOR GOLF COURSE, LAWN AND SOD FARM TURFGRASS

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|---|----------------------------|--|
| Fall Armyworm Yellow Striped Armyworm Southern Armyworm Cutworms | 32 | Spray when pests first appear. Repeat every 10-14 days. |
| Chinch Bugs | 32 | Apply immediately when noted, water in thoroughly, repeat every 7-10 days as needed. |
| Fleas | 16 | Apply as needed at 7-10 days schedule during the activities of the adults. |
| Sod Webworms <i>(Crambus)</i> | 16-20 | Apply as sod webworms begin to appear. Use the higher rate when infestation is heavy. Repeat as needed at 7 days schedule. |



EcoSMART
Technologies, Inc.

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Warranty: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

| PEST | Fl. Oz./100 gallons | RECOMMENDATIONS |
|--|----------------------------|--|
| Leafhoppers | 16 | Apply as the leafhoppers begin to appear. A repeat application at 1 week intervals may be necessary. |
| Mole Crickets | 16-32 | Apply as soon as mole crickets begin to appear. For knockdown of severe populations, more than one application may be required throughout the growing season. For heavy infestations, use the higher dosage rate. Apply during cooler times of the day and irrigate after application. |
| Greenbugs <i>(Schizaphis graminum)</i> | 16 | Apply when insects or their damage first appear. Repeat as necessary. |
| Imported Fire Ants Harvester Ants | 16-32 | Broadcast at the high rate and water in well. For mound treatment, mix at the lower rate and drench mounds with at least 1 gallon of the mixed solution in a 4 foot diameter. For best results, apply in the early morning or late afternoon when ants are most active. |
