

# Brandt® Ecotec® Plus

## Broad Spectrum Insecticide and Miticide

Powered by



0 Hour REI  
0 PHI



### ACTIVE INGREDIENTS:

|                      |        |
|----------------------|--------|
| Rosemary oil.....    | 10.0%  |
| Geraniol.....        | 5.0%   |
| Peppermint oil.....  | 2.0%   |
| OTHER INGREDIENTS *: | .83.0% |
| TOTAL:               | 100.0% |

\* Isopropyl myristate, Isopropyl alcohol, Polyglycerol oleate, Butyl lactate and Vanillin. This product has not been registered by the United States Environmental Protection Agency. Brandt Consolidated, Inc. represents that it is exempt from registration under the Federal Insecticide, Fungicide and Rodenticide Act [FIFRA § 25(b)] as a minimum risk pesticide.

### KEEP OUT OF REACH OF CHILDREN



### WARNING

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes skin and eye irritation. Wear protective eyewear and gloves when mixing or handling concentrate. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Take off contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** Avoid direct contact to water; not for aquatic use. Avoid release to the environment. This product may be toxic to bees. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS:** COMBUSTIBLE LIQUID. Keep away from flames and hot surfaces. No smoking. In case of fire, use appropriate media to extinguish.

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs, get medical attention.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a cool, well-ventilated area away from children, animals, foods, feeds, and seeds. Avoid excessive heat and freezing temperatures. Keep container tightly closed during storage.

**PESTICIDE DISPOSAL:** Dispose of contents/container in accordance with local regulations.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling

Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

### DIRECTIONS FOR USE

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

**SITES:** amenity/ornamental plants, and plants/crops grown for their reproductive and/or vegetative components used for feed, food, fuel, fiber and medicinal purposes.

**PESTS:** mites and soft bodied, piercing and sucking insect pests such as: aphids, beetles, caterpillars (early stages), flies (maggot stage), leafhoppers, leafminers, mites, mealybugs, psyllids, scale (crawler stage), thrips and whiteflies; and liverworts.

**MIXING:** SHAKE WELL BEFORE USING. The use of adjuvants (spreaders and/or penetrants) is highly recommended for improving performance. Fill spray tank  $\frac{1}{2}$  full with intended amount of water ( $>45^{\circ}\text{F}$ ). Add this product at recommended rate, then other products as desired, and continue filling with water. In areas with hard water ( $>200 \text{ ppm}$ ), addition of a water softener is recommended before adding this product to the spray tank. Maintain agitation while mixing and during application for best results. Always clean tank, pump and lines thoroughly with water after use.

**APPLICATION:** For best results, spray coverage should be uniform and complete. Spray droplet size should be adjusted to maximize coverage, minimize drift, and allow direct contact with as many insects as possible. Use lower rates for light to moderate insect populations and higher rates for heavy infestations. This product can be applied to crops at any time up to and including the day of harvest. Begin spraying when insects first appear; do not wait until plants are heavily infested. Repeat as needed (5 day minimum interval) to maintain desired level of control. There are no restrictions on the number of applications per season.

**GROUND SPRAY:** Spray-to-wet applications of this product may be made with standard field sprayers and backpack or other hand-held spray equipment.

**AERIAL SPRAY:** Prior to application, check the aircraft/helicopter spray equipment for uniformity of spray pattern, spray width and output. Apply a minimum of 15 gallons per acre of diluted product. Optimum results are obtained when plant foliage is not too dense. COVERAGE IS ESSENTIAL FOR GOOD CONTROL. Use an output that will ensure optimum product penetration and coverage. Make aerial applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Low humidity and high temperature increase the evaporation rate of spray droplets.

and therefore the likelihood of good coverage. Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orientating nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. Spray should be released at the lowest height consistent with pest control and flight safety. Application more than 10 feet above the crop canopy is not recommended.

**DRIP IRRIGATION:** For soil inhabiting insects and insect stages, use 2-4 pints per acre of plant bed in 2-3 applications over a 7-14 day schedule. Set emitter spacing and line pressure to give best coverage and reduce leaching.

**PLANT SAFETY:** Rate recommendations are based on product testing on a wide variety of plants. However, not all plant species/varieties/cultivars have been tested with this product, applied alone or with possible spray mix combinations (adjuvants, fertilizers, or other pesticides). Test spray a few leaves with intended spray mix 1 day before spraying entire plant. Do not use if leaf burn or spotting is observed. Use with care on plants with tender tissue. Do not apply to wilted or otherwise stressed plants, or to newly transplanted material prior to root establishment. Do not apply when the temperature is >90°F.

#### RATE RECOMMENDATIONS:

| <b>CROPS</b><br>grown outdoors, in greenhouses, shadehouses and nurseries; including but not limited to   | <b>PINTS</b><br>per 100 gallons | <b>FL.OZ.</b><br>per 10 gallons |
|---|---------------------------------|---------------------------------|
| <b>Root and Tuber Vegetables:</b> Carrot, Potato, Radish, Sweet Potato, Turnip  | 1-4                             | 2-6                             |
| <b>Brassica (Cole), Bulb, Leafy and Oriental Vegetables:</b> Broccoli, Cabbage, Cauliflower, Celery, Garlic, Lettuce, Onion, Spinach  | 1-4                             | 2-6                             |
| <b>Fruiting and Legume Vegetables:</b> Bean, Eggplant, Lentil, Pea, Pepper, Tomato  | 1-4                             | 2-6                             |
| <b>Cucurbit Vegetables:</b> Cantaloupe, Cucumber, Melon, Squash   | 1-4                             | 2-6                             |
| <b>Citrus and Subtropical Fruits:</b> Banana, Grapefruit, Lemon, Mango, Orange, Papaya, Plantain  | 2-5                             | 3-8                             |
| <b>Pome and Stone Fruits:</b> Apple, Apricot, Cherry, Nectarine, Peach, Pear, Persimmon, Plum, Pomegranate, Prune,  | 1-4                             | 2-6                             |
| <b>Small Fruits and Berries:</b> Blackberry, Blueberry, Cranberry, Grapes (raisin, table, wine), Raspberry, Strawberry  | 1-4                             | 2-6                             |
| <b>Tree Nuts:</b> Almond, Cashew, Pecan, Pistachio, Walnut  | 1-4                             | 2-6                             |
| <b>Cereal Grains:</b> Corn, Sorghum, Soybean, Sweet Corn  | 1-4                             | 2-6                             |
| <b>Grass and Non-Grass Animal Feeds:</b> Alfalfa  | 1-4                             | 2-6                             |
| <b>Herbs and Spices:</b> Anise, Basil, Dill, Mint, Peppermint, Spearmint, Thyme, Wintergreen  | 1-3                             | 2-5                             |
| <b>Other Crops:</b> Artichoke, Asparagus, Avocado, Coffee, Cotton, Hops, Jojoba, Mushroom, Okra, Olives, Peanuts, Pineapple, Rice, Safflower, Sesame, Sugar Cane, Sunflower, Tea, Tobacco | 1-4                             | 2-6                             |

|   |                                 |                                 |
|---|---------------------------------|---------------------------------|
| <b>CROPS</b><br>grown outdoors, in greenhouses, shadehouses and nurseries; including but not limited to   | <b>PINTS</b><br>per 100 gallons | <b>FL.OZ.</b><br>per 10 gallons |
| <b>ORNAMENTALS - INDOORS</b> (greenhouses, interior plantscapes, lath and shadehouses): Bedding and flowering plants, Foliage plants, Groundcovers, Shrubs, Evergreens, Ornamental trees  | N/A                             | 2-5                             |
| <b>ORNAMENTALS - OUTDOORS</b> (nurseries and commercial, industrial, recreational and residential outdoor landscapes): Bedding and flowering plants, Foliage plants, Groundcovers, Shrubs, Evergreens, Ornamental trees   | 1-4                             | 2-6                             |
| <b>TURF:</b> Golf courses, Cemeteries, Parks, Sports fields, Lawns, Turfgrass grown for sod or seed   | 1-4                             | 2-6                             |
| <b>MUSHROOM HOUSES:</b> Spray a solution of 4-8 fl. oz. per gallon on outside and inside walls, floors, and sideboards of mushroom houses after compost has been pasteurized by heating. Also spray over the plastic covering the beds and trays after spawning. Retreat as needed. |                                 |                                 |

#### WARRANTY

To the extent consistent with applicable law, seller warrants that this product conforms to the chemical description on this label and is reasonably fit for the purposes stated on this label only when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. To the extent consistent with applicable law, seller makes no other warranties, either expressed or implied.

**NET CONTENTS:** \_\_\_ gallons/\_\_\_ liters



Manufactured by:  
Brandt Consolidated, Inc.  
2935 South Koke Mill Road  
Springfield, Illinois 62711 USA  
www.brandt.co  
800 300 6559