

NOV 13 2008

Ms. Lori J. Walsh  
Vice President of Finance and Administration  
Laverlam International Corporation  
117 South Parkmont Street  
Butte, MT 59701

Re: Laverlam International Corporation, BotaniGard® 22WP  
EPA Registration No. 82074-2  
Minor Label ("Fast Track") Amendment  
Original Application Dated 04/25/2008

Dear Ms. Walsh:

The Agency has reviewed your request to amend the subject product registration, which included the following Agency-initiated changes to the product label:

- 1) Addition of the phrase, "Store between 40°F and 85°F,"
- 2) Adjustment to the Ingredient Statement to ensure that the decimal points are aligned and that the Ingredient Statement is not crowded by other labeling,
- 3) Adjustment to the Hazards to Humans and Domestic Animals and First Aid sections so that the routes of exposure of most concern are listed first,
- 4) Replacement of "waterproof gloves" with "chemical-resistant gloves such as nitrile rubber or butyl rubber" in the Personal Protective Equipment section and Agricultural Use Requirements Box to account for the presence of petroleum distillates in the product,
- 5) Correction of typographical errors,
- 6) Addition of the statement, "Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas," to the Environmental Hazards section,
- 7) Revision of several words, from advisory to mandatory, in the Directions for Use in accordance with PR Notice 2000-5,
- 8) Replacement of "Plant Safety" sub-heading with "Phytotoxicity,"
- 9) Replacement of "Conditions of Sale" sub-heading with "Warranty and Disclaimer," and
- 10) Addition of the statement, "Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures."

CONCURRENCES

SYMBOL	7511P	7511P	7511P				
SURNAME	KAUSCH	Boyceland	Cully				
DATE	11/07/2008	11/7/08	11/13/08				

Lori J. Walsh  
EPA Registration No. 82074-2

In addition to the label amendments specified above, you also requested permission to add National Organic Program (NOP) labeling in your original submission dated April 25, 2008. At this time, the Agency will not allow NOP labeling on the BotaniGard® 22WP label for reasons outlined in a previous response letter dated August 22, 2008. If those deficiencies are sufficiently addressed by you at a future time, the Agency is willing to revisit your request and review your corrections.

The changes referred to on the previous page, submitted in connection with registration under FIFRA section 3(c)(5), are acceptable provided that you:

- 1) Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of a final printed label.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions contact Jeannine Kausch at 703-347-8920 or by email at: [kausch.jeannine@epa.gov](mailto:kausch.jeannine@epa.gov).

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

Sincerely,

  
 Sheryl K. Reilly, Ph.D., Chief  
 Microbial Pesticides Branch  
 Biopesticides and Pollution  
 Prevention Division (7511P)

Enclosures (2):  
 - A-79 Enclosure  
 - Accepted Label

NOV 13 2008

(Front Panel)

**BOTANIGARD® 22WP**

Wettable Powder Mycoinsecticide

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 82074-2

For use in controlling Whitefly, Aphids, Thrips, Psyllids, Mealybugs, Leafhoppers, Weevils, Plant Bugs, and Beetles in Field, Agronomic, Vegetable and Orchard Crops; also in Forestry; Grasshoppers, Mormon Crickets, Locusts and Beetles in Rangeland, Improved Pastures and Agronomic Crops; Whitefly, Aphids, Thrips, Psyllids, Weevils and Mealybugs in Ornamentals and Vegetables, Indoor/Outdoor Nursery, Greenhouse, Shadehouse, Commercial Landscape, Interiorscape and Turf.

Active Ingredient: <i>Beauveria bassiana</i> Strain GHA.....	22.0%*
Inert Ingredients.....	78.0%**
Total:.....	100.0%

\*Based on the weight estimate of  $4.78 \times 10^{-12}$  grams per spore.

\*\*Contains petroleum distillates.

BotaniGard 22WP contains  $2 \times 10^{13}$  viable spores per pound.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Store between  
40°F and 85°F

See additional precautionary statements and first aid statements in attached booklet.

**LAVERLAM INTERNATIONAL CORPORATION**

117 S. Parkmont; PO Box 4109 – Butte, MT 59702; Ph: (406)782-2386; Fax: (406)782-9912

EPA Registration Number 82074-2

EPA Establishment Number 65626-MT-02

Edition:

Lot No.:

Net Contents:

Expiration Date:

(Booklet)

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Expiration Date:

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.)

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if absorbed through the skin, inhaled or swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist or dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as nitrile rubber or butyl rubber
- Shoes plus socks

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/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:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is potentially pathogenic to honey bees. Avoid applying to areas where honey bees are actively foraging or around bee hives. This product may be toxic to fish. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

For terrestrial uses: Do not apply directly to water, or to 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 equipment wash waters or rinsate. Do not discharge into lakes, streams, ponds, or public waterways.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 State or Tribal agency responsible for pesticide regulation.

For use in controlling Whitefly, Aphids, Thrips, Psyllids, Mealybugs, Leafhoppers, Weevils, Plant Bugs, and Beetles in Field, Agronomic, Vegetable and Orchard Crops; also in Forestry; Grasshoppers, Mormon Crickets, Locusts and Beetles in Rangeland, Improved Pastures and Agronomic Crops; Whitefly, Aphids, Thrips, Psyllids, Weevils and Mealybugs in Ornamentals and Vegetables, Indoor / Outdoor Nursery, Greenhouse, Shadehouse, Commercial Landscape, Interiorscape and Turf. Suitable for use with ultra low-volume application equipment.

**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 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 apply only to 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 4 hours unless wearing the appropriate personal protective equipment.

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:

- Coveralls
- Chemical-resistant gloves such as nitrile rubber or butyl rubber
- 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 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing the appropriate personal protective equipment.

Keep unprotected persons out of treated areas until sprays have dried.

**GENERAL INFORMATION**

BotaniGard 22WP contains live spores of the naturally occurring fungus, *Beauveria bassiana* Strain GHA. Spores are alive and can be harmed by storage at high temperatures or contact with water for more than 24 hours. See STORAGE AND DISPOSAL instructions on the container label.

**MODE OF ACTION AND APPLICATION TIMING**

Begin treatment of crops at the first appearance of the insect pest. Typically, it takes 7-10 days after the first spray to see control. Application rates, frequency, spray coverage and insect numbers impact the speed at which acceptable control is achieved. BotaniGard 22WP is most effective when used early, before high insect populations develop. Reapply as necessary under a pest management program that includes close scouting. Intense pest outbreaks may require combination of BotaniGard 22WP with a compatible insecticide.

Contact Laverlam International Corporation or your distributor for specific information on compatible insecticides.

**PRE-HARVEST INTERVAL**

Pre-harvest interval for BotaniGard 22WP is zero (0) days. BotaniGard 22WP can be applied up to and including the day of harvest.

**INSECTS FOR WHICH BOTANIGARD 22WP MAY BE USED**

**ORTHOPTERA**

Grasshoppers  
Mole Crickets

Locusts  
Mormon Crickets

**WHITEFLY**

Banded-winged Whitefly  
Citrus Whitefly  
Greenhouse Whitefly  
Sweet Potato Whitefly (aka Tobacco Whitefly)

Citrus Blackfly  
Giant Whitefly  
Silverleaf Whitefly

**APHIDS**

Bean Aphid  
Cowpea Aphid  
Greenbug  
Melon/Cotton Aphid  
Potato Aphid  
Russian Wheat Aphid

Cabbage Aphid  
Green Peach Aphid  
Hop Aphid  
Pea Aphid  
Rose Aphid  
Spotted Alfalfa Aphid

**THRIPS**

Greenhouse Thrips  
Pear Thrips  
*Thrips palmi*

Cuban Laurel Thrips  
Potato/Onion Thrips  
Western Flower Thrips

**PSYLLIDS**

Pear Psylla

Tomato/Potato Psylla

**MEALYBUGS**

Citrus Mealybug  
Grape Mealybug

Buffalo Grass Mealybug  
Longtailed Mealybug

**LEAFHOPPERS AND PLANTHOPPERS**

Grape Leafhopper  
Planthoppers  
Variegated Grape Leafhopper

Leafhoppers  
Potato Leafhopper  
Virginia Creeper Leafhopper

**SCARAB BEETLES**

Atenius  
White Grubs

Green June Beetle

**PLANT BUGS (HETEROPTERA)**

Chinch Bugs

Lace Bugs

**WEEVILS**

Billbugs  
Fuller Rose Weevil  
Root Weevil

Black Vine Weevil  
Rose Curculio  
Strawberry Root Weevil

**CROPS ON WHICH BOTANIGARD 22WP MAY BE USED**

**VEGETABLES**

acerola  
artichoke  
atermoya

arracacha  
arugula  
balsam pear

arrowroot  
asparagus  
bamboo shoots

beans (all varieties)  
 bokchoy  
 Brussels sprouts  
 cantaloupe  
 casaba melons  
 cauliflower  
 celtuce  
 chickpeas  
 Chinese cabbage  
 Chinese mustard  
 chrysanthemum (edible)  
 citron melon  
 crenshaw melon  
 dandelion  
 dock  
 endive  
 garlic  
 golden pershaw melon  
 guar  
 horseradish  
 leek  
 lettuce  
 mustard greens  
 onion  
 parsnip  
 pepper (all varieties)  
 pineapple melon  
 purslane  
 rambutan  
 rhubarb  
 shallot  
 spinach  
 sweet potato  
 tomatillo  
 tumip  
 zucchini

beet  
 broccoli  
 burdock  
 carambols  
 cassava  
 celeriac  
 chayote  
 chicory  
 Chinese gai lon  
 Chinese spinach  
 chufa  
 collards  
 cress  
 dasheen  
 edamame  
 escarole  
 gherkin  
 gourds (edible)  
 honey balls  
 kale  
 lentils  
 mango melon  
 New Zealand spinach  
 orach  
 peas (all varieties)  
 Persian melon  
 potato  
 radish  
 rape greens  
 rutabaga  
 snake melon  
 squash (summer/winter)  
 Swiss chard  
 tomatoes  
 watermelon

blackeyed peas  
 broccoli raab  
 cabbage  
 carrots  
 catjang  
 celery  
 chervil  
 Chinese broccoli  
 Chinese longbeans  
 Chinese waxgourd  
 cilantro  
 corn salad  
 cucumber  
 daikon  
 eggplant  
 fennel  
 ginger  
 groundcherry  
 honeydew melon  
 kohlrabi  
 leren  
 muskmelon hybrids/varieties  
 okra  
 parsley  
 pepinos  
 pimento (all varieties)  
 pumpkin  
 radicchio  
 rapini  
 salsify  
 soybeans  
 sugar beet  
 tanier  
 tumeric  
 yam

**FRUITS AND BERRIES**

apple  
 bananas  
 boysenberry  
 cherimoya  
 citrus citron  
 crabapple  
 dates  
 elderberry  
 gooseberry  
 guava  
 kumquat  
 loganberry  
 mandarin  
 nectarine  
 orange  
 passion fruit  
 persimmon  
 pomegranate  
 quihuna  
 sour cherry  
 tangelo

apricot  
 blackberry  
 calamondin  
 cherry (sweet/sour)  
 citrus hybrids  
 cranberry  
 dewberry  
 fejoa  
 grape (table, raisin, wine)  
 huckleberry  
 lemon  
 loquat  
 mango  
 olallie berry  
 oriental pear  
 peach  
 pineapple  
 prune  
 quince  
 strawberry  
 tangerine

avocado  
 blueberry  
 carob  
 chironja  
 coffee  
 currant  
 durian  
 figs  
 grapefruit  
 kiwi  
 limes  
 lychee  
 marionberry  
 olives (all varieties)  
 papaya  
 pear  
 plum  
 pummelo  
 raspberry  
 sweet cherry  
 youngberry

**HERBS AND SPICES**

- |                    |                      |             |
|--------------------|----------------------|-------------|
| allspice           | anise                | balm        |
| basil              | borage               | burnet      |
| chamomile          | caperbuds            | caraway     |
| cardamom           | catnip               | celery seed |
| chervil            | chicory              | chives      |
| cilantro/coriander | cinnamon             | clary       |
| coriander          | costmary             | cumin       |
| curry leaf         | dill                 | fennel      |
| fenugreek          | ginseng              | horehound   |
| hyssop             | mace                 | marjoram    |
| mint               | mustard              | nasturtium  |
| nutmeg             | oregano              | paprika     |
| pennyroyal         | pepper (black/white) | peppermint  |
| rosemary           | rue                  | sage        |
| saffron            | savory               | sesame      |
| spearmint          | sweet bay leaf       | tansy       |
| tarragon           | thyme                | wintergreen |
| woodruff           | wormwood             |             |

**ORNAMENTALS, INCLUDING FLOWERS, FLOWERING AND FOLIAGE PLANTS, BEDDING PLANTS, GROUNDCOVERS, SHRUBS, VINES, EVERGREENS AND TREES**

- |                   |                     |                       |
|-------------------|---------------------|-----------------------|
| African lily      | African violet      | ageratum              |
| alyssum           | anthurium           | arborvitae            |
| ash               | asparagus sprengeri | aster                 |
| atlas cedar       | azalea              | bald cypress          |
| balsam fir        | bamboo              | barberry              |
| beech             | begonia             | birch                 |
| Boston fern       | bougainvillea       | boxwood               |
| bridal veil       | cacti               | caladium              |
| calceolaria       | calendula           | calla lily            |
| camella           | camellias           | carissa               |
| carnation         | ceanothus           | celosia               |
| chenille plant    | cherro              | Christmas cactus      |
| chrysanthemum     | cineraria           | cleyera               |
| coleus            | cordyline           | corylus avellana      |
| cotoneaster       | cottonwood          | crabapple             |
| crepe myrtle      | crossandra          | croton                |
| cyclamen          | cypress             | daffodil              |
| dahlia            | daisy               | delphinium            |
| deodar cedar      | dichondra           | dieffenbachia         |
| dogwood           | Douglas fir         | dracaena              |
| dumb cane         | Dusty Miller        | elm                   |
| eucalyptus        | ferns               | ficus                 |
| fig               | firethorn           | fittonia              |
| floss flower      | foliage plants      | forsythia             |
| freesia           | fuchsia             | gardenia              |
| geranium          | gerbera             | gerber daisy          |
| gladiolus         | gloxinia            | grape                 |
| gynura            | gypsophila          | hackberry             |
| hawthorn          | hedera              | hemlock               |
| hibiscus          | hickory             | holly                 |
| honey suckle      | hop bush            | horsechestnut         |
| hyacinth          | hydrangea           | iceplant              |
| imitari           | impatiens           | India hawthorn        |
| iris              | ivy                 | Japanese aucuba       |
| Japanese barberry | Japanese boxwood    | Japanese spindle tree |

- |                    |                        |                     |
|--------------------|------------------------|---------------------|
| Japanese yew       | juniper                | kalanchoe           |
| lantana            | larch                  | larkspur            |
| laurel             | leasianthus            | leatherleaf fern    |
| linden             | lilac                  | lily                |
| lithodora          | lobelia                | loquat              |
| magnolia           | mandevilla             | maple               |
| marigold           | Mediterranean fan palm | mesembryanthemum    |
| mimosa             | monstera               | mother-in-law plant |
| mountain laurel    | myrtle                 | nandina             |
| narcissus          | oak                    | oleander            |
| olive              | orchid                 | ornamental kale     |
| pachysandra        | palms                  | pansy               |
| parasol pine       | pelargonium            | peony               |
| petunia            | philodendron           | phlox               |
| photina            | piggyback plant        | pine                |
| pink               | pittosporum            | planetree           |
| podocarpus         | poinsettia             | poplar              |
| pothos ivy         | prayer plant           | primrose            |
| privet             | pteris fern            | pyracantha          |
| rhododendron       | rose                   | rubber plant        |
| salvia             | scabiosa               | schefflera          |
| schlumbergera      | sedum                  | shrub verbena       |
| shrubby cinquefoil | smoke tree             | snapdragon          |
| spathiphyllum      | spruce                 | stock               |
| sweet gum          | sweet pea              | sweet William       |
| sycamore           | syngonium              | taxus               |
| Texas sage         | tulip                  | tulip tree          |
| verbena            | viburnum               | vinca               |
| Virginia creeper   | walnut                 | wandering Jew       |
| willow             | yew                    | yucca               |
| zinnia             |                        |                     |

**TURF, INCLUDING LAWN AND SOD TURF GRASSES**

- |                     |              |        |
|---------------------|--------------|--------|
| Bermuda grass       | blue grass   | fescue |
| St. Augustine grass | zoysia grass |        |

**MIXING AND APPLICATION**

Apply BotaniGard 22WP using hand-held, ground spray equipment and/or low-volume application equipment. Fill spray tank with half the desired amount of water, start agitation. Use a measuring cup, spoon or calibrated container to add BotaniGard 22WP to the spray tank and mix thoroughly. Add remainder of desired amount of water. Triple rinse empty container and add rinse water to spray tank. For best results, continue agitation during application. Do not mix more BotaniGard 22WP than can be sprayed in one day. One (1) cup contains approximately 4.5 ounces of BotaniGard 22WP. After mixing in water, spray within one day. Fungal spores in BotaniGard 22WP will die and lose effectiveness if left overnight or longer in water.

**DOSAGE RATE FOR GREENHOUSE, NURSERY, LANDSCAPE AND INTERIOSCAPE**

**Typical Application Rates/100 Gallons of Spray Volume**

- |                            |   |
|----------------------------|---|
| Whitefly and Aphids.....   | ½ to 1 pound of BotaniGard 22WP/100 gallons spray volume  |
| Thrips .....               | 1 to 2 pounds of BotaniGard 22WP/100 gallons spray volume |
| Other labeled insects..... | ½ to 2 pounds of BotaniGard 22WP/100 gallons spray volume |
- Rate depends on insect population.

Apply BotaniGard 22WP up to a maximum of 3 pounds per 100 gallons spray volume for high insect populations or dense foliage.

10/11

Use quantity of spray sufficient to thoroughly cover foliage infested with insects. Crop size, spray equipment and local practice will determine the volume of water needed. One hundred gallons of spray volume will typically cover 5,000-20,000 square feet. **SPRAY TO WET, BUT AVOID RUNOFF.**

**Low Volume Application**

Apply at a rate equivalent to area coverage of high volume spray. This would normally be 1/2 pound to 2 pounds of BotaniGard 22WP for 5,000 to 20,000 square feet. Follow spray equipment manufacturer's instructions for final spray volume to obtain adequate coverage. **DO NOT APPLY THROUGH A THERMAL PULSE FOGGER.**

**Cuttings Dip**

Applications of BotaniGard 22WP may be used as pre-plant dips for cuttings as noted below. To prepare dip solution, thoroughly mix 1/4 - 1/2 oz. BotaniGard 22WP per gallon of water (2 1/2 - 5 oz. BotaniGard 22WP per 10 gallons water). Prepare only as much dip solution as can be used in one day. Do not use dip solution for more than one day. Spores in water for more than 24 hours will die. Dip a small number of plants in dip solution and observe for plant damage before using dip treatment. Do not use dips if there is any visible damage to test plants.

**Unrooted Cuttings**

Dip the unrooted cuttings in the BotaniGard 22WP solution just long enough to wet all surfaces, then removing to a flat area. For water-sensitive varieties, cover to protect until dry. Then proceed with normal planting and misting.

**Rooted Cuttings**

Holding by the roots, briefly dip in the BotaniGard 22WP solution just long enough to wet all surfaces, including leaves and stems. Once removed from the dip solution, cuttings can be potted, but allow plants to dry before watering.

**DOSAGE RATE FOR TURF AND SOIL APPLICATIONS IN CONTAINER**

**ORNAMENTALS**

For most soil applications, apply 1-4 oz. (up to 1/2 lb.) BotaniGard 22WP per 1,000 square feet. For difficult to control soil pests, especially citrus root weevil (*Diaprepes abbreviauis*), BotaniGard 22WP can be applied at 4 oz. per 1,000 square feet.

Do not apply to water-saturated soil. Apply BotaniGard 22WP in enough water to ensure good coverage of treated area, at least one gallon per 1,000 square feet. Irrigate treated area after application to disperse BotaniGard 22WP into soil.

**APPLICATION FREQUENCY**

Apply BotaniGard 22WP at 5-10 day intervals. High insect populations, especially whitefly and aphids, may require application at 2-5 day intervals. Repeat applications for as long as pest pressure persists. There is no limit on the number of applications or total amount of BotaniGard 22WP which can be applied in one season.

**PHYTOTOXICITY**

BotaniGard 22WP has shown plant safety but has not been tested on all plant varieties or in all available tank mixes. BotaniGard 22WP is non-phytotoxic to melons, tomatoes, cole crops and a wide variety of ornamentals at specified label dosage rates.

For best results, foliage should be dry at time of spraying. Test BotaniGard 22WP on a small number of plants to check for potential damage before applying to larger number of plants

**TANK MIX COMPATIBILITY**

BotaniGard 22WP is physically and biologically compatible with a wide range of insecticides and spray adjuvants. It is compatible with some fungicides in tank-mixtures. Fungicides may kill the spores. No label dosage should be exceeded. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

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**Adjuvants** BotaniGard 22WP is designed for application without additional wetting agents and spreaders. If adjuvants are needed for some other reason, contact your dealer or Laverlam International Corporation for specific instructions. Some wetting agents and spreaders kill the spores, the active ingredient in BotaniGard 22WP, or contribute to poor mixing and spray problems. In all cases, pesticides must be used in accordance with their labels.

**Compatibility With Chemical Insecticides** BotaniGard 22WP is compatible with most chemical insecticides. However, some insecticide formulations can kill the fungal spores, the active ingredient in BotaniGard 22WP. If you are going to use BotaniGard 22WP in combination with other pesticides, contact your dealer or Laverlam International Corporation for specific information. In all cases, pesticides must be used in accordance with their labels.

**Compatibility With Fungicides** BotaniGard 22WP is compatible in tank mix with some fungicides. Contact Laverlam International or your dealer for specific instructions on using BotaniGard 22WP with fungicides.

### **CHEMIGATION**

Do not apply this product through any type of irrigation system.

### **STORAGE AND DISPOSAL**

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

#### **PESTICIDE STORAGE**

Store in a cool, dry place. Avoid storage below freezing temperatures or above 85°F. BotaniGard 22WP stability decreases with time at elevated temperatures above 85°F. Tightly reclose the container of unused product. Do not contaminate unused product with water.

#### **PESTICIDE DISPOSAL**

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

#### **CONTAINER DISPOSAL**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

### **WARRANTY AND DISCLAIMER**

BotaniGard 22WP conforms to the description set forth on this label and is reasonably fit for the purposes described herein when used according to the label directions and specified conditions. The manufacturer disclaims any and all other express or implied warranties of merchantability and fitness for particular purpose. Buyers and users shall assume all risk and responsibility for potential loss or damage if this product is used, stored, handled or applied in a manner inconsistent with this labeling. To the extent permitted by law, manufacturer shall not be liable for more than the purchase price for the quantity involved including incidental, consequential or special damages.