

70127-5

10/15/2008

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Mr. Thomas Schreier
Regulatory Affairs Manager
Novozymes Biologicals, Incorporated
5400 Corporate Circle
Salem, VA 24153

OCT 15 2008

Re: Novozymes Biologicals, Incorporated; Taegro™
EPA Registration No. 70127-5
Minor Label ("Fast Track") Amendment
Original Application Dated 08/25/2008

Dear Mr. Schreier:

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

- 1) Structural and clarity adjustments to the Ingredient Statement, Precautionary Statements and the Directions for Use,
- 2) Modification of the Hazards to Humans and Domestic Animals section, First Aid box, Personal Protective Equipment section, User Safety Recommendations box, and Agricultural Use Requirements box to match the labeling provided in Chapters 7 and 10 of the Label Review Manual with the product's toxicity categories,
- 3) Modification of the "dust/mist filtering respirator" statement and addition of the "sensitization" statement in the Personal Protective Equipment section,
- 4) Insertion of an Engineering Controls section and a Non-agricultural Use Requirements box,
- 5) Revision of several statements, from advisory to mandatory, in the Directions for Use in accordance with PR Notice 2000-5,
- 6) Insertion of the pre-plant seed treatment language under the section, Seed Treatments, per Policy and Criteria Notice 2170.1 and Chapter 18 of the Label Review Manual,
- 7) Revision of the Chemigation section per PR Notice 1987-1, and
- 8) Revision of the Storage and Disposal statements in accordance with PR Notice 2007-4.

CONCURRENCES

| | | | | | | | | |
|---------|------------|----------|----------|--|--|--|--|--|
| SYMBOL | 7511P | 7511P | 7511P | | | | | |
| SURNAME | KAUSCH | Byrd | Reilly | | | | | |
| DATE | 10/14/2008 | 10/14/08 | 10-15-08 | | | | | |

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Thomas Schreier
EPA Registration No. 70127-5

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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.

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

Sincerely,



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

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

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[] – Denotes optional statements and/or images.
[This label reflects the unit package labeling]
[Note: The following information will appear on the front panel of the product container]

TAEGR0™

[Fungicide][For Suppression of Certain Diseases]
[For Plant Strengthening, Growth Enhancement and Suppression of Certain Diseases]
[(Brand family, not an alternate brand name) Roots®]

| | |
|---|--------|
| | % w/w |
| ACTIVE INGREDIENT: <i>Bacillus subtilis</i> var. <i>amyloliquefaciens</i> Strain FZB24* | 24.5% |
| OTHER INGREDIENTS | 75.5% |
| Total | 100.0% |

*Contains 5.0 x 10¹⁰ Colony Forming Units [(CFU)]/gram.

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

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 attached booklet for additional Precautionary Statements, First Aid, complete Directions for Use, and Warranty.

Net contents: [8.8 ounces; (250 gm)]

Novozymes Biologicals, Inc.
5400 Corporate Circle • Salem, VA 24153
1-800-342-6173
www.novozymes.com/roots

Made in U.S.A.
EPA Reg. No. 70127-5
EPA Est. No. 70127-VA-006

ACCEPTED

Not for sale or use after: [Date to be inserted]

OCT 15 2008

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 70127-5

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[Note: The following information will appear in a booklet attached to the back of the product container]

TAEGRO™

[Fungicide] [For Suppression of Certain Diseases]
[For Plant Strengthening, Growth Enhancement and Suppression of Certain Diseases]
[Roots®]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING - Causes skin irritation. Do not get on skin or on clothing. Wear coveralls worn over short-sleeved shirt and short pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Causes moderate eye irritation. Avoid contact with eyes. Wear protective eyewear such as goggles, face shield or shielded safety glasses. Harmful if absorbed through skin, inhaled or swallowed. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

| | |
|-------------------------|--|
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. |
| IF SWALLOWED: | <ul style="list-style-type: none"> • Call a Poison Control Center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls worn over short-sleeved shirt and short pants
- Socks
- Chemical-resistant footwear
- Chemical-resistant gloves
- Protective eyewear such as goggles, face shield or shielded safety glasses

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. When mixing and loading, wear a chemical-resistant apron. When cleaning equipment, wear a chemical resistant apron.

Follow the 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.

ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

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

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 when cleaning equipment or disposing of equipment wash waters or rinsate.

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PHYSICAL OR CHEMICAL HAZARDS

For spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300.

Net contents: [8.8 ounces; (250 gm)]

Novozymes Biologicals, Inc.

5400 Corporate Circle • Salem, VA 24153-3805 • 1-800-342-6173

www.novozymes.com/roots

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.

Not for sale, use or distribution in Hawaii.

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 only apply 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 12 hours.

EXCEPTION: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 worn over short-sleeved shirt and short pants
- Socks
- Chemical-resistant footwear
- Chemical-resistant gloves
- Protective eyewear such as goggles, face shield or shielded safety glasses

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NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses 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.

GENERAL

TAEGRO is [a fungicide] used for [plant strengthening, enhancing growth, increasing yields and for] suppressing selected soil-born diseases such as *Rhizoctonia* and *Fusarium* on vegetables, tree, vine, bush and other crops, herbs and spices, ornamentals, shrubs, shade and forest trees and turf.

Use Taegro on the following crops/plants grown outdoors, indoors, and in greenhouses:

VEGETABLES

| | | | |
|----------------------|-----------------|---------------------|-----------------|
| Artichoke, Jerusalem | Chinese Cabbage | Kohlrabi | Radishes |
| Artichokes | Collards | Leeks | Rhubarb |
| Asparagus | Corn, Pop | Lentils | Rutabagas |
| Beans | Corn, Sweet | Lettuce | Salsify |
| Bedding Plants | Cucumbers | Lupin | Seed Beds |
| Beets | Eggplant | Melons | Seedling Plants |
| Bok Choy | Endive | Mushrooms | Spinach |
| Broccoli | Flowers, Edible | Mustard Greens | Squash |
| Brussels Sprouts | Garlic | New Zealand Spinach | Strawberries |
| Cabbage | Ginseng | Nursery Crops | Sweet Potatoes |
| Carrots | Gourds | Okra | Swiss Chard |
| Cassava | Guar | Onions | Tomatillos |
| Cauliflower | Horseradish | Parsnips | Tomatoes |
| Celeriac | Jicama | Peas | Turnips |
| Celery | Jucabbu | Peppers | Wasabi |
| Chicory | Kale | Potatoes | Yams |
| | | Pumpkins | |

TREE, VINE, BUSH AND OTHER CROPS

| | | | |
|------------------------|-----------------------|----------------|------------------|
| Almonds | Coconuts | Limes | Pineapple |
| Apples | Coffee | Loquat | Pistachio |
| Apricots | Crabapple | Lychee | Plantains |
| Avocados | Cranberry | Macadamia Nuts | Plums |
| Bananas | Currant, Black or Red | Mandarin | Pomegranate |
| Bedding Plants | Cuttings | Mangoes | Prunes, Dry |
| Beechnut | Dewberry | Mayhaw | Prunes, Fresh |
| Blackberry | Elderberry | Mulberry | Pummelo |
| Blueberry | Filberts (Hazelnuts) | Nectarines | Quince |
| Brazil Nut | Gooseberry | Nursery Crops | Raisins |
| Butternut | Grapefruits | Olives | Raspberry |
| Caneberry | Guava | Oranges | Tamarind |
| Cashew (Nut and Fruit) | Hops | Papaya | Tangelos |
| Cherries, Sweet | Huckleberry | Peaches | Tangerines |
| Cherries, Tart | Kiwifruit | Pears | Walnuts, Black |
| Cloudberry | Kumquat | Pecans | Walnuts, English |
| | Lemons | Persimmon | |

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HERBS AND SPICES

| | | | |
|----------------|-------------|---------------|-----------------|
| Allspice | Cilantro | Lavender | Sage |
| Anise | Coriander | Lemongrass | Savory |
| Balm | Cress | Marjoram | Seed Beds |
| Basil | Cumin | Mints | Seedling Plants |
| Bedding plants | Curry | Nursery Crops | Sorrel |
| Borage | Dill | Nutmeg | Tarragon |
| Chamomile | Fennel | Oregano | Thyme |
| Caraway | Ginger | Parsley | Watercress |
| Catnip | Horseradish | Pennyroyal | Wintergreen |
| Chives | Hyssop | Rosemary | |

ORNAMENTALS

| | | | |
|---------------------|--------------------|-----------------------|-------------------------|
| Abutilon | Corcus | Honeysuckle | Poinsettia |
| Achillea | Coreopsis | Hosta (Plantain Lily) | Poppy |
| Actinopteris | Cosmos | Hoya (Wax plant) | Portulaca |
| African Violet | Crossandra | Hyacinth | Potentilla |
| Ageratum | Croton | Hydrangea | Pothos |
| Aglaonema | Crown of Thorns | Ice plant | Potted Flowering Plants |
| Ajuga | Cultivated Greens | Impatiens | Prayer Plant |
| Allamanda | Cut Florist Greens | Iris | Primrose |
| Allium | Cut Flowers | Ivy, Algerian | Pyracantha |
| Alocasia | Cuttings | Ivy, English | Ranunculus |
| Alyssum | Cyclamen | Jasmine | Rhododendron |
| Amaryllis | Daffodils | Jassamine | Rose |
| Anemone | Dahlia | Kalachoe | Rosemary |
| Annuals, Ornamental | Daisy | Lantana | Rubber Plant |
| Anthurium | Daylily | Liatris | Rudbeckia |
| Aphelandra | Delphinium | Lily | Saintpaulia |
| Aralia | Dianthus | Lily of the Nile | Salvia |
| Artemisia | Dieffenbachia | Liriope | Sansevieria |
| Aster | Dizygotheca | Lobelia | Schefflera |
| Azalea | Dracena | Loosestrile | Scilla |
| Baby's Breath | Dusty Miller | Lupine | Sedum |
| Bachelors Button | Easter Lily | Manvilla | Seed Beds |
| Bedding Plants | Echeveria | Maple, Flowering | Seedling plants |
| Beefsteak Plant | Episcia | Marigold | Sempervivum |
| Begonia | Euonymus | Monarda | Senecio |
| Bird of Paradise | Euphorbia | Mondo Grass | Shrubs |
| Bleeding Heart | Exacum | Morea, Yellow | Sinningia |
| Bougainvillea | False Dragonhead | Myrtle | Snapdragon |

| | | | |
|-------------------|-------------------|---------------|------------------|
| Bromeliad | Fatsia | Narcissus | Spathiphyllum |
| Bulbs | Ferns | Nasturtium | Stachys |
| Buttercup | Ficus | Nigella | Statice |
| Butterfly Bush | Fittonia | Nursery Crops | Stock |
| Cactus | Foliage Plants | Ophiopogon | Stokesia |
| Caladium | Foxglove | Orchid | Strawberry, wild |
| Calathea | Freesia | Ornithogalum | Strawflower |
| Calceolaria | Fuchsia | Osmanthus | Sweet pea |
| Calendula | Gaillardia | Oxalis | Sweet William |
| Calla Lily | Gardenia | Pachysandra | Syngonium |
| Calliandra | Gazania | Pansy | Tulip |
| Campanula | Geranium | Pelargonium | Verbena |
| Candy-Tuft | Gerbera | Peony | Veronica |
| Carnation | Geum | Peperomia | Vinca |
| Celosia | Gladiolus | Perwinkle | Violet |
| Centaurea | Gloxinia | Petunia | Virginia Creeper |
| Cerastium | Grape | Philodendrum | Wall flower |
| Chinese Evergreen | Grass, Ornamental | Phlox | Wandering jew |
| Chrysanthemum | Ground Covers | Photinia | Wisteria |
| Cineraria | Gynura | Pilea | Yarrow |
| Cockscomb | Gyposophila | Pinks | Yucca |
| Coleus | Hedera | Pittosporum | Zinnia |
| Columbine | Hibiscus | Plugs | |
| Coral Bells | Hollyhock | Podocarpus | |

SHRUBS

| | | | |
|-----------------------|--------------|------------------|--------------------|
| Abelia | Cleyera | Hickory | Pittosporum |
| Andromeda | Cordyline | Holly | Podocarpus |
| Arborvitae | Crape Myrtle | Hydrangea | Poinciana |
| Aucuba | Crotoneaster | Indian Hawthorne | Privet |
| Azalea | Cuttings | Juniper | Pyracantha |
| Bamboo | Daphne | Laurel | Quince, Ornamental |
| Barberry | Deutzia | Leucothoe | Rhamnus |
| Beauty Bush | Elderberry | Liqustrum | Rhododendron |
| Bedding Plants | Escallonia | Lilac | Rockrose |
| Blueberry, Ornamental | Eugenia | Lippia | Rose |
| Bog Rosemary | Euonymus | Manzanita | Santolina |
| Bottlebrush | Fig | Mock Orange | Snowberry |
| Boxwood | Firethorn | Nandina | Spicebrush |
| Bridal Wreath | Forsythia | Nursery Crops | Spirae |
| Broom | Fuchsia | Oleander | St. Johnswort |
| Buckthorn | Guava | Oregon Grape | Viburnum |
| Camellia | Hawthorn | Osmanthus | Wax Myrtle |
| Caranaga Carob | Heath | Pachistima | Weigla |
| Carex | Heather | Pachysandra | Yew |
| Ceanothus | Hibiscus | Photina | |

SHADE AND FOREST TREES

| | | | |
|-----------------|------------------|---------------|------------|
| Acacia | Cottonwood | Holly | Pine |
| Alder | Crabapple | Hornbeam | Poplar |
| Ash | Cuttings | Ironwood | Privet |
| Aspen | Cypress | Juneberry | Quince |
| Basswood | Dogwood | Juniper | Redbud |
| Bedding Plants | Douglas Fir | Larch | Redwood |
| Beech | Elder | Linden | Sassafras |
| Birch | Elm | Locust | Sourwood |
| Buckeye | Fir | Magnolia | Spruce |
| Butternut | Forest Seedlings | Maple | Sumac |
| Catalpa | Forest Trees | Mimosa | Sycamore |
| Cedar | Gingko | Mulberry | Tamarack |
| Chamaecyparis | Gum | Myrtle | Tulip Tree |
| Cherry, Wild | Hackberry | Nursery Crops | Willow |
| Chestnut | Hawthorn | Oak | Yellowwood |
| Christmas Trees | Hemlock | Palm | |
| Conifers | Hickory | PawPaw | |

TURF

| | | | |
|---------------------|--------------------------|----------------------|---------------------|
| Athletic Fields | Centipedegrass | Lawns, Commercial | Ryegrass, Perennial |
| Bahiagrass | Dichondra | Lawns, Industrial | Sod Farms |
| Bedding Plants | Fescue | Lawns, Institutional | St. Augustinegrass |
| Bentgrass | Golf Course, Fairways | Lawns, Residential | Turf, Commercial |
| Bermudagrass | Golf Course, Greens | Nursery Crops | Turf, Newly Plugged |
| Bluegrass, Kentucky | Golf Course, Roughs | Parks | Turf, Newly Sodded |
| Carpetgrass | Golf Course, Tees | Ryegrass, Annual | Zoysiagrass |

MIXING INSTRUCTIONS

TAEGRO must be pre-mixed thoroughly with water to assure a properly concentrated suspension. Mix the necessary amount of TAEGRO with one-third the desired final volume of water. When the suspension is thoroughly mixed, add the remaining water. Apply content of entire suspension within a few hours of mixing to ensure viability of TAEGRO. For best results, agitate final suspension immediately before application to ensure complete and even suspension of product.

USE OF FUNGICIDES PRIOR TO OR FOLLOWING TREATMENT WITH TAEGRO

TAEGRO is not a species of fungus. Fungicides, other than those containing hydrogen peroxide or hydrogen dioxide, may be used prior to or following treatment with TAEGRO, if necessary, without compromising the efficacy of TAEGRO.

APPLICATION INSTRUCTIONS

Apply TAEGRO as early as possible in the life cycle of the plant to enhance disease resistance. Apply Taegro to plants every few weeks, as needed, for up to three to four applications. For best results, apply TAEGRO to seedlings or to newly rooted cuttings.

Transplants, Including Plugs – Apply TAEGRO to transplants by dipping or drenching, making sure the root system is thoroughly soaked. For dipping, follow the instructions for “Cutting and Root Dips” before planting transplants into soil medium. For drenching, first plant the transplants into soil medium and then follow instructions for “Drenching.”

Drenching – Apply TAEGRO to seedlings or to newly rooted cuttings. Drench plants with the TAEGRO suspension making sure the root system is thoroughly soaked, allowing TAEGRO to work into the root zone.

Apply TAEGRO as follows:

- Per 100 gallons of water – By weight, use 75 grams or 2.6 ounces of TAEGR0; By volume, use 3.5 fluid ounces of TAEGR0
- Per 1 gallon of water – By weight, use 0.75 gram of TAEGR0; By volume, use 0.2 teaspoon of TAEGR0

Cutting and Root Dips – Stir suspension for several minutes to ensure complete mixture and to eliminate clumps. Place rootstock in the suspension for five to ten minutes allowing time for TAEGR0 to penetrate the root zone. For ornamentals, apply at least one follow-up drench treatment two to three weeks following initial treatment.

Apply TAEGR0 as follows:

- Per 10 gallons of water – [By weight,] use 40 grams of TAEGR0; [by volume,] Use 1.8 fluid ounces of TAEGR0.
- Per 1 gallon of water – [By weight,] use 4 grams of TAEGR0; [by volume,] Use 1 teaspoon of TAEGR0.
- Per 1 Liter of water – [By weight,] use 1 gram of TAEGR0

Turf: As an overhead spray, mix 75 grams of TAEGR0 in 100 gallons of water. Before applying, stir product for several minutes to ensure complete suspension. Apply suspension with a conventional sprayer using 50 gallons to 100 gallons of water per acre. Water-in TAEGR0 immediately after application with a minimum of 1/10 inch of water. For best results, make two or three applications spaced one week apart.

Row Crops: Mix 75 grams of TAEGR0 in 100 gallons of water which will treat up to two acres. Before applying, stir product for several minutes to ensure complete suspension. At time of (or just following) planting, apply as a spray over furrow. Water-in TAEGR0 immediately after application with a minimum of 1/10 inch of water. For best results, make two or three applications spaced one week apart.

Hydroponics: Prepare a stock solution by adding 1 gram of TAEGR0, for every 50 feet of irrigation tubing, in one gallon of water. Stir product for several minutes to ensure complete suspension. Add solution to circulating water system and allow to go through 3 to 5 watering cycles before clearing the system. For best results, make two or three applications spaced one week apart.

Seed Treatments: Prior to planting, mix 4 grams of TAEGR0 in 1 liter of water (or 3 teaspoons of TAEGR0 per gallon of water). Stir solution for several minutes to ensure complete suspension. Pour seeds into solution and allow to soak for 10 to 30 minutes. For very small seeds, soaking seedlings in plug trays after germination might be easier.

Do not use treated seed for food or feed purposes or process for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

Tubers, Bulbs and Corms: Mix 4 grams of TAEGR0 in 1 liter of water (or 3 teaspoons of TAEGR0 per gallon of water). Stir solution for several minutes to ensure complete

suspension. Dip tubers (or bulbs, etc.) for 10 to 30 minutes before planting. For best results, make two or three applications spaced one week apart.

Soil Incorporation: Mix TAEGRO into soil or soilless growing media at a rate of 8.8 oz. (250 grams) per cubic yard. Thoroughly mix media, using mechanical mixing equipment, to ensure a uniform distribution of product. Incorporated into soil, TAEGRO can be raked into growing beds prior to planting.

Mushrooms. Mix TAEGRO into spawn medium at a rate of 10 grams per cubic foot. Thoroughly mix, using mechanical mixing equipment, to ensure a uniform distribution of product.

Interiorscapes. Before application, thoroughly moisten root zone with water. Mix 1 gram of TAEGRO per 1 liter of water (or $\frac{3}{4}$ teaspoon of TAEGRO per gallon of water). Stir solution for several minutes to ensure complete suspension. Drench solution onto root zone to ensure coverage to all roots. TAEGRO performs best when applied to seedlings or young plants. For best results, make two or three applications spaced one week apart.

Orchids and Ferns. For potted orchids and ferns, follow directions for drenching. For orchids and ferns with exposed roots, prepare 4 grams of TAEGRO in 1 liter of water (or 3 teaspoons of TAEGRO per gallon of water.) Pour solution into spray container (or squirt bottle) and spray roots to point of drip. TAEGRO performs best when applied to seedlings or young plants. For best results, make two or three applications spaced one week apart.

CHEMIGATION

General Requirements

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; flood (basin); furrow; border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

General Instructions for Use of TAEURO in Chemigation

Mixing and Application Instructions: A pesticide supply tank is recommended. Fill supply tank with water to approximately one-half of the desired volume and add TAEURO, mixing while pouring in TAEURO. Fill the supply tank with the remaining water to obtain the desired volume. Continuous agitation of TAEURO in the supply tank is required.

Mix 75 grams (2.65 oz.) of TAEURO in 100 gallons of water. Use irrigation levels of 0.2 to 0.5 inches of water per acre. Inject TAEURO into irrigation system for no more than the last 30 minutes of chemigation. For best results, make two to three applications spaced one week apart. Use more frequent applications for high disease pressure. Apply in sufficient amount of water to move into the root zone but not to runoff.

Compatibility: If TAEURO is applied in combination with other pesticides, determine compatibility prior to application through the irrigation system. Pour the products into a small container of water in the correct proportions and mix. Let stand for ten (10) minutes and if the product combination remains mixed or can easily be remixed, the mixture is compatible. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing. Test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application.

Requirements for Chemigation Systems Connected to Public Water Systems

- 1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
- 4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Requirements for Sprinkler Chemigation

- 1) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials

that are compatible with pesticides and capable of being fitted with a system interlock.

- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Requirements for Flood (Basin), Furrow and Border Chemigation

- 1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from back flow if water flow stops.
- 2) Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - a. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
 - b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 - c. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
 - d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 - e. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
 - f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Requirements for Drip (Trickle) Chemigation

- 1) The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

WARRANTY: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. Novozymes Biologicals warrants that at the time of the first sale of this product it conforms to the chemical description on the label and when used according to the label directions under normal growing conditions is reasonably fit for the purposes referred to above. Buyers/Users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Novozymes Biologicals. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTY TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

TAEGRO consists of living microbes. Do not freeze or expose to temperatures above 80° F. Close opened packages tightly. Store in a cool, dry place and used within one month or store in a refrigerator and use within one year.

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. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

[Note to reviewer: The "Not for sale or use after (date)" is to serve as the batch code.]

[Note to reviewer: This product is sold in a flexible plastic bags.]

[Note: The following information will be affixed to the unit package]

TAEGRO™

[Fungicide] [For Suppression of Certain Diseases]
[For Plant Strengthening, Growth Enhancement and Suppression of Certain Diseases]
[Roots ®]

| | |
|---|--------|
| | % w/w |
| ACTIVE INGREDIENT: <i>Bacillus subtilis</i> var. <i>amyloliquefaciens</i> Strain FZB24* | 24.5% |
| OTHER INGREDIENTS | 75.5% |
| Total | 100.0% |

*Contains 5.0 x 10¹⁰ Colony Forming Units [(CFU)]/gram.

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

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 attached booklet for Precautionary Statements, First Aid, complete Directions for Use and Warranty.

STORAGE AND DISPOSAL

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

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Net contents: [8.8 ounces; (250 gm)]

Novozymes Biologicals, Inc.
5400 Corporate Circle • Salem, VA 24153
1-800-342-6173•
www.novozymes.com/roots

Made in U.S.A.
EPA Reg. No. 70127-5
EPA Est. No. 70127-VA-006

[Label version: 2651-418v1108. Changes resulting from EPA review contained in e-mail dated 10-3-08.]

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