

70127-5

Jackets
~~1/13~~ 1/13

10/03/2007

OCT 3 2007

Ms. Sherri Gray
Exponent
1150 Connecticut Avenue, NW
Washington, DC 20036

Subject: Notification of addition of Spanish signal word, Aviso
And corresponding Spanish statement
Product: Taegro™ - EPA Registration No. 70127-5
Letter dated September 21, 2007

Dear Ms. Gray:

The Biopesticides and Pollution Prevention Division is in receipt of the above dated application. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action requested falls within the scope of PR 98-10. Our records have been duly noted, and the label submitted with this application has been stamped Notification received, but not reviewed and will be placed accordingly in our records.

Questions concerning this action should be directed to me at 703-308-8269 or email at reilly.sheryl@epa.gov.

Sincerely,

Sheryl K. Reilly

Sheryl K. Reilly, PhD, Chief
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division

CONCURRENCES

SYMBOL	▶ 75.11P						
SURNAME	▶ Pollard						
DATE	▶ 10/3/07						

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Exponent®

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Exponent
1150 Connecticut Avenue, NW
Suite 1100
Washington, DC 20036

September 21, 2007

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facsimile 202-772-4979
www.exponent.com

Sheryl Reilly, Ph.D.
Biopesticides and Pollution Prevention Division
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

**RE: Submission of Label Notification per PR Notice 98-10
TAEGRO™, EPA Registration No. 70127-5**

Dear Dr. Reilly:

On behalf of Novozymes Biologicals, Inc. (5400 Corporate Circle, Salem, Virginia 24153), Exponent is submitting a notification to add the Spanish signal word, Aviso, and its corresponding Spanish statement per PR Notice 98-10 to the end-use product TAEGRO™, containing the active ingredient *Bacillus subtilis* var. *amyloliquefaciens* Strain FZB24 (EPA Registration Number 70127-5). The following items are enclosed in support of this notification:

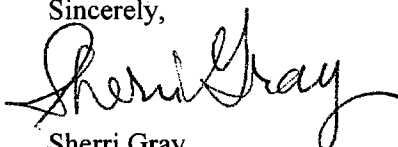
- Application for Pesticide, EPA 8570-1 Form; and
- Label reflecting minor labeling changes (5 copies, 1 with changes highlighted).

This change is being made via notification because the product TAEGRO™ is subject to the Worker Protection Standard (WPS) and is classified as Toxicity Category II and therefore, per the Label Review Manual, the Spanish language signal word and corresponding statements are required on the label. No other changes have been made to the label.

This notification is consistent with provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions, please contact me at (202) 772-4964.

Sincerely,



Sherri Gray
Authorized Representative of
Novozymes Biologicals, Inc.

Enclosures



United States
Environmental Protection Agency
Washington, DC 20460

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Registration
 Amendment
 Other *NOEF*



OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 70127-5	2. EPA Product Manager Sheryl Reilly	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Novozymes Biologicals, Inc./TAEGRO	PM# 92	
5. Name and Address of Applicant (Include ZIP Code) Novozymes Biologicals, Inc. 5400 Corporate Circle Salem, VA 24153 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of label notification for TAEGRO, EPA Registration Number 70127-5.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> Text <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Sherri Gray	Title Authorized Representative	Telephone No. (Include Area Code) 202-772-4964
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature <i>Sherri Gray</i>	3. Title Authorized Representative
4. Typed Name Sherri Gray	5. Date 9/21/07

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TAEGR0™

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.)

NOTIFICATION

Received But Not Reviewed

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Date: 10/3/07

WARNING

Initial: cp

Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Causes skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If a person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN OR CLOTHING: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation develops.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. Dust-mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter. 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.

EMERGENCY INFORMATION

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

ENVIRONMENTAL HAZARDS

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 washwaters.

Not for Sale or Use after (Date to Be Inserted)

Net Contents: 8.8 Ounces; 250 Grams

Novozymes Biologicals, Inc.
5400 Corporate Circle
Salem, VA 24153 U.S.A.

EPA Establishment Number: 070127-VA-006

EPA Registration Number: 70127-5

Made in U.S.A.

DIRECTIONS FOR USE

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use, sale or distribution in Hawaii.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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.

For uses that are incorporated mechanically or by irrigation, do not enter treated areas without footwear until dust has settled. There is no restricted-entry interval (REI) requirement for uses that are incorporated. For all other uses, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove personal protection equipment immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

GENERAL

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

TAEGRO is recommended for use on the following crops/plants grown in the greenhouse, indoors, or outdoors:

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VEGETABLES

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

TREE, VINE, BUSH AND OTHER CROPS

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

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

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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	Jessamine	Rose
Anemone	Dahlia	Kalanchoe	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	Philodendrum	Virginia Creeper
Cerastium	Grape	Phlox	Wall Flower
Chinese Evergreen	Grass, Ornamental	Photinia	Wandering Jew
Chrysanthemum	Ground Covers	Pilea	Wisteria
Cineraria	Gynura	Pinks	Yarrow
Cockscomb	Gypsophila	Pittosporum	Yucca
Coleus	Hedera	Plugs	Zinnia
Columbine	Hibiscus	Podocarpus	
Coral Bells	Hollyhock		

SHRUBS

- | | | | |
|-----------------------|--------------|-----------------|--------------------|
| Abelia | Cleyera | Hickory | Pittosporum |
| Andromeda | Cordyline | Holly | Podocarpus |
| Arborvitae | Crape Myrtle | Hydrangea | Poinciana |
| Aucuba | Crotoneaster | Indian Hawthorn | Privet |
| Azalea | Cuttings | Juniper | Pyracantha |
| Bamboo | Daphne | Laurel | Quince, Ornamental |
| Barberry | Deutzia | Leucothoe | Rhamnus |
| Beauty Bush | Elderberry | Ligustrum | 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 | Photinia | |

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 |

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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 efficacy of **TAEGRO**.

APPLICATION INSTRUCTIONS

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

Transplants, Including Plugs – **TAEGRO** may be applied to transplants by dipping or by 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; By volume use 3.5 fluid ounces of **TAEGRO**
- Per 1 gallon of water – By weight use 0.75 gram; By volume use 0.2 teaspoon of **TAEGRO**

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 **TAEGRO** to penetrate the root zone. Ornamentals should receive at least one follow-up drench treatment two to three weeks following initial treatment.

Apply **TAEGRO** as follows:

- Per 10 gallons of water – By weight, use 40 grams; By volume, 1.8 fluid ounces of **TAEGRO**
- Per 1 gallon of water – By weight, use 4 grams; By volume, use 1 teaspoon of **TAEGRO**
- Per 1 Liter of water – By weight, use 1 gram of **TAEGRO**

Turf: As an overhead spray, mix 75 grams of **TAEGRO** 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 **TAEGRO** 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 **TAEGRO** 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 **TAEGRO** immediately after application with a minimum of 1/10 inch of water. For best results, make two or three applications spaced one week apart.

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Hydroponics: Prepare a stock solution by adding 1 gram of **TAEGRO**, 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 **TAEGRO** in 1 liter of water (or 3 teaspoons 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.

Tubers, Bulbs and Corms: Mix 4 grams of **TAEGRO** in 1 liter of water (or 3 teaspoons 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 250 grams (8.8 oz.) 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 3/4 teaspoon 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 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

TAEGRO may be applied alone or in combination with other pesticides registered for application through sprinkler (including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move), food (basin); furrow; border or drip (trickle) irrigation system(s). Do not apply this product through any other type of irrigation system.

If **TAEGRO** is applied in combination with other pesticides, compatibility should be determined 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 be easily remixed, the mixture is compatible

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Crop injury, lack of effectiveness, or illegal pesticide residues in the crop 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 TAEGRO in Chemigation

A pesticide supply tank is recommended. Fill supply tank to approximately one-half of the desired volume and add **TAEGRO**, mixing while pouring in **TAEGRO**. Fill the supply tank to the desired volume. Continuous agitation of **TAEGRO** in the supply tank is required.

Mix 75 grams (2.6 oz.) of **TAEGRO** in 100 gallons of water. Use irrigation levels of 0.2 to 0.5 inches of water per acre. Inject **TAEGRO** into irrigation system for no more than last 30 minutes of chemigation. For best results, make two or three applications spaced one week apart. Use more frequent applications for high disease pressure. Apply in sufficient amount of water to move into root zone, but not to runoff.

Chemigation System 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 (RPZ), back flow preventer 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.

Drip (Trickle) and 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 dosed, 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.

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7. Do not apply using sprinkler chemigation when wind speed favors drift beyond the area intended for treatment.

Floor (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.

STORAGE AND DISPOSAL

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

STORAGE: TAEGRO consists of living microbes. Store in a cool dry place. Do not freeze or expose to temperatures above 80° F. Opened packages should be closed tightly and stored in a cool dry place and used within one month or in a refrigerator and used within one year.

PESTICIDE DISPOSAL: Unused TAEGRO and wastes resulting from the use of this product may be disposed of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONTAINER DISPOSAL: Dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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

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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.