

70127-5

3/9/2012

1/24



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

MAR 9 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms Carrie Daniels Agent for Novozymes Biologicals Inc
Exponent
1150 Connecticut Avenue N W
Suite 1100
Washington DC 20036

RE Revised Label for Taegro (EPA Reg No 70127 5)
OPP Decision Number D457033

Dear Ms Daniels

The Agency has reviewed your request to amend the subject product registration label
Your request to amend the Taegro label included the following changes

- 1 Addition of foliar applications to the use directions
- 2 The application rate and number of applications is revised providing a range from 2.6 oz/acre up to 5.2 oz/acre and allowing up to 12 applications/ year

The Agency has reviewed the submitted non target insect toxicity data and BPPD has determined that the Tier I non target organism data set is complete for *Bacillus subtilis* Var *amyloliquefaciens* FZB24 to support the label amendment However if an amendment is submitted in the future that increases foliar application rates for Taegro the registrant should expect that additional testing with honey bees at higher dosages may be required A copy of the Ecological Risk Assessment dated March 5 2012 is enclosed

The label amendment referred to above submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide Fungicide and Rodenticide Act as amended is 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 the final printed labeling prior to releasing the product for shipment

CONCURRENCES							
SYMBOL ▶	711P						
SURNAME ▶	[Signature]						
DATE ▶	3/8/12						

If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA § 6(e) Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions If you have any further questions regarding this please do not hesitate to contact Susanne Cerrelli at 703 308 8077 (cerrelli_susanne@epa.gov) or me at 703 308 8269 (reilly_sheryl@epa.gov)

Sincerely



Sheryl K. Reilly Ph.D.

Chief

Biopesticides and Pollution Prevention Division
Microbial Pesticides Branch (7511P)

Enclosures

3/24

[] – Denotes optional statements and/or images
[This label reflects the unit package labeling]
[Note The following information will be presented as a booklet on the front of the product container Page 1 and 2 are the primary display panel of the booklet]

TAE GRO™

[Fungicide][For Suppression of Certain Diseases]
[TAE GRO is an Agricultural Biofungicide/Bactericide for Suppression of Certain Diseases]
[For Plant Strengthening Growth Enhancement and Suppression of Certain Diseases]

	% w/w
ACTIVE INGREDIENT <i>Bacillus subtilis</i> var <i>amyloliquefaciens</i> Strain FZB24*	13 0%
OTHER INGREDIENTS	<u>87 0%</u>
Total	100 0%

*Contains a minimum of 1 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 and Complete Directions for Use and Warranty

Net contents [8 8 ounces (250 gm) or 13 2 oz (375gm) or 1 pound (lb) 10 5 oz (750gm)]

Novozymes Biologicals Inc
5400 Corporate Circle Salem VA 24153
1 888 744 5662

EPA Reg No 70127 5
EPA Est No 33967-NJ 1 [70127 VA 004]
Made in the USA

ACCEPTED

MAR 9 2012

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

[NOVOZYMES RETHINK TOMORROW] [LOGO]

Batch Code and Expiration Date [Batch code and expiration date to be inserted]

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 and 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

5/24

[Note The following information represents the beginning of the inside pages of the booklet attached to the front of the product container]

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

924

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 washwater or rinsate

PHYSICAL OR CHEMICAL HAZARDS

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

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 24 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

For early entry into 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 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

Soil Injected, Sprayed or Incorporated Use Recommendations

Crop	Diseases	Rate (Oz/Acre)	Use Recommendations
Leafy Vegetables Head/Leaf Lettuce Celery Spinach Radicchio Endive Arugula Mache Parsley Rhubarb Swiss Chard	Rhizoctonia	2.6 - 5.2 oz	<ul style="list-style-type: none"> Apply at planting or immediately following through overhead sprinkler drip injection in furrow soil spray or with liquid fertilizer at planting Follow with sprinkler basal sprays or drip injection every 7 - 14 days as needed through the season. When using basal spray incorporate by following with irrigation to soak root zone Fields with historical <u>Rhizoctonia</u> and <u>Fusarium</u> problems may require more applications and shorter frequency for better efficacy
	Fusarium		
	Sclerotinia	2.6 - 5.2 oz	<ul style="list-style-type: none"> Apply at planting (seeded or transplanting) or immediately following planting as a soil spray (in furrow with the seed drip (buried surface) or with liquid fertilizer applied at planting Sequential applications should initiate at lettuce thinning and continuing every 7 - 14 days depending on disease pressure Applications for <i>S. minor</i> control should be applied to the root zone for optimum protection with in furrow and drip applications as the best methods to get Taegro into the root zone A combination of applications for <i>S. sclerotiorum</i> control should be drip soil surface applications and foliar applications at infestation sites (dead or dying tissue) for optimum control Fields with historical <u>Sclerotinia</u> problems may require a higher rate more applications and shorter application intervals for better efficacy

8/24

NON AGRICULUTURAL 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 bacterial based biofungicide/bactericide used for suppressing selected soil borne and foliar diseases on agricultural [[and ornamental] [and other]] crops as listed on the following pages

TAEGRO is most effective in low to medium disease pressure situations and should be applied prior to disease or at disease establishment so suppression action is maximized Use TAEGRO on the following [agricultural] crops grown outdoors and in greenhouses

Fruiting Vegetables Tomato	Rhizoctonia	2 6 5 2 oz	<ul style="list-style-type: none"> • Apply as drench on transplants prior to planting • Apply w/liquid fertilizer or as an in furrow soil spray or drip irrigation injection at or immediately following planting • Follow with drip injection or basal sprays every 7 14 days as needed through the season When using basal spray incorporate by following with irrigation to soak root zone • Fields with historical <u>Rhizoctonia</u> <u>Fusarium</u> <u>Phytophthora</u> and <u>Pythium</u> problems may require more applications and shorter frequency for better efficacy
	Fusarium	2 6 5 2 oz	
	<i>Phytophthora</i>	2 6 5 2 oz	
	Pythium	2 6 5 2 oz	
Peppers	<i>Phytophthora</i>	2 6 5 2 oz	<ul style="list-style-type: none"> • Fields with historical <u>Rhizoctonia</u> <u>Fusarium</u> <u>Phytophthora</u> and <u>Pythium</u> problems may require more applications and shorter frequency for better efficacy
	Pythium	2 6 5 2 oz	
Cucurbits Cantaloupe Honey Dew Cucumber Squash Watermelon	Rhizoctonia	2 6 5 2 oz	<ul style="list-style-type: none"> • Apply as drench on transplants prior to planting • Apply at planting or immediately following planting as an in furrow soil spray or with liquid fertilizer • Follow with drip irrigation or basal sprays every 7 14 days as needed through the season When using basal spray incorporate by following with irrigation to soak root zone • Fields with historical <u>Rhizoctonia</u> <u>Fusarium</u> <u>Phytophthora</u> and <u>Pythium</u> problems may require more applications and shorter frequency for better efficacy
	Fusarium		
	<i>Phytophthora</i>		
	Pythium		
		Rate(oz/100 Gal)	
Ornamentals	Rhizoctonia	2 6 – 5 2 oz	<ul style="list-style-type: none"> • Apply enough solution to thoroughly soak the root zone in growing media • Start applications prior to disease or at disease establishment Apply every 7 14 days alone or in rotation or tank mix with other registered fungicides
	Fusarium		
	<i>Phytophthora</i>		
	Pythium		

10/24

Foliar Use Recommendations

Crop	Diseases	Rate (Oz/Acre)	Use Recommendations
Leafy Vegetables Lettuce Celery Spinach Radicchio Endive Arugula Mache Parsley Rhubarb Swiss Chard	Downy Mildew	2.6 - 5.2 oz	<ul style="list-style-type: none"> Start applications prior to disease or at disease establishment. Apply every 7-14 days alone or in rotation or tank mix with other registered fungicides. Apply enough spray solution for thorough coverage and the addition of a non ionic surfactant may improve disease control.
Fruiting Vegetable Tomato	Powdery Mildew	2.6 - 5.2 oz	<ul style="list-style-type: none"> Start applications prior to disease or at disease establishment. Apply every 7-14 days alone or in rotation or tank mix with other registered fungicides. Apply enough spray solution for thorough coverage and the addition of a non ionic surfactant may improve disease control.
	Early Blight	2.6 - 5.2 oz	
	Late Blight	2.6 - 5.2 oz	
	Bacterial Speck – Pseudomonas	2.6 - 5.2 oz	
	Bacterial Spot – Xanthomonas	2.6 - 5.2 oz	
Pepper	Bacterial Spot – Xanthomonas	2.6 - 5.2 oz	<ul style="list-style-type: none"> Start applications prior to disease or at disease establishment. Apply every 7-14 days alone or in rotation or tank mix with other registered fungicides. Apply enough spray solution for thorough coverage and the addition of a non ionic surfactant may improve disease control.
	Powdery Mildew	2.6 - 5.2 oz	
Cucurbits Cantaloupe Honey Dew Cucumber Squash Watermelon	Powdery Mildew	2.6 - 5.2 oz	<ul style="list-style-type: none"> Start applications prior to disease or at disease establishment. Apply every 7-14 days alone or in rotation or tank mix with other registered fungicides. Apply enough spray solution for thorough coverage and the addition of a non ionic surfactant may improve disease control.

[Taegro can also be used [via [soil] [or] [foliar] application] on the vegetables tree vine bushes and other crops herbs and spices ornamentals shrubs shade and forest trees and turf as listed in Attachment 1 according to the application instructions on the following pages]

MIXING INSTRUCTIONS

TAEGRO must be pre mixed thoroughly with water to assure a properly distributed suspension Mix the necessary amount of TAEGRO with three quarters of the water needed to reach final volume If mix water pH is less than 5 or greater than 8 pH adjustment and buffering may improve suspension Begin agitation or mixing before metering TAEGRO into the suspension When the suspension is thoroughly mixed add the remaining water For best results agitate final suspension immediately before application to ensure complete and even suspension of product Apply content of entire suspension within a few hours of mixing to ensure viability of TAEGRO

COMPATIBILITY

TAEGRO is compatible with many commonly used plant protection products and fertilizers but has not been evaluated with all potential combinations of products that might be in tank mixes To ensure compatibility conduct a jar test by mixing proportionally scaled down quantities of the desired tank mix components in proportional amount of water Add powders and granules first followed by suspensions and liquids Let the mix sit for 5 10 minutes If the mix stays in solution or re suspends it is physically compatible If possible spray the jar mix on a small section of crop to confirm crop safety of the mix

APPLICATION INSTRUCTIONS

Apply TAEGRO as early as possible in the life cycle of the plant to enhance disease protection Apply TAEGRO to plants according to use patterns by disease crop and disease pressure as needed for up to 12 applications per season For best results initiate TAEGRO applications prior to disease establishment while the disease pressure is low to medium When diseases reach medium to high pressure TAEGRO is most effective in tank mixes or rotations with other fungicides as an excellent resistance management tool

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 In greenhouse production apply TAEGRO to newly sown transplants

Drenching – Apply TAEGRO to seedlings or newly rooted cuttings Drench soil around plants with the TAEGRO suspension making sure TAEGRO is thoroughly drenched into the root zone

Mix and Apply TAEGRO as follows

Per 100 gallons of water – By weight use 75 150 grams (2 6 5 2 oz) of TAEGRO By volume use 3 5 7 0 fluid ounces of TAEGRO

Per 1 gallon of water –By weight use 1 5 grams (0 05 oz) of TAEGRO

12/29

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

Mix and Apply TAEGR0 as follows

Per 1 gallon of water – [By weight] use 8 grams (0 28 oz) of TAEGR0 [By volume] use 2 teaspoons of TAEGR0

Row Crops TAEGR0 should be applied in an application volume that provides adequate coverage and placement for optimum crop protection and disease prevention Application rates of 2 6 to 5 2 oz per acre in 20 50 gallons per acre should be used for low biomass crops to provide optimum coverage Foliar disease control on high biomass crops and crop stages and soil drench applications should be made at 2 6 to 5 2 oz per 100 gallons at total applications volumes that provide optimum coverage and disease protection

Seed Treatments Using the table below Apply the specified amount of TAEGR0 into specified amount of water and apply to the seed per your usual seed treatment method

Seed	Taegro/seed		Water/seed	
	oz TAEGR0/lb seed	g TAEGR0 /kg seed	oz water/lb seed	fluid ml water/kg seed
Beet	0 54	15 30	0 47	30 6
Canola	0 96	27 25	0 84	54 5
Corn	0 40	11 34	0 58	37 8
Cotton	0 67	18 90	0 58	37 8
Cucumber	0 96	27 25	0 84	54 5
Garden Bean	0 05	1 40	0 09	5 6
Lettuce – Pelletized	0 93	26 45	0 81	52 9
Lettuce – Unpelletized	0 58	16 45	0 50	32 9
Onion	1 44	40 90	1 25	81 8
Pepper	0 96	27 25	0 84	54 5
Soy	0 06	1 55	0 12	7 75
Tomato	1 44	40 90	1 25	81 8
Wheat	0 07	1 92	0 10	6 4

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 treatments and planting Do not store excess treated seeds beyond planting time

Soil Incorporation Mix TAEGR0 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

13/24

to ensure a uniform distribution of product Incorporated into soil TAEGR0 can be raked into growing beds prior to planting

Hydroponics Prepare a stock solution by adding 1 gram (¼ teaspoon) 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 three to five watering cycles before clearing the system For best results make two or three applications spaced one week apart

Mushrooms Mix TAEGR0 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 TAEGR0 per 1 liter of water (or ¾ teaspoon of TAEGR0 per gallon of water) Stir solution for several minutes to ensure complete suspension Drench solution onto root zone to ensure coverage to all roots TAEGR0 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 TAEGR0 in 1 liter of water (or 3 teaspoons of TAEGR0 per gallon of water) Pour solution into spray container (or squirt bottle) and spray roots to point of drip TAEGR0 performs best when applied to seedlings or young plants For best results make two or three applications spaced one week apart

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

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

CHEMIGATION

General Requirements

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

Crop injury inconsistent results or excessive residues can result from non uniform applications that have not been adequately mixed and applied through equipment that has been properly calibrated

14/24

A good source for answers if you have questions about calibration is your local State Cooperative Extension Service specialists equipment manufacturers or university calibration guides

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

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 TAEGRO mixing while pouring in TAEGRO Fill the supply tank to the desired volume Continuous agitation of TAEGRO in the supply tank is required to achieve optimum coverage and crop protection

Mix 75 150 grams (2 6 5 2 oz) of TAEGRO in 100 gallons of water Use irrigation levels of 0 2 to 0 5 inches of water per acre as a guideline but additional irrigation volumes may be required for optimum coverage depending on soil texture and soil moisture levels at the time of application The irrigation system should be purged prior to injecting TAEGRO Once the targeted application has been completed flush the system thoroughly with nontreated water

Compatibility If TAEGRO 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 phyto toxic 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 (RPZ) back flow preventer or the functional equivalent in

15/24

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

16/24

- 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 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

17/24

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 GUARANTEE 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. Store at room temperature but do not exceed 95 F (35 C) and use within one year. Do not freeze. Close opened packages tightly.

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: This product is sold in a flexible plastic/foil lined bag.]

18/24

ATTACHMENT 1

VEGETABLES

Artichokes 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	Pineapples
Apples	Coffee	Loquat	Pistachios
Apricots	Crabapples	Lychee	Plantains
Avocados	Cranberries	Macadamia Nuts	Plums
Bananas	Currants Black or Red	Mandarins	Pomegranates
Bedding Plants	Cuttings	Mangoes	Prunes Dry
Beechnuts	Dewberries	Mayhaw	Prunes Fresh
Blackberries	Elderberries	Mulberries	Pummelos
Blueberries	Filberts (Hazelnuts)	Nectarines	Quince
Brazil Nut	Gooseberries	Nursery Crops	Raisins
Butternut	Grapefruit	Olives	Raspberry
Caneberries	Guava	Oranges	Tamarind
Cashews (Nut and Fruit)	Hops	Papayas	Tangelos
Cherries Sweet	Huckleberries	Peaches	Tangerines
Cherries Tart	Kiwifruit	Pears	Walnuts Black
Cloudberries	Kumquat	Pecans	Walnuts English
	Lemons	Persimmon	

19/24

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

20/24

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

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 Augustine Grass
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

2/24

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

TAEGRO™

[Fungicide][For Suppression of Certain Diseases]

[TAEGRO is an Agricultural Biofungicide/Bactericide for Suppression of Certain Diseases]

[For Plant Strengthening Growth Enhancement and Suppression of Certain Diseases]

	% w/w
ACTIVE INGREDIENT <i>Bacillus subtilis</i> var <i>amyloliquefaciens</i> Strain FZB24*	13.0%
OTHER INGREDIENTS	<u>87.0%</u>
Total	100.0%

*Contains a minimum of 1.0×10^{10} 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

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	

Net contents 8.8 ounces (250 gm) or 13.2 oz (375gm) or 1 pound (lb) 10.5 oz (750gm)]

Novozymes Biologicals Inc
5400 Corporate Circle Salem VA 24153 USA
1 800 342 6173

EPA Reg No 70127 5
EPA Est No 33967 NJ 1 [70127 VA 004]
Made in USA

[NOVOZYMES RETHINK TOMORROW] [LOGO]

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE

TAEGRO consists of living microbes Store at room temperature but do not exceed 95 F (35 C) and use within one year Do not freeze Close opened packages tightly

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 This product is sold in a flexible plastic/foiled lined bag]