



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 21, 2026

SENT BY EMAIL

Yash Joshi
yash.joshi@syntechresearch.com
BIOCONTROL TECHNOLOGIES, S.L.

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - To Add State Specific Language to the Label
Product Name: T34 BIOCONTROL
Admin Number: 87301-1
EPA Receipt Date: 07/14/2025
Action Case Number: 00661899

Dear Yash Joshi:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Emilie Cooper by telephone at (850) 934-9365 or via email at cooper.emilie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Queen". The signature is fluid and cursive, with a large, stylized "A" and "Q".

Andrew Queen, Risk Manager
MPB, BPPD
Office of Pesticide Programs

[Master Label:
Sub-Label A (Agricultural Uses): Pages 2 – 14
Sub-Label B (Residential Uses): Pages 15 – 20]

[Text and logos in brackets are optional.]



T34 BIOCONTROL®

[ABN: Asperello T34 BIOCONTROL]

Biological Fungicide and Bactericide Wettable Powder

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

Trichoderma asperellum, strain T34* 12.00 %

OTHER INGREDIENTS: 88.00 %

TOTAL: 100.00%

*Contains 3 x 10¹¹ colony forming units per Kg of product.

[Information regarding the contents and levels of metals in this product is available on the internet at: https://www.aapfco.org/metals.html](https://www.aapfco.org/metals.html)

KEEP OUT OF REACH OF CHILDREN

CAUTION

First Aid	
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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 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 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call the Poison Control Center **1-800-222-1222**. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

{Optional referral statements when booklets and container labels are used:}

[See label booklet for [additional] [complete] [First Aid.] [Precautionary Statements.] [Directions For Use,] and [Storage and Disposal.]

Manufactured for:

Biocontrol Technologies, S.L.
Avgda. Madrid, 215-217, entresol A
08014 Barcelona, Spain

Batch number: _____
EPA Reg. No: 87301-1

EPA Est. No: _____

Net Weight: _____ oz. (g)

NOTIFICATION

87301-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

01/21/2026

[Sub-Label A (Agricultural Uses): Pages 2 – 14]

[Text and logos in brackets are optional.]



T34 BIOCONTROL®

[ABN: Asperello T34 BIOCONTROL]

Biological Fungicide and Bactericide Wettable Powder

[For the protection of crops against diseases caused by: *Botrytis cinerea*, *Burkholderia glumae*, *Cephalosporium maydis*, *Didymella bryoniae*, *Fusarium* spp., *Gibberella fujikuroi*, *Leptosphaeria lindquistii*, *Macrophomina phaseolina*, *Magnaporthe oryzae*, *Mycosphaerella* spp., *Phytophthora* spp., *Pythium* spp., *Ralstonia solanacearum*, *Rhizoctonia* spp., *Sclerotinia* spp. and *Sclerotium* spp.]

[For protection of crops against diseases]

[Use in field applications, greenhouses, glasshouses, nurseries, shade houses, landscapes]

[For indoor and outdoor crops]

[For agricultural use]

[For use on vegetables, fruits, lawns, sod, trees, shrubs, ornamentals]

[For use as a seed treatment]

[For use on ornamentals, food, and non food crops]

Information regarding the contents and levels of metals in this product is available on the internet at: <https://www.aapfco.org/metals.html>

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READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

Trichoderma asperellum, strain T34* 12.00 %

OTHER INGREDIENTS: 88.00 %

TOTAL: 100.00%

*Contains 3 x 10¹¹ colony forming units per Kg of product.

KEEP OUT OF REACH OF CHILDREN

CAUTION

First Aid	
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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 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 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call the Poison Control Center **1-800-222-1222**. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

(Optional referral statements when booklets and container labels are used:) [See label booklet for [additional] [complete] [First Aid] [Precautionary Statements] [Directions For Use,] and [Storage and Disposal.]

Manufactured for:

Biocontrol Technologies, S.L.
Avda. Madrid, 215-217, entresol A

08014 Barcelona, Spain

Batch number:

EPA Reg. No: 87301-1

EPA Est. No: _____

Net Weight: _____ oz. (g)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, absorbed through skin or if inhaled. Causes moderate eye irritation. Avoid breathing 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof or Chemical-resistant gloves
- Protective eyewear
- A NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. (Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.)

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

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

Environmental Hazards: 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 disposing of equipment washwater or rinsate.

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.

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 twelve (12) hours.

EXCEPTION: If the product is soil injected or 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) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

PRODUCT INFORMATION: T34 BIOCONTROL is a biological fungicide and bactericide that protects plants, improves plant growth, and increases plant defenses against labeled plant diseases and abiotic stresses. The product contains dried spores of the beneficial fungus *Trichoderma asperellum*, strain T34.

T34 BIOCONTROL can be used against the following plant pathogens: *Botrytis cinerea* (grey mold), *Burkholderia glumae* (bacterial panicle blight, bacterial grain rot), *Cephalosporium maydis* (late wilt of corn), *Didymella bryoniae* (gummy stem blight), *Fusarium* spp. (Fusarium wilt and rot), *Gibberella fujikuroi* (Bakanae and foot rot in rice), *Leptosphaeria lindquistii* (black stem in sunflowers), *Macrophomina phaseolina* (root rot), *Magnaporthe oryzae* (rice blast fungus), *Mycosphaerella* spp. (black Sigatoka and Septoria leaf blotch), *Phytophthora* spp. (crown rot), *Pythium* spp. (damping off), *Ralstonia solanacearum* (bacterial wilt), *Rhizoctonia* spp. (damping off), *Sclerotinia* spp. (soft rot) and *Sclerotium* spp. (diverse rots).

T34 BIOCONTROL can be used in indoors and outdoors on food and non-food crops.

PRODUCT USE: T34 BIOCONTROL is a plant protectant and preventative biological fungicide and bactericide.

T34 BIOCONTROL acts through multiple modes of action when applied preventively. These modes of actions include protecting plants from diseases, due to its capacity to colonize the growing media and the plant roots, creating a physical barrier against pathogens and competing directly for space and/or nutrients. Moreover, T34 BIOCONTROL has a direct effect on pathogenic fungus through parasitism and/or antibiosis and induces plant resistance responses. T34 BIOCONTROL does not trigger fungicide resistances in pathogens due to its multiple modes of actions.

T34 BIOCONTROL also facilitates the absorption of several mineral elements by germinating and growing in a wide range of soils and substrates, and around the roots of labeled crops. It develops in a variety of pHs (4-9) and soil temperatures 59-95°F (15-35°C), but its optimal growth temperature is 68-86°F (20-30°C). T34 BIOCONTROL will become active when the soil temperature is at least 50°F (10°C).

T34 BIOCONTROL is able to reduce the number of dormant structures (chlamydospores, sclerotia) of several fungal species produced over the growing season and, when applied prior to planting, reduces the inoculum of previous seasons.

T34 BIOCONTROL product life is 24 months when stored as directed under the Storage and Disposal section of this label (40°F, 4°C).

SOIL-BORNE AND FOLIAR DISEASE CONTROL

T34 BIOCONTROL can protect against labeled soil-borne and foliar diseases if applied early in the growing season or growing cycle prior to infection by disease. Foliar diseases can also be controlled when the first symptoms appear. Specific application methods covered in this label for soil-borne and foliar diseases include substrate mix, seed treatment, cutting and bare root, broadcast, floor (basin), in-furrow, greenhouse and nursery drench, and applications made via chemigation systems applied over the row or directed towards the plant's crown and rooting area, either before planting, at planting, shortly after planting or during the crop cycle. Apply T34 BIOCONTROL through foliar spray just before or when symptoms appear, or when environmental conditions are favorable to the disease. The use of different types of application depends on the cultural practices in the region or the specific target disease.

COMPATIBILITY

DO NOT TANK MIX T34 BIOCONTROL with other pesticides. Some pesticides, particularly fungicides, may reduce effectiveness of T34 BIOCONTROL. The effect of other products applied before or after T34 BIOCONTROL has been applied, has not been fully investigated. Do not apply chemical fungicides 3 days prior to and after the application of T34 BIOCONTROL. Water disinfectants may affect the efficacy of T34 BIOCONTROL. For more compatibility information: consult your crop advisor.

Use T34 BIOCONTROL 7-10 after soil or substrate sterilization, fumigation, solarization or biofumigation, when the sterilizing agent or fumigant has dissipated.

USE RESTRICTIONS

- DO NOT apply to mushrooms.

INSTRUCTIONS FOR APPLICATION METHODS COVERED UNDER THIS LABEL

Overall Specifications:

Start the application of T34 BIOCONTROL at plant propagation (seedlings, cuttings and bare-rooted) to obtain optimal effect. Continue to apply T34 BIOCONTROL throughout the crop cycle in order to maintain an appropriate level of antagonistic fungus population, especially before periods of maximum susceptibility, after plant stress during which plants might be weakened, and according to disease pressure.

Equipment Clean Out: Thoroughly clean application equipment before use so that no traces of other products (pesticides, fertilizers, disinfectants) remain. Wash application equipment thoroughly after use.

Dilution Information: Dissolve the needed amount of T34 BIOCONTROL in a small amount of water and stir to obtain good product dispersion. Add this suspension to the tank, with the total volume of water necessary to treat the soil/substrate or the plants, stirring continuously to ensure a homogeneous application of the product.

For soil / substrate applications (broadcast, floor (basin), in-furrow, border chemigation, chemigation and greenhouse/nursery drench):

When T34 BIOCONTROL is applied via irrigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the irrigation system.

For foliar applications: Follow specific instructions below.

For seed, root, tuber, bulb and corm applications: Follow specific instructions below.

For cuttings and bare root: Follow specific instructions below.

For substrate mix / spray: Follow specific instructions below.

SEED TREATMENT

RESTRICTIONS:

- 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.

For Field Crops in the table LABLED CROPS AND USE RATES:

- Application Rates: 0.1 – 0.8 oz./cwt seed (or 0.05 – 0.5g/kg seeds).
- Prepare a suspension using 1.5 – 6.5 oz. (42.52g – 184 g) of T34 BIOCONTROL/gallon of water and shake to obtain good product dispersion.
- Use 8 - 16 fl. oz. (1-2 cups) of suspension to cover uniformly or dip into the suspension 1 cwt (112 lbs.) of seeds (1.25 – 2.5 gallons of solution or 4.74 – 9.46L for 1 Tn of seeds). Wait until the seeds are dried and follow standard practices for sowing.
- The smaller rate ratio is for seeds with higher volume.
- In case of high disease pressure, use 0.8 oz./cwt seed.

For Vegetable Crops (except root & tuber and bulb vegetables), Herbs and Spices, and Turf grass listed in the table LABLED CROPS AND USE RATES:

- Application Rate: 0.4 – 3.2 oz./cwt seed (or 0.25 – 2 g/kg seed).
- Prepare a suspension with 6.5 oz. (184g) of T34 BIOCONTROL/gallon of water and shake to obtain good product dispersion.
- Use 8 – 64 fl. oz. of suspension to treat 1 cwt seeds (112 lbs.). This is the equivalent to 1.25 – 10 gallons or 4.73 – 37.85 L for 1 Tn of seeds. After the seeds are dry follow standard practices for seeding.
- The smaller rate ratio is for seeds with higher volume.
- In case of high disease pressure, use 3.2 oz./cwt seed.

For rice:

- Prepare a suspension with 0.13oz (or 3.68 g) of T34 BIOCONTROL/gallon of water (1g/L water) and shake to obtain good product dispersion.
- Use water suspension enough to cover the seeds.
- Dip the rice seeds into the solution during 24 hr, and seed them in the nursery trays following the standard practices for seeding.

PRE-PLANT DIP TREATMENTS FOR VEGETATIVELY PROPAGATED CROPS

	Dip into powder	Dip into suspension	
		Short dip	Long dip (4 - 8h)
Cutting, bare root, crown dip applications*	X	X	X
Root, tuber, bulb, corm dip applications*		X	X

*See table of LABLED CROPS AND USES RATES

For Cutting, Bare root, Crown Dip applications:

- Dip cuttings bare root transplants and crowns directly into the powder or in a suspension composed of:
 - 0.16 – 1.6 oz. (4.5 – 45 g) of T34 BIOCONTROL/12 gallons of water for short dips (or 0.1 – 1 g/L water)
 - 0.016 oz. (0.45 g) of T34 BIOCONTROL /12 gallons of water for long dips (between 4 and 8 hours) (or 0.01 g/L water)
- After dipping the cuttings, bare root transplants or crowns, follow standard practices for planting.

- In case of high disease pressure, use the higher application rates or apply directly into the powder.

For Root, Tuber, Bulb, Corm Dip applications:

- Dip roots, tubers, bulbs or corms in a suspension composed of
 - 0.16 – 1.6 oz. (4.5 – 45 g) of T34 BIOCONTROL/12 gallons of water for short dips (or 0.1 – 1 g/L water)
 - 0.016 oz. (0.45 g) of T34 BIOCONTROL/12 gallons of water for long dips (between 4 and 8 hours) (or 0.01 g/L water)
- After dipping the roots, tubers, bulbs or corms, follow standard practices for planting.
- In case of high disease pressure, use the higher application rates.

GREENHOUSE AND NURSERY DRENCH APPLICATIONS

Drench at Propagation

For Nursery trays (or blocks) < 4"(10 cm) in height:

- At sowing, sticking, rooting or transferring seedlings, suspend 1.6-3.2 oz / 1,000 sqft in 125-245 gal of water and apply it onto 1,000 sqft of tray (or 0.5 -1 g suspended in 5-10 L water / m² of area with trays).
- Use the higher rates when:
 - disease pressure is high or
 - nursery trays (or blocks) > 4" in height.

Drench After Planting, At Transplanting or Direct Sticking

For Pots/Containers and slabs:

- Suspend 0.17 – 0.35 oz (or 5-10 g) in 25 gallons of water (95 L water) to prepare the drench solution.
- The volume of drench solution to apply is the equivalent to 10% of the total pot/container volume.
- Use the higher concentration in case of high disease pressure.
- Repeat every 8-12 weeks.

SUBSTRATE MIX

- For substrate treatments, apply T34 BIOCONTROL at a rate of 0.17 – 0.35 oz. dissolved in 2-10 gallon of water per cubic yard of soil/substrate (or 6.5 – 13 g applied in 10-60L/m³) or dry mix in 1 cubic yard of substrate - before filling nursery trays, pots and containers.
- In case of high disease pressure, use the higher application rates.

BROADCAST APPLICATIONS

- For broadcast applications, apply T34 BIOCONTROL as a spray at a rate of 1.3 – 33 oz./acre (or 0.1 – 2.5 kg/Ha), previous to seed/transplant or at the moment of seeding /transplant.
- The standard rate recommended is 7 oz./acre (or 490 g / Ha).
- Dilute 7 – 33 oz. T34 BIOCONTROL/100 gal. (or 0.5 – 2.5 kg/1000 L) and use the necessary water (20 – 100 gal water/acre, or 200 – 1000 L water/Ha) to keep the upper 1st inch (2.5 cm) of soil wet or to reach into the seedling or rooting zone
- Use the highest application rates when the weather conditions are expected to be conducive for disease development, if the field has a history of disease development, or in case of high disease pressure.

FLOOR (BASIN), IN-FURROW AND BORDER APPLICATIONS

- For floor (basin), in-furrow and border applications, apply T34 BIOCONTROL at a rate of 1 – 4.5 lbs./acre (1.1 – 5 kg/Ha) diluted in the necessary water to keep wet the upper 4 inches (10 cm) of soil to reach the seedling or rooting zone. Use this treatment previous to seed/transplant or at the moment of seed/transplant.
- Use the higher rates for crops with higher planting density (more rows/acre), where the distance between rows is smaller. Row spacing normally goes from 20 to 40 inches.
- The standard rate recommended is 35 oz./acre (2.5 kg/Ha).
- Mount the spray nozzle so the spray is directed into the in-furrow just before the seeds are covered.
- Use higher application rates when the weather conditions are expected to be conducive for disease development, if the field has a history of disease development, or in case of high disease pressure.

FOLIAR APPLICATIONS

- Application Rates: 1.5 – 10.7 oz./acre (0.1 – 0.75 Kg/Ha).
- Prepare a dilution of the product with 3.33 – 10 oz. of T34 BIOCONTROL / 100 gallons of water (0.25 – 0.75 Kg/1000 L water) and stir to obtain good product dispersion.
- Use the necessary volume of water to spray (to wet but avoid runoff) the crop foliage or blossoms: 50 – 107 gal./acre (470 – 1000 L/Ha).
- In case of high disease pressure, use the higher application rates.
- Make follow-up treatments every 7-10 days, when the weather conditions are expected to be favorable to disease development or in case of high disease pressure.
- Foliar applications can be performed with hand-held backpack or spray equipment.

CHEMIGATION

For Field Crops listed in the table LABLED CROPS AND USE RATES:

- Prepare a dilution of the product with 0.1 – 0.33 oz. (3 – 10 g) of T34 BIOCONTROL/100 gallon of water and stir to obtain good product dispersion.
- Use the necessary volume of water to irrigate the crop surface: 2,000 – 5,000 gal./acre (20,000 – 50,000 L/Ha).
- The standard application rate is 0.13 oz./100 gallons, which is equivalent to 2.6 – 6.5 oz./acre using the minimum and maximum recommended volumes of final solution per acre.
- Maximum application rate is 16.7 oz./acre (or 1.250 kg/Ha)
- In case of high disease pressure, use the higher application rates.
- Make follow-up treatments every 8-12 weeks (for a long season crop), when the weather conditions are expected to be conducive for disease development or when plants are exposed to stress situation.

For all the other crops:

- Prepare a dilution of the product with 0.1 – 0.70 oz. (3 – 20 g) of T34 BIOCONTROL/100 gallon of water and stir to obtain good product dispersion.
- Use the necessary volume of water to irrigate the crop surface: 2,000 – 5,000 gal./acre (20,000 – 50,000 L/Ha).
- The standard application rate is 0.33 oz./100 gallons, which is equivalent to 6.6 – 13.4 oz./acre using the 2,000 to 4,000 gallons of final solution per acre.
- In case of high disease pressure, use the higher application rates.
- Make follow-up treatments every 8-12 weeks, when the weather conditions are expected to be conducive for disease development or when plants are exposed to stress situation.

Overall Chemigation Specifications

- 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); in-furrow; boom system, pressurized drench (flood), border or drip (trickle) system; micro-irrigation such as spaghetti-tube or individual tube irrigation, hand-held calibrated irrigation equipment such as the handheld wand with injector, and ebb and flow; irrigation and system(s). DO NOT apply this product through any other type of irrigation system.
- 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.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.
- Refer to "Dilution Information" and specific application method instructions for mixing and dilution instructions.

Requirements For Chemigation Systems Connected To Public Water Systems

- 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 regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced pressure zone (RPZ), back flow preventor 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.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- 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.
- 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.
- DO NOT apply when wind speed favor drift beyond the area intended for treatment.

- Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and injector system and flush with clean water before use. Failure to provide a clean tank, free of scale or residues may reduce effectiveness of this product.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.
- Refer to "Dilution Information" and specific application method instructions for mixing and dilution instructions.

Requirements For Sprinkler Chemigation

- 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.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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.
- DO NOT apply when wind speed favors drift beyond the area intended for treatment.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.
- Refer to "Dilution Information" and specific application method instructions for mixing and dilution instructions.

Floor (Basin), In-Furrow And Border Chemigation

- 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.
- Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - 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.
 - The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 - 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.
 - The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 - 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.
 - 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.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.
- Refer to "Dilution Information" and specific application method instructions for mixing and dilution instructions.

Drip (Trickle) Chemigation

- 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.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

- 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.
- The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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.
- 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.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.
- Refer to "Dilution Information" and specific application method instructions for mixing and dilution instructions.

APPLICATION DIRECTIONS

- On **Ornamentals, Landscape Plants, Trees, Shrubs, Flowers, Bedding Plants, Tropical Plants, Fruits and Vegetables: [Agricultural], [Commercial], [Interiorscapes], [Indoors and Outdoors], [Greenhouses, Glasshouses, Nurseries], [Open and Enclosed]**
- **Turf, Lawns, Sod, Golf Courses (Greens, Tees, Fairways, and Roughs), and Ornamental Turf Use: [Agricultural], [Commercial]**
- **Ornamentals and Edible Crops: [Greenhouse], [Field Applications]**

LABELED CROPS AND USE RATES

SEE APPLICATION METHODS DETAILS DESCRIBED IN THE TEXT PRECEDING THIS TABLE

CROPS	METHOD OF APPLICATION	USE RATE AND APPLICATION INSTRUCTIONS
Field crops: Alfalfa (for use in forage and seed crops, including birdsfoot trefoil)	Seed treatment	1.5 – 6.5 oz./gal. of water. Apply 8 – 16 fl. oz. of that suspension per 1 cwt seed (1 cwt= 112 lbs. of seeds).
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
Cereal Grains (including barley, oats, rye, triticale, wheat, and Durum wheat)	Floor (basin), in-furrow and border chemigation	1 – 4.5 lbs./acre Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
Clover (for use in forage and seed crops)	Foliar spray	1.5 – 10.7 oz./acre in a volume of water 50 – 107 gallons/acre. Spray with enough water to thoroughly cover crop but avoid runoff. Repeat every 7-10 days if needed.
Corn (all types, including field corn, popcorn, sweet corn, and corn produced for seed)	Chemigation field crops	0.1 – 0.33 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Cotton		
Grass, Forage, Fodder, and Hay (including pasture grasses and grasses grown for hay or silage such as Bermuda grass, bluegrass, brome grass, and fescue)		
Peanut		
Sunflower		

Tobacco		
Rice (for nursery)	Seed treatment	Dilute 0.13 oz./gal. water and use sufficient suspension to cover the seeds. Leave seeds in the suspension for 24 hours before seeding in nursery trays.
Berries: Blackberry, Blueberry, Boysenberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Marionberry, Raspberry, and all cultivars and hybrids	Cuttings and Bare Root dip	Short dip directly into the powder, or into a suspension with 0.16 – 1.6 oz. in 12 gal. of water.
	Greenhouse and Nursery Drench	For nursery trays and blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For pots/containers and slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
Berry and Small Fruit*: Cranberry, Juneberry, Lingonberry, Salal, Strawberry, and all cultivars and hybrids	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
*Cranberry: DO NOT apply to flooded fields.	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Foliar spray	1.5 – 10.7 oz./acre in a volume of water 50 – 107 gallons/acre. Spray with enough water to thoroughly cover crop but avoid runoff. Repeat every 7-10 days if needed.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Leafy Vegetables (Except Brassica Vegetables): Lettuce (head, leaf, romaine), Spinach, Amaranth (Chinese spinach)	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of final suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
Brassica (Cole) Leafy Vegetables: Broccoli (including Chinese), Brussels sprout, Cabbage, Cauliflower, Chinese cabbage (bok choy), Choi sum, Collard, Kohlrabi, Chinese Mustard Cabbage	Greenhouse and Nursery Drench	Pots or containers (< 4"): Apply 0.2 – 0.35 oz./1000 pots or containers dissolved in 10 – 25 gallons of water. Repeat every 8-12 weeks. Pots or containers (+ 4"): Apply 0.35 – 1.1 oz./1000 pots or containers dissolved in 25 gal. of water. Repeat every 8-12 weeks. For nursery trays: 1.6 – 3.2 oz. in 125 to 245 gal./1,000 sq. ft.
Stalk, Stem and Leaf Petiole Vegetable: Asparagus, Celery, Kale	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Foliar spray	1.5 – 10.7 oz./acre in a volume of water 50 – 107 gallons/acre. Spray with enough water to thoroughly cover crop but avoid runoff. Repeat every 7-10 days if needed.
	Chemigation	0.1 – 0.7 oz./100 gal.
Fruiting Vegetable: Eggplant, pepper (bell, chile), Tomatoes		
Legume Vegetables:		

Legumes: Beans, snap, <i>Phaseolus</i> , chickpea, lentil, pea, soybean, Chinese longbean, Mung bean including all hybrids and varieties of these		Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Root and Tuber Vegetables: Artichokes (including Chinese), Beets, Carrots, Potatoes, Radishes, Sweet potatoes, Ginger, Ginseng, Oriental Radish	Root, Tuber or Bulb Dip	Short dips: 0.16 – 1.6 oz./12 gal. of water. Long dips (several hours to one night): 0.016 oz./12 gal. of water.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Bulb Vegetable (<i>Allium</i> spp.): Garlic, Leek, Onion (dry, green)	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Cuttings and Bare Root dip	Short dip directly into the powder, or into a suspension with 0.16 – 1.6 oz. in 12 gallons of water.
	Greenhouse and Nursery Drench	For Nursery Trays and Blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For Pots/Containers and Slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Herbs and Spices: Angelica, Basil, Catnip, Chervil, Catnip, Chamomile, Chive, Cilantro-Leaf, Coriander-Leaf, Curry, Dillweed, Fennel, Hyssop, Lavender, Lemongrass, Marigold, Marjoram, Nasturtium, Parsley, Rosemary, Sage, Savory-Summer, Savory-Winter, Sweet Bay, Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood	Cuttings and Bare Root dip	Short dip directly into the powder, or into a suspension with 0.16 – 1.6 oz. in 12 gallons of water.
	Greenhouse and Nursery Drench	For nursery trays and blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For pots/containers and slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
Mint, Peppermint, Spearmint	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
Citrus Fruits: Calamondin, Citrus Citron, Citrus Hybrids (i.e., chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange, Pummelo, Satsuma Mandarin, and all cultivars and hybrids of these	Cuttings and Bare Root dip	Short dip directly into the powder, or into a suspension with 0.16 – 1.6 oz. in 12 gallons of water.
	Greenhouse and Nursery Drench	For nursery trays and blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For pots/containers and slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
Olive	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
Pomegranate	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Foliar spray	1.5 – 10.7 oz./acre in a volume of water 50 – 107 gallons/acre.

Stone Fruit: Bearing and Non-Bearing Apricot, Sweet and Tart Cherry, Nectarine, Peach, Plum, Plumcot, Prune, and all hybrids and cultivars of these		Spray with enough water to thoroughly cover crop but avoid runoff. Repeat every 7-10 days if needed.
Tree Nuts: Almonds, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Hazelnuts, Macadamia, Pecans, Pistachios, Walnuts	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Tropical and Subtropical Fruit, Edible Peel: Acerola, Guava, Kiwifruit, Longan, Starfruit, Tamarind		
Tropical and Subtropical Fruit, Inedible Peel: Atemoya, Avocado, Banana, Canistel, Cherimoya, Custard Apple, Ilama, Loquat, lychee, Mango, Mangosteen, Papaya, Passionfruit, Pawpaw, Persimmon, Pineapple, Rambutan, Black Sapote, Mamey Sapote, Sapodilla, Soursop, Star Apple, Sugar Apple		
Small Fruit Vine Climbing: Table, Wine, Raisin Grapes, Kiwi		
Hops		
Hemp		
Muscadines		
Ornamental Roots, Tubers, Bulbs and Corms: Allium, Anemone, Cannas, Crinum, Crocus, Dahlias, Euromis, Gladiolus, Gloriosa, Hyacinth, Iris, Lilium, Narcissus, Ranunculus, Tulips	Root, Tuber, Bulb or Corm Dip	Short dips: 0.16 – 1.6 oz./12 gal. of water (recommended rate: 0.7 oz./12 gal. of water). Long dips (several hours to one night): 0.016 oz./12 gal. of water.
	Greenhouse and Nursery Drench	For nursery trays and blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For pots/containers and slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.

Flowers, Bedding Plants, and Ornamentals: Carnation, Chrysanthemums, Cyclamen, Geranium, Gerbera, Hollyhock, Lily, Rose, Pansy, Petunia, Poinsettia, Primrose, Snapdragon	Cuttings and Bare Root dip	Short dip directly into the powder, or into a suspension with 0.16 – 1.6 oz. in 12 gallons of water (recommended rate: 0.7 oz./ 12 gallons).
	Greenhouse and Nursery Drench	For nursery trays and blocks: 1.6 – 3.2 oz. in 125 - 245 gal./1,000 sq. ft. For pots/containers and slabs: -Prepare a drench solution with 0.17 – 0.35 oz. dissolved in 25 gallons of water and apply the equivalent to 10% of pot/container volume. -Repeat every 8-12 weeks.
	Substrate Mix	Mix 0.17 – 0.35 oz. in 2-10 gal. of water and apply to 1 cubic yard of substrate, or dry mix directly in 1 cubic yard of substrate.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 20 – 40 inches.
	Foliar spray	1.5 – 10.7 oz./acre in a volume of water 50 – 107 gallons/acre. Spray with enough water to thoroughly cover crop but avoid runoff. Repeat every 7-10 days if needed.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Ornamental Trees Non-Flowering Deciduous and Non-Deciduous Landscape, Ornamental, Forest, and Nursery Trees: Ash, Elm, Linden, Maple, And Sycamore	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Evergreen/Conifers and Christmas Trees: Cedar, Fir, Pine, Spruce, Yew, Arborvitae	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Flowering and Non-Bearing Fruit Trees: Crabapple, Hawthorn, Cherry, Plum, Pear	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Tropical Foliage and Flowering Plants: Fern, English ivy, Pothos, Poinsettia	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Nursery, Shrubs, and Woody Ornamentals: Azalea, Holly, Pittosporum, Rose	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.
Turf Grass: Turf, golf courses-all uses, sports fields, sod and seed production	Seed treatment	6.5 oz./gal. of water. Use 8 – 64 fl. oz. of suspension to treat 1 cwt seed. Spray uniformly to seeds, or dip them into the suspension.
	Broadcast	1.3 – 33 oz./acre before or at seeding/planting. 7 – 33 oz./100 gal. and use a volume of water of 20 – 100 gal./acre.
	Floor (basin), in-furrow and border chemigation	1 lb. – 4.5 lbs./acre. Use higher rates for crops with higher planting density (more rows/acre). Row spacing normally goes from 40 – 20 inches.
	Chemigation	0.1 – 0.7 oz./100 gal. Volume of application 2,000 – 5,000 gal./acre. Repeat every 8-12 weeks.

LIMITATIONS CONCERNING EFFICACY AND PLANT SAFETY

The efficacy and crop safety of T34 BIOCONTROL has been tested on numerous plant species. However, since T34 BIOCONTROL has not been tested on all plant species, varieties and substrate types, the manufacturer recommends testing T34 BIOCONTROL on a small number of plants to check expected efficacy and absence of adverse plant effects before applying to a larger number of plants.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool dry place. When kept at 40°F (4°C), the viability of the product provides effective rates for up to 24 months.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

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. Offer for recycling, if available or dispose of empty bag in sanitary landfill or by incineration.

NOTICE TO BUYER AND SELLER: The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. To the extent consistent with applicable law, the products sold to you are furnished "as is" by Biocontrol Technologies, S.L. To the extent consistent with applicable law, the manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. To the extent consistent with applicable law, except as warranted by this label, Biocontrol Technologies, S.L., the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Biocontrol Technologies, S.L., the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. To the extent consistent with applicable law, no agent or employee of Biocontrol Technologies, S.L., the manufacturer, or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Biocontrol Technologies, S.L., the manufacturer or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

Spanish Patent ES 2 188 385 B1

European Patent EP 1 400 586 B1

USA Patent US 7 553 657 B2

[Sub-Label B (Residential Uses): Pages 15-20]

[Text and logos in brackets are optional.]



T34 BIOCONTROL®

ABN: Asperello T34 BIOCONTROL

Biological Fungicide and Bactericide Wettable Powder

[For protection of plants against diseases]

[For indoor and outdoor plants]

[For residential use]

[For use on vegetables, fruits, lawns, sod, trees, shrubs, ornamentals]

[For use on ornamentals, food, and non-food plants]

Information regarding the contents and levels of metals in this product is available on the internet at: <https://www.aapfco.org/metals.html>

READ THE LABEL BEFORE USING

Formatted: Font: 8 pt

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ACTIVE INGREDIENT:

Trichoderma asperellum, strain T34* 12.00 %

OTHER INGREDIENTS: 88.00 %TOTAL: **100.00%***Contains 3 x 10¹¹ colony forming units per Kg of product.

KEEP OUT OF REACH OF CHILDREN

CAUTION

First Aid	
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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 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 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call the Poison Control Center **1-800-222-1222**. For general information on this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

(Optional referral statements when booklets and container labels are used:)

[See label booklet for [additional] [complete] [First Aid.] [Precautionary Statements.] [Directions For Use.] and [Storage and Disposal.]

Manufactured for:

Biocontrol Technologies, S.L.
Avda. Madrid, 215-217, entresol A
08014 Barcelona, Spain

Batch number: _____

EPA Reg. No: 87301-1

EPA Est. No: _____

Net Weight: _____ oz. (g)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, absorbed through skin or if inhaled. Causes moderate eye irritation. Avoid breathing 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Environmental Hazards: To protect the environment, DO NOT allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

DIRECTIONS FOR USE

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

PRODUCT INFORMATION: T34 BIOCONTROL is a biological fungicide and bactericide that protects plants, improves plant growth, and increases plant defenses against labeled plant diseases and abiotic stresses. The product contains dried spores of the beneficial fungus *Trichoderma asperellum*, strain T34.

T34 BIOCONTROL can be used for the protection of plants diseases caused by soil and foliar pathogens (*Botrytis cinerea*, *Fusarium*, *Macrophomina*, *Mycosphaerella*, *Phytophthora*, *Pythium*, *Ralstonia*, *Rhizoctonia*, *Sclerotinia* and *Sclerotium*).

T34 BIOCONTROL can be used on indoors and outdoors food and non-food plants.

PRODUCT USE: T34 BIOCONTROL is a plant protectant and preventative biological fungicide and bactericide.

T34 BIOCONTROL acts through multiple mechanisms of action when applied preventively. These modes of actions include protecting plants from diseases, due to its capacity to colonize the growing media and the plant roots, creating a physical barrier against pathogens and competing directly for space and/or nutrients. Moreover, T34 BIOCONTROL has a direct effect on the pathogenic fungus through parasitism and/or antibiosis and induces plant resistance responses. T34 BIOCONTROL does not trigger fungicide resistances in pathogens due to its multiple modes of actions.

T34 BIOCONTROL also facilitates the absorption of several mineral elements by germinating and growing in a wide range of soils and substrates, and around the roots of many plants. It develops in a variety of pHs (4-9) and soil temperatures 59-95°F (15-35°C), but its optimal growth temperature is 68-86°F (20-30°C). Apply T34 BIOCONTROL when the soil temperature is at least 50°F (10°C).

T34 BIOCONTROL is able to reduce the number of dormant structures (chlamydospores, sclerotia) of several fungal species produced over the cropping season and, when applied prior to planting, reduces the pathogen load from previous seasons.

T34 BIOCONTROL product life is 24 months when stored as directed under the Storage and Disposal section of this label (40°F (4°C)).

SOIL-BORNE AND FOLIAR DISEASE CONTROL

T34 BIOCONTROL can protect against labeled soil-borne and foliar diseases if applied early in the growing season or growing cycle prior to infection by disease. Foliar diseases can also be controlled when the first symptoms appear. Specific application methods covered in this label for soil-borne and foliar diseases include seed treatment, dip, soil/potting mix incorporation, drench, irrigation/chemigation, and foliar spray. Foliar spray is recommended just before or when symptoms appear, or when the environmental conditions are favorable to the disease.

COMPATIBILITY

Do not mix T34 BIOCONTROL with other pesticides. Some pesticides, particularly fungicides may reduce effectiveness of T34 BIOCONTROL. The effect of other products applied before or after T34 BIOCONTROL on the effectiveness of T34 BIOCONTROL has not been fully investigated. Do not apply chemical fungicides 3 days prior to or after the application of T34 BIOCONTROL. Water disinfectants may affect the efficacy of T34 BIOCONTROL.

USE RESTRICTIONS

- DO NOT apply to mushrooms.
- DO NOT use on aquatic plants.

INSTRUCTIONS FOR APPLICATION METHODS COVERED UNDER THIS LABEL

Overall Specifications:

Start the application of T34 BIOCONTROL at plant propagation (seedlings, cuttings and bare-rooted) to obtain optimal effect. Continue to apply T34 BIOCONTROL throughout the plant cycle in order to maintain an appropriate level of antagonistic fungus population, especially before periods of maximum susceptibility, after plant stress during which plants might be weakened, and according to disease pressure.

Equipment Clean Out: Thoroughly clean application equipment before use so that no traces of other products (pesticides, fertilizers, disinfectants) remain. Wash application equipment thoroughly after use.

RESIDENTIAL USE - APPLICATION METHODS AND USE RATES

- For **Ornamentals, Landscape Plants, Trees, Shrubs, Flowers, Bedding Plants, Tropical Plants, Fruits and Vegetables** (see specific crop groups below): **[Residential Use], [Indoors and Outdoors]**
- For **Turf, Lawns, Sod, and Ornamental Turf Use: Residential Use**

APPLICATIONS AGAINST SOIL PATHOGENS:**SEED TREATMENT**

- Prepare a suspension containing 2.5 teaspoons of T34 BIOCONTROL per 3 tablespoons of water and apply this prepared mixture at the rate of 3 tablespoons of water per kg of seed.
- Application timing: before seeding. Re-apply after planting via drench or irrigation/chemigation. Repeat every 8-12 weeks.
- Application equipment: Bucket, plastic container.

CUTTINGS, BARE ROOT, PLUGS/SEEDLINGS - DIP APPLICATIONS

- Dip cuttings, bare root transplants and plugs before sticking or planting in a suspension composed of 2.5 teaspoons to 1/2 cup of T34 BIOCONTROL per 5 gallons of water.
- Timing of application: before sticking or planting. Re-apply at transplanting as a drench, incorporated on soil mix, via irrigation/chemigation or foliar application. Repeat every 8-12 weeks.
- Application equipment: Plastic container. When dipping plugs, use a large plastic storage container (15 gallons or more) where the plug trays can fit in and get submerged

SOIL/POTTING MIX INCORPORATION

- Apply T34 BIOCONTROL using a watering can or a bucket at a rate 1/4 to 1/2 teaspoons dissolved in 3 quarts water per cubic foot of soil/potting mix.
- Application timing: before sowing, rooting or planting. Re-apply at transplanting as a drench or via irrigation/chemigation. Repeat every 8-12 weeks.

SOIL DRENCH & IRRIGATION/CHEMIGATION

- Apply T34 BIOCONTROL to moist soil or potting mix, but not to water saturated soil. Soil or potting mix must remain moist after application of T34 BIOCONTROL to get effective control. When T34 BIOCONTROL is applied via irrigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots.

SOIL DRENCH

- Prepare a suspension containing 1 teaspoon to 1/2 tablespoon of T34 BIOCONTROL per 5 gallons of water and apply this prepared mixture:
 - In the Planting Furrow at a rate of 1 gallon of prepared mixture to 25 square feet of furrow before covering the seeds with soil.
 - On a new or established Plant Bed at a rate of 1 gallon of prepared mixture to 25 square feet of bed.
 - To pots: apply a volume of prepared mixture equivalent to 10% of the total pot volume (ex. 13 fluid ounces per gallon pot).
- Application timing: at planting. Re-apply one week after planting as a soil drench or via irrigation/chemigation, with follow up treatments every 8-12 weeks.
- Application equipment: Watering can, pump/handheld sprayer, backpack sprayer.

IRRIGATION/CHEMIGATION

- Prepare a suspension containing 1 teaspoon to 1/2 tablespoon of T34 BIOCONTROL per 5 gallons of water and apply this prepared mixture:
 - For new or existing beds: apply 1 gallon of prepared mixture to 25 square feet of bed.
 - For lawns: use 1.25 gallons of prepared mixture for every 25 square feet (50 gallons/1000 square feet).
- Application timing: at planting. Re-apply one week after planting as a soil drench or via irrigation/chemigation. Repeat treatments every 8-12 weeks.

- Application equipment: Backpack Sprayer, shower head nozzle, sprayer with boom, portable injector + sprinkler system or drip irrigation.

Overall Chemigation Specifications

- Apply this product only through sprinkler including backpack sprayer, shower head nozzle, sprayer with boom, portable injector + sprinkler system or drip irrigation. DO NOT apply this product through any other type of irrigation system.
- 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.

Requirements For Sprinkler Chemigation

- 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.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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.
- DO NOT apply when wind speed favors drift beyond the area intended for treatment.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.

Drip (Trickle) Chemigation

- 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.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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.
- 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.
- Continuous agitation is recommended in the pesticide supply tank.
- When T34 BIOCONTROL is applied via chemigation, make sure that the product reaches the roots. Minimize leaching to help get a good installation around the roots but ensure that no residual product remains in the chemigation system.

APPLICATIONS AGAINST FOLIAR DISEASES:

FOLIAR SPRAY

- Prepare a suspension containing 1 teaspoon to $\frac{1}{4}$ cup of T34 BIOCONTROL per 5 gallons water and apply this prepared mixture at the rate of 4 to 8 fluid ounces per 25 square feet (1.25 to 2.5 gallons per 1,000 square feet).

- Application timing: Apply when favorable conditions are present or at onset of disease. Repeat treatments every 7-10 days, when the weather conditions are expected to be favorable to disease development or in case of high disease pressure.
- Application equipment: Handheld sprayer, backpack sprayer, shower head nozzle sprayer, sprayer with boom.

SEE APPLICATION METHODS DETAILS DESCRIBED IN THE TEXT PRECEDING THIS TABLE

Method of application	Application Equipment	Rate of T34 Biocontrol (mixture preparation)	Volume of application of prepared mixture	Timing of Application	Retreatment Internal
SEED TREATMENT	-Bucket -Plastic container	2.5 tsp in 3 tbsp of water	3 tbsp of water per kg of seed	Before seeding	Re-apply after planting via drench or irrigation/chemigation. Repeat every 8-12 weeks.
DIPS (Cuttings, bare root transplants or plugs/ seedlings)	-Large plastic storage container (15 gallons or more) where the plug trays can fit in and get submerged	2.5 tsp – ½ cup per 5 gal. water	Adequate to volume of container (see equipment)	Before sticking or planting	Re-apply at transplanting as a drench, incorporated on soil mix, via irrigation/chemigation or foliar application. Repeat every 8-12 weeks.
SOIL/POTTING MIX INCORPORATION	-Bucket -Watering can	1/4 - 1/2 tsp in 3 quarts water	3 quarts of prepared mixture per cubic foot of soil/potting mix	Before sowing, rooting or planting	Re-apply at transplanting as a drench or via irrigation/chemigation. Repeat every 8-12 weeks.
SOIL DRENCH (in-furrow before seeding, new and established beds or potted plants)	-Watering can -Pump/handheld sprayer -Backpack sprayer	1 tsp-½ tbsp per 5 gal. water	In-furrow 1 gal of prepared mixture per 25 sq. ft. of furrow New/existing beds 1 gal of prepared mixture per 25 sq. ft. of bed Pots volume of prepared mixture equivalent to 10% of total pot volume. (Ex. 13 fl. oz. per 1 gal. pot)	At planting	Re-apply one week after planting as a soil drench or via irrigation/chemigation. Repeat every 8-12 weeks.
IRRIGATION (Lawns, residential greenhouse and garden plant beds)	-Portable injector + sprinkler or Drip irrigation -Shower head nozzle Hydraulic sprayer with boom	1 tsp-½ tbsp per 5 gal. water	New/existing beds 1 gal. of prepared mixture per 25 sq. ft. of bed Lawns: 1.25 gal. of prepared mixture per 25 sq. ft. (50 gal per 1000 sq. ft.)	At planting	Re-apply 1 week after planting as a soil drench or via irrigation/chemigation. Repeat every 8-12 weeks.
FOLIAR SPRAY	-Handheld Backpack sprayer -Shower head nozzle sprayer -Hydraulic sprayer with boom	1 tbsp-3/4 cup per 5 gal. water	4 – 8 fl. oz. of prepared mixture per 25 sq. ft. (1.25-2.5 gal. of prepared mixture per 1000 sq. ft.)	When favorable conditions are present or at onset of disease.	Re-apply every 7-10 days when disease conditions persist or in case of high disease pressure.

RESIDENTIAL USE – LABELED PLANTS

Berries: Blackberry, Blueberry, Boysenberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Marionberry, Raspberry, and all cultivars and hybrids

Berry and Small Fruit: Juneberry, Lingonberry, Salal, Strawberry, and all cultivars and hybrids

Leafy Vegetables (Except Brassica Vegetables): Lettuce (head, leaf, romaine), Spinach, Amaranth (Chinese spinach)

Brassica (Cole) Leafy Vegetables: Broccoli (including Chinese), Brussels sprout, Cabbage (including Chinese Mustard Cabbage), Cauliflower, Chinese cabbage (bok choy), Choi sum, Collard, Kohlrabi

Stalk, Stem and Leaf Petiole Vegetables: Asparagus, Celery, Kale

Cucurbits Vegetables: Balsam pear, Cantaloupes, Citron Melon, Chinese waxgourd, Cucumbers, Honeydews, Pumpkins, Squash, Watermelons and all hybrids and cultivars of these

Fruiting Vegetable: Eggplant, Pepper (bell, chile), Tomatoes

Legume Vegetables: Legumes: Beans, Snap, Phaseolus, Chickpea, Lentil, Pea, Soybean, Chinese longbean, Mung bean, including all hybrids and varieties of these

Root and Tuber Vegetables: Artichokes (including Chinese), Beets, Carrots, Potatoes, Radishes (including Oriental), Sweet potatoes, Ginger, Ginseng

Bulb Vegetable (Allium spp.): Garlic, Leek, Onion (dry, green)

Herbs and Spices: Angelica, Basil, Catnip, Chervil, Catnip, Chamomile, Chive, Cilantro-Leaf, Coriander-Leaf, Curry, Dillweed, Fennel, Hyssop, Lavender, Lemongrass, Marigold, Marjoram, Nasturtium, Parsley, Rosemary, Sage, Savory-Summer, Savory-Winter, Sweet Bay, Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood

Mint, peppermint, spearmint

Citrus Fruits: Calamondin, Citrus Citron, Citrus Hybrids (i.e., chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange, Pummelo, Satsuma Mandarin, and all cultivars and hybrids of these

Olive

Pomegranate

Pome Fruit: Apple, Pear, Crabapple, Loquat, Mayhaw, Oriental Pear, Quince

Stone Fruit: Bearing and Non-Bearing Apricot, Sweet and Tart Cherry, Nectarine, Peach, Plum, Plumcot, Prune, and all hybrids and cultivars of these

Tree Nuts: Almonds, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Hazelnuts, Macadamia, Pecans, Pistachios, Walnuts

Tropical and Subtropical Fruit, Edible Peel: Acerola, Guava, Kiwifruit, Longan, Starfruit, Tamarind

Tropical and Subtropical Fruit, Inedible Peel: Atemoya, Avocado, Banana, Canistel, Cherimoya, Custard Apple, Ilama, Loquat, Lychee, Mango, Mangosteen, Papaya, Passionfruit, Pawpaw, Persimmon, Pineapple, Rambutan, Black Sapote, Mamey Sapote, Sapodilla, Soursop, Star Apple, Sugar Apple

Small Fruit Vine Climbing: Table, Wine, Raisin Grapes, Kiwi

Muscadines

Ornamental Roots, Tubers, Bulbs and Corms: Allium, Anemone, Cannas, Crinum, Crocus, Dahlias, Euromis, Gladiolus, Gloriosa, Hyacinth, Iris, Lilium, Narcissus, Ranunculus, Tulips

Flowers, Bedding Plants, and Ornamentals: Carnation, Chrysanthemums, Cyclamen, Geranium, Gerbera, Hollyhock, Lily, Rose, Pansy, Petunia, Poinsettia, Primrose, Snapdragon

Ornamental Trees, Non-Flowering Deciduous and Non-Deciduous Landscape, and Ornamental: Ash, Elm, Linden, Maple, Sycamore

Evergreen/Conifers and Christmas Trees: Cedar, Fir, Pine, Spruce, Yew, Arborvitae

Flowering and Non-Bearing Fruit Trees: Crabapple, Hawthorn, Cherry, Plum, Pear

Tropical Foliage and Flowering Plants: fern, English ivy, Pothos, Poinsettia

Shrubs and Woody Ornamentals: Azalea, Holly, Pittosporum, Rose

Turf Grass: (including turf, sod)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool dry place separated from food and feed and inaccessible to children and pets. Keep container tightly closed when not in use. When kept at 40°F (4°C), the viability of the product provides effective rates for up to 24 months.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE TO BUYER AND SELLER: The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. To the extent consistent with applicable law, the products sold to you are furnished "as is" by Biocontrol Technologies, S.L. To the extent consistent with applicable law, the manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. To the extent consistent with applicable law, except as warranted by this label, Biocontrol Technologies, S.L., the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Biocontrol Technologies, S.L., the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. To the extent consistent with applicable law, no agent or employee of Biocontrol Technologies, S.L., the manufacturer, or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Biocontrol Technologies, S.L., the manufacturer or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

Spanish Patent ES 2 188 385 B1

European Patent EP 1 400 586 B1

USA Patent US 7 553 657 B2