

51517-3

12-14-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

December 14, 2009

Ivonne Sanchez
Marketing/Regulatory Assistant
Westbridge Agricultural Products
1260 Avenida Chelsea
Vista, CA 92081

Subject: Notification to Revise Label per PRN 98-10 and 2007-4
Product Name: Soil TRIGGER®
EPA Reg. No: 51517-3
Your Submission Dated May 15, 2009

Dear Ms. Sanchez:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notices (PRNs) 98-10 and 2007-4, dated above. A screen of the labeling revision request has been conducted for its applicability under PRNs 98-10 and 2007-4, and it has been determined that the action request falls within the scope of these documents. Our records have been duly noted, and the printed label with this application has been stamped "Notification, received and reviewed" and will be placed in our records as current and updated. Should you have any questions regarding this action, you may contact Gina Casciano at (703) 605-0513 or via email at casciano.gina@epa.gov.

Sincerely,

Linda Hollis

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

May 15, 2009

Ms. Linda Hollis, BPPD
Document Processing Desk – **NOTIF**
Office of Pesticide Programs – **7504P**
U.S. Environmental Protection Agency
One Potomac Yard, Room S-4900
2777 South Crystal Drive
Arlington, VA 22202

Dear Ms. Hollis:

Subject: Soil TRIGGRR®
EPA Reg. No. 51517-3

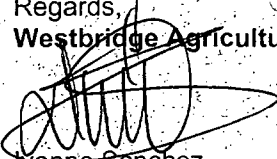
Westbridge Agricultural Products is submitting the attached materials as notification of a label revision for subject product. Attached are the following:

1. Application for Pesticide: Other (Notification)
2. One **Reference Label** (illustrating the revisions)
3. Two **New Labels** (incorporating the revisions)
4. Two market labels

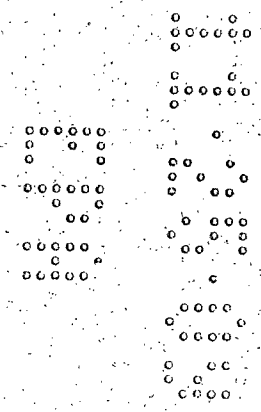
The primary purpose of this label revision is to update the Disposal directions per PR Notice 2007-4. We are also taking this opportunity to correct typographical errors and add the reference statement to the Application Table (at the very end), which was inadvertently omitted from our previous stamped accepted label. Please refer to the **Reference Label** for a complete illustration of all label revisions.

Please contact me at (760) 599-8855 or ivonne@westbridge.com if you require additional information or have any questions.

Regards,
Westbridge Agricultural Products


Ivonne Sanchez,
Marketing/Regulatory Assistant

Attachments



{Front Panel}

Soil TRIGGRR®
Plant Growth Regulator

Active Ingredient*:

Cytokinin (as kinetin)	0.004%**
Other Ingredients	<u>99.996%</u>
Total	100.000%

*Contains Non-Plant Food Ingredients

**Based on biological activity

Keep Out of Reach of Children

CAUTION

FIRST AID: Refer to supplemental labeling entitled APPLICATION GUIDE
for precautionary statements and directions for use.

CHEMIGATION: Refer to supplemental labeling entitled APPLICATION GUIDE for use directions for chemigation.
Do not apply this product through any irrigation system unless the supplemental labeling on chemigation allows it.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170.
Refer to supplemental labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE
section of the labeling for information about this standard.

EPA Reg. No. 51517-3 EPA Est. No. 51517-CA-1

Net Contents: 1 U.S. Gallon [1 U.S. Quart]

SHAKE WELL BEFORE USING

Manufactured by

Westbridge Agricultural Products

1260 Avenida Chelsea • Vista, CA 92081 USA

(800) 876-2767

{Booklet}

{Soil TRIGGRR Logo}

SOIL TRIGGRR® Plant Growth Regulator

APPLICATION GUIDE

Keep Out of Reach of Children

CAUTION

See booklet for additional precautionary statements.

Active Ingredient*:

Cytokinin (as kinetin)	0.004%**
Other Ingredients	<u>99.996%</u>
Total	100.000%

*Contains Non-Plant Food Ingredients

**Based on biological activity

NOTIFICATION

Date Reviewed: 12/14/09

Reviewed By: G. Casciano

EPA Reg. No. 51517-3 EPA Est. No. 51517-CA-1

Westbridge Agricultural Products
1260 Avenida Chelsea • Vista, CA 92081 USA

GENERAL INFORMATION

Soil TRIGGRR is a plant growth regulator for use on agronomic and horticultural crops. Applied as a supplement to a cultural program at specific stages of plant development, Soil TRIGGRR improves seedling vigor, crop quality, uniformity and growth.

Use Soil TRIGGRR to . . .

Improve germination and growth of small seeded crops (for example alfalfa, direct seeded onion, carrots and cucumbers).

Promote improved root growth and nodulation in legumes.

Promote early seedling vigor and the ability of a plant (for example bell peppers and tomatoes) to set and carry a crop to maturity.

Improve lateral tuberous root growth (sweet potatoes), improve initiation growth and maturity of tubers and ornamental bulbs providing a more uniform crop, and increase specific gravity (potatoes) and number of tubers.

Promote rooting and growth of ornamental varieties from slips or cuttings.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF INHALED: 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 further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

HOT LINE NUMBER: For more information call 1-800-876-2767 Monday-Friday 8-5 PST. After hours, weekends or holidays call 1-800-222-1222, the National Poison Control Center.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing spray mist and contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Water proof gloves

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.
- Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Exposed treated seed may be hazardous to birds and other wildlife.

Do not use treated seed for food, feed or oil purposes. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and bodies of water. Only protected handlers may be in the area during application.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. 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.

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). 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 4 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.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Waterproof Gloves
- Shoes plus socks

FOR USE ON

FIELD CROPS: Alfalfa, Canola, Cereal Grains (such as Barley, Corn, Oats, Rye, Sorghum, Wheat), Cotton, Hops, Peanuts, Sorghum, Rice, Soybeans, Sugarcane and Wheat.

FRUITS and NUTS: Avocados, Bananas and Plantains, Berry Fruits (such as Blueberries, Blackberries, Currants, Huckleberries, Loganberries and Raspberries), Citrus Fruits (such as Grapefruit, Lemons, Limes, Mandarins and Oranges), Coffee, Exotic Fruits (such as Figs, Guava, Kiwifruit, Mangos, Papayas, Persimmons and Pineapples), Grapes, Pome Fruits (such as Apples, Crabapple, Pears and Quinces), Stone Fruits (such as Apricots, Cherries, Peaches, Plums and Nectarines), Strawberries, Tree Nuts (such as Almonds, Cashews, Hazelnuts, Pecans and Walnuts).

VEGETABLES: Artichokes, Asparagus, Brassica (Cole) Vegetables (such as Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens and Rapini), Bulb Vegetables (such as Garlic, Leeks, Onions and Shallots), Cucurbit Vegetables (such as Cantaloupes, Cucumbers, Honeydew, Gourds, Muskmelons, Pumpkins, Squash and Watermelons), Fruiting Vegetables (such as Eggplant, Ground Cherries, Peppers, Tomatillos and Tomatoes), Ginseng, Herbs and Spices (such as Anise, Basil, Chive, Clove, Dill, Mint, Nutmeg, Parsley, Rosemary and Sage), Leafy Vegetables (such as Arugula, Celery, Cress, Endive, Lettuce, Radicchio, Rhubarb, Spinach, Swiss Chard), Legume Vegetables (such as Beans, Garbanzos, Lentils and Peas), Okra, Root and Tuber Vegetables (such as Beets, Carrots, Ginger, Potatoes and Potato Seed Production, Radishes, Sweet Potatoes, Turnips and Yams).

NON-FOOD CROPS: Jojoba, Ornamentals, Sod, Trees and Turf.

MIXING INSTRUCTIONS

Soil TRIGGRR is water soluble and suitable for use in conventional liquid application systems. Thoroughly shake Soil TRIGGRR and dilute in sufficient water to assure adequate and even coverage. Adjust alkaline dilution water (pH greater than 7) to pH 6 prior to adding Soil TRIGGRR. Agitate the tank mixture during application and use within 12 hours after dilution. For best results use Soil TRIGGRR with a full fertilization program.

COMPATIBILITY

Apply Soil TRIGGRR at the end of the water application in sufficient water to penetrate into the root zone without excessive leaching into deeper soil. Soil TRIGGRR may be tank mixed with herbicides, insecticides, fungicides, nematicides and fertilizers, or impregnated on granular fertilizers. Add Soil TRIGGRR last to the spray tank mixes containing other fully diluted chemicals. Test the compatibility of the intended tank mixture before use. For use with fertilizers containing a high phosphorous analysis, add one gallon of water to the spray tank for each three gallons of fertilizer, and add a buffer/compatibility agent prior to adding Soil TRIGGRR. The following procedure may be helpful in the event of incompatibility:

- Predilute Soil TRIGGRR in 5 gallons of water before adding to the spray tank.
- Increase the amount of water per acre to be applied.
- Add a buffer/compatibility agent to the spray tank.

CHEMIGATION

Apply this product only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, and drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, 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.

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, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the 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.

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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. Agitate the pesticide supply tank throughout the application of Soil TRIGRR. Do not apply when wind speed favors drive beyond the area intended for treatment.

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 backflow.

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 functionally 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 (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Agitate the pesticide supply tank throughout the application of Soil TRIGRR. Do not apply when wind speed favors drift beyond the area intended for treatment.

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 backflow.

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 (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Apply Soil TRIGRR in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

HEAVY METAL INTERNET STATEMENT

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.appfco.org/metals.htm>.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store Soil TRIGRR in a cool place out of direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or, if allowed by state and local authorities, by incineration. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the

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flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
 Batch Code [Lot Number]: _____

NOTICE OF WARRANTY

Westbridge warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Westbridge. To the fullest extent permitted by State law, Westbridge shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Westbridge makes no warranties of merchantability or fitness for a particular purpose or any other expressed or implied warranty except as stated above.

Rev 090515

Soil TRIGRR® Plant Growth Regulator

APPLICATION TABLE

CROP	Early Seedling Vigor	Improved Root Growth	Stress Resistance	Uniformity/Improved Quality	Improved Fruit Size	Increased Fruit Number	Application Method	Use with FOLIAR TRIGRR®	APPLICATION TIMING
Alfalfa	✓	✓	✓				B,C	O	At planting, apply Soil TRIGRR with starter fertilizer in 1 st irrigation. Make an additional application with fertilizer in irrigation water 14 days after each cutting, or when new growth is initiated.
Artichokes, Asparagus	✓	✓	✓	✓	✓		B,C	O	Apply at planting and/or at the beginning of each new growth cycle. An additional application may be made 3 to 6 weeks after the first application.
Avocados, Bananas, Coffee, Figs, Guavas, Mangos, Papayas, Persimmons, Pineapple, Plantains	✓	✓	✓	✓	✓	✓	A,C	Y	Chemigate into the soil at initiation of root flush. Repeat applications at 30-day intervals during periods of active root growth. As a transplant treatment for seedlings or rootstock, soak bare roots in Soil TRIGRR solution up to 6 hours before transplanting.
Berries such as Blueberries, Blackberries, Currants, Huckleberries, Loganberries, Raspberries	✓	✓	✓	✓	✓	✓	A,C	Y	Chemigate into the soil at initiation of root flush. Repeat application at 30-day intervals during periods of active root growth. As a transplant treatment for seedlings or root stock, soak bare roots in Soil TRIGRR solution up to 6 hours before transplanting.
Brassica (Cole) Vegetables: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens, Rapini	✓	✓	✓	✓			A,B,C	O	Band 2 inches below seed, or rotovate into top 2 inches of soil with starter fertilizer at planting, or apply in 1 st irrigation. Make a 2 nd application 20 to 30 days after the 1 st . For transplants, apply as a seedling soak or side-dress or chemigate with fertilizer within 7 days of transplanting. Make a 2 nd application 20 to 30 days after the first.

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APPLICATION TABLE (continued)

CROP	Early Seedling Vigor	Improved Root Growth	Stress Resistance	Uniformity/Improved Quality	Improved Fruit Size	Increased Fruit Number	Application Method	Use with FOLIAR TRIGGRR®*	APPLICATION TIMING
Bulb Vegetables: Garlic, Leaks, Onions (dry, bulb, green), Shallots	✓	✓	✓	✓	✓		B,C	O	Band 2 inches below the seed or sets with starter fertilizer or apply in first irrigation. Make a 2 nd application 30 days after the 1 st .
Canola (Rape), Cereal Grains: Barley, Corn, Oats, Rye, Sorghum (milo), Wheat	✓	✓	✓	✓		✓	B,C,E	O	Apply as a seed treatment at planting. Or, band with starter fertilizer at planting. Or, side-dress or chemigate in between emergence and 4 th leaf stage.
Citrus Fruits: Grapefruit, Lemons, Limes, Mandarins, Oranges	✓	✓	✓	✓		✓	A,C	Y	Chemigate into soil at initiation of root flush. Repeat application at 30-day intervals during periods of active root growth. As transplant treatment for seedling or rootstock, soak bare roots in Soil TRIGGRR solution up to 6 hours before transplanting.
Cotton	✓	✓	✓	✓			B,C	Y	Make 1 st application at planting. Make a 2 nd application with first side-dress.
Cucurbit Vegetables: Cantaloupe, Cucumbers, Gourds, Honeydew, Muskmelons, Pumpkins, Squash (summer & winter), Watermelons	✓	✓	✓	✓	✓	✓	B,C	O	Apply preplant or in first fertilization after emergence. Make a 2 nd application before layby or when plants begin to run.
Fruiting Vegetables: Eggplant, Ground Cherries, Peppers (all varieties), Tomatillo, Tomatoes	✓	✓	✓	✓	✓	✓	B,C	O	Apply at transplant, preplant, 1 st fertilization or 1 week after transplanting. Make a 2 nd and 3 rd application at 14-day intervals. For Roma Tomatoes, follow with an application of Foliar TRIGGRR (See Foliar TRIGGRR label for use directions).
Ginseng	✓	✓	✓	✓			B,C	O	Band 2 inches below seed, or rotovate into top 2 inches of soil with starter fertilizer or apply in 1 st irrigation. Make a 2 nd application 30 days after the 1 st . In the 2 nd year, apply at the initiation of growth in the spring.
Grapes (all varieties – dried, processed, wine, table)	✓	✓	✓	✓	✓	✓	A,C	O	Apply at initiation of each root flush. As a transplant treatment for new vines or rootstock, soak bare roots in Soil TRIGGRR solution up to 2 hours before transplanting.
Herbs and Spices: Anise, Basil, Chive, Clove, Dill, Mint, Nutmeg, Parsley, Rosemary, Sage	✓	✓	✓	✓	✓	✓	A,B,C	O	Apply transplant, preplant, at planting with a starter fertilizer or with 1 st fertilization after transplanting. Make a 2 nd application 20-30 days after the 1 st application.
Hops	✓	✓	✓	✓		✓	B,C,E	Y	Apply as a seed treatment at planting. Or, band with starter fertilizer at planting. Or, chemigate in at emergence.
Jojoba	✓	✓	✓	✓	✓		B,C		Apply at preplant or planting; for established jojoba, apply twice a year at beginning of each growth cycle and again 10 to 15 days later.

APPLICATION TABLE (continued)

CROP	Early Seedling Vigor	Improved Root Growth	Stress Resistance	Uniformity/Improved Quality	Improved Fruit Size	Increased Fruit Number	Application Method	Use with FOLIAR TRIGGRR®*	APPLICATION TIMING
Kiwifruit	✓	✓	✓	✓	✓	✓	A,C	O	Chemigate into the soil at initiation of root flush. Repeat applications at 30-day intervals during periods of active root growth. As transplant treatment for seedlings, soak roots in Soil TRIGGRR solution for 15-30 minutes before transplanting.
Leafy Vegetables: Arugula, Celery, Cress, Endive, Lettuce, Radicchio, Rhubarb, Spinach, Swiss Chard	✓	✓					B,C	O	Band 2 inches below seed, or rotovate into top 2 inches of soil with starter fertilizer, or apply in 1 st irrigation. Make 2 nd application 20 days after the 1 st . For transplant, apply as a seedling soak. Make a 2 nd application 1 week after transplanting. Celery Seeded: Band 2 inches below the seed. Reapply when seed row is visible and at 4 inches of growth. Celery Transplants: Chemigate on within 7 days after transplanting. Make 2 additional applications at 10-day intervals beginning at 3 inches of growth.
Legume Vegetables: Beans (all varieties), Garbanzos, Lentils, Peas (all varieties), Soybeans	✓	✓	✓	✓	✓	✓	B,C,E	Y	Apply preplant or at planting with fertilizer or as a seed treatment, or in first irrigation after planting. Or, apply as a side-dress when row is visible.
Okra	✓	✓	✓	✓	✓	✓	B,C	O	Apply as side-dress or chemigate in with first fertilization.
Ornamental Trees, Shrubs, Flowers	✓	✓	✓	✓			D	Y	Chemigate into the soil drench according to the schedule five in APPLICATION METHODS and USE RATES section.
Peanuts	✓	✓	✓	✓			B	O	Apply at planting with a starter fertilizer or with first side-dress.
Pome Fruits: Apples, Crabapples, Pears, Quinces	✓	✓	✓	✓			A,C	Y	Chemigate into the soil at initiation of root flush. Repeat applications at 30-day intervals during periods of active root growth. As a transplant treatment for seedlings or rootstock, soak bare roots in Soil TRIGGRR solution up to 6 hours before transplanting.
Rice	✓	✓	✓	✓			B,C	Y	Make 1 st application prior to seeding or just prior to flooding the field. Make a 2 nd application any time before panicle initiation.
Root and Tuber Vegetables: Beets, Carrots, Ginger, Horseradish, Potatoes, Potato Seed Production, Radishes, Sweet Potatoes, Turnips, Yams	✓	✓	✓	✓	✓	✓	A,B,C	O	Band 2 inches below the seed, seed piece or slip, or rotovate into the top 2 inches of soil with starter fertilizer, or apply with fertilizer in the first irrigation. Make a 2 nd application 20 days after 1 st for short season crops or 20 to 30 days after the 1 st application for longer season crops. Potatoes: Side-dress or chemigate with fertilizer at tuber initiation or 40 to 6 inch rosette. Sweet Potatoes and Yams: Apply with starter fertilizer in transplant water.

APPLICATION TABLE (continued)

CROP	Early Seedling Vigor	Improved Root Growth	Stress Resistance	Uniformity/Improved Quality	Improved Fruit Size	Increased Fruit Number	Application Method	Use with FOLIAR TRIGGRR®*	APPLICATION TIMING
Stone Fruits: Apricots, Cherries, Peaches, Plums, Nectarines	✓	✓	✓	✓	✓	✓	A,C	Y	Chemigate into the soil at initiation of root flush. Repeat applications at 30-day intervals during periods of active root growth. As a transplant treatment for seedlings or root stock, soak bare roots in Soil TRIGGRR solution up to 6 hours before transplanting.
Strawberries	✓	✓		✓	✓	✓	C	O	Chemigate through drip system at 21- to 30-day intervals beginning 7 days after transplanting. As a transplant treatment for seedlings, soak roots in Soil TRIGGRR solution for 15-30 minutes before transplanting.
Sugarcane	✓	✓	✓				A,C	O	Soak seed pieces for 20 seconds in solution before planting. Side-dress or chemigate in a 2 nd application with fertilizer at the 4-leaf stage.
Tree Nuts: Almonds, Cashews, Filberts (Hazelnuts), Pecans, Walnuts	✓	✓	✓	✓	✓		A,C	Y	Chemigate into the soil at initiation of root flush. Repeat applications at 30-day intervals during periods of active root growth. As a transplant treatment for seedlings or root stock, soak bare root in Soil TRIGGRR solution up to 6 hours before transplanting.
Turf and Sod	✓	✓	✓	✓			B,C	O	Apply with fertilizer to initiate new growth.

*Some applications of Soil TRIGGRR are improved when made in combination with Foliar TRIGGRR. Y = Yes; N = No; O = Optional.

APPLICATION METHODS

Apply Soil TRIGGRR using the following methods:

- A. **TRANSPLANT USE:** Apply Soil TRIGGRR in the transplant water at rates recommended in the APPLICATION TABLE above, or as a seedling soak prior to transplanting at 8 fluid ounces per 100 gallons of water.
- B. **PREPLANT OR AT PLANTING APPLICATION:** Broadcast Soil TRIGGRR over the soil or seed furrow at 15-45 fluid ounces per acre and incorporate prior to planting. Soil TRIGGRR may be banded directly into the seed furrow or with a starter fertilizer below or to the side of the seed row. For Cotton, Corn and Sorghum (Milo) a minimum of 10 fluid ounces per acre may be applied. Alternatively, Soil TRIGGRR may be chemigated into the seed row in the first irrigation. See ROW SPACING/RATE TABLE below for recommended rates. Soil TRIGGRR may also be impregnated on dry fertilizers prior to preplant or side-dress applications.
- C. **POST-EMERGENT APPLICATIONS:** Knife Soil TRIGGRR into the root zone after transplanting or thinning or when a seedling line is visible. Use ROW SPACING/RATE TABLE to calculate recommended rates. Soil TRIGGRR may be applied through sprinkler and drip irrigation systems. Time applications to allow penetration of Soil TRIGGRR into the root zone without excessive leaching into deeper soil. (See CHEMIGATION section of this label.)
- D. **NURSERY AND CONTAINER USE:** Apply Soil TRIGGRR as a soil drench at the following dilutions and rates based on container size.

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Container (gallons)	Dilution (pt/100 gallons)	Timing
1	1	Weekly
5	1	Bi-weekly
10 or more	1	3 weeks to monthly

- E. **SEED TREATMENTS:** Do not use treated seed for food, feed or oil purposes. Use 4 to 8 fluid ounces per acre of seed to be planted. Dilute Soil TRIGGRR into seed treatment solution, and apply mixture directly onto the seed. Do not soak seeds in undiluted Soil TRIGGRR. To determine optimal amount of Soil TRIGGRR to use per pound of seed, please contact Westbridge Ag. Products at (800) 876-2767 Monday-Friday 9AM-5PM PST.
- HOPPER-BOX/OTHER AT PLANTING SEED TREATMENTS:** Soil TRIGGRR may be applied directly onto seeds as a seed treatment immediately prior to or at planting. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time.
 - COMMERCIAL SEED TREATMENT:** An approved dye must be added before seeds may be sold in interstate commerce to distinguish treated seed, and to prevent inadvertent use for food, feed or oil purposes. Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal and State seed laws.

ROW SPACING/RATE TABLE

For many crops, Soil TRIGGRR is applied to the seed furrow, as a side-dress, or through drip irrigation systems. Use 0.75 to 1.0 fluid ounce per 1000 ft. of row, or use the following table to determine application rate:

Row Spacing (inches)	Fluid Ounces of Soil TRIGGRR per Acre
40 or more	10 to 20
35	20 to 25
30	25 to 30
25	30 to 35
20 or less	35 to 45

Soil TRIGGRR is manufactured by Westbridge Agricultural Products. TRIGGRR is a registered trademark of Westbridge Agricultural Products.

[] Denotes optional/alternate language
 { } Denotes language that does not appear on the market label

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SOIL TRIGGRR®

Plant Growth Regulator

Active Ingredients*:

Cytokinin (as kinetin)00.004%**
Other Ingredients99.996%
Total.....100.000%

*Contains Non-Plant Food Ingredients
**Based on Biological Activity

EPA Reg. No. 51517-3
EPA Est. No. 51517-CA-1

Net Contents: 1 U.S. Gallon

**SHAKE
WELL
BEFORE
USING**

Keep Out of Reach of Children

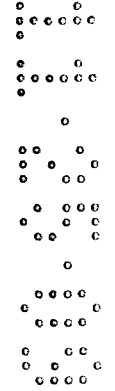
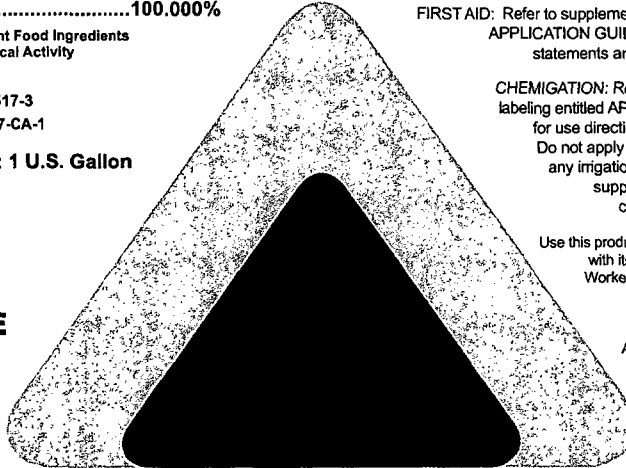
CAUTION

FIRST AID: Refer to supplemental labeling entitled APPLICATION GUIDE for precautionary statements and directions for use.

CHEMIGATION: Refer to supplemental labeling entitled APPLICATION GUIDE for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation allows it.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170.

Refer to supplemental labeling entitled: AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.



Manufactured by
Westbridge
Agricultural Products

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(800) 876-2767

Complies With EPA

Accepted Labeling Dated

12/14/09

Reviewed By G. Casciano