

**ACCEPTED**  
 DEC 06 2005  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 registered under  
 EPA Reg. No. 51517-3

Front Panel

**SOIL**  
**TRIGGRR®**  
 Plant Growth Regulator

**Active Ingredient:**  
 Cytokinin (as kinetin) ..... 00.004%\*  
**Other Ingredients:** ..... 99.996%  
 \*Based on biological activity

EPA Reg. No. 51517-3

Net Contents: 1 U.S. Gallon

**SHAKE  
 WELL  
 BEFORE  
 USING**

**Keep Out of Reach of Children**  
**CAUTION**

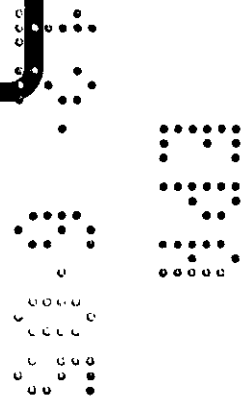
FIRST AID: Refer to supplemental labeling entitled APPLICATION GUIDE for precautionary statements and directions for use.

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  
 1150 Joshua Way • Vista, CA 92081  
 (800) 876-2767  
[www.westbridge.com](http://www.westbridge.com)



SOIL  
**TRIGRR**  
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 others 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 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 the 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, either directly or through drift. 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 the 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, Corn (and Popcorn), Cotton, Peanuts, Sorghum, Soybeans, Wheat.

**FRUITS:** Apples, Bananas, Grapes, Oranges, Peaches, Plantains, Strawberries

**VEGETABLES:** Beans (also includes Black-eyed Peas, Catjang, Chick Peas, Cowpeas, Crowder Peas, Carrots, Southern Peas), Broccoli, Cabbage, Carrots, Cauliflower, Celery, Corn (Sweet), Cucumber, Eggplant, Garlic, Leeks, Lettuce, Melons, Okra, Onions, Peas, Peppers, Potatoes, Pumpkins, Radishes, Shallots, Spinach, Squash, Sweet Potatoes, Tomatoes, Yams.

**NON-FOOD CROPS:** Ornamentals, Trees, Turf.

**GENERAL INFORMATION**

Soil TRIGRR 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 TRIGRR improves seedling vigor, crop quality, uniformity and growth.

Use Soil TRIGRR 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.

SOIL  
**TRIGRR**  
Plant Growth Regulator



**APPLICATION GUIDE**

Keep Out of Reach of Children  
**CAUTION**

See booklet for additional precautionary statements.

Active Ingredient:	
Cytosar (as Growth)	0.004%
Other Ingredients	99.996%
Total	100.000%

EPA Reg. No. 51517-3

**Westbridge**

Agricultural Products  
1150 Joshua Way • Vista, CA 92081 USA

**MIXING INSTRUCTIONS**

Soil TRIGRR is water soluble and suitable for use in conventional liquid application systems. Thoroughly shake Soil TRIGRR 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 TRIGRR. Agitate the tank mixture during application and use within 12 hours after dilution. For best results use Soil TRIGRR with a full fertilization program.

**COMPATIBILITY**

Apply Soil TRIGRR at the end of the water application in sufficient water to penetrate into the root zone without excessive leaching into deeper soil. Soil TRIGRR may be tank mixed with herbicides, insecticides, fungicides, nematocides, and fertilizers, or impregnated on granular fertilizers. Add Soil TRIGRR 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 TRIGRR. The following procedures may be helpful in the event of incompatibility:

- Pre-dilute Soil TRIGRR 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, and tow, side (wheel) rot, 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 system 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.

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 drift 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 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. 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 to sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

**STORAGE AND DISPOSAL**

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

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

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on land in an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning; if burned, stay out of smoke.

**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. Westbridge makes no warranties of merchantability or fitness for a particular purpose nor any other expressed or implied warranty except as stated above.

2/3

# Soil TRIGRR Application Table

3/3

Crop	Application Timing								
	Early Seeding Vigor	Improved Root Growth	Stress Resistance	Uniformity/Improved Quality	Increased Fruit Size	Improved Color			
Alfalfa	✓	✓	✓	✓	✓	✓	B,C	O	At planting, chemigate with starter fertilizer in 1st irrigation. Chemigate with fertilizer 14 days after cutting, or when regrowth is initiated.
Apples, Peaches	✓	✓	✓	✓	✓	✓	C	O	Apply at initiation of root flush.
Bananas, Plantains	✓	✓	✓	✓	✓	✓	A,B,C	O	Dip in transplant water for 30 seconds prior to planting. Make a 2nd application 30 days after first.
Beans	✓	✓	✓	✓	✓	✓	B,C,E	Y	(B) Apply at planting with preplant fertilizer; (C) Side-dress when row is visible.
Broccoli: Seeded	✓	✓	✓	✓	✓	✓	B,C	O	Apply at planting with preplant fertilizer. Make a 2nd application 30 days after the first.
Broccoli: Transplant	✓	✓	✓	✓	✓	✓	B,C	O	Side-dress or chemigate 7 days after transplanting. Make a 2nd application 30 days after the first.
Cabbage	✓	✓	✓	✓	✓	✓	B,C	O	Apply at planting with preplant fertilizer. Make a 2nd application 30 days after the first.
Cauliflower	✓	✓	✓	✓	✓	✓	B,C	O	Band 2 inches below seed or apply in 1st irrigation. Make a 2nd application 30 days after the first.
Carrots	✓	✓	✓	✓	✓	✓	B,C	O	Band 2 inches below seed; or rotate into top 2 inches of soil with starter fertilizer, or apply in 1st irrigation. Make a 2nd application 30 days after the first.
Celery: Seeded	✓	✓	✓	✓	✓	✓	B,C	O	Band 2 inches below seed. Reapply when seed row is visible and at 4 inches of growth.
Celery: Transplant	✓	✓	✓	✓	✓	✓	B,C	O	Chemigate in within one week after transplanting. Make 2 additional applications at 10-day intervals beginning at 3 inches of growth.
Corn, Sorghum	✓	✓	✓	✓	✓	✓	B,C	O	Band with starter fertilizer. Or, side-dress at 4-leaf stage.
Cotton	✓	✓	✓	✓	✓	✓	B,C	Y	Make first application at planting. Make a 2nd application with first side-dress.
Cucumber, Squash	✓	✓	✓	✓	✓	✓	A,B,C	Y	Apply preplant or in 1st fertilization after emergence. Make a 2nd application before layby or when plants begin to run.
Garlic	✓	✓	✓	✓	✓	✓	B,C	O	Band 2 inches below seed or sets. Make a 2nd application 30 days after the first.
Grapes	✓	✓	✓	✓	✓	✓	C	O	Apply at initiation of root flush.
Eggplant	✓	✓	✓	✓	✓	✓	B,C	O	Apply 1 week after transplanting. Make a 2nd application 30 days after the first.
Lettuce	✓	✓	✓	✓	✓	✓	B,C	O	For drip irrigated lettuce, apply with first fertilization. Make a 2nd application 20 days after the first.
Melons	✓	✓	✓	✓	✓	✓	B,C	Y	Apply preplant or in 1st fertilization after emergence. Make a 2nd application before layby or when plants begin to run.
Okra	✓	✓	✓	✓	✓	✓	B,C	O	Side-dress or chemigate with first fertilization.
Oranges	✓	✓	✓	✓	✓	✓	C	Y	Chemigate at initiation of root growth.
Onions, Shallots, Leeks	✓	✓	✓	✓	✓	✓	B,C	O	Band 2 inches below seed or apply in 1st irrigation. Make a 2nd application 30 days after the first.
Ornamentals, Trees	✓	✓	✓	✓	✓	✓	D	O	Apply as a soil drench according to schedule given in Application Methods below.
Peanuts	✓	✓	✓	✓	✓	✓	B	O	Apply at planting with a starter fertilizer or with first side-dress.
Peas	✓	✓	✓	✓	✓	✓	B,C,E	Y	Apply at planting with a starter fertilizer or as a seed treatment.
Peppers	✓	✓	✓	✓	✓	✓	A,B,C	O	Make 3 applications at 14-day intervals after transplanting or when row is visible.
Peppers (Chili)	✓	✓	✓	✓	✓	✓	B,C	Y	Make 3 applications at 14-day intervals after transplanting or when row is visible.
Potato	✓	✓	✓	✓	✓	✓	B,C	Y	Side-dress or chemigate with fertilizer at 4 to 6 inch rosettes.
Pumpkin	✓	✓	✓	✓	✓	✓	B,C	Y	Apply preplant or 1st fertilization after emergence. Make a 2nd application before layby or when plants begin to run.
Radish	✓	✓	✓	✓	✓	✓	B,C	N	Band 2 inches below seed, or rotate into top 2 inches of soil with starter fertilizer, or apply in 1st irrigation. Make a 2nd application 10 days after the first.
Soybean	✓	✓	✓	✓	✓	✓	B,C,E	O	Apply at planting with a starter fertilizer or as a seed treatment.
Spinach	✓	✓	✓	✓	✓	✓	B,C	Y	Band 2 inches below seed; or rotate into top 2 inches of soil with starter fertilizer, or apply at 1st irrigation. Make a 2nd application 20 days after the first.
Strawberry	✓	✓	✓	✓	✓	✓	C	O	Chemigate through drip system at 14 to 21-day intervals beginning 1 week after transplanting.
Sweet Potato	✓	✓	✓	✓	✓	✓	A	N	Apply 20 to 30 fluid oz./acre with starter fertilizer in transplant water.
Tomato	✓	✓	✓	✓	✓	✓	A,B,C	N	Apply preplant, 1st fertilization, or 1 week after transplanting. Make 2nd and 3rd applications at 14-day intervals.
Tomato (Roma)	✓	✓	✓	✓	✓	✓	A,B,C	Y	Apply preplant, 1st fertilization, or 1 week after transplanting. Make 2nd and 3rd applications at 14-day intervals.
Turf	✓	✓	✓	✓	✓	✓	B,C	N	Apply with fertilizer to initiate new growth.
Wheat	✓	✓	✓	✓	✓	✓	E	N	Apply as a seed treatment at planting.
Yams	✓	✓	✓	✓	✓	✓	A	O	Apply 20 to 30 fluid oz./acre with starter fertilizer in transplant water.

\*Some applications of Soil TRIGRR are improved when made in combination with Folar TRIGRR. Y = Yes, N = No, O = Optional. See Folar TRIGRR label for further information.

## Application Methods

**Apply Soil TRIGRR using the following methods:**

**A. TRANSPLANT USE:** Apply Soil TRIGRR in the transplant water at rates recommended in the APPLICATION TABLE above or as a seedling soil prep. before planting at 6 fluid ounces per 100 gallons of water.

**B. PREPLANT OR AT PLANTING APPLICATION:** Broadcast Soil TRIGRR over the seed or seed furrow at 15-25 fluid ounces per acre and incorporate prior to planting. Soil TRIGRR may be banded directly into the seed furrow or with a starter fertilizer below or to the side of the seed row. For Corn, Cotton and Sorghum (Milo) a minimum of 10 fluid ounces per acre may be applied. Alternatively, Soil TRIGRR may be chemigated into the seed row in the first irrigation. See ROW SPACING/RATE TABLE below for recommended rates. Soil TRIGRR may also be incorporated on dry fertilizers prior to preplant or side-dress applications.

**C. POSTEMERGENT APPLICATIONS:** Know Soil TRIGRR into the root zone after transplanting or thinning or when a seedling line is visible. Use ROW SPACING/

**RATE TABLE** to select the recommended rates. Soil TRIGRR may be applied through sprinkler and irrigation systems. Use applications to allow penetration of Soil TRIGRR into the root zone without excessive leaching into a deep soil. (See CHEMIGATION section of this label.)

**D. NURSERY AND CONTAINER USE:** Apply Soil TRIGRR to soil transplants before top dressing and water in soil on container size.

portion of seeds. Dilute into seed treatment solution, and apply mixture directly on to the seed. Do not soak seeds in Soil TRIGRR. Do not use treated seeds for food, feed or other purposes. An approved fungicide may be added before seeds may be sown. Treat seeds according to distinguish treated seed, and to prevent inadvertent use for food, feed or other purposes. Seed commercially treated with this product must be stored in accordance with all applicable requirements of the Federal and State seed laws.

Container (gallons)	Dilution (pt/100 gallons)	Frequency
1	1	Weekly
2	1	Bi-weekly
10 or more	1	8 weeks to monthly

**ROW SPACING/RATE TABLE**

For many crops, Soil TRIGRR is applied to the seed furrow, broadcast, or through irrigation systems. Use the following table to determine application rate.

Row Spacing (inches)	Fluid Ounces of Soil TRIGRR 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