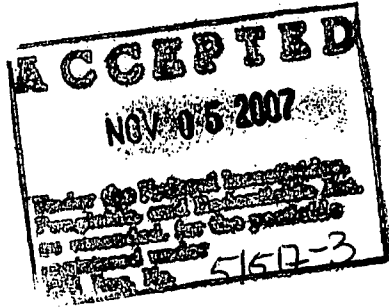


51517-3

11-5-2007

1/3



SOIL
TRIGGRR®
Plant Growth Regulator

Active Ingredients*:

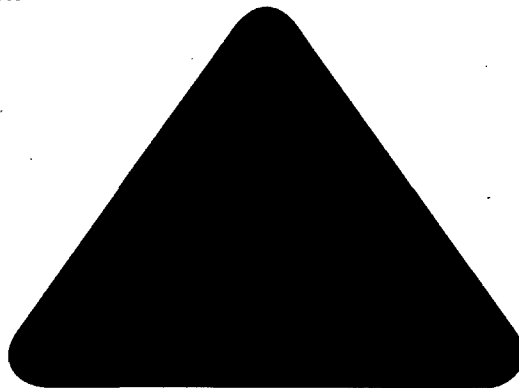
Cytokinin (as kinetin)00.004%**
 Other Ingredients99.996%
 Total.....100.000%

*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

1260 Avenida Chelsea • Vista, CA 92081 USA
 (800) 876-2767

www.westbridge.com

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 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, 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, 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, Garbanzo, 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: Jajoba, Ornamentals, Sod, Trees and 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:

Cytokinin (as Kinetin).....	0.004%**
Other Ingredients	99.996%
Total	100.000%

**Contains Non-Plant Food Ingredients

**Based on biological activity

EPA Reg. No. 51517-3

EPA Est. No. 51517-CA-1

Westbridge
Agricultural Products

1260 Avenida Chabrea • Vista, CA 92081 USA

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 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 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. 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.

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 site or at 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. 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 products. Westbridge makes no warranties of merchantability or fitness for a particular purpose or any other expressed or implied warranty except as stated above.

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	
									Application Method	Use with FOLIAR TRIGRR®
Alfalfa	✓	✓	✓				B, C	O	At planting, apply Soil TRIGRR with starter fertilizer in 1st 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 rotate into top 2 inches of soil with starter fertilizer at planting, or apply in 1st irrigation. Make a 2nd application 20 to 30 days after the 1st. For transplants, apply as a seedling soak or side-dress or chemigate with fertilizer within 7 days of transplanting. Make a 2nd application 20 to 30 days after the first.	
Bulb Vegetables: Garlic, Leeks, 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 2nd application 30 days after the 1st.	
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 TRIGRR solution up to 6 hours before transplanting.	
Cotton	✓	✓	✓	✓			B, C	Y	Make 1st application at planting. Make a 2nd 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 2nd 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, 1st 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 TRIGRR (see Foliar TRIGRR label for use directions).	
Ginseng	✓	✓	✓	✓			B, C	O	Band 2 inches below seed, or rotate 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 TRIGRR 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.	
Joboba	✓	✓	✓	✓	✓		B, C		Apply at preplant or planting; for established joboba, apply twice a year at beginning of each growth cycle and again 10 to 15 days later.	
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 TRIGRR 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 rotate into top 2 inches of soil with starter fertilizer, or apply in 1 st irrigation. Make a 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 TRIGRR 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 rotate 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 4 to 6 inch rosette. Sweet Potatoes and Yams: Apply with starter fertilizer in transplant water.	
Stone Fruits: Apricots, Cherries, Peaches, Plums, Neclarines	✓	✓	✓	✓	✓	✓	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 TRIGRR 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 TRIGRR 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 TRIGRR solution up to 6 hours before transplanting.	
Turf and Sod	✓	✓	✓	✓			B, C	O	Apply with fertilizer to initiate new growth.	

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 soak prior to transplanting at 8 fluid ounces per 100 gallons of water.

B. PREPLANT OR AT PLANTING APPLICATION: Broadcast Soil TRIGRR over the soil or seed furrow at 15-45 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 Cotton, Corn 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 impregnated on dry fertilizers prior to preplant or side-dress applications.

C. POST-EMERGENT APPLICATIONS: Knife Soil TRIGRR 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 TRIGRR may be applied through sprinkler and drip irrigation systems. Time applications to allow penetration of Soil TRIGRR into the root zone without excessive leaching into deeper soil. (See CHEMIGATION section of this label).

D. NURSERY AND CONTAINER USE: Apply Soil TRIGRR as a soil drench at the following dilutions and rates based on container size.

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 TRIGRR into seed treatment solution, and apply mixture directly onto the seed. Do not soak seeds in undiluted Soil TRIGRR. To determine optimal amount of Soil TRIGRR to use per pound of seed, please contact Westbridge Ag. Products at (800) 876-2767 Monday-Friday 9AM-5PM PST.

1. HOPPER-BOX/OTHER AT PLANTING SEED TREATMENTS: Soil TRIGRR 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.

2. 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 TRIGRR 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 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