

OCT 31 1994

Warren Currier  
Westbridge Agricultural Products  
2776 Loker Avenue West  
Carlsbad, CA 92008

Dear Mr. Currier:

Subject: Worker Protection Standard (WPS), Text  
Soil Trigger  
EPA Registration No. 51517-3 ✓  
Your Submission Dated October 19, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. In the Environmental Hazards section add:

Do not contaminate water by disposal of equipment washwaters.

b. Move the heading PRECAUTIONARY STATEMENTS immediately above the heading HAZARDS TO HUMANS & DOMESTIC ANIMALS.

c. In the ingredient statements align the decimal points so they are on the same margin.

d. Delete GENERAL CLASSIFICATION since this phrase is considered to be misleading. Refer to the Proposed Label Regulations published in the FEDERAL REGISTER on September 26, 1984 page 37966.

e. Specify "Coveralls". This is the term required by WPS regulations.

f. Delete the Quotation Marks " " wherever they appear on the label.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



for Cynthia Giles-Parker  
Product Manager (22)  
Fungicide Herbicide Branch  
Registration Division (7505C)

Enclosure

cc: Jim Tompkins  
Registration Support Branch  
Registration Division (7505W)

SOIL

# TRIGRR

Plant Growth Regulator to Increase Yields

ACCEPTED

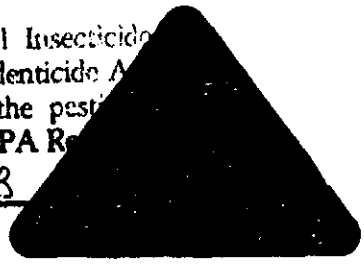
with COMMENTS  
In EPA Letter Dated:

5/31/72

*all need  
to be reviewed 3/9/21*

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pest  
registered under EPA Reg.

51517-3



## Westbridge

Active ingredient: Cytosolun (as isomer) 0.004%  
Inert ingredients: 99.996%  
EPA REG. NO. 51517-3 EPA EST. NO. 51517-CA-001  
SHAKE WELL BEFORE USING  
CAUTION  
KEEP OUT OF REACH OF CHILDREN

### PRECAUTIONARY STATEMENTS KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician at once.  
IF INHALED: Remove from contact and seek medical attention.  
IF ON SKIN: Flush immediately with copious amounts of water.  
IF IN EYES: Flush immediately with copious amounts of water.  
If irritation develops seek medical attention.

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks

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 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.

#### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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 regulations.

#### 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 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 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."

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:

- Overalls
- Waterproof gloves
- Shoes plus socks

**BEST AVAILABLE COPY**

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Front Panel

# SOIL TRIGGER

Plant Growth  
Regulator to  
Increase Yields

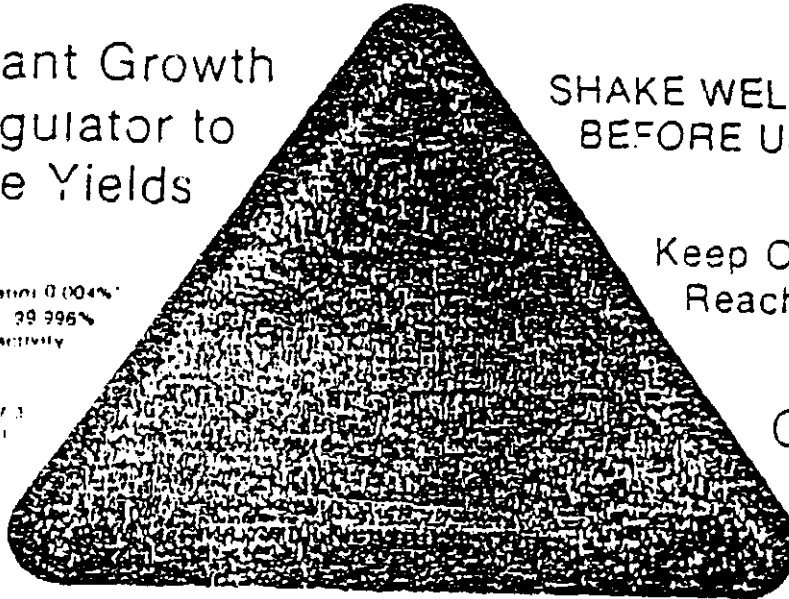
SHAKE WELL  
BEFORE USING

Keep Out of  
Reach of Children

Active Ingredient:  
Cytokinin (as amine) 0.004%  
Inert Ingredients: ... 99.996%  
Based on biological activity

EPA REG. NO. 51517-3  
EPA EST. NO. 51517 CA 011

CAUTION



DECS 1986

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended by the pesticide  
registration number (EPA Reg. No.)  
51517-3

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Back Panel

**GENERAL INFORMATION**

Soil TRIGRR is a plant growth regulator which stimulates plant growth and development leading to:

- o Increased yields
- o Earlier emergence
- o Increased stand
- o Fuller root development
- o Increased vegetative growth
- o Earlier blossoming
- o Increased resistance to environmental stress
- o Earlier maturity
- o Better quality produce

**DIRECTIONS FOR USE**

**General Classification**

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

Refer to supplemental labeling entitled "Soil TRIGRR Application Guide" for use directions. Do not apply this product unless the supplemental labeling is followed.

**"Agricultural Use Requirements**  
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard."

**STORAGE AND DISPOSAL**

**STORAGE**

Soil TRIGRR should be stored in a cool place out of reach of direct sunlight.

**DISPOSAL**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent) plastic containers. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by the state and local authorities, by burning. If burned, stay out of smoke.

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Side Panel #1

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. ~~Wash thoroughly with soap and water after handling.~~

**ENVIRONMENTAL HAZARDS**  
Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters.

**COMPATIBILITY**

Soil TRIGRR can be tank mixed with herbicides, insecticides, fungicides and liquid fertilizers or impregnated on dry fertilizers. See "Soil TRIGRR Application Guide" for mixing instructions and compatibility test recommendations.

**CHEMIGATION**

Refer to supplemental labeling entitled "Soil TRIGRR Application Guide" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

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Side Panel #2

NOTICE OF WARRANTY

Westbridge Agricultural Products warrants that the 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. In no case shall Westbridge 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 nor any other express or implied warranty except as stated above.

NET VOLUME: 1 U.S. Gallon

NET WEIGHT: 8.49 lbs

LOT NO:



WESTBRIDGE AGRICULTURAL PRODUCTS  
San Diego, CA

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(sc)

SOIL

# TRIGGRR

Plant Growth Regulator to Increase Yields



## APPLICATION GUIDE

 **Westbridge**  
San Diego, CA

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**ACCEPTED**

JUL 17 1981

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act, as amended, for the  
pesticide registered under  
EPA Reg. No. 5557-3

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10921

SOIL  
**TRIGGRR**

Plant Growth Regulator to Increase Yields

EPA Reg. No. 51517-3

**DIRECTIONS FOR USE**

**GENERAL CLASSIFICATION**

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

**General Information**

Soil TRIGGRR is a plant growth regulator which stimulates plant growth and development leading to increased yields, earlier emergence, increased stands, fuller root development, increased vegetative growth, earlier blossoming, increased resistance to environmental stress, earlier maturity and improved crop quality.

Soil TRIGGRR can be used in combination with other chemicals and in programs with Foliar TRIGGRR, Liquid Seed TRIGGRR, Dry Seed TRIGGRR and M.S.E.<sup>™</sup> fertilizers.

For best results use Soil TRIGGRR with full fertilization programs.

**Recommended Crops**

Soil TRIGGRR is recommended for use on:

**FIELD CROPS<sup>ed</sup>**

Alfalfa, Corn (includes Popcorn), Cotton, Lupine, Peanuts, Rice, Sorghum (Milo), Soybeans, Sugar Beets, Triticale, Wheat.

**FRUITS**

Apples, Bananas, Grapes, Oranges, Peaches, Plantains, Strawberries.

**VEGETABLES**

Asparagus, Beans (also includes Black-eyed Peas, Carjang, Chick Peas, Cowpeas, Crowder Peas, Garbanzo Beans, Southern Peas), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Corn (Sweet), Cucumber, Eggplant, Florence Fennel\* (Anise, Fenchio), Garlic, Leeks, Lettuce, Melons, Okra, Onions, Parsley, Peas, Peppers, Potatoes, Pumpkins, Radishes, Shallots, Spinach, Squash, Sweet Potatoes, Tomatoes, Yams.

\*Fresh leaves and stalks only

**NON-FOOD CROPS**

Jojoba, Ornamentals, Trees, Turf.

**Mixing Instructions**

Soil TRIGGRR is water soluble and suitable for use in conventional liquid application systems. Shake Soil TRIGGRR thoroughly and dilute in sufficient water to assure adequate and even coverage. Alkaline dilution water (pH greater than 7) should be adjusted to pH 5-6.5 prior to the addition of Soil TRIGGRR, using WB 50<sup>™</sup> or another suitable acidifier. Agitate the tank mixture during application and use within 12 hours after dilution.

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**Compatibility**

Soil TRIGGRR can be tank mixed with herbicides, insecticides, fungicides, nematicides and fertilizers. Soil TRIGGRR can also be impregnated on granular fertilizers.

For use in tank mixes, Soil TRIGGRR should be added last to the spray tank containing the other fully diluted chemicals.

Test the compatibility of the intended tank mixture before use. Add the proportionate amounts of each diluted ingredient to a jar. Cover, shake and let stand 15 minutes. Formation of precipitates that do not readily redisperse indicates an incompatible mixture.

The following procedures 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.

For use with fertilizers containing a high phosphorus 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.

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**Application Rates and Timings**

(See also "Chemigation," page 17.)

**Nursery and container use:** Apply Soil TRIGGRR to container-grown plants at the rate of 1 pint per 100 gallons of water as a soil drench. Water containers thoroughly, but not to the point of excessive runoff. Repeat applications at intervals of 1-4 weeks.

**Transplant use:** Apply Soil TRIGGRR in transplant water at the rate of 1 pint per 100 gallons of water.

**Field use:**

**APPLICATION METHODS**

Soil TRIGGRR may be applied to fields using the following methods:

**Preplant incorporated:** Broadcast Soil TRIGGRR over the field surface, or band Soil TRIGGRR over the seed bed, and incorporate thoroughly prior to planting. Apply Soil TRIGGRR the day of planting for best results.

**In seed furrow:** Band or dribble and incorporate Soil TRIGGRR into the seed furrow at planting. Soil TRIGGRR may also be knifed in below and to the side of the seeds in combination with starter fertilizer.

**Side-dress:** Knife Soil TRIGGRR into the soil near the root zone after crops have emerged.

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**Surface applied/irrigated:** Spray Soil TRIGGRR on the soil surface and water in to the root zone in established crops, or to the depth of the seed in newly planted crops. For best results irrigate immediately following the Soil TRIGGRR application.

**In irrigation water:** Soil TRIGGRR may be applied through sprinkler, flood (basin), furrow, border and drip irrigation systems. (See also "Chemigation," page 17.)

**In transplant water:** See "Transplant use," page 5.

**ROW SPACING RATE TABLE**

For many crops Soil TRIGGRR is applied in the seed furrow or as a side-dress application at the rate of 0.75-1 oz/1000 feet of row, up to a maximum of 20 oz/A. The following table shows the amount of Soil TRIGGRR to use with such crops, in ounces per acre, for different row spacings.

Row Spacing (Inches)	Ounces of Soil TRIGGRR per Acre
40 or more	10-13
35	11-15
30	13-17
25	16-20
20 or less	20

**FIELD CROPS (continued)**

**ALFALFA:**

Apply Soil TRIGGRR using one or both of the following methods:

**In seed furrow:** Broadcast Soil TRIGGRR over the open seed furrows at planting, at the rate of 15 oz/A.

**Surface applied/irrigated:** Broadcast Soil TRIGGRR at the rate of 10 oz/A after each cutting, followed by irrigation as per the instructions on page 6.

**CORN:**

**In seed furrow or side-dress:** Apply Soil TRIGGRR at 10 oz/A.

**COTTON:**

Apply Soil TRIGGRR using one of the following methods:

**In seed furrow or side-dress:** Apply Soil TRIGGRR at the rate of 5-10 oz/A.

**Drip Irrigation:** Apply Soil TRIGGRR at the rate of 5-10 oz/A. (See also "Chemigation," page 17.)

*Note:* Soil TRIGGRR should not be used on cotton in soils with a high clay content.

**LLUPINE:**

See "Soybeans," page 8.

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**PEANUTS.**

**In seed furrow or side-dress:** Apply Soil TRIGGRR at the rate of 0.75-1 oz/1000 feet of row, up to a maximum of 20 oz/A (see "Row Spacing/Rate Table," page 6).

**RICE:**

Apply Soil TRIGGRR using one of the following methods:

**Preplant incorporated or surface applied/irrigated:** Apply Soil TRIGGRR at the rate of 20 oz/A prior to seeding or just prior to flooding the field.

**Flood irrigation:** Apply Soil TRIGGRR at the rate of 20 oz/A in irrigation water at any time up to panicle initiation (See also "Chemigation," page 17.)

**SORGHUM-MILO, SOYBEANS, SUGAR BEETS.**

Apply Soil TRIGGRR using one of the following methods:

**Preplant incorporated:** Apply Soil TRIGGRR broadcast and incorporated at the rate of 20 oz/A.

**In seed furrow or side-dress:** Apply Soil TRIGGRR at the rate of 0.75-1 oz/1000 feet of row, up to a maximum of 20 oz/A (see "Row Spacing/Rate Table," page 6).

*Note:* Apply Soil TRIGGRR in the seed furrow or as a side-dress for best results.



**TRITICALE (seed/row).**

Apply Soil TRIGGRR using one of the following methods:

**Preplant incorporated:** Apply Soil TRIGGRR broadcast and incorporated at the rate of 20 oz/A.

**In seed furrow:** Apply Soil TRIGGRR at the rate of 20 oz/A.

**FRUITS**

**APPLES:**

Apply Soil TRIGGRR in the spring prior to bud break. Applications may be repeated at 4-8 week intervals until dormancy.

**Side-dress:** Knife Soil TRIGGRR into the soil within the drip line at the rate of 10-30 oz/A.

**Surface applied/irrigated:** Spray Soil TRIGGRR within the drip line, followed by irrigation as per the instructions on page 6. Use a broadcast-equivalent rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications. (Adjust the rates in proportion to the percent of the total land surface covered by the spray).

**In irrigation water:** Apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

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**In transplant water:** See instructions on page 5.

**BANANAS.**

Apply Soil TRIGGRR at transplant or at the start of new sucker growth. Applications may be repeated at 4-8 week intervals.

**Surface applied/irrigated:** Spray Soil TRIGGRR around the base of each plant, followed by irrigation as per the instructions on page 6. Use a broadcast-equivalent rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications. (Adjust the rates in proportion to the percent of the total land surface covered by the spray.)

**In irrigation water:** Apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

**GRAPES**

Apply Soil TRIGGRR in the spring prior to bud break. Applications may be repeated at 4-8 week intervals until dormancy.

**Surface applied/irrigated:** Spray Soil TRIGGRR on the soil around the base of each vine, followed by irrigation as per the instructions on page 6. Use a broadcast-equivalent rate of 45-60 oz/A

for single applications and 20-30 oz/A for multiple applications. (Adjust the rates in proportion to the percent of the total land surface covered by the spray.)

**In irrigation water:** For drip irrigation, apply Soil TRIGGRR at the rate of 10 oz/A for single applications and 5-10 oz/A for multiple applications. For all other irrigation methods, apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

**ORANGES:**

For non-bearing trees, apply Soil TRIGGRR prior to the beginning of each flush of new growth. Applications may be repeated at 4-8 week intervals during the growth period.

For bearing trees, apply Soil TRIGGRR at the beginning of flower bud formation. Applications may be repeated at 4-8 week intervals throughout the growing season.

**Surface applied/irrigated:** Spray Soil TRIGGRR within the drip line, followed by irrigation as per the instructions on page 6. Use a broadcast-equivalent rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications. (Adjust the rates in proportion to the percent of the total land surface covered by the spray.)

**In irrigation water:** Apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

**PEACHES:**  
See "Apples," page 9.

**PLANTAINS:**  
See "Bananas," page 10.

**STRAWBERRIES:**  
See "All other vegetables," page 13.

**VEGETABLES**

**ASPARAGUS:**  
Apply Soil TRIGGRR prior to or at planting, and at the beginning of each cycle of new growth. An additional application may be made 3-6 weeks after the beginning of each harvest.

**Preplant incorporated:** Apply Soil TRIGGRR broadcast and incorporated at the rate of 45-60 oz/A.

**In seed furrow or side-dress:** Apply Soil TRIGGRR at the rate of 0.75-1 oz/1000 feet of row.

**Surface applied/irrigated:** Apply Soil TRIGGRR at a broadcast-equivalent rate of 45-60 oz/A, followed by irrigation as per the instructions on page 6. If applied in a band, adjust the rates in proportion to the percent of the total land surface covered by the spray.

**In irrigation water:** For drip irrigation, apply Soil TRIGGRR at the rate of 0.75-1.25 oz/1000 feet of row. For all other irrigation methods, apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

**BEANS (DRY):**  
See "Soybeans," page 8.

**ALL OTHER VEGETABLES:** BEANS (FRESH MARKET AND PROCESSING), BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CARROTS, CAULIFLOWER, CELERY, CORN (SWEET), CUCUMBER, EGGPLANT, FLORENCE FENNEL, FENNEL, GARLIC, LEEKS, LETTUCE, MELONS, OKRA, ONIONS, PARSLEY, PEAS, PEPPERS, POTATOES, PUMPKINS, RADISHES, SHALLOTS, SPINACH, SQUASH, SWEET POTATOES, TOMATOES, YAMS.

Apply Soil TRIGGRR prior to or at planting and/or in one or more applications after crops have emerged.

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**Preplant incorporated:** Apply Soil TRIGGRR at the rate of 45-60 oz/A on a broadcast basis. If applied in a band, adjust the rate according to the percent of the total land surface covered.

**In seed furrow or side-dress:** Apply Soil TRIGGRR at the rate of 0.75-1 oz/1000 feet of row.

**Surface applied/irrigated:** Apply Soil TRIGGRR at a broadcast-equivalent rate of 45-60 oz/A, followed by irrigation as per the instructions on page 6. If applied in a band, adjust the rates in proportion to the percent of the total land surface covered by the spray.

**In irrigation water:** For drip irrigation, apply Soil TRIGGRR at the rate of 0.75-1.25 oz/1000 feet of row. For all other irrigation methods, apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated." above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation." page 17.)

**In transplant water:** See instructions on page 5.

**NON-FOOD CROPS**

**JOJOBA:**  
Apply Soil TRIGGRR prior to or at planting and twice a year at the beginning of each growth period.

**In seed furrow or side-dress:** Apply Soil

TRIGGRR at the rate of 0.75-1 oz/1000 feet of row.

**Surface applied/irrigated:** Apply Soil TRIGGRR at a broadcast-equivalent rate of 45-60 oz/A, followed by irrigation as per the instructions on page 6. If applied in a band, adjust the rates in proportion to the percent of the total land surface covered by the spray.

**In irrigation water:** For drip irrigation, apply Soil TRIGGRR at the rate of 0.75-1.25 oz/1000 feet of row. For all other irrigation methods, apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated." above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation." page 17.)

**ORNAMENTALS:**

Apply Soil TRIGGRR prior to or at planting or transplant. Applications may be repeated at 2-8 week intervals.

**In seed furrow or side dress:** Apply Soil TRIGGRR at the rate of 0.75-1 oz/1000 feet of row.

**Surface applied/irrigated:** Apply Soil TRIGGRR at a broadcast-equivalent rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications, followed by irrigation as per the instructions on page 6. If applied in a band, adjust the rates in proportion to the percent of the total land surface covered by the spray.

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**In irrigation water:** For drip irrigation, apply Soil TRIGGRR at the rate of 0.75-1.25 oz/1000 feet of row. For all other irrigation methods, apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

**TREES:**  
Apply Soil TRIGGRR prior to bud break in the Spring. Applications may be repeated at 1-4 month intervals during the growing season.

**Surface applied/irrigated:** Spray Soil TRIGGRR within the drip line, followed by irrigation as per the instructions on page 6. Use a broadcast-equivalent rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications. (Adjust the rates in proportion to the percent of the total land surface covered by the spray.)

**In irrigation water:** Apply Soil TRIGGRR at the rates indicated under "Surface applied/irrigated," above, adjusting the rate in proportion to the percent of the total land surface covered, or saturated, by the irrigation. (See also "Chemigation," page 17.)

**In transplant water:** See instructions on page 5.

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**TURF:**  
Apply Soil TRIGGRR after seeds or stolons have been planted and prior to incorporation or coverage with mulch, or at the initiation of new growth in the Spring. Applications may be repeated at 2-4 week intervals.

**Surface applied/irrigated:** Broadcast Soil TRIGGRR at the rate of 45-60 oz/A for single applications and 20-30 oz/A for multiple applications, followed by irrigation as per the instructions on page 6.

**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; flood (basin); furrow; border; or 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 any 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.

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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

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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 favors drift beyond the area intended for treatment.

The pesticide supply tank should be agitated throughout the application of Soil TRIGGRR.

Soil TRIGGRR should be applied at the end of the water application.

For mixing instructions see "Mixing Instructions," page 3, and "Compatibility," page 4.

Soil TRIGGRR should be applied in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

**Sprinkler Chemigation:** The system must contain a functional check valve, vacuum relief valve, and

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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 (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.

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The pesticide supply tank should be agitated throughout the application of Soil TRIGGRR.

Soil TRIGGRR should be applied at the end of the water application.

For mixing instructions see "Mixing Instructions," page 3, and "Compatibility," page 4.

Soil TRIGGRR should be applied in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

**Flood (basin), 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 backflow if the water flow stops.

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements.

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

A pesticide supply tank should be used for applying Soil TRIGRR.

For mixing instructions see "Mixing Instructions," page 3, and "Compatibility," page 4.

The pesticide supply tank should be agitated throughout the application of Soil TRIGRR.

Soil TRIGRR should be applied at the end of the water application.

Soil TRIGRR should be applied in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

**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.

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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.

A pesticide supply tank should be used for applying Soil TRIGRR.

For mixing instructions see "Mixing Instructions," page 3, and "Compatibility," page 4.

The pesticide supply tank should be agitated throughout the application of Soil TRIGRR.

Soil TRIGRR should be applied at the end of the water application.

Soil TRIGRR should be applied in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

SOIL TRIGRR

Notes

Horizontal lines for notes

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