



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7501W)  
401 M Street, S.W.  
Washington, DC 20460

EPA Reg. Number:  
9779-GGU  
334

Date of Issuance:  
OCT 29 1996

Term of Issuance: Unconditional

Name of Pesticide Product:  
Maxon IV

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
Riverside/Terra Corp.  
P.O. Box 6000  
Sioux City, IA 51102-6000

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The Food Quality Protection Act (FQPA) was signed into law on August 3, 1996. Although full implementation of FQPA has not been achieved, the Agency has no reason to believe that the registration of this product will, in any way, violate the terms of the Act. If EPA determines, as a result of the FQPA implementation process, that the decision to register this product is no longer appropriate, the Agency will consider itself free to pursue whatever action may be appropriate, including, but not limited to, reconsideration of the registration decision.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and /or cite all data required for registration/reregistration of your product under FIFRA Sec.3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec.4.
2. Revise the EPA Registration Number on the label to read, "EPA Reg. No. 9779-334."
3. Submit five (5) copies of the final printed label for the record.

A stamped copy of the final draft label is enclosed for your records. Any questions may be directed to Joan Karrie, Regulatory Action Leader for this action, at (703) 308-8699, fax (703) 308-7026.

Sincerely,

*Janet L. Andersen*  
Janet L. Andersen, Ph.D.  
Director

Biopesticides and Pollution  
Prevention Division (7501W)

Signature of Approving Official:

Date:

2/5

**Maxon IV**

Containing plant growth regulators

**ACCEPTED**  
**OCT 29 1996**  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9779-334

<b>ACTIVE INGREDIENTS</b>	
Gibberellic Acid*	0.0030%
Indole-3-Butyric Acid*	0.0030%
<b>INERT INGREDIENT</b>	<b>99.9940%</b>
<b>TOTAL</b>	<b>100.0%</b>

<b>FERTILIZER GUARANTEED ANALYSIS</b>	
Sulfur (S) (combined)	1.0000%
Boron (B)	0.0200%
Cobalt (Co)	0.0005%
Copper (Cu)	0.0500%
.05% chelated copper	
Iron (Fe)	0.1000%
0.1% chelated iron	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.0500%
.05% chelated zinc	

Derived from sodium borate, cobalt sulfate, copper EDTA, iron HEDTA, sodium molybdate, and zinc EDTA.  
 \* contains 0.96 mg/fl. oz. gibberellic acid  
 \* contains 0.96 mg/fl. oz. Indole-3-Butyric acid

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention if irritation persists.  
**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Causes eye irritation. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes, or clothing.

**Personal Protective Equipment:**  
 Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and 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.

Read Additional PRECAUTIONARY STATEMENTS found after USER SAFETY RECOMMENDATIONS.

EPA Reg. No. 9779-

EPA Est. No.

Manufactured For  
**RIVERSIDE/TERRA CORP.**  
 P.O. Box 6000, Sioux City, Iowa 51102  
*Riverside Serves Agriculture. Agriculture Serves Everyone*

**NET CONTENTS**  
 \_\_\_\_\_ GALS  
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3/5

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 apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Exposed treated seeds may be hazardous to birds and other wildlife.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

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.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

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, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

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

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

GENERAL INFORMATION

Maxon IV is a combination of plant growth hormones and fertilizer, formulated to stimulate seedling vigor, flower and fruit set, and to increase crop yields. All recommendations are for foliar (broadcast) applications unless otherwise stated. The use of a foliar fertilizer following or in combination with Maxon IV applications enhances its activity.

Where a range of dosage rates is given, use the higher rate for maximum yield potential. For a more economical program, use the lower rate.

PREPARATION AND APPLICATION OF SPRAY SOLUTIONS

Fill spray tank half full with clean water. Start agitation. If compatibility problems are suspected, add an approved compatibility agent at labeled rates. Shake Maxon IV well and pour directly from the container into the partially filled spray tank. Add the rest of the water. Provide agitation during mixing and application to maintain a uniform suspension.

Maxon IV may be applied either by ground in 5 to 50 gallons of water or by air in 1 to 10 gallons of water. Use sufficient water to obtain uniform coverage without excessive run-off. When applied alone or with foliar fertilizer, use an approved non-ionic surfactant to enhance the wetting and spreading characteristics of the spray solution. When used with other pesticides, follow the label requirements of the pesticide used.

CROPS

BEANS (Green, Lima, Pinto, Mung), PEAS (Blackeye):

If mechanically harvested: Make a broadcast application of 6 fl. oz./acre at the first sign of bloom.

If handpicked: Make a broadcast application of 1 to 2 fl. oz./acre at time of early bloom. Wait 7 to 14 days, then broadcast 1 to 2 fl. oz./acre. Continue to broadcast 1 to 2 fl. oz./acre on a 7 to 14 day schedule throughout the growing season.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: Make an application of 3 to 6 fl. oz./acre broadcast 14 days after transplanting. Follow with a second application of 3 to 6 fl. oz./acre broadcast 28 days after transplanting.

CORN (Field, Sweet): Broadcast 8 fl. oz./acre preemergence. Alternatively, apply 2 fl. oz./acre in seed furrow at planting; band 4 fl. oz./acre at 5 to 8 leaf stage.

**COTTON:** Apply 4 fl. oz./acre broadcast at matchhead square. Make a second application of 4 fl. oz./acre at first bloom. Alternatively, apply 1 fl. oz./acre in seed furrow; broadcast 8 fl. oz./acre at pinhead or matchhead and broadcast 3 fl. oz./acre at early bloom.

**CUCUMBERS, SQUASH:** At the 2 to 4 leaf stage, apply 3 fl. oz./acre broadcast. Follow with 3 oz./acre broadcast at early bloom. Wait 14 to 21 days and broadcast 2 fl. oz./acre. Continue to broadcast 1 to 2 fl. oz./acre every 14 to 21 days throughout the growing season.

**LETTUCE, SPINACH, TURNIPS, MUSTARD GREENS:** Make an application of 6 fl. oz./acre at the 3 to 4 leaf stage. For spinach and greens, broadcast 2 fl. oz./acre after each cutting. Alternatively, apply 2 fl. oz./acre in seed furrow or in a 14 inch band over the top at the 3 leaf stage.

**MELONS (Cantaloupes, Honeydews, Watermelons):** Make an application of 3 fl. oz./acre broadcast at first sign of running and again two weeks after running.

**MILLO (Grain Sorghum):** Apply 8 fl. oz./acre broadcast over the plants at the 4 to 6 leaf stage. Alternatively, apply 2 fl. oz./acre in seed furrow at planting; band 3 to 4 fl. oz./acre at the 5 to 7 leaf stage.

**PEANUTS:** Apply 6 fl. oz./acre broadcast at initial pegging.

**PEPPERS (Bell, Jalapeno, Serrano):** Apply 2 fl. oz./acre broadcast two weeks after transplanting, followed by 2 fl. oz./acre at early bloom. Wait 21 days, then broadcast 2 fl. oz./acre. Continue to broadcast 1 to 2 fl. oz./acre on a 21 day schedule up to 2 weeks prior to harvest.

**POTATOES (Russet):** Broadcast 6 fl. oz./acre at first sign of bloom.

**RICE:** Make one application of 6 to 8 fl. oz./acre at the 3 to 5 leaf stage.

**SOYBEANS:** Apply 6 fl. oz./acre broadcast over the plants at first sign of bloom.

**STRAWBERRIES:** Apply 3 fl. oz./acre broadcast at early bloom.

**SUGARCANE:** Apply 8 fl. oz./acre at time of fertilizer side-dressing.

**SUGAR BEETS:** Broadcast 2 fl. oz./acre at the 6 to 8 leaf stage followed by 2 fl. oz./acre 30 days later.

**TOMATOES:** If machine harvested: Apply 6 fl. oz./acre broadcast slightly before or at first bloom.

If hand picked: Apply 1 to 2 fl. oz./acre broadcast slightly before or at first bloom. Continue to broadcast 1 to 2 fl. oz./acre on a 7 to 14 day schedule throughout the growing season.

**WINTER WHEAT, OATS, BARLEY, RYE:** Make an application of 4 fl. oz./acre within two weeks after emergence followed by a second application of 4 fl. oz./acre at early tillering.

#### YOUNG TREES, ORNAMENTALS, SOD, LAWNS, TURF

**ORANGE TREES:** Spray foliage of young trees to drip or run-off two to three times per year. Use 1 fl. oz. per 2 gallons of water.

**SHRUBS (Established):** Spray foliage with 1 fl. oz. Maxon IV in 2 gallons of water. Spray to point of run-off, two or three times a year.

**SOD:** During initial sod production (4-6 weeks prior to harvest), broadcast 8 fl. oz./acre. For regrowth enhancement after harvest, broadcast 4 fl. oz./acre. Repeat application of 4 fl. oz./acre six weeks later.

**TURF:** (after laying sod. May be used on all turf sites including lawns, athletic fields, golf courses, etc., and all turfgrass or ornamental grass types). Broadcast 2 fl. oz./5,000 square feet and water in. Thirty days later, make a second application of 2 fl. oz./5,000 square feet and water in.

**LAWNS (Established):** Use 1 fl. oz. broadcast per 5,000 square feet. Rates and timing may be adjusted as required based on user's own experience or recommendation of local extension specialist.

#### GOLF COURSES

**GREENS:** Use 2 fl. oz. of Maxon IV per 5,000 sq. ft. of golf green area 60 days prior to first killing frost. Apply 1 fl. oz. per 5,000 sq. ft. 30 days later. In spring, resume applications of 1 fl. oz. per 5,000 sq. ft. every 30 days.

**TEES:** Use 2 fl. oz. of Maxon IV per 5,000 sq. ft. every 30 days

**FAIRWAYS:** Apply 8 fl. oz. per acre in early to mid spring. Repeat application mid to later summer.

5/5

**ON-FARM SEED TREATMENT**

For use on-farm as a seed treatment at time of planting. Seed treatment at time of planting at the following rates replaces the need for in-furrow application of Maxon IV at time of planting. **DO NOT ALLOW TREATED SEED TO BE USED FOR FOOD OR FEED.**

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 excess treated seed by burial away from streams and bodies of water.

Apply Maxon IV directly to seed at the following rates. Use suitable equipment to assure even coverage. Sufficient water to provide even coverage may be added. Uneven coverage may reduce the effectiveness of the product.

RATE OF Maxon IV	
SEED TYPE	RATE per 100 lb SEED
cotton	6-12 fluid ounces
corn (field, sweet, pop)	6-12 fluid ounces
cereal grains (wheat, barley, oats, rice, rye)	1 fluid ounce
grain sorghum (milo)	10 fluid ounces
peanuts	1 fluid ounce

**COMMERCIAL SEED TREATMENT**

Maxon IV may be applied as a water-based slurry with other seed treatment insecticides and fungicides registered for use on crops on this label. Apply through slurry- or mist-type commercial seed treating equipment. The purchaser of this product is responsible for ensuring that all seeds treated with this product are adequately dyed with a suitable color to prevent accidental use as food or feed for man or animals. Refer to 21 CFR § 2.25. Any Dye used must have a food tolerance or exemption from a tolerance under 40 CFR § 180.1001.

NOTE: The Federal Seed Act requires that bags containing treated seed be labeled with following statement:  
 "THIS SEED HAS BEEN TREATED WITH RIVERSIDE/TERRA CORP. Maxon IV. DO NOT USE TREATED SEED FOR FOOD, FEED OR OIL PURPOSES.

STORE TREATED SEED AWAY FROM FOOD AND FEED.

**STORAGE AND DISPOSAL**  
**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE AND DISPOSAL**

**STORAGE**

Do not store below 40°F. Store out of direct sunlight. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under DISPOSAL. Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

**DISPOSAL**

**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:** For one gallon plastic containers or larger, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. For containers less than one gallon, securely wrap original container in several layers of newspaper and discard in trash.

NOTICE: Seller 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 directions under normal conditions of use, but neither this warranty nor any other warranty nor merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.