



PGR-IV PLUS

ACTIVE INGREDIENTS*

Indole-3-Butyric Acid.....	0.035%
Gibberellic Acid (GA3).....	0.038%
OTHER INGREDIENTS*.....	99.927%
	100.000%

*Refer to supplemental label on back panel for fertilizer content.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See [Side] [Back] Panel For Additional Precautions

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none">• 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 IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact: <ul style="list-style-type: none">• (800) 424-9300 CHEMTREC (transportation and spills)• (800) 832-HELP (4357) (human health)• (800) 345-4735 ASPCA (animal health)	

EPA Reg. No. 51036-280
001
AD 080697

EPA Est. No. 51036-GA-

NET CONTENTS:

Manufactured By:
MICRO FLO COMPANY LLC
P.O. BOX 772099
MEMPHIS, TN 38117

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

CAUTION

Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Remove contaminated clothing and wash before reuse. Harmful if absorbed through skin. Avoid contact with skin, eyes and

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Added 3rd language as requested per EPA email of 2/13/06

clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and 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:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Users should remove clothing/personal protective equipment 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

Do not apply directly to water, 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.

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

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 and restricted-entry intervals. 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.

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:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks

STORAGE AND DISPOSAL

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

STORAGE: Protect from freezing. Store out of direct sunlight.

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

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

MIXING AND APPLICATION INSTRUCTIONS

Apply PGR-IV PLUS in a minimum of 5 gallons of diluent for aerial application and 10 gallons for ground application. Thorough coverage is important. Enough foliage should be

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present to capture most of application. PGR-IV PLUS can be mixed with most foliar fertilizers, fungicides and herbicides labeled for over-the-top application. Follow all other label instructions regarding application restrictions to avoid unwanted phytotoxicity.

NOTE: Solvent based herbicides and high rates of foliar fertilizers will burn crop vegetation when applied during periods of high temperature and/or humidity, especially if tank mixed with each other. PGR-IV PLUS can increase the phytotoxicity of these mixtures when applied during periods of high temperatures and/or humidity.

Do not apply plant growth regulators to crops under stress. Application during moisture stress will not be beneficial.

NOTE: THIS PRODUCT IS COMPATIBLE WITH MOST COMMONLY USED PESTICIDES. HOWEVER, IT IS ADVISABLE TO ALWAYS CHECK FOR COMPATIBILITY. SHAKE WELL BEFORE USING.

SEED TREATMENT

At Planting Treatment:

Use of seed treated with PGR-IV PLUS at the recommended rates precludes the need for in furrow application of PGR-IV PLUS at planting. Do not allow treated seed to be used for food or feed.

Use suitable treatment equipment with good mixing action to obtain good and even coverage. Sufficient water should be added to the PGR-IV PLUS to insure uniform coverage. Improper coverage will minimize product performance. A seed treatment dye is not required for at planting seed treatment but is recommended to insure identification of treated seed and as an aid to measure coverage of seed. PGR-IV PLUS can be mixed with other fungicides, growth regulators and insecticides labeled for seed treatment.

Apply PGR-IV PLUS directly to the seed using the following rate table:

<u>Seed Type</u>	<u>Rate Per 100 Pounds of Seed</u>
Corn	30 - 50 fluid ounces
Milo or Grain Sorghum	30 - 50 fluid ounces

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Rice	6 - 8 fluid ounces
Wheat (Winter or Spring)	6 - 8 fluid ounces

NOTE: These rates are based on achieving the equivalent of 6 to 8 fluid ounces of formulated PGR-IV PLUS per acre of planted seed. Users should vary rates according to specific seed planting rates due to seed variety, soil types or other local conditions.

Commercial Seed Treatment:

PGR-IV PLUS may be applied as a water-based slurry with other registered seed treatment products through standard slurry or mist-type commercial seed treatment equipment. Use the equivalent rates in the above table.

NOTE: Federal law requires that bags containing treated seed shall be labeled with the following statements:

"This seed has been treated with Micro Flo Company's PGR-IV PLUS. Do not use seed for food, feed or oil purposes."

"Store away from feeds or foodstuffs."

The purchaser of this product is responsible for insuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye added must be cleared for use under 40 CFR, Part 180.1001.

RICE

Option A:

- 16 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 8 fluid ounces of PGR-IV PLUS per acre applied as seed treatment.
- 8 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf stage.

Option C:

- 6 fluid ounces of PGR-IV PLUS per acre applied as seed treatment.
- 6 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf

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stage.

- 6 fluid ounces of PGR-IV PLUS per acre applied between boot and flag stage.

Rice planted on soils with high sodium content or high Ph should begin treatments at planting. Early planted rice expected to receive cool, damp conditions during germination should begin treatments at planting. Rice varieties having poor seed quality should receive late treatments.

WINTER WHEAT

Option A:

- 12 - 16 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.

Option B:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment.
- 10 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.

Option C:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment.
- 6 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.
- 6 fluid ounces of PGR-IV PLUS per acre at boot stage.

SPRING WHEAT

Option A:

- 12 - 16 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 6 - 8 fluid ounces of PGR-IV PLUS per acre applied as a seed treatment.
- 8 - 10 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf stage.

Wheat planted on soils with high sodium content or high Ph should be treated at planting. PGR-IV PLUS can be tank mixed with liquid nitrogen application at dormancy break and fungicides at boot stage.

CORN

Option A:

- 12 - 16 fluid ounces Ph PGR-IV PLUS per acre at early growth (6 - 18 inch plant height).

Option B:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment or applied in furrow at planting.
- 6 fluid ounces of PGR-IV PLUS at early growth stage (6 - 18 inch plant height).
- 6 fluid ounces of PGR-IV PLUS per acre during silking stage.

MILO OR GRAIN SORGHUM

Option A:

- 12 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 6 - 8 fluid ounces of PGR-IV PLUS per acre as a seed treatment or applied in furrow at planting.
- 6 - 8 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions For Use of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of MICRO FLO COMPANY (MICRO FLO) or the SELLER. All such risks shall be assumed by the Buyer.

MICRO FLO warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use, subject to the inherent risks, referred to above.

MICRO FLO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT PERMITTED BY LAW, MICRO FLO AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING

FROM THE USE OR HANDLING OF THIS PRODUCT. MICRO FLO and the SELLER offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of MICRO FLO.

(Back Panel Label)

GUARANTEED FERTILIZER ANALYSIS

ZINC (Zn)	5.000%
IRON (Fe)	1.000%
	100.000%

Zinc derived from Zinc Sulfate.
Iron derived from Ferric Nitrate.