

PGR-IV PLUS

ACTIVE INGREDIENTS*

Indole-3-Butyric Acid.....	0.035%
Gibberellic Acid (GA3).....	0.038%
INERTS*.....	<u>99.927%</u>
	100.000%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

Refer to enclosed booklet for additional precautionary statements.

EPA Reg. No. 51036-EIN EPA Est. No. 51036-GA-1

NET CONTENTS: _____

Manufactured By:
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FL 33807

ACCEPTED

AUG - 6 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 51036-280

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 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

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 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 present to capture most of application. PGR-IV PLUS can be mixed with most foliar fertilizers, fungicides and herbicides labelled 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
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 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 WARRANTY:

MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MICRO FLO. IN NO CASE SHALL MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, MICRO FLO MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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(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.

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