

**BP01 1.7**

Microbial plant growth regulator for use on cotton and soybeans

ACTIVE INGREDIENTS:

*Bacillus cereus*, Strain BP01..... 1.70%

INERT INGREDIENTS: .....98.30%

TOTAL ..... 100.00%

Contains a minimum of 10.5 x 10<sup>9</sup> colony forming units per fluid ounce.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES:

- 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:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

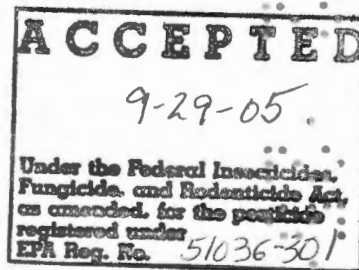
See Additional Precautionary Statements on rear panel.

EPA Reg. No. 51036-301  
AD 022703

EPA Est. No. 51036-GA-1

NET CONTENTS:

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



PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals

CAUTION. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

EMERGENCY NUMBERS:

- Transportation or spill, call CHEMTREC 800-424-9300.
- Human health, call Poison Control Center at 800-900-4044.
- Animal health, call ASPCA at 800-345-4735.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Wear a NIOSH accepted filtering facepiece respirator N-95 or higher.

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 when cleaning of equipment or disposing of equipment washwater.

CHEMIGATION PROHIBITION

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

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.

When exposed to potentially high concentrations of living microbial products such as this, all mixer/loaders and other handlers must wear a NIOSH accepted filtering facepiece respirator N-95 or higher.

#### 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 12 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
4. Wear a NIOSH accepted filtering facepiece respirator N-95 or higher.

#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in locked area in original container only, with lid tightly closed. Store separately from other pesticides and fertilizers, food and feed to prevent contamination. Use care to avoid puncturing container during storage or transit. In case of a spill or leaking container, call CHEMTREC at 1-800-424-9300.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture or rinsate is a

violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse container (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.

#### GENERAL INFORMATION

BP01 1.7 is a foliar applied biological plant growth regulator intended to promote root mass growth, earlier fruit initiation, increased fruit retention, and increased nutrient utilization.

BP01 1.7 is water based, and is compatible with most pesticides, and fertilizers. If compatibility is in doubt, perform a standard jar test (mix all ingredients in a clear glass jar in approximate ratios intended for field application) to check for compatibility.

Care should be used when applying with foliar fertilizers under conditions of extreme heat.

#### MEPIQUAT CHLORIDE TANK MIX FOR COTTON

BP01 1.7 may be tank mixed with either MEPICHLOR 4.2% LIQUID or MEPICHLOR PILL using the following rates:

BP01 1.7 (fluid oz)	MEPICHLOR 4.2% LIQUID (fluid oz)	MEPICHLOR PILL (pills)
0.25	8	0.25
0.50	16	0.50
1.00	32	1.00
1.50	48	1.50
2.00	64	2.00
4.00	128	4.00

#### APPLICATION TIMING AND RATES

Follow application timing and rate instructions on the mepiquat chloride product used in tank mix with BP01 1.7.

MEPIQUAT CHLORIDE TANK MIX SPRAY MIX VOLUMES

DILUENT	MINIMUM PER ACRE	MAXIMUM PER ACRE	COMMENTS
WATER	2 gallons (aerial) 10 gallons (ground)	10 gallons (aerial) 60 gallons (ground)	Use minimum of 5 gallons in California for aerial.
OIL, petroleum or vegetable  Aerial only	2 pints	4 pints	Application in oil is permitted only in AL, AR, FL, GA, LA, MO, MS, NC, OK, SC, TN and TX.  If using a vegetable oil, only highly refined concentrates should be used containing sufficient amount of emulsifier to insure adequate mixing.  Mix under constant agitation. Pour 1/2 of the required volume of oil into the spray tank, and then pour in the mepiquat chloride and BP01 1.7 before the remainder of the oil is added.  Constant agitation is required during mixing and application.

RAIN WASH-OFF PRECAUTION

Thorough coverage of foliage is required for the mepiquat chloride and BP01 1.7 spray mixture to be effective. The use of a high quality surfactant will enhance coverage and the uptake of the spray mixture into the plant. It will allow applications to be made as little as 4 hours prior to rainfall to be effective. Without a surfactant, the product should be used at least 8 hours prior to expected rainfall.

ACEPHATE TANK MIX FOR COTTON

BP01 1.7 may be incorporated with acephate products as part of an insect control program for cotton. Apply 1 to 4 fluid ounces per acre with the labeled rate of acephate as a foliar application. Use the higher rates as plant size increases during growing season.

BP01 1.7 COTTON RESTRICTIONS AND LIMITATIONS

- For use on short-staple and long-staple (Pima) cotton only.
- Do not exceed 6 applications per season.
- Do not exceed 48 fluid ounces of BP01 1.7 per acre per year.
- Follow all restrictions on label of mepiquat chloride or acephate products used in tank mix.

- Do not apply BP01 1.7 within 30 days of harvest.
- Do not graze or feed cotton forage to livestock.

#### SOYBEANS

Single application:

Apply 4 to 10 fluid ounces per acre at early bloom.

Multiple Applications:

FIRST - Apply 4 to 6 fluid ounces per acre broadcast after first true leaf stage. Reduce rate to 2 to 4 fluid ounces if banded application is made.

SECOND - Apply 4 to 8 fluid ounces per acre during third to sixth node stage.

THIRD - Apply 4 to 8 fluid ounces per acre at early bloom stage.

FOURTH - Apply 4 to 10 fluid ounces per acre during full bloom stage.

#### BP01 1.7 SOYBEAN RESTRICTIONS AND LIMITATIONS

- Do not exceed 4 applications per season.
- Do not exceed 32 fluid ounces of BP01 1.7 per acre per year.
- Follow all restrictions on label of any products used in tank mix.
- Do not apply BP01 1.7 within 30 days of harvest.
- Do not graze or feed forage to livestock.

#### CONDITIONS OF SALE AND WARRANTY

MICRO FLO warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE when it is used in accordance with such directions, subject to the inherent risks mentioned above. MICRO FLO NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS. TO THE EXTENT PERMITTED BY STATE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH

RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.