

PM91

51036-301

5/12/98

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

EPA Reg. Number:
51036-301

Date of Issuance:
MAY 12 1998

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Unconditional registration

Name of Pesticide Product:
BP01 1.7

Name and Address of Registrant (include ZIP Code):

Micro Flo Company
P.O. Box 5948
Lakeland Florida 33807-5948

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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/reregistered 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.

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 to read, "EPA Reg. No. 51036-301"
3. Submit five (5) copies of the revised final printed label for the record.
4. Under "Precautionary Statements" add: 4. "Wear a NIOSH accepted filtering facepiece respirator N-95 or higher."
5. Under "Directions for Use" add: " 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."
6. In the "Agricultural Use Requirements" box add: 4. " Wear a NIOSH accepted filtering facepiece respirator N-95 or higher."

If these conditions are not complied with, the registration will be subject to cancellation in accordance with the FIFRA Sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions

Signature of Approving Official:
Janet L. Andersen
Janet L. Andersen Ph.D.

Date:
MAY 12 1998

BP01 1.7

Microbial plant growth regulator for use on cotton

ACTIVE INGREDIENTS:

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

INERT INGREDIENTS:98.30%

TOTAL 100.00%

Contains a minimum of 10.5×10^9 colony forming units per fluid ounce.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

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

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

See Additional Precautionary Statements on rear panel.

EPA Reg. No. 51036-³⁰¹GNR

EPA Est. No. 51036-GA-1

NET CONTENTS: _____

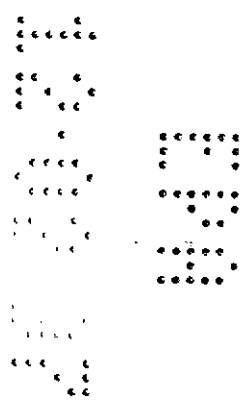
ACCEPTED
with COMMENTS
In EPA Letter Dated

May 12, 1998

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

51036-301

Manufactured by:
MICRO FLO COMPANY
P.O. Box 5948
Lakeland, Florida 33807-5948



PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with eyes, skin or 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

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.

<p>USER SAFETY RECOMMENDATIONS</p> <p>Users should:</p> <ul style="list-style-type: none"> 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.
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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.

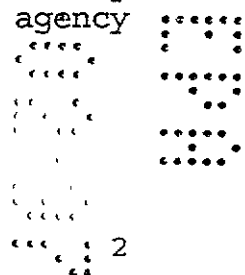
CHEMIGATION PROHIBITION

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.



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

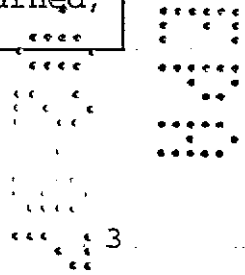
STORAGE AND DISPOSAL

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.



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IN CASE OF EMERGENCY

In case of large-scale spillage regarding this product, call CHEMTREC at 1-800-424-9300.

In case of medical emergency regarding this product, call your local doctor for immediate treatment, or your local poison control center (hospital).

GENERAL INFORMATION

The following table gives the minimum and maximum amounts of diluent to be used to apply the amount of BP01 1.7 per acre specified in the use rate tables. Applicators should use a dilution rate that achieves thorough coverage of available plant foliage up to the point of runoff.

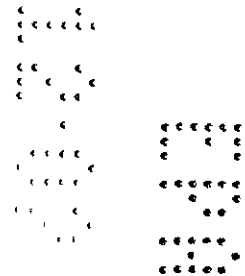
GENERAL INFORMATION

BP01 1.7 is a foliar applied biological plant regulator intended for use on cotton. BP01 1.7 must 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.



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SPRAY VOLUMES
Thorough coverage is required

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.

COMPATIBILITY

BP01 1.7 is water based, and is compatible with most insecticides, miticides 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.

RESTRICTIONS AND LIMITATIONS

- * For use on short-staple and long-staple (Pima) cotton only.
- * Do not exceed 6 applications per season.

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- * Do not exceed 48 fluid ounces of BP01 1.7 per acre per year.
 - * Follow all restrictions on label of mepiquat chloride product used in tank mix.
 - * Do not apply BP01 1.7 within 30 days of harvest.
 - * Do not graze or feed cotton forage to livestock.

CONDITIONS OF SALE AND WARRANTY

The DIRECTIONS FOR USE of this product 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 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. 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. MICRO FLO and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.

