

PM-25

7969-52

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BASF**PiX[®]****ACCEPTED**

SEP 1 0 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7969-52

plant regulator

Active Ingredient*

Mepiquat-chloride: N, N-dimethylpiperidinium chloride 4.2%

Inert Ingredients 95.8%

*Equivalent to 0.35 pounds active ingredient per gallon

EPA Reg. No. 7969-52**KEEP OUT OF REACH OF CHILDREN.****CAUTION**Avoid contact with eyes. In case of contact immediately flush
eyes or skin with plenty of water. Get medical attention if
irritation persists.Keep out of lakes, ponds or streams. Do not contaminate water
by cleaning of equipment or disposal of wastes.**Net Contents 1 Gallon**BASF Corporation
Parsippany, New Jersey 07054**Specimen Label**

Directions for use — cotton

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

General Information

Pix is a foliar applied plant regulator which modifies the cotton plant by regulating its growth pattern and behavior. Pix may produce one or more of the following effects in cotton: darker leaf color, reduction of internodal length, more open canopy, better boll retention, earlier maturity. Some of these effects may favorably influence the yield potential of the cotton plant.

Spray volume

Water as diluent: Ground and aerial application

When applying Pix with ground equipment, use a minimum of 20 gallons of water per acre. For aerial application, use a minimum of 5 gallons of water per acre. Regardless of method of application, thorough coverage of the cotton foliage is required.

Oil as diluent: Ultra low volume (ULV) aerial application. Only permitted in the following states:

AL, AR, FL, GA, LA, MO, MS, NC, OK, SC, TN and TX.

The minimum volume of oil required is 2 pints per acre. Once-or-more-refined, non-volatile vegetable oils, such as cotton seed oil or soybean oil, or a non-phytotoxic oil concentrate should be used. The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria: 1) be nonphytotoxic, 2) contain only EPA exempt ingredients, and 3) be successful in local experience. Under constant agitation, pour approximately one-half of the required volume of oil (total final oil volume at least 2 pints/A) into the spray tank, and then simultaneously pour in the Pix and the remainder of the oil. Constant agitation is required during and after mixing and during application.

Compatibility

Pix has an aqueous base, and as such is compatible with most insecticides and miticides. If in doubt, test compatibility by adding a teaspoon of the insecticide or miticide product to a pint of ready-to-use spray solution of Pix.

Restrictions and limitations

Insect or mite damage before, at or after application of Pix can lead to yield decreases or other undesirable effects.

Do not apply Pix to cotton that is drought stressed, i.e. stressed due to lack of soil moisture. If the cotton is stressed due to lack of soil moisture at time of application or if severe drought conditions occur after application of Pix, results can be unsatisfactory.

Do not use Pix on the short-staple variety Delta & Pineland 70.

Do not apply more than 1½ pints of Pix per acre per season.

Do not apply Pix within 30 days of harvest.

Do not graze or feed cotton forage to livestock within 30 days of application, or after applying Pix in oil as a ULV application by air.

Do not apply Pix if rainfall is expected within 8 hours of application, as effectiveness of Pix may be reduced.

The pink color of Pix may disappear instantly in spray tanks if chlorinated water is used; however, effectiveness is not related to color of spray solution.

Do not tank mix with any products other than insecticides or miticides unless recommended on this label.

Environmental hazards

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

Storage and disposal

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

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.

In case of emergency

In case of large scale spillage regarding this product, call:

CHEMTREC 800-424-9300
BASF Corporation 201-263-3400

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment
2. Your local poison control center (hospital)
3. BASF Corporation 201-263-3400

Time and rate of application — Short-staple cotton

The times and rates of application have been carefully researched and the Directions for use should be observed as specified below.

Geo-graphic Area	Time of Application	Rate Per Acre
AZ, CA, NM	First application: Apply when cotton is actively growing and is between 20" and 30" tall, provided cotton is not more than 7 days beyond early bloom stage (5-6 white blooms per 25 row feet). If cotton is 24" tall and has no blooms, apply Pix. See Restrictions and limitations .	1 pint
	Second application for control of excessive vegetative growth: If cotton field has a history of excessive growth, and/or conditions after the first application of Pix favor excessive growth, apply a second application 3 to 4 weeks after the first application. This may help to suppress any further excessive growth.	½ pint
NC, SC, VA	First application: Optimum results will be achieved when plants are in early bloom stage (5-6 white blooms per 25 row feet) and an average of 24" tall. Treatments can also be made when cotton height averages a minimum of 20" and a maximum of 28" provided cotton is not more than 7 days beyond early bloom as defined above. See Restrictions and limitations .	1 pint
	Second application for control of excessive vegetative growth: If cotton field has a history of excessive growth, and/or conditions after the first application of Pix favor excessive growth, apply a second application 3 to 4 weeks after the first application.	½ pint

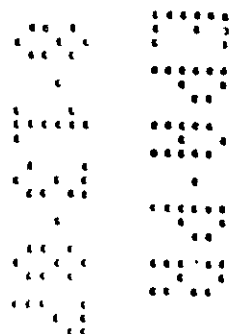
**Time and rate of application — Short-staple cotton
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Geo-graphic Area	Time of Application	Rate Per Acre
OK, TX (except Rio Grande Valley)	Areas where excessive vegetative growth is not a problem:	
	First application: Apply when cotton squares are between pinhead size and 1/2 inch wide, and plants are actively growing. See Restrictions and Limitations.	1/2 pint
	Second application: If conditions after the first application of Pix favor excessive growth, apply a second application 3 to 5 weeks after the first application	1/2 pint
	Areas where excessive vegetative growth is a problem: First application: Optimum results will be achieved when plants are in early bloom stage (5-6 white blooms per 25 row feet) and an average of 24" tall. Treatments can also be made when cotton height averages a minimum of 20" and a maximum of 28" provided cotton is not more than 7 days beyond early bloom as defined above. See Restrictions and limitations.	1 pint
	Second application for control of excessive vegetative growth: If cotton field has a history of excessive growth, and/or conditions after the first application of Pix favor excessive growth, apply a second application 3 to 4 weeks after the first application.	1/2 pint
TX (Rio Grande Valley)	First application: Areas where excessive vegetative growth is a problem: Optimum results will be achieved when plants are in early bloom stage (5-6 white blooms per 25 row feet) and an average of 24" tall. Treatments can also be made when cotton height averages a minimum of 20" and a maximum of 28" provided cotton is not more than 7 days beyond early bloom as defined above. See Restrictions and limitations.	1 pint
	Areas where excessive vegetative growth is not a problem: Apply when cotton is in early bloom stage (5-6 white blooms per 25 row feet) and actively growing. If no blooms are present and the cotton is 24" tall and actively growing, apply Pix. See Restrictions and limitations.	
	Second application for control of excessive vegetative growth: If cotton field has a history of excessive growth, and/or conditions after the first application of Pix favor excessive growth, apply a second application 3 to 4 weeks after the first application.	1/2 pint
AL, AR, GA, LA, MO, MS, TN	First application: Optimum results will be achieved when plants are in early bloom stage (5-6 white blooms per 25 row feet) and an average of 24" tall. Treatments can also be made when cotton height averages a minimum of 20" and a maximum of 28" provided cotton is not more than 7 days beyond early bloom as defined above. Use 1 pint per acre on irrigated cotton or if there is excess soil moisture at the time of application. See Restrictions and limitations.	1/2 to 1 pint
	Additional applications: If field moisture conditions are adequate 2 to 4 weeks after the previous application or if cotton field has a history of excessive growth, and/or conditions after previous application of Pix favor excessive growth, apply an additional application 2 to 4 weeks after the previous application. Under good soil moisture conditions, a total of at least 1 pint of Pix per acre must be used to get maximum performance.	1/2 pint

[Replacement]

First Application: Apply when cotton is in early bloom stage (5-6 blooms per 25 row feet) and actively growing. If no blooms are present and the cotton is 24" tall and actively growing, apply Pix. See Restrictions and Limitations.



Time and rate of application — Long-staple (Pima) cotton

The times and rates of application have been carefully researched and **Directions for use** should be observed as specified below.

Geo-graphic Area	Time of Application	Rate Per Acre
AZ, NM, TX	First application: Apply when cotton is actively growing and is between 20" and 30" tall, provided cotton is not more than 7 days beyond early bloom stage (5-10 yellow blooms per 25 row feet). Soil moisture levels must be at field capacity at time of application; therefore do not use on Pima cotton which is under moisture stress or where moisture stress is used to induce flower initiation.	1 pint
	Second application for control of excessive vegetative growth: If cotton field has a history of excessive growth, and/or conditions after the first application of Pix favor excessive growth, apply a second application 3 to 4 weeks after the first application. This may help to suppress any further excessive growth.	½ pint

Conditions of sale and warranty

The Directions for use of this product reflect 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 BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF 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. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF 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 BASF.

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BASF Corporation
Chemicals Division
100 Cherry Hill Road
Parsippany, New Jersey 07054

BASF