7969-149 11/21/2000 1/9

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [ ] Amendment
- [x] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
7969-149	Dan Kenny	[x] None [ ] Restricted
4. Company/Product (Name)	PM#	
Pix Ultra Plant Regulator	22	

5. Name and Address of Applicant *(Include ZIP Code)*
BASF Corporation, Agricultural Products
P.O. Box 13528
Researh Triangle Park, NC 27709

[ ] *Check if this is a new address*

6. **Expedited Reveiw.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

- [ ] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [x] Notification - Explain below.
- [ ] Final printed labels in repsonse to Agency letter dated
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

NOTIFICATION
NOV 21 2000

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revision of labeling on page 6, under IV Mixing Order, to insert the missing step #6, "water-soluble additivies."

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container		[ ]

6. Manner in Which Label is Affixed to Product [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Charlotte A. Sanson	Registration Scientist	(919) 547-2983

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title	
Charlotte A Sanson	Registration Scientist	
4. Typed Name	5. Date	
Charlotte A. Sanson	October 31, 2000	

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BASF

NOTIFICATION

NOV 2 1 2000

Pix® Ultra

plant regulator

For use on cotton

Active Ingredients:	
Mepiquat Chloride*: N, N-dimethylpiperidinium chloride	3.9%
Other Ingredients:	96.1%
Total	100.0%

*Equivalent to 0.35 pounds of active ingredient per gallon.

EPA Registration Number 7969-149 EPA Establishment Number 51036-GA-01

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See inside booklet for complete **Precautionary Statements, Statement of Practical Treatment, Directions For Use,** and **Conditions of Sale and Warranty.**

Net contents: 1 gallon (3.79 liters)

Product of U. S. A.

BASF Corporation
P.O. Box 13528, Research Triangle Park, NC 27709

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FIRST AID	
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.
If inhaled	•Move person to fresh air. •If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. •Call a poison control center or doctor for further treatment advice.
If in eyes	•Hold eye open and rinse slowly and gently with water for 15-20 minutes. •Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. •Call a poison control center or doctor for treatment advice.
If swallowed	•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 a poison control center or doctor. •Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357)	

Precautionary Statements

Hazards to Humans and Domestic Animals

Caution. Avoid contact with eyes, skin, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves
- Shoes plus socks

Follow the 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.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE 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 when disposing of equipment washwaters.

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 (PPE), and restricted-entry interval. 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:

- Coveralls
- Chemical resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate).
- Shoes plus socks

Storage and Disposal

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

Storage: Do not store below 32° F or above 100° F. Store in a dry place away from heat or open flame.

Pesticide Disposal: Pesticide wastes are toxic. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Plastic Containers: Triple rinse (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 a Spill

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

CHEMTREC	800-424-9300
BASF Corporation	800-832-HELP

Steps to be taken in case material is released or spilled:

Wear the personal protective equipment specified on the label or the Material Safety Data Sheet. Recover the material for re-use according to label whenever possible. Cover the liquid with an absorbent material (such as pet litter). Sweep up and place in an appropriate container for disposal. Remove and wash clothing and personal protective equipment prior to re-use. Keep the spill out of all sewers and open bodies of water.

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.

All applicable directions, restrictions, precautions, and **Conditions of Sale and Warranty** are to be followed. This labeling must be in the user's possession during application.

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I. General Information

Pix® Ultra plant regulator is a foliar-applied plant regulator that contains a borate additive which can improve early boll retention. **Pix Ultra** allows the grower to manage the cotton plant for **short-season production**, reducing the risk of a prolonged harvest. Delayed harvest may lead to yield loss and fiber quality reduction. The use of **Pix Ultra** will result in several or all of the following:

- height reduction and more open canopy
- better early boll retention and/or larger bolls
- less boll rot
- improved defoliation
- reduced trash and lower ginning costs
- better harvest efficiency
- darker green leaf color.

Most of these effects often favorably influence the yield potential of the cotton plant.

Spray Coverage

Under most circumstances, water is the recommended diluent, however oil is permitted in the following states for ultra low volume (ULV) aerial applications: Alabama, Arkansas, Florida, Georgia, Louisiana, Missouri, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas. Refer to **Air** and **Ground Application** sections for spray volumes.

Regardless of method or gallonage of application, thorough coverage of the cotton foliage is required.

Cleaning Application Equipment

Clean application equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product, particularly if a product with the potential to injure crops was used.

II. Application Instructions

Early Application

The grower has the option of low-rate multiple applications (see **Table 1**) or higher, less frequent dosages (see **Table 2**) which greatly facilitates the grower's management flexibility. The multiple application option gives the producer the ability to discontinue usage of **Pix Ultra** if any significant stresses occur after an earlier application. In such a case, the total quantity of **Pix Ultra** used over a season may be reduced. If stress is relieved, the grower has the option of continuing treatments with **Pix Ultra**. In addition, the rate and timing ranges indicated in the **Application Rates and Timings Tables** allow the grower to tailor his usage of **Pix Ultra** to the degree of vegetative vigor in a given field. In areas where insecticides, miticides or foliar fertilizers are frequently applied, the timings are such that tank mixing is often possible. (See section **VI. General Restrictions and Limitations**)

Fields should be carefully scouted and **Pix Ultra** should not be applied if plants are under severe stress from weather factors, mite, insect or nematode damage, disease stress, herbicide injury, or fertility stress.

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Table 1. Application Rates and Timing: Low Rate Multiple Applications
The times and rates of application have been carefully researched and the **Directions For Use** should be observed as specified below. See section **VI. General Restrictions and Limitations**.

Geographic Area	Time of Application	Fields with Moderate Vegetative Vigor: Rate Per Acre	Fields with High Vegetative Vigor: Rate Per Acre
AL, AR, AZ, CA, FL, GA, LA, MO, MS, NC, NM, OK, SC, TN, TX, VA	**First application:** Optimal results will be achieved when plants are in the matchhead square[1] stage of growth.	2 fluid ounces	4 fluid ounces
	Second application: 7-14 days later, or when regrowth occurs.	2 fluid ounces	4 fluid ounces
	Third application: 7-14 days later, or when regrowth occurs.	2-4 fluid ounces[2]	4-8 fluid ounces[2]
	Fourth application: 7-14 days later, or when regrowth occurs.	2-8 fluid ounces[2]	4-12 fluid ounces[2]
	Fifth application (if needed): 7-14 days later, or when regrowth occurs.	4-8 fluid ounces[2]	4-12 fluid ounces[2]
	Late season: Refer to **Late Season Application** of **Pix® Ultra plant regulator**	8-16 fluid ounces[2]	12-24 fluid ounces[2]

[1] Matchhead square is when the first square of a typical cotton plant is 1/8-1/4 inches in diameter. The first application should be applied when 50% of the plants have one or more matchhead squares.
[2] Use higher rates if previous application was not made or if growing conditions are conducive to vigorous growth.

Table 2. Application Rates and Timing
The times and rates of application have been carefully researched and section **II. Application Instruction** should be observed as specified below. See section **VI. General Restrictions and Limitations**.

Geographic Area	Time of Application	Rate Per Acre
AL, AR, AZ, CA, FL, GA, LA, MO, MS, NM, NC, OK, SC, TN, TX (including Rio Grande Valley), VA	**First application:** Apply **Pix Ultra** to actively growing cotton that is 20-30" tall, provided cotton is not more than 7 days beyond early bloom stage (5-6 blooms per 25 row feet). If cotton is 24" tall and has no blooms, apply **Pix Ultra**. Use 8-16 fluid ounces per acre on cotton where excessive vegetative growth is not likely to be a problem, and 16 fluid ounces per acre in areas tending to have excessive vegetative growth.	8-16 fluid ounces
	Second application for control of excessive vegetative growth: If the cotton field has a history of vigorous growth or if conditions after the first application of **Pix Ultra** favor vigorous growth, make a second application 2-3 weeks after the first application.	8-16 fluid ounces
	Third application for control of excessive vegetative growth: If the cotton field has a history of vigorous growth or if conditions continue to favor vigorous growth, make a third application 1-2 weeks after the second application.	8-16 fluid ounces
	Late season application: Refer to **Late Season Application** in section **II. Application Instructions.**	8-24 fluid ounces
OK, TX (except Rio Grande Valley)	**Areas where excessive vegetative growth is not a problem** **First application:** Apply **Pix Ultra** to actively growing cotton in the early bloom stage (5-6 blooms per 25 row feet). If no blooms are present and the cotton is 20" tall and actively growing, apply **Pix Ultra**.	8 fluid ounces
	Second application: If conditions after the first application of **Pix Ultra** favor vigorous growth, make a second application 2-3 weeks after the first application.	8 fluid ounces
	Third application: If conditions after the second application of **Pix Ultra** continue to favor vigorous growth, make a third application 1-2 weeks after the second application.	8 fluid ounces
	Late season application: Refer to **Late Season Application** in section **II. Application Instructions.**	8-24 fluid ounces

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In the absence of these stresses, up to 5 low-rate multiple applications can be made each season. After the first application (at matchhead square in the absence of stress), the rate and timing of subsequent applications will depend on vegetative vigor. Under good growing conditions, additional treatments should be made at 7-14 day intervals. However, if new growth at any time is excessive, higher rates of **Pix® Ultra** can be used.

If significant loss of squares or young bolls has occurred earlier due to insect pressure or other stresses, but now these stresses have been alleviated, the need for **Pix Ultra** is increased — excess vegetative growth is likely because of poor fruit load.

Late Season Application

Late application of **Pix Ultra** (approximately during the fourth to sixth week of blooming) can provide certain benefits to cotton. However, it should not and does not substitute for early season use — the time of the greatest benefit from the use of **Pix Ultra**. Late season application can lead to one or more of the following:

- reduction in late season vegetative growth or regrowth after cutout or defoliation
- more complete and manageable cutout
- better defoliation
- earlier maturity
- reduction in trash
- lower ginning costs.

Some of these effects may favorably influence the yield potential and fiber quality. A late season application of **Pix Ultra** should be applied only if fields are not drought or nutrient stressed; that is, those fields likely to experience additional vegetative growth or regrowth. However, fields that are very rank and extremely vigorous due to a combination of poor boll load and excellent growing conditions may not respond as much as desired to late season applications at the suggested rates.

Timing for Late Season Applications

- **On fields where cotton cuts out and then starts regrowth:** Apply when regrowth begins, as evidenced by new leaves in the terminal and stem elongation. This application time is often, but not always, 5-6 weeks after the first bloom.
- **On fields where cotton never completely cuts out:** Apply **Pix Ultra** when there are 4-6 nodes above the white flower (NAWF). Measure NAWF by counting the number of mainstem nodes from the first position white bloom (the one closest to the mainstem) to the terminal. Count the node with the first position white bloom as zero and the last node in the terminal, which is counted, should have a leaf at least the size of a quarter. Generally, the NAWF first reaches 4-6 nodes during the fourth to sixth week of bloom. During this time, the NAWF should be decreasing about one node every 5-6 days — if its rate of decrease is less, the plant is not cutting out soon enough (the crop is too vigorous). If the fifth week of bloom arrives and NAWF is still above 5-6, apply **Pix Ultra**.

Use Rate for Late Season Application

Apply 8-24 fluid ounces of **Pix Ultra** per acre. Use the lower rate on cotton with only moderate additional growth potential, and the higher rate on fields likely to continue vigorous growth.

Air Application

Spray Volume

- **Water as Diluent:** Use a minimum of 2 gallons of spray solution per acre in all states except California. In California, use a minimum of 5 gallons per acre.
- **Oil as Diluent:** Use a minimum of 1 quart of oil per acre. When using oil as a diluent, the oil concentrate must contain either a petroleum or vegetable oil base and must meet all of the following criteria:
  - be nonphytotoxic
  - contain only EPA-exempt ingredients
  - provide good mixing quality in the jar test
  - be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers to provide good mixing quality. If the oil does not contain an emulsifier, one must be added during mixing at a volume equal to 3% of the final volume of the mixing tank. Do not apply **Pix® Ultra plant regulator** ULV without using emulsifiers. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. For additional information, see **Compatibility Test for Mix Components.**

Drift Management

Avoiding spray drift at the application site is the responsibility of the applicator. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

Application Height: Applications should not be made more than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest safe height reduces exposure of droplets to evaporation and wind.

Boom Length: The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor. Reducing this length may further reduce drift without reducing swath width.

Swath Adjustment: When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.)

Wind: Drift potential is lowest between wind speeds of 2-10 mph. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. Note: Local terrain can influence wind patterns. Every application should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity: When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

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Controlling Droplet Size
The most effective way to reduce drift potential is to apply large droplets. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions.
Pressure: Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
Number of Nozzles: Use the minimum number of nozzles that provide uniform coverage.
Nozzle Orientation: Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees. Where states have more stringent regulations, they should be observed.
Nozzle Type: Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Use a nozzle type that is designed for the intended application. With most nozzles, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Temperature Inversions
Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas
The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Ground Application

Spray Volume
• **Water as Diluent:** Use a minimum of 2 gallons of spray solution per acre in all states except California. In California, use a minimum of 5 gallons per acre.

III. Additives

If rain is expected within 8 hours, use a high-quality, EPA-exempt surfactant to make **Pix® Ultra plant regulator** rain-safe after 4 hours.

Compatibility Test for Mix Components
Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of recommended label rate per acre.
1) **Water:** — For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.
2) **Products in PVA bags:** — Cap the jar and invert 10 cycles.
3) **Water-dispersible products:** — (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions) Cap the jar and invert 10 cycles.
4) **Water-soluble products:** — (such as **Pix Ultra**) Cap the jar and invert 10 cycles.
5) **Emulsifiable concentrates:** — oil concentrate Cap the jar and invert 10 cycles.
6) **Water-soluble additives:** — Cap the jar and invert 10 cycles.
7) Let the solution stand for 15 minutes.
8) **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles.

IV. Mixing Order

1) **Water:** Begin by agitating a thoroughly clean sprayer tank half full of clean water.
2) **Products in PVA bags:** Rinse the tank thoroughly before adding any material in PVA bags as boron residue will prevent adequate mixing. Place the water-soluble PVA bag into the mixing tank. The water-soluble PVA bag will dissolve in water to allow the contents to disperse. Wait until all water-soluble PVA bags have fully dissolved and the plant regulator is evenly mixed in the spray tank before continuing.
   To prepare spray solution for aerial application, use a mixing tank or mixing vat first to get the product into suspension before transferring suspension to air application equipment.
3) **Water-dispersible products:** (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
4) **Water-soluble products**
5) **Emulsifiable concentrates**
6) **Water-soluble additives** ⟵
7) Remaining quantity water

Only moderate agitation should be used while mixing and transporting.

V. General Tank Mixing Information

Pix Ultra has an aqueous base, and as such, is compatible with most insecticides and miticides. You may combine **Pix Ultra** with foliar fertilizers if prior experience has shown the original liquid formulation of **Pix Ultra** to be compatible and noninjurious under your conditions. Always perform a **Compatibility Test for Mix Components** before preparing a tank mix application.
Read and follow the applicable **Restrictions and Limitations** and **Directions For Use** on all products involved in tank mixing. The most restrictive labeling applies to tank mixes.

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VI. General Restrictions and Limitations

- **Maximum seasonal use rate:** Do not apply more than a **total of 48 fluid ounces (3 pints)** of Pix® **Ultra plant regulator** (0.132 pounds a.i.) per acre, per season.
- The sum of all products and formulations containing mepiquat chloride must not exceed **0.132 pounds** of mepiquat chloride per acre per season. This maximum equals **48 fluid ounces (3 pints)** of standard **Pix** or **Pix Ultra** (0.35 pounds a.i. per gallon) or **8.4 fluid ounces** of **Pix Concentrate** (2.0 pounds a.i. per gallon) or **0.375 pound** of **Pix DF** (35% active) or 1 water-soluble packet of **Pix DF** per 0.33 acre.
- **Preharvest Interval (PHI):** Do not apply within **30 days** of harvest.
- **Restricted Entry Interval (REI): 12 hours**.
- Do not plant another crop within 75 days of last treatment.
- **Stress:** Do not apply to cotton plants under severe stress due to adverse weather condtions, mite, insect, or nematode damage, disease, herbicide injury, or fertility stress. If using the low-rate multiple option, discontinue use until the stress is alleviated. Do not apply a single application of 8-16 fluid ounces of **Pix Ultra** to cotton that is stressed due to lack of soil moisture.
- Do not graze or feed cotton forage to livestock.
- Do not apply through any type of **irrigation** equipment.

Table 3. Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)	Maximum Rate Per Acre Per Application	Maximum Rate Per Acre Per Season	Livestock Grazing or Feeding	Aircraft Application
Cotton	30 days	24 fluid ounces (1.5 pints)	48 fluid ounces (3 pints)	No	Yes

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Crops:

This product can be used on the following crops:

Cotton

Look inside for complete **Restrictions and Limitations** and **Application Instructions**.

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.

Pix is a registered trademark of BASF AG.

NVA 2000-04-004-0052

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Agricultural Products