CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
Pix®
Plant Growth Regulator

ACTIVE CONSTITUENT: 38 g/L MEPIQUAT (present as the chloride)
For the management of fruiting and vegetative growth in cotton.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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DIRECTIONS FOR USE (For Use in Qld, NSW only)

RESTRAINTS
DO NOT apply to crops that have restricted growth due to drought stress, waterlogging, nutrient deficiency, poor soil structure or any other cause as this can result in a yield decrease.
DO NOT apply if adequate insect and mite pest control and supply of water and nutrients later in the crop is in doubt, or if "stressing" is a normal management practice. If severe drought conditions occur after Pix application, Pix results can be unsatisfactory and/or yield decreases can occur.
DO NOT apply Pix if rainfall is expected within 8 hours of application as effectiveness of Pix may be reduced.
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CROP PURPOSE APPLICATION RATE CRITICAL COMMENTS

Cotton To regulate fruiting and vegetative growth Split application/multiple low rates
Apply at timings suggested below. Use crop growth measurements, such as internode length, as a guide for rate selection. Use the lower rate where internode length is shorter, or when there is a possibility of stress occurring. Check varietal responses to mepiquat chloride with seed producers. DO NOT apply more than 600mL in a single application prior to 1st flower.

250-600mL/ha

1st spray at early squaring - squares the size of matchheads. Use the lower rate unless growth is excessive according to plant measurements.

250mL-1.0L/ha

Second spray at approximately 1st flower. Use the higher rate where growth is excessive according to measurements and there is little chance of crop stress, e.g., moisture stress or waterlogging.

250mL-1.0L/ha

3rd spray at approximately 14 days (2 weeks) later. Apply only if crop growth measurements, e.g., internode length, indicate excessive growth is likely.

Control of excess growth 750mL-2.0L/ha Single application
Apply between 1st flower and cut out to slow excessive growth or induce cutout. Use the higher rate where crop growth is excessive, according to plant growth measurements such as internode length, or when cutout is the aim of the application. Use the lower rate to limit vegetative growth only. DO NOT apply to plants less than 50 cm high.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:
DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
DO NOT GRAZE OR CUT FOR STOCKFOOD ANY TREATED VEGETATION.
GENERAL INSTRUCTIONS

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

EXPORT OF TREATED PRODUCE
Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with Pix Plant Growth Regulator. If you are growing produce for export, please check with Nufarm Australia Ltd for the latest information on MRLs and import tolerances BEFORE using Pix.

APPLICATION
Pix as a crop management tool is best applied as split-application “Multiple Low Rates” rather than a single application. First spray should be applied early (early squaring) and repeated as suggested in the DIRECTIONS FOR USE table.

APPLICATION METHOD
Pix may be applied by air or ground. Best results can be obtained with total spray volumes of at least 20-30L/ha for aerial application and 80-100L/ha for application by ground rig.

MIXING
Pix has an aqueous base and mixes readily with water. Add the required amount of Pix to the partly filled spray tank and agitate to give even mixing.

COMPATIBILITY
Pix has been found to be compatible with emulsifiable concentrate (EC) formulations of the following insecticides: endosulfan, permethrin, deltamethrin, fenvalerate, methomyl. Care should be taken that there is no conflict in application techniques between Pix and the insecticide when applying products together. DO NOT tank-mix with foliar fertilisers as the benefits from such mixes have not been established.

LODGING
Under strong winds, Pix-treated cotton that has set bolls packed tightly together against the stem may be more susceptible to lodging.

RE-ENTRY PERIOD
DO NOT allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day’s use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS
DO NOT apply under weather conditions or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands, pastures or livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways with the chemical or the used containers.

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

SAFETY DIRECTIONS
Avoid contact with eyes and skin. Wash hands after use.

FIRST AID
If poisoning occurs, contact a doctor or the Poisons Information Centre. Phone Australia 13 11 26

MATERIAL SAFETY DATA SHEET
For further information refer to the Material Safety Data Sheet (MSDS)

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE
“Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates (“Nufarm”) shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute.”

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