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

Cheminova

Mepiquat

Plant Growth Regulator
ACTIVE CONSTITUENT: 38 g/L MEPIQUAT (present as the chloride)

For the management of fruiting and vegetative growth in cotton as specified in the Directions for Use Table.
DIRECTIONS FOR USE
(For use in QLD, NSW Only)

RESTRAINTS
DO NOT apply to crops that have restricted growth from stress (drought, water logging, 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 are in doubt, or if ‘stressing’ is a normal management practice. If severe drought conditions occur after application, the results can be unsatisfactory and/or yield decreases can occur.
DO NOT apply the product if rainfall is expected within 8 hours as the effectiveness may be reduced.
DO NOT apply to new commercial varieties of cotton before checking with the manufacturer.
DO NOT use this product to promote growth of plants.

CROP | PURPOSE | RATE / ha | CRITICAL COMMENTS
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Cotton | To regulate fruiting and vegetative growth | Split Application rate | 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 where there is a possibility of stress occurring. Check varietal responses to mepiquat chloride with seed producers. Do not apply more than 600 mL per ha in a single application prior to 1st flower.

250-600 mL | Apply the 1st spray at early squaring (squares the size of match heads). Use the lower rate unless growth is excessive according to plant measurements.

250 mL-1 L | Apply the 2nd spray at approx 1st flower. Use the higher rate where growth is excessive according to measurements and there is little chance of crop stress (moisture stress or water logging).

250 mL-1 L | Apply the 3rd spray at approx 14 days later than the 1st flower. Apply only if crop growth measurements (internodal length indicates excessive growth is likely)

Control of excess growth | 750 mL-2 L | Single application. Apply between 1st flower and cutout to slow excessive growth or induce cutout. Use the higher rate where crop growth is excessive according to plant growth measurements such as internodal 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 ANY TREATED VEGETATION FOR STOCK FOOD.

GENERAL INSTRUCTIONS
Cheminova Mepiquat is a foliar applied plant growth regulator, which alters the cotton plants growth pattern and behaviour. One or more of the following effects may be produced in cotton: darker leaf colour, reduction of internodal length, more open canopy, better boll retention, earlier maturity. Some of these effects 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 Mepiquat. If you are growing produce for export, please check with Cheminova Australia Pty Ltd for the latest information on MRL’s and import tolerances BEFORE using this product.

APPLICATION
Cheminova Mepiquat may be applied using a split application technique (3 separate low rate sprays applied at strategic times during the growing period). It can also be applied as a single application at the 1st flower stage. Information on rates and timing is given in the “Directions For Use Table”. Use a total spray volume to ensure adequate cover of foliage. Add an agricultural wetting agent to improve foliar coverage.
APPLICATION METHOD
Cheminova Mepiquat may be applied by air or ground equipment. Best results can be obtained with total spray volumes of at least 20 - 30 L/ha for aerial applications and 80 -100 L/ha for application by ground rigs.

MIXING
Cheminova Mepiquat mixes readily with water. Add the required amount of product to the partly filled spray tank, agitate and fill to the desired level. Keep the spray mix agitated during spraying.

COMPATIBILITY
DO NOT tank mix with foliar fertilisers. DO NOT mix this product with phosphonic acid derivatives or 2-penten-ol. DO NOT mix with foliar fertilizers, as the benefits from such mixes have not been established. This product is compatible with insecticides normally applied to cotton, always check compatibility is a small container prior to use.

LODGING
Cotton treated with this product that has set bolls packed tightly together against the stem may be susceptible to lodging should adverse conditions occur.

PRECAUTIONS
RE-ENTRY PERIOD
Do not allow entry onto treated areas until the spray droplets 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 days 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 or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT.
Do not contaminate dams, rivers, drains or streams with this product or 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 the containers before disposal. Add rinsings to spray tank. DO NOT dispose of unwanted chemicals on-site. If recycling, replace cap and return the clean containers to the recycler or designated collection point. If not recycling, break, crush, or puncture and bury the 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 setup for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt. For refillable containers: Empty the contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

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. Telephone Australia 131126

SAFETY DATA SHEET
Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au

WARNING
This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material ("Directions"). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

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Drummuster logo (relevant pack sizes)