

Mepidef

COTTON GROWTH REGULANT

DIRECTIONS FOR USE: (For use in Qld and 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 FARMALINX Mepidef Cotton Growth Regulant application, FARMALINX Mepidef Cotton Growth Regulant results can be unsatisfactory and/or yield decreases can occur.

DO NOT apply FARMALINX Mepidef Cotton Growth Regulant if rainfall is expected within 8 hours of application as effectiveness of FARMALINX Mepidef Cotton Growth Regulant may be reduced.

DO NOT apply to new commercial varieties of cotton before checking with the manufacturer.

CROP	PURPOSE	APPLICATION RATE	CRITICAL COMMENTS
Cotton	To regulate fruiting and vegetative growth	250 to 600 mL/ha	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 600 mL in a single application prior to 1st flower.
		250 mL to 1.0 L/ha	1st spray at early squaring - squares the size of matchheads. Use the lower rate unless growth is excessive according to plant measurements.
		250 mL to 1.0 L/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.
	Control of excess growth	750 mL to 2.0 L/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. 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

FARMALINX Mepidef Cotton Growth Regulant is a foliar applied plant regulator which modifies the cotton plant by regulating its growth pattern and behaviour. FARMALINX Mepidef Cotton Growth Regulant 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 FARMALINX Mepidef Cotton Growth Regulant. If you are growing produce for export, please check with FARMALINX Pty Ltd for the latest information on MRLs and import tolerances BEFORE using FARMALINX Mepidef Cotton Growth Regulant.

APPLICATION

FARMALINX Mepidef Cotton Growth Regulant 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

FARMALINX Mepidef Cotton Growth Regulant may be applied by air or ground. Best results can be obtained with total spray volumes of at least 20 to 30 L/ha for aerial application and 80 to 100 L/ha for application by ground rig.

MIXING

FARMALINX Mepidef Cotton Growth Regulant has an aqueous base and mixes readily with water. Add the required amount of FARMALINX Mepidef Cotton Growth Regulant to the partly filled spray tank and agitate to give even mixing.

COMPATIBILITY

FARMALINX Mepidef Cotton Growth Regulant 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 FARMALINX Mepidef Cotton Growth Regulant 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, FARMALINX Mepidef Cotton Growth Regulant-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 which could be expected to cause spray to drift onto adjacent crops, crop 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 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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulation. DO NOT burn empty containers or product.

Refillable Containers: Empty container by pumping through dry-break connection system. DO NOT attempt to breach the valve system or the filling point, or contaminate with water or other products. When empty, or contents no longer required, return the container to the point of purchase. This drum remains the responsibility and property of FARMALINX Pty Ltd.

SAFETY DIRECTIONS

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

FIRST AID

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

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for FARMALINX Mepidef Cotton Growth Regulant is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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APVMA Approval No.: 64282/51449

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

FARMALINX

Mepidef

COTTON GROWTH REGULANT

ACTIVE CONSTITUENT: 38 g/L MEPIQUAT
(present as the CHLORIDE)

For the management of fruiting and vegetative growth in cotton.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT

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