

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



**Mepiquat 38SL®**

Cotton Growth Regulator

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

**For the management of fruiting and excessive vegetative growth in cotton, as specified in the Directions for Use table.**

**IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING THIS PRODUCT**

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Leaflet\_1017

APVMA Approval No: 69249/60338

**DIRECTIONS FOR USE**

**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 yield decreases.

DO NOT apply if adequate insect/mite control and supply of water/nutrients later in the crop is in doubt.

DO NOT apply Sabakem Mepiquat 38SL® Cotton Growth Regulator if rainfall is expected within 8 hours of application as effectiveness may be reduced.

DO NOT use on new varieties not available commercially in Australia without first checking with the manufacturer.

CROP	PURPOSE	STATE	RATE per ha	CRITICAL COMMENTS
Cotton	To regulate fruiting and vegetative growth	QLD, NSW only	Split Application Rate:	<b>SPLIT APPLICATIONS/ MULTIPLE LOW RATES:</b> 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 eg. moisture stress or water logging.
			250 mL – 1 L	Apply the 3rd spray at approx 14 days later than 1st flower. Apply only if crop growth measurements, eg. internode length indicates excessive growth is likely.
	Control of excessive growth		750 mL – 2 L	<b>SINGLE APPLICATION:</b> Apply between 1st flower and cut out to slow excessive growth induce cutout. Use the higher rate where crop growth is excessive according to plant growth measurements such as internode length, or when cut out 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 STOCKFEED ANY TREATED VEGETATION.**

**GENERAL INSTRUCTIONS**

Sabakem Mepiquat 38SL® Cotton Growth Regulator is a foliar applied plant growth regulator, which alters the cotton plant growth pattern and behaviour. One or more of the following effects may be produced in cotton: darker leaf colour, reduction of internode 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 MRL's or import tolerances may not be established in all markets from produce treated with Sabakem Mepiquat 38SL® Cotton Growth Regulator. If growing cotton for export, please check with Sabakem Pty Ltd for the latest information on MRL's and import tolerances BEFORE using this product.

**APPLICATION**

Sabakem Mepiquat 38SL® Cotton Growth Regulator may be applied using a split application technique, ie. 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 Wetter 1000 to improve foliar coverage.

If Sabakem Mepiquat 38SL® Cotton Growth Regulator is mixed with another product, the addition may not be necessary as one may be present.

**APPLICATION METHOD**

Sabakem Mepiquat 38SL® Cotton Growth Regulator may be applied by air or ground equipment. 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 by ground rig.

**MIXING**

Sabakem Mepiquat 38SL® Cotton Growth Regulator mixes readily with water. Add the required amount to the partly full tank, agitate and fill to the desired level.

**LODGING**

Cotton treated with Sabakem Mepiquat 38SL® Cotton Growth Regulator that has set bolls packed tightly together against the stem may be more susceptible to lodging should adverse conditions occur.

**PRECAUTION**

**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 day's use.

**COMPATIBILITY**

DO NOT mix with foliar fertilisers. Although Sabakem Mepiquat 38SL® Cotton Growth Regulator is compatible with insecticides normally applied to cotton, always check compatibility in a small container prior to use.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate dams, rivers, drains or streams with the chemical 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 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 500mm 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.

**For refillable containers:** Empty 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 Poisons Information Centre. Phone Australia 131126.

**SAFETY DATA SHEET**

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier.

**CONDITIONS OF SALE:** The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: None.

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