

CAUTION

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

KENSO AGCARE

MEPIQUAT XTRA 250

PLANT GROWTH REGULATOR

**ACTIVE CONSTITUENT: 250 g/L MEPIQUAT
present as the chloride salt**

For the management of fruiting and vegetative growth in cotton

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CONTENTS: 20 Litres APVMA Approval No.: 87662/ 118900

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 Kenso Agcare Mepiquat Xtra 250 application, Kenso Agcare Mepiquat Xtra 250 results can be unsatisfactory and/or yield decreases can occur. Do NOT apply Kenso Agcare Mepiquat Xtra 250 if rainfall is expected within 8 hours of application as effectiveness of Kenso Agcare Mepiquat Xtra 250 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	38 to 91.2 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 1 st flower.
		38 to 152 mL/ha	1 st spray at early squaring - squares the size of matchheads. Use the lower rate unless growth is excessive according to plant measurements.
		38 mL to 152 mL/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	114 to 304 mL/ha	3 rd 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**

Kenso Agcare Mepiquat Xtra 250 is a foliar applied plant regulator which modifies the cotton plant by regulating its growth pattern and behaviour. Kenso Agcare Mepiquat Xtra 250 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 Kenso Agcare Mepiquat Xtra 250 Plant Growth Regulator. If you are growing produce for export, please check with Kenso Agcare for the latest information on MRLs and import tolerances BEFORE using Kenso Agcare Mepiquat Xtra 250.

APPLICATION

Kenso Agcare Mepiquat Xtra 250 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

Kenso Agcare Mepiquat Xtra 250 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

Kenso Agcare Mepiquat Xtra 250 has an aqueous base and mixes readily with water. Add the required amount of Kenso Agcare Mepiquat Xtra 250 to the partly filled spray tank and agitate to give even mixing.

COMPATIBILITY

Kenso Agcare Mepiquat Xtra 250 has been found to be compatible with emulsifiable concentrate (EC) formulations of the following insecticides: permethrin, deltamethrin, fenvalerate, Kenso Agcare Methomyl 225. Care should be taken that there is no conflict in application techniques between Kenso Agcare Mepiquat Xtra 250 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, Kenso Agcare Mepiquat Xtra 250-treated cotton that has set bolls packed tightly together against the stem may be more susceptible to lodging.

RE-ENTRY PERIOD

DO NOT enter treated areas until spray has dried. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant 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 or pastures.

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 dry, 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 regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from www.kenso.com.au.

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000** Police or Fire Brigade



Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **HARMFUL IF SWALLOWED.**
Precautionary: Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Batch No.:

Date of Manufacture: