

L1097778 ZAMB/11A PPE 4173471

Moddus[®] 250ME

syngenta.

KEEP LOCKED UP OUT OF REACH OF CHILDREN

Before opening the container, read the safety advice.

Shelf-Life:

At least 2 years from date of manufacturing, in original unopened containers stored in a cool dry well ventilated place.

Batch No. / Date of manufacture:

Please refer to Inkjet print

Emergency Call Number:

Swiss Toxicological Information Centre
(24 h) +41 44 251 51 51



5 Litres

Product names marked ® or TM, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



WARNING



First Aid / Antidote

If any indisposition occurs, call a physician and apply First Aid measures as described on page 4. No specific antidote is known.

Apply symptomatic therapy.

Hazard Classification

KEEP LOCKED UP OUT OF REACH OF CHILDREN.

KEEP AWAY from food, drink and animal feeding stuffs.

WEAR suitable protective clothing and gloves.

PRODUCT INFORMATION

Mode of Action

Moddus® 250 ME is absorbed predominantly by leaves and shoots and translocated to areas of meristematic activity where the elongation of stem internodes is inhibited.

Spectrum of Activity

Moddus® 250 ME has shown plant growth regulating activity in cereals and sugarcane if applicable. Other crops are still being investigated.

Growth regulating effects

Moddus® 250 ME applied between beginning and end of stem elongation consistently inhibits plant growth, thus reducing crop height.

Consequently, in cereals and oilseed rape, it provides significant reduction of lodging.

Crop tolerance

Moddus® 250 ME is well tolerated by cereals and sugarcane when used according to the label instructions.

LIMITATIONS

Restrictions of use

DO NOT apply Moddus® 250 ME to crops that are stressed by severe weather conditions, drought, frost, disease or insect damage, etc.

DIRECTIONS FOR USE

Application Information

Crop	Timing	Rate per Ha
Wheat	From the leaf sheath erect stage (GS30) but before the flag leaf fully extending stage (GS41).	400 ml
REMARKS 1. Repeat application after 10 days if needed 2. Can be tank mixed with Cyclocell		
Barley	From the leaf sheath erect stage (GS30) but before the third node detectable stage (GS33).	400 ml
Sugarcane	Apply Moddus ® at 49-70 days before harvest.	Single application (aerial application): 1,000 ml/ha
	Apply Moddus ® at 70 ± 2 days before harvest. Apply a follow up application of Fusilade Forte at 225 ml/ha 28 ± 2 days later, but at 42 days (6 weeks) before harvest.	Sequential application (aerial application): 800 ml/ha

(Growth stages according to BBCH)

Crop failure

In the event of crop failure for any reason, cereals can be planted in soil treated with Moddus® 250 ME. Due to the reduced activity via the root system and to its rapid degradation in soil, no problems with following crops are foreseen for this product.

APPLICATION INFORMATION

Application technique / parameters

Spray equipment

Moddus® 250 ME is best applied with tractor boom sprayers at volume rates of 200-400 l/ha. Use 110° flat fan low drift nozzle types at 1.5-3 bar pressure and 40-50 cm boom height. Stop spraying in winds higher than 5 m/s.

Calibrate the tractor boom sprayer before the treatments, with regard to forward speed, flow rate and evenness of distribution.

Mixing

Make certain the sprayer is clean and not contaminated. Calculate carefully the required amount of spray mixture in order to prevent any left over in the spray tank after treatments.

Fill 1/4-1/2 of the spray tank with clean water, start agitation, add the calculated and measured quantity of product and continue to refill the spray tank with agitation.

Continue agitation during mixing and application to maintain an uniform spray mixture. When filling the spray tank the filling hose should always be above water level in order to prevent suckback.

Rinse empty containers 3 times and add the rinsing to the spray mixture.

Flush the sprayer with clean water after application or at the end of the day by spraying the rinsing at a dilution rate of at least 1:10 (spray mixture:rinsing) on the crop. Clean also the filters.

It is important to use clean water.

Compatibility

Mixtures with other chemicals are under investigation in several countries.

Moddus® 250 ME can be mixed with other PGR's, fungicides, etc. only when approved on the local label.

SAFETY ASPECTS

Precautionary measures

KEEP LOCKED UP OUT OF REACH OF CHILDREN and other unauthorised persons, and animals.

Operator safety

AVOID any contact of skin, eyes or clothing with concentrate or spray mixture. DO NOT breathe vapour or spray mist. DO NOT eat, drink or smoke while handling the product, wash hands and face before doing so. If any indisposition occurs, stop work, follow first aid measures, and call a physician.

WEAR protective clothing, i.e. for preparation: impermeable gloves, overalls and boots for application: overalls, hat or cap, and solid footwear. AFTER USE, thoroughly clean protective equipment and wash entire body and change clothing. Wash contaminated clothing before re use.

First Aid

If poisoning is suspected, stop work immediately and call a physician. Show label to the physician or have the label available when calling the emergency number. In case of contact with skin, remove contaminated clothing, wash affected body parts immediately with plenty of water and soap. If skin irritation persists, call a physician. Wash contaminated clothing before reuse. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required. If inhaled move to clean air and call a physician immediately. If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

Note: Never give anything by mouth to an unconscious patient.

Environment and wildlife

Toxic to aquatic organisms (algae and plants). DO NOT contaminate water used for irrigation or domestic purposes and water areas, such as ponds, ditches, lakes, drainage systems, etc. by disposal of product waste. Newly treated areas must not be grazed and all livestock is to be kept out.

Spillage and leakage

Remove heavily contaminated soil layer and bury in a safe place away from water supplies. Collect up spilt material thoroughly and bury it in a safe place or put it in a waste bin or in a plastic bag and dispose of on a landfill site approved for pesticides. Rinse spill area with plenty of water.

Note: Spilt product must not be re used.

Product and container disposal

Provided there are no local legal or other rules and regulations, the following procedure is recommended:

Plastic containers should be triple rinsed and disposed of via a waste management contractor for recycling or energy recovery. Empty the containers completely, rinse 3 times and add the rinse solution to the spray tank or store under locked conditions for use later. Hazardous material, which cannot be triple rinsed (e. g. paper) should be disposed of at a site licensed to accept hazardous waste. If these are not **available**, and the local laws permit, containers should, as a last resort, be either burned or buried on the farm. Bury well away from water supplies. If burning stay out of the smoke. As a last resort containers made of plastic can be disposed of on a landfill site or burnt in a safe place on the farm. Dispose of surplus product with a waste management contractor or on a landfill site approved for pesticides. Store surplus application mixture under locked conditions for later use or dilute and broadcast on fallow land.

Note: Always comply with local legal requirements.

Storage conditions

Store away from sun and damp, in a well ventilated area apart from food and feed, under lock and key. DO NOT contaminate water, food or feed. AVOID storage below -5°C and above +35°C. DO NOT stack containers in piles more than 2 m high, in order to avoid product compaction or damage.

Shelf-Life:

Minimum 2 years if stored in a cool dry place in original unopened container.

Legal Aspects

Before applying the product read the attached package leaflet.

User's risk

The user bears the risk for damage resulting from factors beyond the manufacturer's control.

All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefore.

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