

MAGQUAT 200SL

HERBICIDE

Reg. No.: 21-C-45-18

Net volume: 5L

A soluble concentrate contact herbicide for the control of annual broadleaf weeds and grasses in plantation and fruit crops, sugarcane, maize and sorghum, field and vegetable crops, no-tillage and other non-selective weed control sites. Also used as a pre-harvest desiccant for cotton.

Supplied by Maguires-
A member of
CropLife Zimbabwe



COMPOSITION	mass/vol.
Diquat dibromide.....	200g/L
Inert ingredients.....	800g/L

Chemical group: Bipyridilium

Manufactured by:

NOVA AGRO (HK) LTD
6TH FLOOR, WYNDHAM PLACE,
44 WYNDHAM STREET,
CENTRAL HONG KONG

Registration held by:

MAGCHEM (PVT) LIMITED
2274 TILBURY ROAD,
WORKINGTON, HARARE,
ZIMBABWE

TO CAUSE A HAZARD IN THE USE, STORAGE AND DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

SAFETY PRECAUTIONS

- Do not eat, drink, or smoke while handling this product.
- Avoid contamination of food, feed, drinking water and eating utensils.
- DO NOT use in mist blowers.
- DO NOT use muddy water.
- With knapsacks and hand held sprayers, mix each 1 part of MAGQUAT with at least 40 parts of water.
- Wear rubber gloves and face shield when handling the concentrate. If it comes into contact with eyes, flush it out at once with water. If splashed onto the skin, wash off at once with water. If the concentrate is spilled onto clothes, remove and wash them immediately. (See first aid.)
- Invert the empty containers over the spray or the mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip.
- Rinse the empty container three times with a volume of clean water equal to a minimum of 10% of the container. Add the rinsings to the content of the spray tank before destroying the container as directed.
- DO NOT inhale spray mist while spraying and avoid contact with the spray as much as possible.
- Take all possible steps to prevent spray from drifting onto other crops, grazing, rivers, or dams.
- When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, face shield or goggles, and half-face respirator or disposable respirator.
- Never re-use the empty containers for any other purpose. Crush or perforate the empty containers and then burn or bury as permitted by local regulations. Keep MAGQUAT in the original container, tightly closed, away from food. Dispose of wash water where it will not
- contaminate crops, grazing, rivers, or dams.
- Wash equipment after use with a suitable detergent.
- If clothing becomes contaminated with product or wet with spray, remove clothing immediately and wash.
- Wash yourself with soap and water after application or handling.

WARNINGS:

WITHHOLDING PERIODS:

- Allow the following intervals to elapse between application and use of water.
- Sprinkler irrigation 7 days
 - Flood irrigation No restrictions
 - Domestic use 24 hours

- Keep livestock out of area for 24 hours after application.
- Handle with care.
- MAGQUAT can be harmful if swallowed. Do not repack from this container.
- May cause moderate irritation to skin and eyes.
- If inhaled may cause nose bleeding.
- Keep out of reach of children, ununiformed persons, and animals.
- Store in the closed, original container in a dry, cool, well-ventilated area under lock and key away from food, feed, fertilizers and seed.
- In case of poisoning call a doctor and make this label available to him.
- Re-entry: do not enter treated area within 1 day after application unless wearing protective clothing.

SYMPTOMS OF POISONING:

- Corrosive effect on tissues, burning pain in the mouth, throat, chest and abdomen, intense nausea, vomiting and diarrhoea. Blood may appear in vomitus and faeces. Agitation, restlessness, disorientation and psychotic behaviour have been early manifestations of some diquat poisonings.

FIRST AID

- Remove the patient from the source of poisoning to a well-ventilated area and keep the patient calm and assured.
- Remove contaminated clothing and rinse contaminated body areas gently with non-abrasive soap and clean cold water. Do not rub the skin.
- Rinse contaminated eyes with clean running water for at least 15 minutes, holding the eyelid(s) open until no evidence of the chemical remains.
- In case of ingestion induce vomiting immediately if not already occurring and transfer patient to the nearest hospital as soon as possible. Never give anything by mouth to an unconscious person.
- Take the patient to the nearest physician immediately.

MEDICAL TREATMENT:

- Give 1 litre of suspension of Fullers Earth (15%) or Bentonite (7%) with purgative, e.g. Mannitol (20% solution) or magnesium sulphate (200ml). Repeat (4 – 6 hours) until stools contain adsorbent. Additional oxygen may be given if necessary. With haemo-perfusion or haemodialysis, do not use anticoagulants, e.g. heparin. Peritoneal dialysis is the most commonly used treatment of renal failure. Pay particular attention to maintaining fluid/electrolyte balance.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

CONVENTIONAL APPLICATIONS:

Mix the required amount of MAGQUAT with clean water in the spray tank. Ensure good weed coverage. AVOID SPRAY DRIFT. Do not spray buds or green parts of any crop. MAGQUAT kills tissue but does not harm mature bark. NOTE: Repeat application of MAGQUAT may be necessary for suppression of deep-rooted weeds such as:
Convolvulus arvensis – (field bind weed),
Malva parviflora – (small mallow),
Plantago lanceolata – (narrow-leaved ribwort) and
Rumex angicarpus – (sheep sorrel).

RECOMMENDATIONS FOR VARIOUS APPLICATIONS:

APPLICATION	RATE OF MAGQUAT (L/HA)	REMARKS
Weed Control: Plantation and fruit crops: Apples, avocados, apricots, bananas, citrus, coffee, pawpaws, peaches, pears, pineapples, plums, tea, vineyards.	1–4L MAGQUAT 200g/ha in 200–750L water	For the control of annual grasses and broadleaved weeds, especially Cape marigold (<i>Achrocha calendula</i>). Dosage rate will depend on stand, growth stage and growing conditions of weeds. Use higher volume and dosage rate for dense weeds. Can be mixed with suitable residual herbicide for longer term control. Does not cause damage when sprayed on mature bark. Will cause damage when sprayed on green parts of crop plants. In newly established tree or bush crops, do not spray on immature bark on trunk or stem.
Forestry		
Weed control: Sugarcane	1–4L MAGQUAT 200g/ha in 200–750L water	Apply either: 1) pre-crop emergence in plant cane. Spray flush of weeds OR 2) Directed inter-row spray in emerged plant or ratoon cane.
Weed Control: No-tillage, pre-plant and pre-crop emergence OR pre-crop flush and preparation aid – all crops.	1–4L MAGQUAT 200g/ha in 200–750L water	To achieve complete foliar coverage, the use of a boom to flatten all plants in front of the spray is advised.
Weed Control: Maize and sorghum inter-row directed	1–4L MAGQUAT 200g/ha in 200–750L water	Apply as a directed inter-row spray after crop is 450mm in height. Avoid spraying crop foliage.
Weed Control: All other field crops and vegetables, except tobacco.	1–4L MAGQUAT 200g/ha in 200–750L water	1) Apply as inter-row, directed spray using suitable shield to prevent spraying the crop. 2) Can also be used as a pre-planting treatment to clean up land. 3) Also suitable for killing weeds prior to planting in mulch.
Non-selective weed control- firebreaks	2–4L MAGQUAT 200g/ha in 200–750L water	Can be mixed with a residual herbicide. Use MAGQUAT to form 2 mini firebreaks, one each side of main firebreak at end of season whilst vegetation is still green. Burn off mini firebreak when treated vegetation is desiccated. Burn main firebreak when vegetation is naturally dry.
Non-selective weed control waste ground, around buildings, industrial sites and road verges.	3–5L MAGQUAT 200g/ha in 200–750L water	Improved control may be obtained by mixing with residual herbicide.
Cotton desiccation	1.5–3L MAGQUAT 200g/ha in 200–750L water	Apply in combination with phosphate defoliant to suppress re-growth of the cotton.

RESISTANCE MANAGEMENT:

For resistance management, MAGQUAT is a group code D (BIPYRIDYL) herbicide. Any weed population may contain individuals naturally resistant to MAGQUAT and other group code D herbicides since they may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly and exclusively in programs. These resistant weeds may not be controlled by MAGQUAT or any other group codes D herbicides.

To delay herbicide resistance:

- Avoid exclusive, repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicides groups codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programs. Instances of weeds being resistant to paraquat and glyphosate applications are known. In such cases, the weed population might then also be resistant to MAGQUAT.

WARRANTY

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man, animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier or registration holder in the event of any uncertainty.



- Triple rinse clean container after use.
- Puncture holes in bottom.
- Return to Maguires recycling facility/or Return to your nearest recycling facility.

Batch No.: 20240411 Date of Mfg.: 11 APR, 2024 Date of Exp.: 11 APR, 2027

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