



**A contact herbicide which kills all green vegetation in coffee, tea, bananas, citrus, sugarcane and inter-rows of maize, cotton and other row crops.**

**REGISTRATION NO.: PCPB (R) 0029**  
**GUARANTEE:** Paraquat 200 g/lit. as dichloride ion  
**COMMERCIAL & AGRICULTURAL CLASS**

**Manufactured by:** Syngenta Crop Protection AG, Basel, Switzerland

**DISTRIBUTED IN KENYA BY:** TWIGA AGRICULTURE, A DIVISION OF TWIGA CHEMICAL INDUSTRIES LTD, P O BOX 30172, NAIROBI, TEL: 338333

**DO NOT PUT IN A FOOD CONTAINER**  
**DO NOT PUT IN A DRINKS BOTTLE**

**KEEP LOCKED UP OUT OF REACH OF CHILDREN. KEEP AWAY FROM FOOD, DRINKS, AND ANIMAL FEEDSTUFFS.**

**BEFORE YOU OPEN THIS CONTAINER READ THE SAFETY ADVICE**

**Shelf Life:** At least 2 years from date of manufacture in original unopened containers.

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**Colour band: YELLOW**



#### DESCRIPTION

GRAMOXONE kills all green vegetation by contact action. It does not affect the brown mature bark of trees. GRAMOXONE is activated by bright sunlight and is rain-fast in 10 minutes. All grasses and broad-leaved weeds are affected to a greater or lesser extent. GRAMOXONE is inactivated on contact with soil and cannot be taken up by roots of crops. New crops can be safely planted 4 hours after spraying.

#### INSTRUCTIONS FOR USE

**To avoid risks to man and the environment, comply with the instructions for use.**

- Follow the safety precautions given.
- When mixing use clean water.
- Use correct nozzle and correct pressure
- Make sure spray nozzles are in good condition
- Make sure all weeds are covered by spray. Care should be taken to avoid spray drift to any green bark, buds or foliage of crops or to unwanted areas.
- Do not spray in strong wind
- After use, wash spray equipment thoroughly

#### Dilution rates

With knapsack and hand-held sprayers, the maximum recommended concentration is 1%, i.e. mix at least 100 parts of water for each part of product.

#### RECOMMENDED RATES

- When a range of rates is quoted:
    - Use the higher rates on dense weeds or as a first treatment
    - Use the lower rates under heavy shade, on younger weeds or on regrowth
- Spray Volume**  
 - Ground sprayers: Use 250-500 litres water per hectare

#### Sprayers and Nozzles

Mix the required quantity of GRAMOXONE® with clean water (avoid muddy water) and spray at low-pressure setting (1 kg/sq. cm. – 1 atmosphere). Use a flat fan or flood jet nozzle to avoid drift onto green parts of crops. Do not use GRAMOXONE® in a mist blower. For best results spray weeds when they are young and below 15 cm using a flat fan or flood jet nozzle at low pressure. Hold sprayer nozzle at just below knee height (40 cm) and direct spray forward and away from feet. Make sure you use a continuously pumped knapsack like the CP3 or CP15. Do not use a leaking knapsack or sprayer.

#### RATES OF USE

##### Coffee, Tea, Bananas, Citrus, Mangoes

Apply 1.5 –3.0 lt./ha in 250 – 500 lt./ha of water (100 ml/20 litres). Use the

lower rates on young weeds.

##### Maize, sugarcane, pyrethrum, cotton and other row crops

Use 1.5 –3.0 lt./ha in 400-lt./ha water (100 –200 ml/20 lt.). For best-weed control and to avoid crop damage spray when weeds are young. If spray gets into contact with the base of the crops, browning will occur, but there will be no lasting damage to the crop or yield. It is recommended to use a crop shield on young crops when spraying the inter-rows.

##### Cereals, Maize – minimal cultivation pre-drilling

Apply 2 – 3 lt./ha 250- 500-lt./ha water. Drilling can take place immediately after spraying.

##### Pre-Crop emergence

Use 1 – 2 lt./ha in 250 – 500-lt./ha water, immediately prior to emergence of young cereal and maize plants.

##### Use of a wetter

To improve the efficacy and uptake of GRAMOXONE at rates below 2.0 lt./ha, it's recommended to add a wetter to the spray solution, e.g., AGRAL® 90 per 100 lt./water (10 ml/20 lt.). NOTE: Use only non-ionic wetters with GRAMOXONE.

##### Re-entry interval

Do not enter treated areas for 24 hours unless protective clothing is worn or unless spray deposit has dried.

##### OPERATOR SAFETY

Ensure that there are no leaks in the spray system/knapsack  
 Do not use in hand-held ultra low volume controlled droplet applicators (CDA units) or in mist blowers.

##### PERSONAL PROTECTIVE EQUIPMENT

When handling the concentrate, wear long-sleeved shirt and long trousers, waterproof gloves, eye protection, boots  
 When applying the spray mixture, wear long-sleeved shirt and long trousers, boots  
 Wash hands and face before eating drinking and smoking. After work, thoroughly clean protective equipment, wash entire body and change clothing. Wash contaminated clothing before use.

##### FOR SAFETY WHEN MIXING

- To increase safety GRAMOXONE® has an inbuilt vomiting agent (emetic) a strong odour and a deep blue green dye.
- Wear eye protection (at least glasses). Undiluted GRAMOXONE® can damage your eyes. If you get it in your eyes, wash it out at once. See First Aid.
  - Wear synthetic rubber gloves. Undiluted GRAMOXONE® can irritate your skin. If you get it on your skin, wash it off at once. If you spill it on your clothes, change and wash them immediately.
  - After emptying container (pressure rinse) or (rinse three times manually) adding rinsate to spray tank.

##### FOR SAFETY WHEN SPRAYING

- As with all chemicals, avoid contact with the spray as much as you can. Wear protective clothing, gloves, gum boots overalls. Do not eat, drink or smoke when handling the concentrate, spray mixture or when working with the product.

##### FOR SAFETY AFTER SPRAYING

- Dispose of empty rinsed container by crushing, cutting, then burning or burying it away from water sources and human habitation. Do not use it again empty container for any other purpose.
- Keep unused GRAMOXONE® in this container, tightly closed, locked up out of reach of children and away from food.
- Wash yourself. Change and wash your work clothes.
- Keep animals away until the spray has dried.
- Immediately after spraying wash the sprayer with water and flush out the spraying system.

## **FIRST AID**

If poisoning or any indisposition occurs, stop work immediately, apply first aid measures and call a physician. Show the label to the physician.

### If swallowed

- Obtain immediate medical attention. Speed is essential
- Immediately transfer patient, and this container, to nearest hospital or medical centre, warning by telephone of the estimated arrival time so that the start of treatment is not delayed.
- If patient is not vomiting, administer an adsorbent (Fuller's earth or activated charcoal, two spoons into a glass of water).
- Note: never give anything by mouth or induce vomiting to an unconscious patient

### In case of contact with eyes

- Rinse immediately with abundant fresh and clean water, holding the eyelids open, for at least 15 minutes
- Obtain immediate medical attention

### In case of contact with skin

- Remove all contaminated clothing
- Wash affected body parts immediately with plenty of water, followed by soap and water
- Such action is essential to minimize contact with skin
- Seek medical attention

### If Inhaled

- Move to clean air
- Seek medical attention

## **Note to Physicians:**

Refer to the booklet "Paraquat poisoning – a practical guide to diagnosis, first aid and hospital treatment". Wash out stomach and test urine and gastric aspirate (if clear) for presence of paraquat. Give up to 1 litre of 15% aqueous suspension of Fuller's earth orally or via gastric tube, together with a suitable purgative (200ml of an aqueous solution of Mannitol). Repeat administration of adsorbent plus purgative until adsorbent is seen in the stools. This should normally take between 4 and 6 hours after the start of treatment. Do not use supplemental oxygen.

Call Syngenta's Medical Emergency Information Network at Huddersfield, tel ++ 44 1484 538 444 at any hour to obtain toxicology and medical management consultation. Prompt treatment is essential.

## **EMERGENCY CALL**

Syngenta Hotline, Huddersfield, UK, Tel ++ 44 1484 538 444, 24-hour service

## **STORAGE**

Store in original tightly sealed container in a cool dry well-ventilated place. Do not store in direct sunlight or near excessive heat. Store under lock and key, away from foodstuffs, drinking water, animal feeds, children, animals and unauthorised persons

## **Environment and wildlife**

Keep all livestock out of treated area until spray deposit has dried.

## **Leakage and Spillage**

Remove heavily contaminated soil and bury in a safe place away from water supplies.

Spillage: soak up with sand, sawdust, soil or an oil-binding agent. Collect contaminated material thoroughly and bury in a safe place or put in a waste bin or plastic bag, mark it and dispose of on a landfill site approved for pesticides. Treat spill area with plenty of water. Do not re-use-spilt product.

WHO Class: II (moderately hazardous)

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe

## **Users Risk**

Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

**Before using the product, please read the attached label and packaging leaflet.**

**Use pesticides safely.**

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