

**HARMFUL ▪ ECOTOXIC**

KEEP OUT OF REACH OF CHILDREN

# Dual GOLD<sup>®</sup>

## HERBICIDE

For the selective pre-emergence control of annual grasses in MAIZE, SWEETCORN, ASPARAGUS (established), PUMPKINS and SQUASH.

**Active Ingredient:** 960 g/litre S-metolachlor in the form of an emulsifiable concentrate



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

**HAZARD CLASSIFICATION: 6.1D, 6.4A, 6.5B, 9.1A, 9.2A**

**WARNING: TOXIC, ECOTOXIC**

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. May cause sensitisation from prolonged skin contact. Very toxic to aquatic organisms and to some plant species.

### PRECAUTIONS

**APPROVED HANDLER:** This product must be under the control of an approved handler during use.

**STORAGE:** Keep out of reach of children. Store in the original, tightly closed container, in a cool, dry and well ventilated area away from feed or foodstuffs. Avoid temperatures below 5°C and above 35°C. Storage of certain quantities of this product trigger specific storage requirements (Refer to HazNote). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

**PERSONAL PROTECTION:** Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear overalls, chemical resistant boots and gloves, eye protection and respirator (organic vapour and particulate matter). Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

**USE:** Apply with well maintained and calibrated spray equipment.

**DISPOSAL:** Dispose of this product only by using in accordance with this label, or at an approved landfill, or other approved facility. Do not burn. Triple rinse container and add rinseate to the spray tank. Dispose of container to an approved landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

**ENVIRONMENTAL:** Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur.

### First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

### Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

### Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to an approved landfill.

### Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone 0800 ORIONCP (0800 674 6627) or visit [www.orioncp.co.nz](http://www.orioncp.co.nz).

### GENERAL INFORMATION

Dual Gold is a herbicide for the selective pre-emergence control of annual grasses in maize, sweetcorn, asparagus (established), pumpkins and squash.

**Weeds controlled:** Commonly occurring annual grass weeds including summer grass, banyard grass, bristle grasses, witchgrasses and crowfoot grass.

### DIRECTIONS FOR USE

#### RATES AND TIMING OF APPLICATION

**Maize and Sweetcorn – annual grasses:** 2 litres of Dual Gold in at least 200 litres water per hectare to a freshly prepared seedbed immediately after planting and before crop emergence. Do **NOT** apply after crop emergence, as scorching can occur and the control of grasses is less effective. Note: The effectiveness of Dual Gold is greatly reduced on peat soils. For the control of annual broadleaf weeds in maize (other than fathen resistant to triazine herbicides) Gesaprim®500FW should be applied as a post emergence spray according to the label directions.

**Asparagus (established) – annual grasses:** 2.4 litres of Dual Gold in at least 200 litres water per hectare when closing up the beds. Do **NOT** apply to asparagus during the cutting season.

**Pumpkins and Squash – annual grasses:** 1 litre Dual Gold in a minimum of 200 litres water per hectare to a freshly prepared seedbed after sowing, but before crop emergence. Do **NOT** exceed recommended rate of application as crop damage may occur.

### MIXING

Pour the required amount of Dual Gold into the partly filled spray tank and add the remainder of the water while agitating.

### COMPATIBILITY

Dual Gold is compatible with herbicides commonly used in maize and asparagus.

### SOIL CONDITIONS/RAINFALL

Best results will be obtained when application is made to a freshly prepared, fine, moist soil, free of trash, with at least 10 mm of rain within 1 week of application. Under drier soil conditions, 30 mm or more of rain within 2 – 3 weeks is necessary.

### SOIL RESIDUES

To minimise soil residues, areas treated with Dual Gold should be deeply cross-cultivated to ensure maximum dispersal of residues. Certain susceptible crops such as ryegrass and some small grain cereals should not be sown in areas which have been treated with Dual Gold in the previous 5 months, without first obtaining advice from your local Orion Crop Protection representative.

### WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

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**Registrant:** Syngenta Crop Protection Limited, Tower 2, Level 7, 110 Symonds Street, Auckland.

**Distributor:** Orion Crop Protection Ltd, Triton Technical Park, Building B, 14 – 22 Triton Drive, North Harbour, Auckland.

Batch No.

Date of manufacture



Net Contents: 5 Litres