

**orion** AGRISCIENCE

**WARNING**

KEEP OUT OF REACH OF CHILDREN



# Guvnor<sup>TM</sup> Gold

## 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



**20 Litres**

## READ THE LABEL BEFORE USE

### HAZARD CLASSIFICATIONS

**Acute inhalation toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1**

### WARNING, ECOTOXIC

Harmful if inhaled. Causes serious eye irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment.

### PRECAUTIONS

#### HANDLING REQUIREMENT:

This product must only be handled, mixed and applied by a suitably qualified person, as define under the HPC notice 2017 Part 4C.

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area.

### PERSONAL PROTECTION

Avoid contact with eyes and skin. Do not breathe in the vapour or spray mist. When mixing or applying, wear chemical resistant overalls, boots, gloves, and eye protection. Wear a respirator if vapour or spray mist could be inhaled. Do not eat, drink or smoke during use. Clean protective equipment after use. Do not take contaminated equipment or clothing off site. Wash contaminated clothing before reuse. Wash hands after use.

### STORAGE

Keep out of reach of children. Store in the original container in a cool, well ventilated and secure area. 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.

### DISPOSAL

Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

### ENVIRONMENTAL

Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. This product must be applied using ground-based methods only. Do not apply directly into or onto water. In the event of spillage, exclude non-essential people from the area. Wear protective equipment and prevent from entering drains. Contain and collect spillage for disposal.

### FIRST AID

If medical advice is needed, have product container or label at hand.

If swallowed: Rinse mouth. Seek medical advice.

If on skin: Wash with plenty of soap and water. Seek medical advice if irritation or rash occurs.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Seek medical advice if irritation persists.

If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice.

For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.

### 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 absorb with further inert material. Dispose of safely to a suitable landfill.

### SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**

Registered pursuant to the ACVM Act 1997, No. P9821

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No. HSR100968

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

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**Registrant:** Agsin Pte Ltd, Zagro Global Hub, 5 Woodlands Terrace, Singapore 738430

**Distributor:** Orion AgriScience Ltd, Unit 1, 15 Sir Gil Simpson Drive, Harewood, Christchurch 8053.

**0800 674 6627**

**www.orionagriscience.co.nz**

Batch No:

Date of manufacture:

**GUVNOR GOLD**

**orion** 0425  
AGRISCIENCE

## READ THE LABEL BEFORE USE

### GENERAL INFORMATION

Guvnor Gold contains 960 g/L of S-metolachlor as the active ingredient; and up to 10% w/v of benoxacor as a safener. Guvnor 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, barnyard grass, bristle grasses, witch grasses and crowfoot grass.

### RESISTANCE MANAGEMENT

GROUP	15	HERBICIDE
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Guvnor Gold contains s-metolachlor, which belongs to the chloroacetamides chemical family. Resistance to this and other chloroacetamide or oxyacetamide herbicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on this label.

### 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.

### DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

Crop	Weeds Controlled	Rate per Ha	Critical Comments
Asparagus (established)	Barnyard Grass, Bristle Grasses, Crowfoot Grass, Summer Grass, Witch Grasses	2.4 L	Apply when closing up the beds. Do <b>NOT</b> apply during the cutting season.
Maize, Sweetcorn		5 L	Apply to a freshly prepared seedbed immediately after planting and before crop emergence. Do <b>NOT</b> apply after crop emergence, as scorching can occur, and the control of grasses is less effective. Effectiveness is greatly reduced on peat soils. For the control of annual broadleaf weeds, use other products such as Atrflow™ (other than for fathen resistant to triazine herbicides), Dominator® or Orion Nico Ultra, applied as a post emergence spray according to label directions.
Pumpkins, Squash		1 L	Apply to a freshly prepared seedbed immediately after planting and before crop emergence. Do <b>NOT</b> exceed the recommended rate of application as crop damage may occur

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.**

**Note:** Maximum application rate is 4.8 kg s-metolachlor/ha. Do not exceed the application rates specified.

### APPLICATION METHODS

Ground Application: Apply in a minimum of 200 L / ha of water.

### MIXING

Partly fill the spray tank with water, and add the required quantity of Guvnor Gold. Maintain agitation through filling and spraying.

### COMPATIBILITY

Compatible with most commonly used herbicides 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 Guvnor 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 Guvnor Gold in the previous 5 months, without first obtaining advice from your local Orion AgriScience representative.