

orion AGRISCIENCE



WARNING

KEEP OUT OF REACH OF CHILDREN

Guvnor™ 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 LABEL BEFORE USE

HAZARD CLASSIFICATIONS: 6.1D, 6.3B 6.4A, 6.5B, 9.1A, 9.2A

WARNING HARMFUL, ECOTOXIC

Harmful if inhaled. May be harmful if swallowed or in contact with the skin. Causes mild skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Very toxic to aquatic organisms with long lasting effects. Very toxic to some plant species (selective herbicide).



PRECAUTIONS

Keep out of reach of children. Avoid contact with eyes and skin. Do not breathe in the vapour or spray mist. Do not eat, drink or smoke during use. Wash hands after use.

STORAGE

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.

PROTECTIVE EQUIPMENT

When mixing or applying, wear chemical resistant overalls, boots, gloves, and eye protection. Wear a respirator if vapour or spray mist could be inhaled. Clean protective equipment after use. Do not take contaminated equipment or clothing off site. Wash contaminated clothing before reuse.

USE

Apply with well maintained and calibrated spray equipment. Application must be by a qualified loader, contractor or person.

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

INGREDIENTS

Guvnor Gold contains 960 g/L of S-metolachlor as the active ingredient; and up to 10% w/v of benoxacor as a safener.

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 for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSR100968

See www.epa.govt.nz for approval conditions.

®DOMINATOR is a Registered Trade Mark of Orion AgriScience Ltd

™ATRAFLOW and GUNNOR are Trade Marks of Orion AgriScience Ltd

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 www.orionagriscience.co.nz.

Batch No.

Date of Manufacture

orion

AGRISCIENCE

0522

READ THE LABEL BEFORE USE

GENERAL INFORMATION

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.

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.

RESISTANCE MANAGEMENT

GROUP **K3** HERBICIDE

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.

DIRECTIONS FOR USE

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 NOT apply during the cutting season.
Maize, Sweetcorn		5 L	Apply 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. Effectiveness is greatly reduced on peat soils. For the control of annual broadleaf weeds, use other products such as Atraflo™ (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 NOT 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.

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.