



# orion

 AGRISCIENCE**WARNING**

KEEP OUT OF REACH OF CHILDREN



# Sylon<sup>®</sup>

## 840

# HERBICIDE

For the selective pre-emergence control of  
annual grasses and many broadleaf weeds in  
GRAIN and SILAGE MAIZE and SWEETCORN

**Active Ingredient:**

840 g/litre acetochlor in the form of an emulsifiable concentrate



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**20 Litres**

## PLEASE READ THE LABEL COMPLETELY BEFORE USE

**HAZARD CLASSIFICATION:**

Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

**WARNING: TOXIC, ECOTOXIC**

Harmful if swallowed or inhaled. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates.

**PRECAUTIONS****HANDLING REQUIREMENTS:**

This product must only be handled, mixed and applied by a suitably qualified person as defined 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. Avoid inhalation of vapour or spray mist. When mixing or applying, wear overalls, chemical resistant boots and gloves, and eye protection. 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.

**STORAGE:**

Keep out of reach of children. Store in the original, tightly closed container, in a cool, dry and secure place 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 Safety Note). 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 only by using in accordance with this label, or at a suitable landfill. Do not burn. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use 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. Do not apply directly into or onto water. Do not contaminate aquatic environments with product, spray drift or empty container. Spray drift or equipment contamination may cause serious damage to desirable plants. Collect spillage.

**FIRST AID**

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

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 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 (08006746627)** or visit [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz).

**GENERAL INFORMATION**

Sylon 840 is a selective pre-emergence herbicide for the control of annual grasses and many broadleaf weeds in grain and silage maize and sweetcorn. Sylon 840 is absorbed by the shoots and roots of weeds and kills them as they germinate.

**Weeds controlled:** Commonly occurring annual grass weeds including; summer grass, barnyard grass, bristle grass, green bristle grass, rough bristle grass, seedling Johnson grass, smooth witch grass, witchgrass. Broadleaf weeds include; amaranthus spp, black nightshade, chickweed, redroot, Scotch thistle, seedling dock, Shepherd's purse, stinking mayweed, twin cress.

**The following weeds are only moderately susceptible:** Combard, fatten, field pansy, fumitory, spurrey, wild radish, willow weed, wireweed.

Batch No:

Date of manufacture:

Ingredients: Sylon 840 contains 840g/L of acetochlor as the active ingredient, and up to 110g/L of 2,2-dichloro-N,N-di-2-propenylacetamide as a herbicide safener.

**DIRECTIONS FOR USE**

Apply with well-maintained and calibrated spray equipment.

**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.**

**GRAIN AND SILAGE MAIZE AND SWEETCORN**

**Rate and Timing of Application:** 2.5 – 3.0 litres in at least 200 litres of water per hectare to a freshly prepared seedbed immediately after planting and before crop emergence. Use the higher rate in clay soils and those with higher organic matter. If desired, Atraflo<sup>TM</sup> (atrazine) may be added to the tank mix to improve the spectrum of activity. Alternatively, Atraflo<sup>TM</sup> or Bandit<sup>®</sup> (dicamba) may be applied as follow-up post emergence treatment.

**MIXING**

To ensure mixing pour the correct amount into the partly filled tank and add the remainder of the water while agitating. Agitate thoroughly before and during spraying and before spraying after a stoppage.

**COMPATIBILITY**

Compatible with Atraflo<sup>TM</sup>.

**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 of rain within 2 – 3 weeks is necessary. Application by pre-plant incorporation may be beneficial under very dry conditions.

**SOIL RESIDUES**

Under normal use, soil residues should not carry over to successive crops. In a replant situation when the previous Sylon 840 treated crop may have failed for whatever reason, contact your Orion AgriScience representative or merchant for advice before replanting. If establishing pasture in peat soils, cultivate soil before sowing if Sylon 840 has been applied to the previous crop.

**RE-ENTRY PERIOD**

When fully dry.

**RESISTANCE MANAGEMENT**

GROUP	15	HERBICIDE
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Sylon 840 contains acetochlor, a group 15 herbicide belonging to the chloroacetamide 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.nzps.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.

Registered pursuant to the ACVM Act 1997, No. P5817

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

Approved pursuant to the HSNO Act 1996, No. HSR000404

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

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**0800 674 6627**

**[www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)**

**SYLON 840**

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