

**orion** AGRISCIENCE



**HARMFUL | ECOTOXIC**  
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: 6.1D, 6.3A, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A, 9.3C

#### WARNING: TOXIC, ECOTOXIC

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and skin irritation. May cause sensitisation from prolonged skin contact. May cause kidney damage from repeated ingestion at high doses. Very toxic to aquatic organisms and to some plant species. Harmful to terrestrial vertebrates.

#### 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 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.

**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 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:** 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 CHEMICAL (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](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, witch grass. 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:** Cornbind, fathen, field pansy, fumitory, spurrey, wild radish, willow weed, wireweed.

Batch No:

Date of manufacture:

SYLON 840

**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

**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™ (atrazine) may be added to the tank mix to improve the spectrum of activity. Alternatively, Atraflo™ or Bandit™ (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.

#### 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 K3 HERBICIDE**

Sylon 840 contains acetochlor, a group K3 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.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.

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 conditions.

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