

**WARNING**  
KEEP OUT OF REACH OF CHILDREN



# Soleto™

## HERBICIDE

PRE-EMERGENCE HERBICIDE FOR THE CONTROL OF ANNUAL BROAD-LEAVED WEEDS IN POTATOES.

*grochem*

ACTIVE INGREDIENT: Suspension concentrate (SC) formulation containing 500g/L of Metobromuron

Batch No:

DoM:



PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (METOBROMURON) U.N. NO. 3082

9 4 2 1 0 2 6 1 7 3 9 3 5

NET CONTENTS  
**10L**

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GCSOLE/0522



# SOLETO™

## PLEASE READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE

**TOXICITY:** May be harmful if swallowed. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. **ECOTOXICITY:** Very toxic to aquatic life. Very toxic to the soil environment.

**PRECAUTIONS:** Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe mist/spray. Wash thoroughly after handling.

**EQUIPMENT:** Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZ8409). Spray machinery should be thoroughly cleaned after use.

**STORAGE:** Store locked up in the original container in a cool, dry place, out of direct sunlight. Secondary containment is required for quantities of 100L or greater. It is recommended that The New Zealand

Standard for the Management of Agrichemicals (NZ8409) is followed as a means of meeting the secondary containment provisions of the HSN0 Emergency Management Regulations. See Safety Data Sheet for the further information.

**SHELF LIFE:** When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for information on the use of product that is older than this.

**PROTECTIVE CLOTHING:** Wear protective gloves, overalls and eye/face protection. When mixing or applying, wear waterproof gloves and face shield.

**SPILLAGE:** Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as above to clean spills. Sweep up spill material and place in waste containers. Absorb liquid spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

**CONTAINER DISPOSAL:** Triple rinse container and add residue to spray tank. Burn if circumstances, especially wind direction, permit, otherwise flatten and bury in a suitable landfill.

**RECORD KEEPING:** Records of use must be kept under certain circumstances – see The New Zealand Standards for Management of Agrichemicals (NZ8409) for details. Avoid contamination of any water supply with chemical or empty container. **FIRST AID:** If medical advice is needed, have product container or label at hand. **IF SWALLOWED:** Call the National Poisons Centre 0800 POISON (0800 764 766) or A doctor/physician if you feel unwell. **IF INHALED:** move the victim to fresh air immediately. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY, CALL 0800 CHEMICAL (24HRS) OR 0800 243 6225. IN A TRANSPORT EMERGENCY DIAL 111**

**SAFETY DATA SHEET:** A Safety Data Sheet is available from Agrinova NZ Ltd, call 04 237 0905 or from our website [www.grochem.com](http://www.grochem.com)

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## DIRECTIONS FOR USE

Soleto is a selective pre-emergence herbicide for the control of annual broad-leaved weeds in potatoes. The product is mainly absorbed by the roots and transported acropetally within the plant after uptake. Soleto acts by inhibiting photosynthesis in susceptible weeds. Soleto may be applied on all varieties of potatoes.

**BROAD-LEAVED WEEDS CONTROLLED:** Redroot, Fathen.

### RESTRICTIONS:

- Some transient crop discoloration may occur under certain climatic conditions where heavy rainfall follows application. This transient crop effect is rapidly outgrown and has no impact on yield.
- Do not overlap spray swathes.
- **WARNING, very toxic to some plant species.** Certain plants may be damaged or killed from contact with this product. The substance should not be applied within 5m of a downwind area containing any non-target plants.
- **DO NOT** apply when wind speeds are less than 3km/hr or more than 20km/hr as measured at the application site.
- Before application, users should check with the regional authority to establish if there are wetlands, indigenous vegetation habitat areas or reserves which may contain threatened plants adjacent to the application area, in which case it is recommended to increase the buffer zone to 50m.

**WATER RATE:** Apply in 900 to 600L of water per hectare

**WITHHOLDING PERIOD:** Before crop emergence

CROP	RATE/HA	CRITICAL COMMENTS
Potato	3L/ha	Apply one application after final ridging and prior to crop emergence. Ensure mechanical removal of weeds, remaining crop and seeds has taken place before application. The substance should only be used after planting and before crop emergence.

**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.**

**MIXING AND APPLICATION:** Before mixing Soleto, ensure the spray equipment is clean. Shake container well before use.

1. Half fill the spray tank with clean water and commence agitation
2. Add the required amount of product to the spray tank and complete filling, maintaining agitation until spraying is complete
3. On emptying the product container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times when empty. Add washings to sprayer at time of filling and dispose of container safely.
4. On preparation of spray solution, use as soon as practically possible.
5. Never prepare more spray solution than required.

**COMPATIBILITY:** Consult Grochem before tank mixing with any adjuvants or other pesticides.

**SPRAY TANK CLEAN OUT:** All application equipment and contaminated clothing should be thoroughly washed/rinsed with clean water three times. After each step of washing, drain the sprayer, spray out completely. Ensure that all liquid is removed from the

spray tank, pump and hoses. Remove nozzles, open tank and drain pump to allow free access of air to all parts of the system. Care should be taken not to rinse contaminated washings from application equipment into waste water channels.

**Contaminated cleaning liquids should be disposed of safely according to local regulations. Operators should read the sprayer manufacturer's instruction before beginning to wash out sprayers.**

**RESISTANCE MANAGEMENT:** Soleto contains the C2 herbicide, metobromuron. Do not use another product containing a herbicide in the same group in conjunction with Soleto when applying the resistance prevention guidelines below. To reduce the risk, it is recommended to alternate or to tank mix products containing active substances with complimentary activity but from different chemical groups or having different modes of action, not only within one growing season but also through crop rotation.

**SOIL TYPES:** Soleto is recommended for use on all soil types.

**FOLLOWING CROPS:** Cereals can be grown from 6 months after application and all crops after one year.

**REPLACEMENT CROPS:** In the event of crop failure, due to unfavourable weather conditions, or unexpected climatic conditions causing delay in the crop emergence, potatoes can be replanted after minimal cultivation.