

# Sencor<sup>®</sup> 480SC

Net contents : 5 L, 10 L

## ***Herbicide***

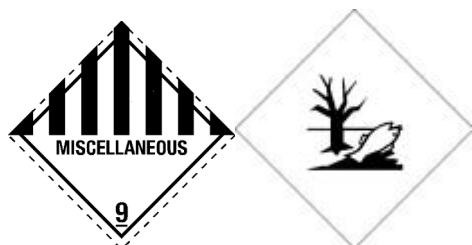
Claim statement: Selective herbicide for pre and post emergence weed control in asparagus, carrots, lentils, lucerne, maize, peas, potatoes and tomatoes.

Contains: 480 g/litre metribuzin in the form of a suspension concentrate

Registered pursuant to the ACVM Act 1997, No P7830  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR007917  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

## **DG Information**



UN 3082  
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (METRIBUZIN SOLUTION)  
PACKING GROUP III  
CLASS 9  
HAZCHEM CODE 3Z

IN A TRANSPORT EMERGENCY DIAL 111 POLICE OR FIRE BRIGADE



**WARNING**  
**KEEP OUT OF REACH OF CHILDREN**  
**HSNO Classifications:**



Harmful if swallowed.

Causes serious eye irritation.

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.

Toxic to terrestrial vertebrates.

**PRECAUTIONS:**

Read label before use

Do not eat, drink or smoke while using this product.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Avoid contact with the skin and eyes

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area

Do not apply directly into or onto water

**PERSONAL PROTECTION:**

When handling, wear full protective clothing such as impervious gloves, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

**STORAGE:** Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.

**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

**Disposal:** Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

**Container Disposal:** Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.

**FIRST AID:**

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water, if irritation persists get medical advice. If inhaled, move the victim to fresh air immediately.



**Sencor® 480SC** is a selective herbicide pre and post emergence, for the control of a wide range of weeds in asparagus, carrots, lucerne, maize, peas, potatoes and tomatoes.

**Sencor® 480 SC** is absorbed by both the roots and the leaves of the weeds causing the weeds to die. Best results are obtained from applications made to actively-growing young weeds. As **Sencor® 480SC** also acts through the soil a single application gives residual control as well as a knock-down effect.

#### WEEDS CONTROLLED:

Susceptible: Amaranths, barnyard grass, charlock, chickweed, fathen, field speedwell, fumitory, galinsoga, groundsel, henbit, nettles, plantains, redroot, scentless chamomile, shepherd's purse, spurrey, small-flowered buttercups, stinking mayweed, storksbill, twin cress, white campion, wildradish, wild turnip, willow weed, wireweed.

Moderately Susceptible: Cornbind, sow thistle, seedling docks, seedling Californian thistle, summer grasses.

Resistant: Black nightshade, cleavers, docks, giant buttercup, most deep rooting weeds and most weeds over 4-leaf stage.

#### CROP ROTATION:

Because residues resulting from the use of this product could adversely affect following susceptible crops, do not plant crops other than those recommended for treatment without first sowing an indicator crop. To minimise soil residue effects, areas treated with **Sencor® 480SC** should be ploughed and thoroughly cultivated before sowing following crop.

#### COMPATIBILITY:

When applying post emergence do not combine with emulsifiable concentrates of insecticides or other herbicides. Do not use surfactants. Do not apply fungicide/insecticide sprays within 5 days of **Sencor® 480SC** application to potatoes and tomatoes.

#### RESISTANCE MANAGEMENT

Group	5	Herbicide
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**Sencor® 480SC** contains metribuzin a member of the triazinone group of herbicides (Group C). Some naturally occurring weed biotypes resistant to the product and other Group C may exist. To minimize this risk, use strictly in accordance with label instructions.

#### RECOMMENDATION:

##### ASPARAGUS:

Apply 730 – 1100 mL prior to crop emergence in not less than 300 litres water/ha. A further application may be required during the season directed at the base of plants. Some tip-burn can be expected with post emergence applications. This burning does not persist.

**Newly Transplanted:** Apply 730 – 1460 mL post-transplant but before fern emergence, in not less than 300 litres water/ha. A further application may be necessary.

**Established:** Apply 1460 mL prior to spear emergence in not less than 300 litres water/ha. A repeat application may be required after harvest.

Application should not be made during the cutting period.

N.B. **Sencor® 480SC** may be mixed with other registered products to increase weed spectrum. Where *Solanum* spp. (black nightshade) is present, it should be mixed with Tribunil at 1.5-2.0 kg/ha.



**CARROTS:**

**Post Emergence:** Apply 730 mL of **Sencor® 480SC** in 300-500 litres of water/ha when carrots have reached the 2-true leaf stage but before the majority of weeds have reached the 4-leaf stage.

**LENTILS:**

**Pre-emergence:** Apply 730 mL/ha of **Sencor® 480SC** or 365 mL/ha of **Sencor® 480SC** + 3.0 litres/ha of cyanazine 50SC after sowing but before seedling emergence in not less than 200 litres water/ha. Do not exceed the recommended rates of application of **Sencor® 480SC** as crop damage and a resultant yield reduction will occur.

**LUCERNE:**

For broadleaf and annual grass weed control apply 1460 mL of **Sencor® 480SC** in 300-600 litres of water/ha during the dormant or semi-dormant period. Where perennial weeds are a problem apply **Sencor® 480SC** at 730 mL with 1.6 litres atrazine (50% a.i.) or 730 mL + 2 litres paraquat (20% a.i.) per hectare in 300-600 litres of water.

NOTE: **Sencor® 480SC** is particularly effective for the control of *Poa pratensis* in Lucerne. DO NOT APPLY TO LUCERNE STANDS LESS THAN 9 MONTHS OLD.

**MAIZE:**

**Pre-emergence:** For control of both broadleaf and grass weeds apply 875 – 1240 mL of **Sencor® 480SC** per ha + 8 litres alachlor (50% a.i.) in not less than 300 litres of water/ha.

**PEAS:**

**Post Emergence:** Apply 730 mL of **Sencor® 480SC** for the control of both grass and broadleaf weeds. In those situations where nightshade is a problem add 1 kg/ha of Tribunil.

Alternatively if grasses are not a problem and only nightshade and other broadleaf weeds are present the mixture of 365 mL of **Sencor® 480SC** + 1 kg Tribunil per hectare is recommended. Applications should be made in 300-500 litres of water per hectare before the crop has reached 15 cm in height and before the weeds have reached the 4-leaf stage.

WARNING: Do not spray peas until the crop has fully recovered from the effects of rolling and harrowing. Do not apply to crops suffering disease or frost damage. Do not apply to undersown crops.

**POTATOES:**

**Early Crop (cool, moist conditions):** Apply 730 mL in 340-600 litres water/ha during emergence but before the majority of potatoes are more than 10 cm high and preferably when the weeds are at the cotyledon to 2-true leaf stage.

**Main Crop (warm, dry conditions):** Apply 1100 mL in 340-600 litres water/ha at weed emergence, but before the majority of potatoes are more than 10 cm high and preferably when the weeds are at the cotyledon to 2-true leaf stage. Use 1460 mL in 340-600 litres water/ha where summer grass weeds and black nightshade are a problem. Apply as above.

**TOMATOES:** Direct seeded.

**Pre-emergence:** Apply 730 mL in 300-600 litres/ha after seedling but prior to emergence. If necessary follow with post emergence spray.

**Post Emergence:** Apply 730 mL in 300-600 litres/ha as a directed spray when the tomatoes have 4-true leaves and the weeds are in the cotyledon stage.

**TOMATOES:** Transplants.

Apply as for post emergence use on direct seeded tomatoes (see above).

**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.**



**CONDITIONS OF SUPPLY: READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.**

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Expiry:

Batch No:

Sencor® is a registered trademark of the Bayer Group

**Bayer**

Registered to:

Bayer New Zealand Limited

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EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607

