

# DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

# RADICLE 600 FS

FLOWABLE SEED DRESSING INSECTICIDE

ACTIVE INGREDIENT: 600 g/L IMIDACLOPRID in the form  
of a flowable concentrate for seed treatment

GROUP **4** INSECTICIDE

For use as a seed treatment on cereals, forage brassicas, grass seed, maize,  
sweetcorn, potatoes, pumpkins and winter squash.

Registered pursuant to the ACVM Act 1997, No. P008824  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to the HSNO Act 1996, Approval No. HSR100831  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls



NET CONTENTS: 20 L

Registrant:  
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Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

NZ Agent:  
**Kenso NZ Limited**  
2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.  
Ph: 0800 536 766

## PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under control of an appropriately trained and experienced applicator during use. A record must be kept of the use and disposal of this product.

## HAZARD CLASSIFICATION

Acute oral toxicity Category 3, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

## DANGER

Toxic if swallowed. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

## ECOTOXICITY

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment. Very toxic to terrestrial invertebrates. Toxic to terrestrial vertebrates. Note requirements for labelling of treated seed.

## HANDLING PRECAUTIONS

### STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

Stores containing 100 litres of Radicle 600 FS Flowable Seed Dressing Insecticide require signage and secondary containment, and more than 100 litres require emergency response plans.

## PERSONAL PROTECTION

Avoid contact with skin or eyes. When handling wear waterproof gloves, appropriate eye protection, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

## EQUIPMENT

Apply using well maintained and accurately calibrated seed treatment equipment. As Radicle 600 FS Flowable Seed Dressing Insecticide may alter the seed flow rate, calibrate the planter prior to planting with treated seed.

## DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Otherwise, crush and bury in a suitable landfill. Dispose of product only by using according to the label, or at an appropriate landfill.

## Spillage:

Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Wash area with water and absorb with further inert material. Dispose of waste safely in a suitable landfill.

## Transport:

Do not carry more than 1 litre of Radicle 600 FS Flowable Seed Dressing Insecticide on a passenger service vehicle.

## Tracking/Record Keeping:

This product requires tracking. The location and movement of this product must be recorded at each stage of its lifecycle as described in NZS 8409 Management of Agrichemicals.

## Mixing:

Shake or roll the container thoroughly before use. When decanting ensure adequate agitation is maintained.

## LABELLING OF TREATED SEED

At the time of treatment the seed must be dyed a distinctive colour.

Containers of treated seed must be labelled with the following:

1. Seed treated with Radicle 600 FS Flowable Seed Dressing Insecticide must not be used for human or animal consumption.
2. Treated seed may be harmful to seed eating birds, and should be sown properly and completely covered by soil.
3. Excess seed is not to be left in areas accessible to birds.
4. Withholding Period: Stock must not graze cereals, forage brassicas, maize, sweetcorn or pasture within 42 days of planting. Grass seed oversown into grazed pasture (stitching) - 21 days from oversowing.

**NOTE:** Apply Radicle 600 FS Flowable Seed Dressing Insecticide ONLY to high quality undamaged seed. Radicle 600 FS Flowable Seed Dressing Insecticide can be applied in conjunction with a seed treatment fungicide, or to seed previously treated with a fungicide.

**It is an offence to use this product on animals.**

## DIRECTIONS FOR USE

CROP	PEST	RATE	NOTES
Cereals	Grass grub larvae Aphids	90ml per 100kg of seed	Apply with sufficient water (usually 10 litres / tonne of seed) to evenly cover the seed.
Forage brassicas	Aphids Argentine stem weevil Springtails ( <i>Sminthuridae</i> family) Wheat bug	12-24ml per kg of seed	Apply to seed ensuring even coverage. The high rate will protect against aphids for longer.
Grass seed	Grass grub larvae Black beetle adult	580ml per 100kg of seed	Apply with sufficient water (usually 10 litres / tonne) to evenly cover the seed.
Maize and sweetcorn	Argentine stem weevil Black beetle	580ml per 100kg of seed	Apply with sufficient water (usually 1-2 litres/100kg of seed) to evenly cover the seed. Temporary phytotoxic effects may occur on some sweetcorn varieties, especially under dry conditions. These will disappear as the plant grows.
Potatoes	Aphids	90ml per tonne of seed	Apply with sufficient water (usually 2-3 litres/tonne) to evenly cover seed tubers. If treated tubers are to be stored before planting ensure they are completely dry before storing.
Pumpkins and Winter Squash	Aphids Argentine stem weevil Grass grub beetle Lucerne flea Springtails	50ml per kg of seed	Apply with sufficient water (usually 1-2 litres/100kg of seed) to evenly cover the seed.

**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**

## WITHHOLDING PERIOD

Cereals, forage brassicas, pasture, maize and sweetcorn - 42 days.  
Grass seed oversown into grazed pasture (stitching) - 21 days from oversowing.

## RESISTANCE MANAGEMENT **GROUP 4 INSECTICIDE**

Radicle 600 FS Flowable Seed Dressing Insecticide contains a GROUP 4 INSECTICIDE and belongs to the neonicotinoid group of chemicals. Resistance to this insecticide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies ([www.nzpps.org/resistance](http://www.nzpps.org/resistance)) that exist for any insect pest on this label.

## 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 hair or skin contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water.

## SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: [www.kenso.co.nz](http://www.kenso.co.nz)

## CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.



EMERGENCY RESPONSE  
Ring 0800 CHEMCALL, or  
0800 243 622 (24 hours)

Product of Malaysia



Batch No.:

Date of Manufacture:

UN NO: 2902

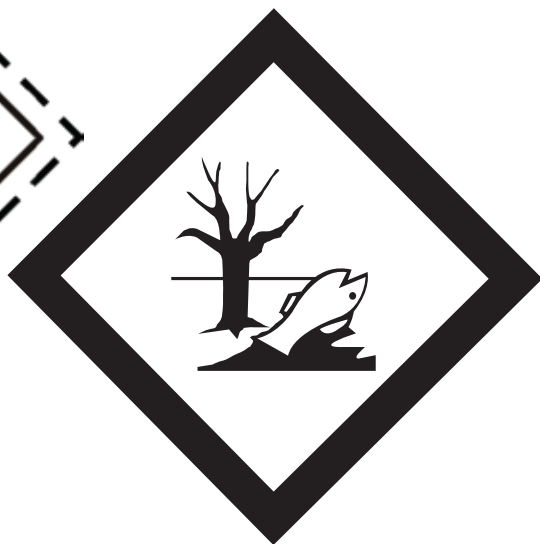
PESTICIDE, LIQUID, TOXIC

N.O.S. (CONTAINS IMIDACLOPRID)

PACKING GROUP III,

HAZCHEM 2X

CONTAINS SPILLAGE, CLASS 6



In a transport emergency dial 111, Police or Fire Service. For specialist advice in emergency only, call 0800 243 622 (24 hours)