

Endow[®] 600SC

A systemic insecticide for use as a seed treatment for protection from Argentine stem weevil, black beetle and greasy cutworm in maize and sweetcorn, Argentine stem weevil and grass grub larvae in wheat, aphids in cereals, Argentine stem weevil, springtails and wheat bug in forage brassicas, and Argentine stem weevil, black beetle and grass grub larvae in newly-sown grass.



Active Ingredient: 600g/litre clothianidin

Chemical Group: Neonicotinoid – GROUP 4 Insecticide

Formulation: Suspension Concentrate

Pack Size: 10 Litre

- ✓ Excellent protection for germinating seedlings against pest damage for up to 6 weeks.
- ✓ Protection against soil borne pests.
- ✓ Better crop establishment and vigour.
- ✓ Greater crop yields.
- ✓ Systemic protection from root to tip.
- ✓ Broad spectrum efficacy.
- ✓ Low toxicity to a range of beneficials, including earthworms.

About Endow[®] 600SC

Endow[®] 600SC provides critical early protection for grass seed in the establishment phase, giving protection against ASW, black beetle and grass grub larvae. Newly treated grass will grow faster and result in a higher yield.

Resistance Management:

Endow[®] 600SC is a GROUP 4 INSECTICIDE from the Neonicotinoid group of insecticides. Resistance to Endow 600SC and related insecticides could develop from repeated use. To minimise this risk, use strictly in accordance with label instructions.

Consult <https://resistance.nzpps.org/> for alternative modes of action and resistance management strategies (if any) for the insect pests listed on the label.

Mixing: Prior to mixing ensure the container is rolled to re-suspend the formulation. When decanting ensure adequate agitation is maintained.

Endow[®] 600SC should only be applied through a properly-calibrated seed treatment machine to high quality undamaged seed. As Endow 600SC treatment may alter the seed flow rate, recalibrate the planter prior to drilling with treated seed to ensure the required plant population is achieved. Any person treating seeds with this substance must ensure that the seeds are film coated at the time of treatment.

Directions for use:

Note: Use Restriction – This substance must only be applied as a seed treatment.

Crop	Pest	Rate
Maize Sweetcorn	Argentine stem weevil Black beetle Greasy cutworm	Use 100 ml/80,000 seeds. Mix with sufficient water (1-2 litres/100 kg seed) and apply to seed ensuring even coverage.
Cereals	Aphids	Use 60 ml/100 kg of seed. Mix with sufficient water (usually 10 litres/tonne of seed) and apply to seed ensuring even coverage.
Wheat	Argentine stem weevil Grass grub larvae	Use 60 ml/100 kg of seed. Mix with sufficient water (usually 10 litres/tonne of seed) and apply to seed ensuring even coverage.
Forage Brassicac	Argentine stem weevil Springtails (Sminthuridae family) Wheat bug (Nysius huttoni)	Use 12 ml/kg of seed. Mix with sufficient water (usually 1 litre/100 kg) and apply to seed ensuring even coverage.
Grass seed	Argentine stem weevil Black beetle Grass grub larvae	Use 450 ml/100 kg of seed. Mix with sufficient water (usually 1 litre/100 kg) and apply to seed ensuring even coverage.

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 PERIODS:

Maize, Sweetcorn, Wheat, Cereals, Forage Brassicas and Grass seed: **42 days from sowing.**

Grass seed oversown into pasture (stitching): **21 days from sowing.**

Containers of treated seed must be labelled as follows:

- 1) Containers of treated seed must be labelled as follows
- 2) Seed treated with Endow 600SC (active ingredient: 600g/l clothianidin) must not be used for human or animal consumption.
- 3) Treated seeds may be harmful if swallowed or if they come into contact with skin. May cause skin and eye irritation and sensitisation. Avoid skin and eye contact. When handling or applying seeds, wear protective clothing, including face shield, chemically resistant gloves and footwear.
- 4) Treated seed may be harmful to seed-eating birds and should be properly sown and completely covered by soil. Harmful to terrestrial vertebrates and invertebrates.
- 5) Excess seed must not be left in areas accessible to birds.
- 6) Seeds treated with this substance must not be sowed at rates exceeding 0.06 kg clothianidin/ha.
- 7) Seeds treated with this substance must be disposed of in accordance with the disposal requirements for toxic and ecotoxic substances as specified under the Hazardous Substances (Disposal) Notice 2017.
- 8) Withholding period: Stock must not graze maize, sweetcorn, wheat, cereals, pasture or forage brassicas within 42 days of planting and grass seed oversown into pasture (stitching) within 21 days from sowing.

Registered to and distributed by: Adria New Zealand Limited. P.O. Box 535 Kumeu, Auckland 0841, NEW ZEALAND.
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Approved under the HSNO Act 1996, HSR101319.

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