

# Sedgehammer

## Herbicide

**Sedgehammer** is a 750g/kg water dispersible dry flowable formulation of Halosulfuron methyl. It is registered for the control of Nutgrass and Mullumbimby Couch in most turf grass species including Bent grass, Buffalo, Couch, Kikuyu, Perennial Ryegrass, Qld Blue Couch and Tall Fescue.

### MODE OF ACTION

**Sedgehammer** is a group B herbicide. **Sedgehammer** works by inhibiting ALS (Acetolactate synthase). ALS is a key enzyme in the production of branched chain amino acids. **Sedgehammer** is absorbed into the leaf tissue within 24-48 hours and enters the plants vascular system. It travels to the base of the leaves where the growing point is located. Critical amino acid production within the plant is then halted. Yellowing and browning of leaves usually occurs within 10-14 days. It may take an additional 2 weeks before the nutgrass or Mullumbimby couch dies. If the nutgrass is not actively growing or is stressed in any way, this process may be delayed or interrupted.

### APPLICATION

**Sedgehammer** is applied at a rate of 65-130 g/Ha. To enhance plant uptake, it is recommended that a non ionic surfactant is used at a rate of 200 mL/100 L of water. For optimum results it is best to apply **Sedgehammer** to young, actively growing nutgrass and mullumbimby couch plants in Spring / early Summer. Mature nutgrass plants become difficult to control as they continue to produce nutlets. Applications of **Sedgehammer** must be made consistently to ensure eventual eradication of mature nutgrass plants.

### FEATURES

- Easy to use, quality dry flowable formulation
- Pack sizes that suit your application requirements
- Excellent sedge control capabilities
- Has systemic activity that moves through the plant and removes the sedge's underground growing points
- Safe on almost all turf species used in Australia
- Low active ingredient output
- No odour
- Cost effective

### PACK SIZING

**Sedgehammer** comes in a 25g and 500g easy to pour pack. Left intact in the original package, **Sedgehammer** kept in a cool, dry place can be stored for several years without affecting its performance.

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## KEY WEEDS CONTROLLED

### NUTGRASS (*Cyperus rotundus*)



*Cyperus rotundus* is a perennial plant, that may reach a height of up to 40 cm. The names "nut grass" is derived from its tubers, that somewhat resemble nuts. *Cyperus rotundus* is one of the most invasive weeds known, having spread out to a worldwide distribution in tropical and temperate regions.

### MULLUMBIMBY COUCH (*Cyperus brevifolius*)



*Cyperus brevifolius* is a species of sedge that can be found in warm regions around the world. It is a rhizomatous perennial herb growing one to several erect stems to heights up to about half a meter, but often much shorter. It produces tiny inflorescences of a few spikelets each which in total are less than a centimeter long. It is a weed in wet areas such as drainage lines, poorly drained soils and over shaded sites.

## TURF SAFETY

**Sedgehammer** has excellent turfgrass safety characteristics. Below demonstrates the broad range of grasses sedgehammer can be used on, when compared to other sedge control products

Turfgrass	Sedgehammer	Monument	DSMA
Bentgrass	✓	✗	✓
Buffalo	✓	✗	✓
Carpetgrass	✓	✗	✗
Couch - Common	✓	✓	✓
Couch - Hybrid	✓	✓	✗
Durban Grass	✓	✓	✗
Kikuyu	✓	✗	✗
Perennial Ryegrass	✓	✗	✗
Qld Blue Couch	✓	✗	✗
Tall Fescue	✓	✗	✗

✓ Labelled for use on this grass species ✗ Not labelled for use on this grass species

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