

Management strategies

How to treat

1. Treating isolated patches and limited infestations under eucalypt trees

Use Starane Herbicide to control mother-of-millions present under eucalypt trees. Starane Advanced has no soil residue and will not affect the eucalypt trees.

2. Treating extensive infestations on arable land

Use Grazon Extra as a foliar spray to control mother-of-millions in open areas. Grazon Extra will suppress new seedlings. Encourage pasture growth to help with competition.

3. Treating extensive infestations on hill country

Containment of mother-of-millions to a particular site is the first strategy. The next step is to reduce the infestation by using foliar application on smaller patches first, then moving on to larger patches. It may be beneficial to fence off areas so cattle do not graze these areas during flowering (winter months).



For best results

Use Grazon Extra on mother-of-millions when flowering at 500 mL/100 L of water rate. Add a 100% concentrate non-ionic surfactant (e.g. BS1000®) at 100 mL/100 L of water. When spraying, treat the soil around the mother-of-millions as Grazon Extra has some residual activity in the soil and will control new seedlings up to six months after application.

Use Starane Advanced on seedlings and young plants before flowering at 360 mL/100 L of water with a surfactant. Starane Advanced has no soil residual activity and can be safely used among eucalypt trees. Application technique: use spot spray technique to thoroughly wet leaves and stems to the point of run-off using a hand gun with a D6 nozzle at an operating pressure of 500–800 kPa. A narrow spray jet penetrates the clump and wets stems while leaves are coated using a wider cone. Always spray in a systematic pattern ensuring thorough coverage of each clump before moving to the next.

Treatment tips

Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they die down.

Always use a 100% non-ionic surfactant at the rate of 100 mL/100 L of water.



Mother-of-millions

(*Bryophyllum* spp.)



Grazon[®] Extra

HERBICIDE



Mother-of-millions (*Bryophyllum* spp.)

Description

Mother-of-millions are erect, smooth, fleshy succulent plants growing to 1 m tall or more. All species form tall flower spikes in winter with clusters of bell-shaped flowers. Each species has a distinctive leaf-shape but all produce small plantlets along the edges of the leaves. These plantlets drop readily, develop roots and establish quickly to form a new colony. Of the three species naturalised in Queensland, two produce tall flower spikes in winter and have orange-red bell-shaped flowers that form in clusters at the top of a single stem. The third type, resurrection plant or green mother-of-millions, produces yellowish-green

flowers, usually with a pink tinge that grow in clusters along the upper portion of the stem.

Plant material is poisonous to livestock, flowers are especially toxic if ingested by grazing animals. Cases of cattle poisoning have been reported mainly during drought years when grass was very dry and other green feed unavailable. The main symptoms reported in cattle are scouring or straining, sometimes with evidence of abdominal pain and the faeces blood stained or mucus-covered, with many affected animals dying after two to three days.

Timing

| Product | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Grazon® Extra Herbicide | 🌀 | 🌀 | 🌀 | 🌀 | 🌀 | 🌀 | 🌀 | 🌀 | ✓ | ✓ | ✓ | ✓ |
| Starane® Advanced Herbicide | 🌀 | 🌀 | 🌀 | 🌀 | 🌀 | ✓ | ✓ | ✓ | 🌀 | 🌀 | 🌀 | 🌀 |

KEY:



Best time to spray/treat



Can spray/treat if conditions are suitable

Herbicides for control of mother-of-millions

| Product [#] | Method of application | Rate [†] | State |
|--------------------------------|-----------------------|------------------------------------|-------|
| Grazon® Extra Herbicide | Foliar spray | 500 mL/100 L of water + surfactant | All |
| Starane® Advanced Herbicide | Foliar spray | 360 mL/100 L of water + surfactant | All |

[#] Note: Preferred product option in bold. [†] Consult label for details of growth stage and use, especially where range of rates is given.



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