

# Management strategies

## How to treat

Marshmallow is a strong competitor for nutrients in the soil, especially around crops or pasture, and has been reported as a potential cause of stock death in some cases where there were extensive infestations. Marshmallow tends to grow around water troughs, animal yards and where animals shelter during the day.

### 1. Treating small patches or limited infestations

Marshmallow can be physically removed in smaller patches, especially while the plant is young, as it has a shallow root system and dries out relatively quickly in warm weather.

### 2. Treating more extensive infestations

Where there are well established or extensive infestations, Starane Advanced at a mix rate of 300 mL per 100 L of water (3 mL per 1 L) or Hotshot at a mix rate of 700 mL per 100 L of water (7 mL per 1 L) can be used as a foliar spray with a knapsack or 12 volt sprayer.

Ensure you spray the entire leaf area of the plant, with thorough coverage of the crown (where the stems meet) all the way to the tips. For best results, ensure you treat when marshmallow is actively growing. This will ensure maximum uptake of the chemical into the root system.

### 3. Treating using mechanical control

Cultivation, the process of turning over the soil to expose the plants root system, is an effective control method for small to medium sized infestations. This process is less economic for larger or more well established infestations.

## For best results

For effective control of marshmallow, an integrated approach using a combination of physical and chemical control methods at the right times and growth stages will produce the best results.

## Treatment tips

- Young marshmallow is more susceptible to physical control methods like cultivation or manually removing the plant.
- More established infestations will require the use of chemical herbicide applications.



# Marshmallow

(*Malva parviflora*)



**Starane<sup>®</sup>**

Advanced

HERBICIDE



# Marshmallow (*Malva parviflora*)

## Description

Marshmallow is a semi upright weed that becomes more erect as it matures. It is characterised by rounded, wrinkled leaves with prominent veins, each consisting of five to seven toothed sections. The plant stems are covered in stiff hairs, and produce pale pink or white flowers with five petals each, growing in small clusters in leaf forks or on the stalks.



## Timing

Product	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Starane® Advanced Herbicide	✓	⚙	⚙	✗	✗	✗	⚙	⚙	⚙	✓	✓	✓
Hotshot® Herbicide	✓	⚙	⚙	✗	✗	✗	⚙	⚙	⚙	✓	✓	✓

### KEY:

- ✓ Best time to spray/treat
- ⚙ Can spray/treat if conditions are suitable
- ✗ Do not spray/treat

## Herbicides for control of marshmallow

Product <sup>#</sup>	Method of application	Rate <sup>†</sup>	State
<b>Starane® Advanced Herbicide</b>	Foliar spray	300 mL/100 L of water	All
Hotshot® Herbicide	Foliar spray	700 mL/100 L of water	All
Trezac® Arylex® active Herbicide	Foliar spray	200 mL + 300 mL Starane® Advanced/100 L of water	All

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



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