

# Management strategies

## How to treat

### **Lantana is a weed of national significance.**

The persistent nature of lantana means it is essential to implement a programmed approach, involving management practices and herbicide treatments, over several years. This is because a single treatment may not completely control lantana and some regrowth may occur. Furthermore, if follow-up is not carried out, regrowth may recover to the original level of infestation. Biological control has been tried for the past 50 years with little success.

### **1. Scattered lantana in open areas**

Apply an overall spray with Grazon Extra. Thorough coverage of the plant is essential. Alternatively, apply Access as a basal bark treatment using a low-pressure spray to the stems from ground level to 30 cm above ground level.

### **2. Scattered lantana plants under eucalypt trees**

Apply an overall spray with Starane Advanced.

### **3. Dense lantana covering large areas**

**Year 1.** The first objective is to reduce the biomass of lantana. This is best achieved by mechanical clearing and/or fire. If using fire, sow grass pastures into burnt areas. Only treat as much as you can follow up with herbicide spraying.

**Year 2.** Follow up with overall spraying with Grazon Extra. Any regrowth should be 1 m high before treatment. Plants should be thoroughly wet to the point of run-off. It is advisable also to wet the stems and base around the crown of the plant.

**Year 3.** Inspect the area and spray any regrowth or seedling germination with Grazon Extra.

## For best results

Where the application of other herbicides or slashing has resulted in regrowth, allow at least one year's regrowth to reach 1 m high before treatment.

## Treatment tips

Applied as a foliar spray, thoroughly wet foliage, stems and soil around the base of plants. Grazon Extra and Starane Advanced are sufficiently rainfast that light rain within one hour of application is unlikely to adversely affect results.

When applying Starane Advanced as a foliar treatment, ensure you give full coverage to leaves and stems through a No. 6–8 tip at 700–1500 kPa. A spray volume of 3000 L per infested hectare should be used.



# Lantana

(*Lantana camara*)



**Grazon<sup>®</sup> Extra**

HERBICIDE



# Lantana (*Lantana camara*)

## Description

Lantana is a heavily branched shrub that can grow as compact clumps, dense thickets and as a scrambling and climbing vine. The stems are square with small, recurved prickles along the edges. The leaves are bright green above, paler beneath, about 6 cm long, with rounded, toothed edges. Leaves grow opposite one another along the stem.

Flowers appear most of the year in clustered compact heads about 2.5 cm in diameter.

Flower colours vary from pale cream to yellow, white, pink, orange, red, lilac and purple. Many lantana forms are poisonous to livestock. The toxic components in lantana include the triterpene acids, lantadene A (rehmannic acid), lantadene B and their reduced forms. Most cases of lantana poisoning occur in animals newly introduced into areas where toxic lantana grows. Animals bred on such country rarely show signs of poisoning.

## Timing

Lantana should be sprayed when the plant is actively growing and flowering. This usually occurs between December and April and four to six weeks after a significant rainfall event.

Product	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Starane® Advanced Herbicide	✗	✗	🌀	✓	✓	✓	✓	✓	🌀	✗	✗	✗
Grazon® Extra Herbicide	✗	✗	✗	🌀	🌀	✓	✓	✓	🌀	✗	✗	✗
Trezac® Arylex® active Herbicide	✗	🌀	🌀	✓	✓	✓	✓	✓	🌀	🌀	🌀	✗
Access® Herbicide	✓	✓	✓	✓	✓	✓	✓	✓	✓	🌀	🌀	🌀

### KEY:

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

## Herbicides for control of lantana

Product*	Method of application	Rate†	State
<b>Grazon® Extra Herbicide</b>	Foliar spray	500 to 750 mL/100 L of water	All
Grazon® Extra Herbicide	Foliar spray	350 mL/100 L of water + adjuvant	All
Starane® Advanced Herbicide	Foliar spray	300 or 600 mL/100 L of water	All
Colex-D® Herbicide	Foliar spray	445 mL/100 L of water	All
Trezac® Arylex® active Herbicide	Foliar spray	200 mL + 300 mL Starane® Advanced/100 L of water	All
Access® Herbicide	Basal bark and Cut stump	1:60 with diesel or or Biosafe§	All
Garlon® 600 Herbicide	Basal bark and Cut stump	1:60 with diesel distillate	All
Grazon® Extra Herbicide	Aerial (helicopter only)	1.5 L plus 6 L/ha Amine 625	ACT, NSW, NT, Qld
Grazon® Extra Herbicide	Aerial (helicopter only)	10 L/ha	ACT, NSW, NT, Qld
Vigilant® II Herbicide	Cut stump	Apply neat: 3–5 mm layer	All

# Note: Preferred product option in bold. † Consult label for details of growth stage and use, especially where range of rates is given. Pulse® is a registered trademark of Nufarm Australia Limited. § Biosafe – trademark used under licence, Victorian Chemical Co Pty Ltd.



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