



**Liverpool
Plains**
Shire Council



**Local Land
Services**

North West Regional Best Practice Guide: Parthenium Weed

Botanical Name: *Parthenium hysterophorus*

Common Name: Parthenium Weed

Priority Weeds Objective – Prevention (Whole of State): Parthenium weed has not established self-sustaining populations in NSW and pose a significant biosecurity risk to the state. Prohibiting these weeds from the state to prevent the biosecurity risk posed is a reasonably practical objective.

Parthenium Weed: Adversely affects human and animal health and can cause respiratory problems, severe dermatitis and meat can be tainted, if stock eat the plant within one month of slaughter. Landowners are advised to never touch the plant with bare hands and always use a dust mask if working near the weed for extended periods. Allergic reactions are not always experienced with the first contact with the plant but can develop after a number of exposures. Once a reaction to parthenium weed develops, some individuals may show similar reactions to related plants such as sunflowers. This reaction can be so severe that allergic people can be forced to move away from parthenium weed-infested areas.

*A **general biosecurity duty** applies to all dealings (as defined) with this species. Any person who deals with this species who knows (or ought to know) of any biosecurity risk posed by the plant, a carrier or a dealing, has a duty to ensure the biosecurity risk is prevented, eliminated or minimised, so far as is reasonably practicable.*

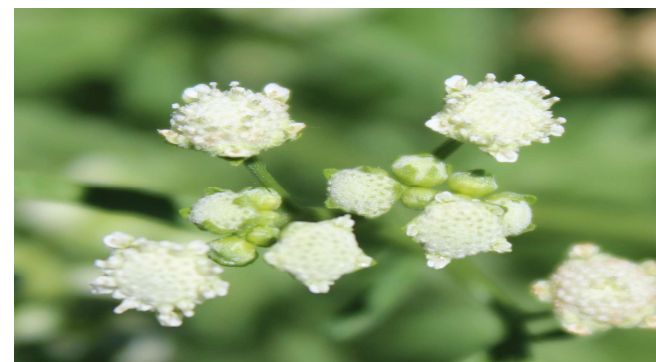


Photo: Mike Whitney

Regional Recommended Measure

Outcomes to demonstrate compliance with GBD

Prohibited Matter (Part 4, Biosecurity Act, 2015) A person who deals with any biosecurity matter that is Prohibited Matter throughout the State is guilty of an offence. A person has a biosecurity duty to ensure that so far as is reasonably practicable, the biosecurity risk posed by prohibited matter is prevented, eliminated or minimised. A person who becomes aware of, or suspects, that a prohibited matter event has occurred, is occurring or is about to occur has a biosecurity duty to **immediately notify** the local control authority about the prohibited matter event.

Mandatory Measure (Division 8, Clause 35, Biosecurity Regulation, 2017)- Parthenium weed carriers-machinery and equipment:

- (1) This clause applies to machinery and equipment as per the regulation
- (2) A person must not import into the State from Queensland any equipment to which this clause applies.

Liverpool Plains Shire Council Local Control Requirements

1. The land is kept free of the plant, and
2. Land managers will mitigate the risk of the plant being introduced to their land.

Penalty for not complying with the general biosecurity duty or a direction issued under the *Biosecurity Act 2015*

The maximum penalty is:

- in the case of an individual—\$220,000 and, in the case of a continuing offence, a further penalty of \$55,000 for each day the offence continues, or
- in the case of a corporation—\$440,000 and, in the case of a continuing offence, a further penalty of \$110,000 for each day the offence continues.

The maximum penalty for an offence that is committed negligently is:

- in the case of an individual—\$1,100,000 and, in the case of a continuing offence, a further penalty of \$137,500 for each day the offence continues, or
- in the case of a corporation—\$2,200,000 and, in the case of a continuing offence, a further penalty of \$275,000 for each day the offence continues.

PARTHENIUM WEED CONTROL CALANDER

JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
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GROWTH CYCLES

SEEDS GERMINATE
FLOWER AND SEED SET
ACTIVE GROWTH

SEEDS GERMINATE
FLOWER AND SEED SET
ACTIVE GOWTH

INTERGRATED CONTROL TECHNIQUES AND ALTERNATIVES

PHYSICALLY REMOVE PLANTS AND DESTROY BY BURNING ANYTIME THROUGHOUT THE YEAR
HERBICIDE USE
FOLLOW UP ANY REGROWTH AS IT APPEARS AND DESTROY BY PHYSICAL REMOVAL OR SPRAY WITH HERBICIDES

Registered Herbicide Application Rates:

Please refer to the NSW DPI Website NSW WeedWise. <https://weeds.dpi.nsw.gov.au> for current up to date permits and Registered Chemicals.
Or to NSW Weed Control Handbook 2018 7th Edition for Chemical Options.

Critical Comments:

- Apply when plants are actively growing.
- Consult your LCA Biosecurity Officer- Weeds for application tips.
- Always read and follow the Label instructions and SDS of respective herbicides.

NOTE:

- (a) All Control Techniques involving herbicide use, must comply with the directions on the herbicide label or the conditions set out in a current permit to use a nominated herbicide.
- (b) All chemical control programs must be carried out in accordance with the *Pesticides Act 1999* and Pesticide Regulation 2017.
- (c) All Chemical application programs used must be undertaken by or be designed and supervised by an appropriately Certified and Accredited Chemical user.
- (d) Growth patterns and the changes to optimum treatment times will vary with seasonal conditions due to air temperature changes that may coincide with soil and moisture availability.

Disclaimer:

This document has been prepared by the North West Regional Weed Committee and Local Government Control Authorities in good faith and on the basis of best available information. Users of this document must obtain their own advice and conduct their own investigations and assessments of their individual circumstances.

Linkage to Plans/Strategies

- North West Regional Strategic Weed Management Plan 2023-2027
- NSW Biosecurity Strategy 2013-2021
- NSW Biosecurity Act 2015
- NSW Invasive Species Plan 2018- 2021
- *Pesticides Act 1999* and Pesticide Regulation 2017

References

- *NSW DPI Website /WeedWise/ NSW Weed Control Handbook 2018 7th Edition*

For Further Information contact:

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