



Plant Pest Update

Sovia sessilis (Bindii, Onehunga)

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Pest Facts - Bindii

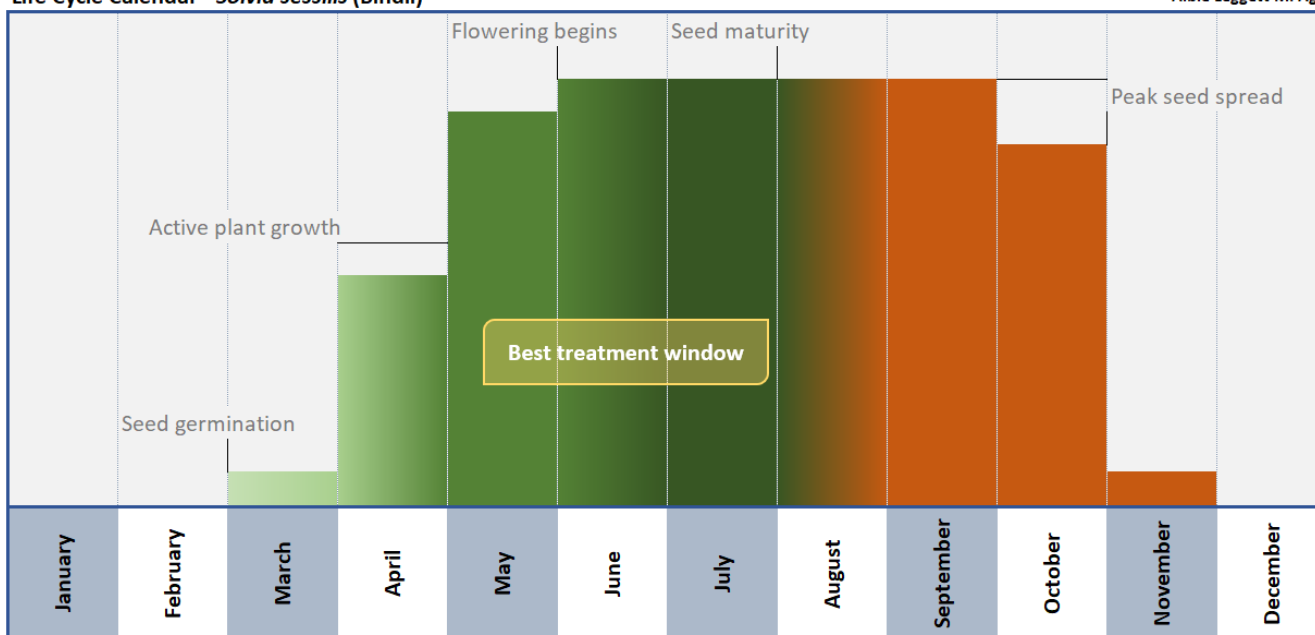
- Synonym - *S. pterosperma*
- A common annual weed species in sports and amenity turf (a member of the Asteraceae family).
- Primary natural means of population spread is by seed only.
- Favours thin and weak turf areas with an open canopy and poor / compacted soil structure.
- Seeds are usually borne in leaf axis and are flattened with a small sharp spine at the tip.
- Previous years seeds begin to germinate in mid-March or Early April.
- Plants grow during Autumn and Winter months and usually reach maturity between late winter (August) through to late Spring (November).
- Flowers are present from late Autumn to late Winter.
- Seeds fully ripen by late August through to late November.



It is important to note that the best time of year to manage Bindii; whether it is through cultural or Chemical means is to target the weed population prior to seed production, whilst the plant is actively growing (see the Life Cycle Calendar).

Life Cycle Calendar - *Sovia sessilis* (Bindii)

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Cultural Management - Bindii

Some of these cultural management practices can be of assistance when trying to reduce a small population. However; some of these mechanisms may not always be practical for large scale / broad acre infestations.

- Hand removal of individual plants (small populations only).
- Cultivate and improve soil structure, aeration and drainage.
- Restrict traffic through infested areas in order to minimise seed dispersal.

Chemical Management - Bindii

Chemical application is usually required in order to provide successful long-term management of a large infestation of Bindii.

In many local government situations with Passive and / or Amenity areas such as playgrounds and other designated public access green space, there are sensitive issues around Mandatory Label Re-entry Periods and various other label requirements that may be applicable to these areas. It is important to consult the APVMA approved product label with all registered herbicides prior to usage.

Please note that with all herbicides, it is extremely important to understand their turf safety in order to choose the most suitable product for a specific situation. This information is often found on the APVMA approved product label.

See the table below of herbicides with a label registration for Bindii - *S. sessilis*

Figure 1: Table of Herbicides with a label registration for Bindii

Product Name	Active Ingredient	Label Rate per ha	FRAC Code	Manufacturer
Casper	Prosulfuron / Dicamba	0.8-1.2kg	BI	Syngenta
Spearhead	Diflufenican / Clopyralid / MCPA	5L	FI	Bayer
Bow and Arrow	Diflufenican / Clopyralid / MCPA	5L	FI	Turf Culture
Stadium	Diflufenican / Clopyralid / MCPA	5L	FI	Adama
Monument	Trifloxysulfuron sodium	0.255L	B	Syngenta
Destiny	Iodosulfuron methyl sodium	0.1kg	B	Bayer
Broadside	MCPA / Bromoxynil / Dicamba	4-5L	CI	Nufarm
Fairway	MCPA / Bromoxynil / Dicamba	4-5L	CI	Adama
Bronco Ma-X	Bromoxynil / MCPA	4.3L	CI	Adama
Methar-Tri-Kombi	Mecoprop / 24-D / Dicamba	4.2L	I	Campbells



For more information, please contact

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