

Mouse-ear hawkweed season snapshot 2019-20

NSW hawkweed eradication program



ERADICATION IS ON TARGET



- Seed longevity is approximately **3** years
- No plants for >3 years at **36%** of known locations
- Eradication possible at **44%** of sites by 2020-21



Only **1** new site, containing a single plant, was found by a Hawkweed field officer



80 people involved, including **30** volunteers



1260 volunteer hours over **7** weeks



Surveying more - Finding less

- Total area surveyed = **113ha**
- Detected only **0.6m²** of hawkweed plants
- Only **1 new site** found, adjacent to a known site
- Field team surveyed **640km**
- Staff and volunteers walked on average **80km** per week

'Just wanted to say a massive thanks for helping to organise a wonderful week for us volunteers. I had a great time and learned so much.'

Michelle, hawkweed volunteer



January 2020 bushfires and COVID-19 restrictions impacted on program delivery

NEW TECHNOLOGIES ARE KEEPING ERADICATION ON TRACK



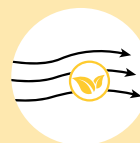
Partnering with Wollongong University to prevent seed spread by improving hygiene with visitor surveys and behaviour change strategies.



Weed eradication detector dogs surveyed **336km** and found plants at a known site.



Partnering with Fujitsu to find plants from above by trialling new remote detection techniques including multispectral imagery.



1 monitoring station deployed to collect wind speed and direction data to model long-distance hawkweed seed dispersal.

Supported by:

NSW Department of
Primary Industries

South East Local
Land Services

Murray Local
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Snowy Monaro
Regional Council

NSW
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