



Weed Program 2023-24 Financial Year

Ivan Cafarella

Weed Program Funding Streams



Department of
Transport and Main Roads



Seqwater Weeds Program Summary

- Program has been running for 8 years
- Sites managed within the Lake Baroon catchment area (with a buffer zone)
- Targeting Madeira Vine, Cats Claw Vine & Celtis
- 306 infestations undergoing treatment and/or monitoring
- 213 sites treated in 2023-24
- 93 sites under monitoring



2023-24 Project Outcomes- Madeira Vine

- Project aim- containment to a level that the threat to riparian zones is minimal
- Up to 10 years of management to control
- 5.5 ha of Madeira Vine under management with total expenditure of \$73,492
- Reduction in vine density by 85%
- Reduction in infestation size by 60%
- 306 sites at various stages of treatment
 - 10% Initial treatment phase (new sites)
 - 60% Intermediate treatment Phase
 - 30% Final treatment phase/monitoring



Mac Farm Madeira Infestation



Initial treatment August 2022

Drone image October 2024

Mac Farm Initial treatment August 2022





Initial treatment August 16th 2023

Witta Rd, Witta



Follow-up visit December 21st 2023



Figure 1. Study sites in the tropical forest.

- 0.5 ha (15 sites) of Cats Claw under management
- Limited number of infestations within the catchment
- Ongoing monitoring essential, particularly with 2 new infestations discovered
- Total expenditure \$4,100



- Celtis management focussed on small to medium trees
- Celtis targeted on existing Madeira and Cats Claw sites
- Cost effective approach to reduce the number of Celtis
- Assist landholders who require support with Celtis management



Healthy Land & Water Vine Weeds Program

- Targeting Upper Stanley catchment area
- \$9,545 Funding leftover from 2021-22
- 9 Madeira infestations (0.5 ha costing \$8,590)
- 2 Cats Claw infestation (0.1 ha costing \$955)
- Most heavily infested sites prioritised





Ferris Lane- April 2023



Ferris Lane- October 2023

- Not catchment specific
- Limited to main roads
- ~45km (18 ha) of roadside infestations managed at a cost of \$7500
- 18 sites- managed with TMR funding (remaining in-catchment sites treated with Seqwater funding)





Giant Rats Tail treated on road verge (Landsborough-Maleny Rd)



Gearney- Bacopa (North Maleny)