Strategic pest management: controlling and managing weeds and pests in the Mackay Whitsunday region (mimosa pigra management)

Project summary

Proponent: Reef Catchments (Mackay Whitsunday Isaac) Ltd

Value: $162,209

Project duration: 1 October 2013 – 30 June 2016

Project description

This project will eradicate mimosa pigra, a class 1 weed, from the Mackay Whitsunday Isaac region. Mimosa pigra presents a significant threat to the region. It is considered to be the highest priority under the Mackay Regional Pest Management Plan and state government legislation.

This project has been developed in partnership with the Queensland Mimosa pigra Stakeholder Group and will look to implement the priority activities listed in the Mimosa pigra Eradication Plan developed for Lake Proserpine. This project is on track to be the first infestation of mimosa pigra eradicated in Australia.

This project will be delivered through on-ground activities in conjunction with the Department of Agriculture and Fisheries with in-kind support from Whitsunday Regional Council, Queensland Mimosa pigra Stakeholder Group and the Mackay Regional Pest Management Group.

This project will be implemented across two sub-catchments: the Upper Proserpine River Catchment and the Proserpine River Catchment, with 40 hectares of survey and control activities taking place.

The project will undertake the following activities.

- Survey of Lake Proserpine and downstream environment.
- Control of germinated mimosa pigra seedlings.
- Control feral pigs around Lake Proserpine.
- Coordinate the mimosa pigra stakeholder group.
- Provide support for DNA monitoring at the lake and downstream environments.
- Provide ongoing awareness of the weed in the region.
Project outcomes

Long-term outcomes (5-10 years)
- Priority landscapes have improved resilience to weed and pest impacts.
- The condition, physical stability and resilience of the natural resource base for agriculture is protected and improved to secure and increase resource availability and productivity.
- The condition, physical stability and resilience of waterways, wetlands and the Great Barrier Reef lagoon is protected and maintained.

Intermediate outcomes (3-5 years)
- The detrimental economic, social and environmental impacts from weeds and pests are reduced.
- Pest and weed surveillance (40 hectares) of Lake Proserpine and the Proserpine River.

Further information

For further information on the ‘Strategic pest management: controlling and managing weeds and pests in the Mackay Whitsunday region (mimosa pigra management)’ project, please contact Reef Catchments (Mackay Whitsunday Isaac) Ltd.
Reef Catchments (Mackay Whitsunday Isaac) Ltd: Strategic pest management - controlling and managing mimosa pigra in the Mackay Whitsunday Region

Legend
- Towns
- Waterways
- Pest Management: mimosa pigra
- Reef Catchments

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Coordinate System: GCS GDA 1994
Datum: SDA 1994
Units: Degrees

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