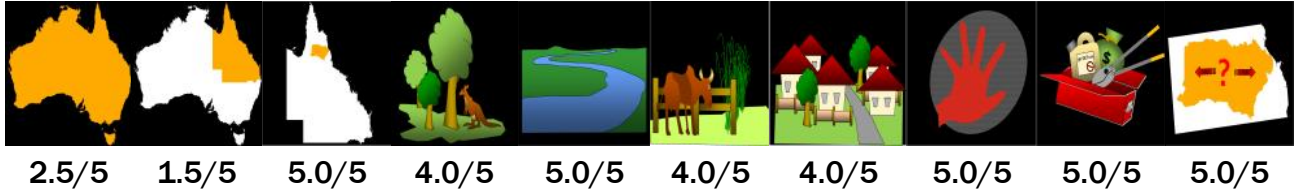


Salvina molesta (Salvinia)



Priority



Details

Description: A floating fern with small, coarsely hairy oval leaves which repel water. As the plant matures it turns from bright green to brown and bunches up into tight rafts. Salvinia reproduces by rapidly dividing into smaller plants which will quickly cover waterways particularly in slow moving or ponded water.

Distribution: A single infestation in the upper Normanby catchment in the Mount Poverty area is under management toward eradication. An extensive infestation in Honey Dam was successfully eradicated and is now under monitoring to ensure re-introduction does not take place. Salvinia is a common weed in several Wet Tropics basins and re-introduction sources may include watercraft, aquariums or gardens.

Impacts: It floats on still or slow-moving water and can grow rapidly to cover the entire water surface with a thick mat of vegetation. This shades out any submerged plant life and impedes oxygen exchange impacting on fish and aquatic organisms.

Key projects: An eradication project is underway at Mount Poverty in the upper Normanby catchment. Report any suspect plants to Cook Shire Council on 07 4069 5444.

Management requirements

Prevention

Salvinia is most likely to grow in freshwater creeks and in wetlands but it may also be found in water features and aquariums. Salvinia is most likely to be moved by people in association with water plants, aquariums or watercraft. Salvinia does not produce seeds or spores and spreads by division and fragments of existing plants.

The extensive freshwater wetlands of Cape York, particularly places like Rinyiru are at significant risk to Salvinia which is difficult to control in natural systems. The best management strategy to protect Cape York is prevention.

Keep an eye out for Salvinia in any natural or man made freshwater ponds or features and report any suspect plants to Cook Shire Council on 07 4069 5444.

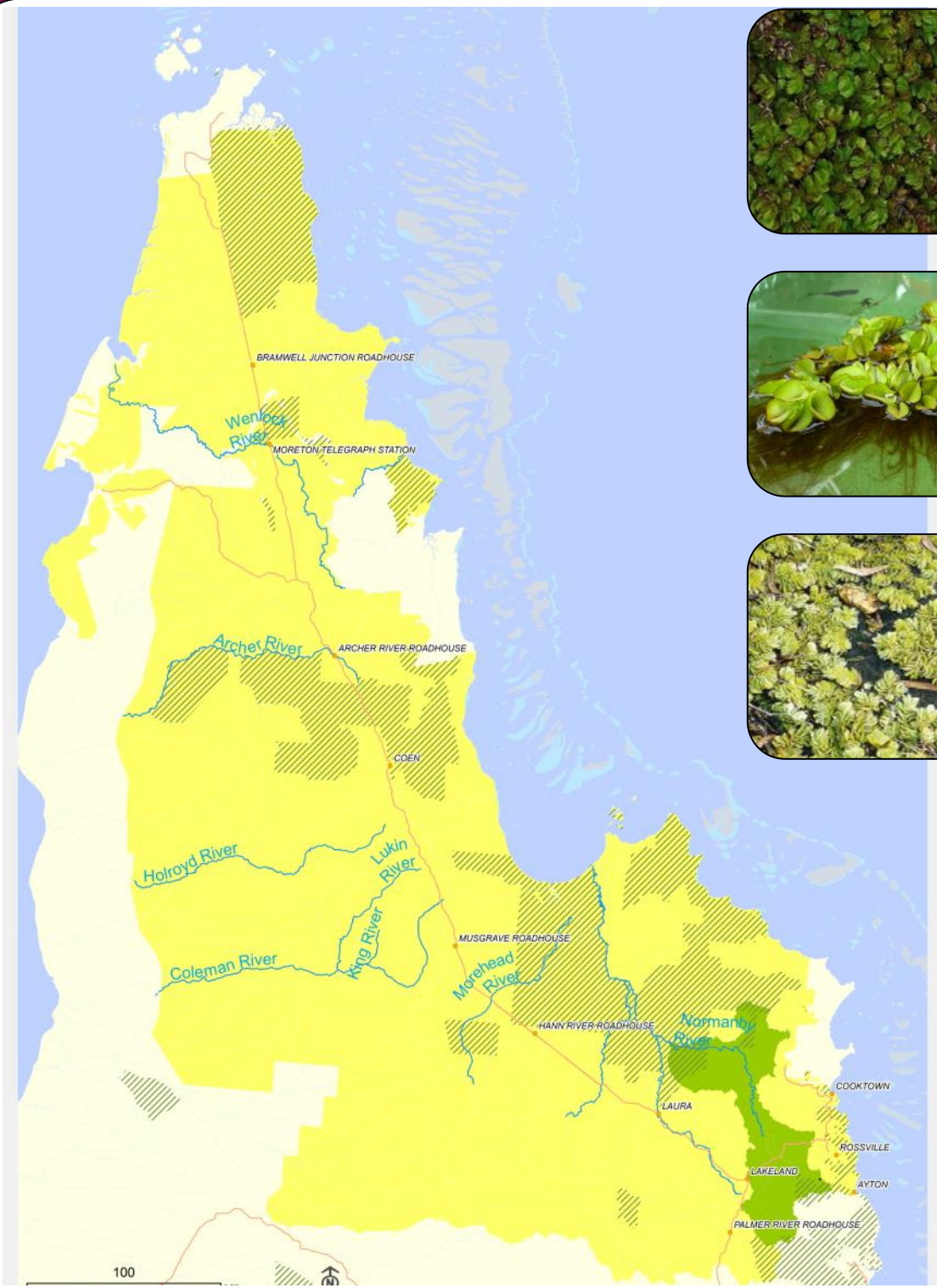
Eradication

South Cape York Catchments and Jabalbina are working on the complete eradication of Salvinia from the upper Normanby with support from Biosecurity Queensland and Cook Shire Council.

A community based program led by South Cape York Catchments successfully eradicated a significant infestation of Salvinia from Honey Dam. The infestation area is still under monitoring to ensure reintroduction does not occur. Report any suspect plants to Cook Shire Council on 07 4069 5444.

Control Calendar

flower	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
vegetative	●	●	●	●	●	●	◐	○	◐	●	●	●
spray	●	●	●	●	●	●	◐	○	◐	●	●	●
manual	●	◐	○					○		◐	●	●
biocontrol	●	●	●	●	●	●	◐	○	◐	●	●	●
	J	F	M	A	M	J	J	A	S	O	N	D
Biology		●	●		●	●		○		○	○	○
Control		Optimal	Peak		Good	First/last flush		Marginal		Occasional	n/a	Not recommended







- floating
- aquatic
- perennial

Category

- 2
- 3
- 4
- 5
- 6

Control

- 
- 
- 
- 

Spread

- 
- 

What is my biosecurity obligation?

Prevention zone

Eradication zone

Salvinia is most likely to be moved by people - The *General Biosecurity Obligation* requires that all people ensure they do not act in a way which increases the risk posed by biosecurity matter. Report any suspected outbreaks or detections to Cook Shire Council on 07 4069 5444.

South Cape York Catchments and Jabalбина are working on the complete eradication of Salvinia from the upper Normanby with support from Biosecurity Queensland and Cook Shire Council. Report any suspected outbreaks or detections to Cook Shire Council on 07 4069 5444.

For more information on management aims in each zone refer to *Using the pest plan templates*