

## Raingarden plants

Selecting the appropriate plant species and planting density is fundamental for raingarden performance.

The plants take-up nutrients from the soil and provide a complex root system on which biofilms grow. Bacteria in the biofilms are essential for the removal of nutrients that are naturally present in stormwater.

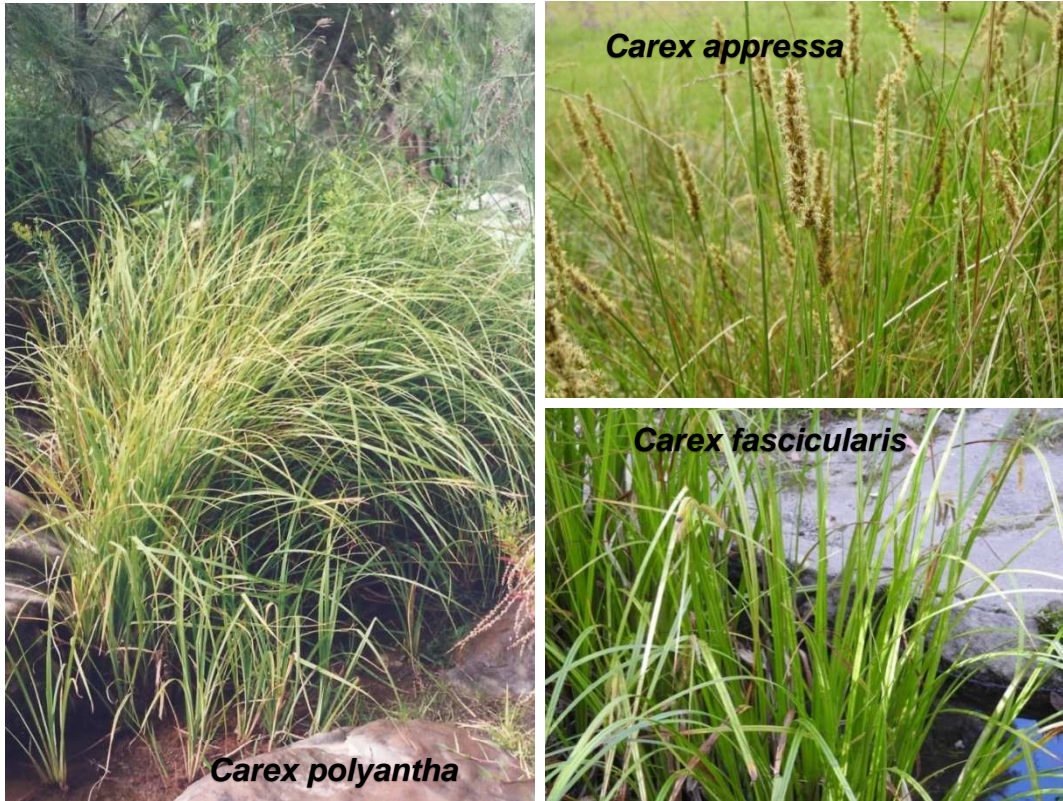
To maximise raingarden plant growth and survival during wet and dry periods it is important to plant several species, as slight variations in soil type and soil moisture are preferred by each species. Plants serve multiple roles including providing amenity, habitat and biodiversity.

**Table: List of raingarden native plant species & planting densities**

Groundcover	Species Name	Common Name	Planting density /m <sup>2</sup>
sedge	<i>Carex appressa</i>	tall sedge	10
sedge	<i>Carex fascicularis</i>	tassel sedge	10
sedge	<i>Carex polyantha</i>	creek sedge	10
sedge	<i>Cyperus exaltatus</i>	tall flatsedge	6
rush	<i>Ficinia nodosa</i>	knobby club rush	6
rush	<i>Juncus kraussii</i> (suitable for salty conditions)	sea rush	8
herb	<i>Dianella caerulea</i>	blue flax-lily	6
herb	<i>Lomandra longifolia</i> Llabil	spiny-headed mat-rush	6
herb	<i>Lomandra hystrix</i>	creek matrush	6
herb	<i>Lomandra longifolia</i> LM 300 "tanika"	tanika	6
herb	<i>Lomandra longifolia x confertifolia</i> subsp. <i>Pallida</i> "lime tuff"	lime tuff	6
grass	<i>Poa labillardierei</i> Steud.	tussock	8
grass	<i>Themeda triandra</i>	kangaroo grass	10

If the raingarden is less than 10m<sup>2</sup> select a minimum of two (2) species from the table above and plant the raingarden at specified densities. Owners have the option to plant 50% of the raingarden with a minimum of two (2) species listed in the table above at the specified densities, and plant the remaining area with native species of the owners choice at a density of 6 per square metre.

If the raingarden is 10m<sup>2</sup> or larger select a minimum of three (3) species listed above and plant 100% of raingarden at the specified densities. There is no option for the owner to select their own species once the raingarden is over 10m<sup>2</sup>.



Examples of raingarden plant species, clockwise from top left: *Carex polyantha*, *Carex appressa*, *Carex fascicularis*



Raingarden on a dual occupancy in Tuncurry containing *Lomandra* spp. and surrounded by other native species to integrate into the landscaping

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