



# SOUTHERN WOODS PLANT NURSERY



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## Info 16: PLANTING FOR EFFLUENT RUNOFF

The following plants are suitable for the Canterbury area. Maximum heights and spreads are approximate only, and will differ in different situations, soils and aspects.

Botanical Name	Common Name	Max Height	Max Spread
<i>Aristotelia serrata</i>	Wineberry	6	3
<i>Carex comans</i>	Ornamental Grass	0.5	1
<i>Carex secta</i>	Large Green Sedge	1.5	1.5
<i>Carex trifida</i>	Ornamental Sedge	1	1
<i>Carex virgata</i>	True Wetland Sedge	1	1
<i>Carpodetus serratus</i>	Marble Leaf	7	4
<i>Chionochloa conspicua</i>	Snow Grass	1	1.5
<i>Chionochloa rubra</i>	Red Tussock	1	1.5
<i>Coprosma propinqua</i>	Mingimingi	5	2.5
<i>Coprosma robusta</i>	Karamu	5	4
<i>Cordylina australis</i>	Cabbage Tree	10	2
<i>Cortaderia richardii</i>	Toe Toe	2	2
<i>Cyperus ustulatus</i>	Giant Umbrella Sedge	1	0.6
<i>Dacrycarpus dacrydioides</i>	White Pine	50	5
<i>Eucalyptus gregsoniana</i>	Wolgan Snow Gum	6	4
<i>E. lansdowneana ssp albopurpurea</i>	Crimson Mallee	6	4
<i>Eucalyptus lingustrina</i>	Privit-leaved Stringybark	6	4
<i>Eucalyptus moorei</i>	Narrow-leaved Sally	4	3
<i>Eucalyptus ovata</i>	Swamp Gum	20	6
<i>Griselinia littoralis</i>	Broadleaf	5	2.5
<i>Hebe spp</i>			
<i>Hoheria populnea</i>	Lacebark	8	3
<i>Leptospermum scoparium</i>	Manuka	4	3
<i>Melicytus ramiflorus</i>	Whiteywood	8	2.5
<i>Nothofagus fusca</i>	Red Beech	30	5
<i>Pennantia corymbosa</i>	Bellbird Tree	8	3
<i>Phormium spp</i>	Flax		
<i>Pittosporum colensoi</i>	Black Mapou	5	3
<i>Pittosporum tenuifolium</i>	Kohuhu	6	3
<i>Plagianthus divaricatus</i>	Swamp Ribbonwood	2	2
<i>Plagianthus regius</i>	Ribbonwood	12	3
<i>Pseudopanax arboreus</i>	Fivefinger	6	3.5
<i>Sophora microphylla</i>	Kowhai	8	3
<i>Uncinia uncinata 'Rubra'</i>	Red-leaved Grass	0.3	0.3

***Other Species not generally stocked by Southern Woods:***

Canna Lillies

Taro (*Colocasia esculenta*)

Aralia

Fuschia

Philidendrons

Begonias

Please note that this is by no means a complete list of appropriate plants to use in such situations. The majority of plants will be fine in a run-off area, and it is the minority which won't – poplars, willows and birches are the most important ones to avoid.

For more useful information from RX Plastics on Evapo-transpiration Systems and planting, visit [www.rxplastics.co.nz/index.cfm/1,21,0,45.html/Airtech](http://www.rxplastics.co.nz/index.cfm/1,21,0,45.html/Airtech). General comments from Oasis Clearwater Environmental Systems is that if you are planting along a boundary fence, the drip line is normally staked to the ground and then covered with 150mm of mulch. They recommend that the drip line is NOT buried beside the boundary and planted with trees such as poplars, willows, birchs, as the roots can get into the drip line. They recommend native grasses and other small manageable species such as those listed in the table above.

If a site is wet, you will also be limited as to which large trees/plants you can use, as the roots will tend to be shallow rather than deep (not needing to go deep in search of water), and this may lead to possible toppling.