

# Electrified Rail

## Vegetation Planting Guidelines



The Vegetation Planting Guidelines below have been prepared to assist in adapting and maintaining the landscapes adjacent to electrified rail corridors.

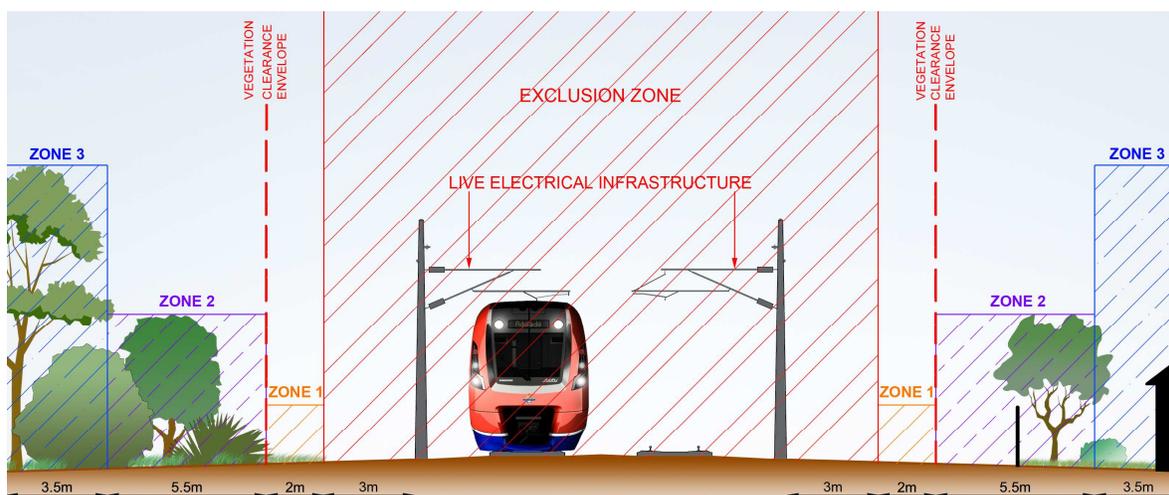


DIAGRAM 1: VEGETATION ZONES ADJACENT TO ELECTRIFIED RAIL CORRIDORS

In order to provide a landscaped environment in proximity to the electrified rail corridor while maintaining safety, the following guidelines for new plantings apply:

- The **EXCLUSION ZONE**: 3 metres (in any direction) from the 'live' electrical infrastructure. This area will be kept free of all vegetation.
- The **VEGETATION CLEARANCE ENVELOPE**: 5 metres from the 'live' electrical infrastructure. This envelope will be regularly cleared of any vegetative material by DPTI to safely maintain the Exclusion Zone.
- **ZONE 1**: The maintenance zone between 3 and 5 metres of the 'live' electrical infrastructure. Plantings will be at the discretion of DPTI and will be limited to low groundcovers or grasses.
- **ZONE 2**: Between 5 and 10.5 metres from the 'live' electrical infrastructure. Vegetation species will not exceed 5 metres high and 5 metres wide when mature.
- **ZONE 3**: Between 10.5 and 14 metres of the 'live' electrical infrastructure. Vegetation species will not exceed 9 metres high and 9 metres wide when mature.

In selecting plant species for the vegetation zones adjacent and beyond the electrified rail corridor, it is important for local councils and adjacent residents to consider the planting location given the mature species height and width to prevent growth into the **VEGETATION CLEARANCE ENVELOPE** and **EXCLUSION ZONE**.

### Suggested Vegetation Species

The following tables provide suggested vegetation species that may be planted appropriately in the vegetation zones adjacent to the electrified rail corridor. Additional species may be appropriate depending on their growth form.

Individual local councils may have specific planting requirements for your area. Please consult your local council prior to planting.

#### ZONE 2 SUGGESTED VEGETATION SPECIES (Plant species that do not exceed 5m high and wide)

INDIGENOUS IN S.A.	NATIVE	EXOTIC
<i>Acacia acinacea</i> (Gold Dust Wattle)	<i>Dianella species</i> (Flax Lily)	<i>Albelia x grandiflora</i> (Glossy Abelia)
<i>Acacia paradoxa</i> (Kangaroo Thorn)	<i>Banksia ornata</i> (Desert Banksia)	<i>Ceanothus species</i> (Californian lilacs)
<i>Bursaria spinosa</i> (Christmas Bush)	<i>Correa species</i> (Correas)	<i>Metrosideros excelsa</i> (New Zealand Christmas Tree)
<i>Dodonaea viscosa</i> (Sticky Hop Bush)	<i>Callistemon 'Captain Cook'</i> (Bottlebrush)	<i>Murraya species</i> (Murraya)
<i>Eremophila species</i> (Emu bush)	<i>Alyogyne species</i> (Native hibiscus)	<i>Photinia species</i> (Photinia)
<i>Hardenbergia violacea</i> * (Native lilac)	<i>Kennedia nigricans</i> * (Black Coral Pea)	<i>Raphiolepis indica</i> (Pink Hawthorn)
<i>Olearia ramulosa</i> (Twiggy Daisy Bush)	<i>Senna species</i> (Cassias)	<i>Trachelospermum jasminoides</i> * (Star Jasmine)
<i>Rhagodia parabolica</i> (Mealy Saltbush)	<i>Westringia species</i> (Native rosemary)	<i>Viburnum species</i> (Viburnum)

#### ZONE 3 SUGGESTED VEGETATION SPECIES (Plant species that do not exceed 9m high and wide)

INDIGENOUS IN S.A.	NATIVE	EXOTIC
<i>Acacia melanoxylon</i> (Blackwood)	<i>Adenanthos sericeus</i> (Woolly Bush)	<i>Elaeocarpus reticulatus</i> (Blueberry Ash)
<i>Allocasurina verticillata</i> (Drooping Sheoak)	<i>Banksia integrifolia</i> (Coastal Banksia)	<i>Fraxinus griffithii</i> (Ash)
<i>Banksia marginata</i> (Silver Banksia)	<i>Callistemon 'Harkness'</i> (Gawler Hybrid Bottlebrush)	<i>Jacaranda mimosifolia</i> (Jacaranda)
<i>Calltris gracillis</i> (Southern Cypress Pine)	<i>Corymbia ficifolia 'dwarf forms'</i> (Red Flowering Gum)	<i>Lagerstroemia species</i> (Indian Summer Crepe Myrtle)
<i>Eucalyptus incrassata</i> (Ridge Fruited Mallee)	<i>Cupaniopsis anacardioides</i> (Tuckeroo)	<i>Melia azedarach</i> Seedless Form (White Cedar)
<i>Melaleuca decussata</i> (Cross Leaf Honey Myrtle)	<i>Eucalyptus leucoxylon 'eucy dwarf'</i> (Dwarf Blue Gum)	<i>Pistacia chinensis</i> (Chinese Pistachio)
<i>Myoporum monatum</i> (Native Myrtle)	<i>Eucalyptus torquata</i> (Coral Gum)	<i>Pyrus species</i> (Ornamental Pear)
<i>Pittosporum angustifolium</i> (Native Apricot)	<i>Hymenosporum flavum</i> (Native Frangipani)	<i>Sophora japonica</i> (Japanese Pagoda)

\* Climber

For further questions regarding planting in your local area please contact your local council or the Local Government Association 8224 2000.