

Planting Guide for Kangaroo Island Integrated Pest Management



Planting Guide for Kangaroo Island Integrated Pest Management

Integrated pest management (IPM) is a balanced, tactical approach to managing diseases, insects, weeds, and other pests using a wide range of pest control strategies or tactics. It involves taking action to anticipate pest outbreaks and to prevent potential damage to pastures and crops. The goal of IPM is not eradication but to prevent pests from reaching economically or aesthetically damaging levels with the least risk to the environment. IPM programs are very site-specific. IPM is based on the identification of pests, accurate measurement of pest populations, assessment of damage levels, and knowledge of available pest management strategies or tactics that enable the grower to make intelligent decisions in controlling pests.

The following list provides a guide to local native flowering plants (angiosperms) of Kangaroo Island that can be planted to attract beneficial insects (pollinators and predators) to support IPM approaches.

The Kangaroo Island Native Plant Nursery grows over 100 different species of KI native plants, which can be used for increasing biodiversity, revegetating land, windbreaks, and shelterbelts. To find out which species will best suit your property contact the Nursery Manager who will also be able to assist with advice what best to plant where to suit the soils and conditions of your property and planting strategies that will maximise success.

For larger orders, Nursery staff will collect seeds from around the area where the plants are to be grown, to ensure that provenance is continued. Plants grown from provenance seed have excellent survival rates as their genetics are adapted to tolerate those particular environmental conditions.




The Kangaroo Island Native Plant Nursery is located at 22b Telegraph Road, Kingscote. Enquiries can be made at any time of year to the Nursery Manager by calling 0437 322 692 or emailing kinativeplantnursery@sa.gov.au




This guide was supported by the Kangaroo Island Landscape Board, through funding from the Australian Government.







Australian Government









Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Tree	<i>Acacia</i>	<i>dodonaefolia</i>	hop leaved wattle	yes	yes	2–5	2–5	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>longifolia</i> var. <i>sophorae</i>	coastal wattle	yes	yes	2–5	4–8	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>provincialis</i>	swamp wattle	yes	yes	5–10		yellow	Spring–Summer	yes
	<i>Acacia</i>	<i>pycnantha</i>	golden wattle	yes	yes	4–6	2–6	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>uncifolia</i>	coast wirilda	yes	yes	5–10	2–4	yellow	Spring	yes
	<i>Allocasuarina</i>	<i>striata</i>	small bull oak	yes		1.5–4	1–3	insignificant	Spring	yes
	<i>Allocasuarina</i>	<i>verticillata</i>	drooping sheoak	yes		5–8	4–6	red	Autumn–Winter	yes
	<i>Banksia</i>	<i>marginata</i>	silver banksia	yes	yes	2–8	1–5	yellow	Spring–Autumn	yes
	<i>Eucalyptus</i>	<i>albopurpurea</i>	Port Lincoln mallee	yes	yes	4–12	4–8	white/pink	Winter–Summer	yes
	<i>Eucalyptus</i>	<i>baxteri</i>	brown stringybark	yes	yes	6–25	6–15	white	Summer–Autumn	yes
	<i>Eucalyptus</i>	<i>camaldulensis</i> ssp. <i>camaldulensis</i>	river red gum	yes	yes	20–30	10–15	white	Summer	yes
	<i>Eucalyptus</i>	<i>cladocalyx</i>	sugar gum	yes	yes	15–40	12–30	cream	Summer	yes
	<i>Eucalyptus</i>	<i>cneorifolia</i>	K.I. narrow-leaved mallee	yes	yes	7–12	7–10	cream	Summer–Autumn	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Tree	<i>Eucalyptus</i>	<i>cosmophylla</i>	cup gum	yes	yes	3–8	5–10	cream	Autumn–Winter	yes
	<i>Eucalyptus</i>	<i>diversifolia</i>	SA coastal white mallee	yes	yes	2–10	2–8	cream	Winter–Spring	yes
	<i>Eucalyptus</i>	<i>fasciculosa</i>	pink gum	yes	yes	5–18	5–12	cream	Summer–Autumn	yes
	<i>Eucalyptus</i>	<i>gracilis</i>	yorrell, white mallee	yes	yes	3–12		white	Summer–Spring	yes
	<i>Eucalyptus</i>	<i>leptophylla</i>	narrow-leaved red mallee	yes	yes	2–6	3–8	cream	Autumn–Spring	yes
	<i>Eucalyptus</i>	<i>leucoxylon</i> ssp. <i>leucoxylon</i>	SA blue gum	yes	yes	8–30	8–25	cream/pink	Autumn–Winter	yes
	<i>Eucalyptus</i>	<i>obliqua</i>	messmate stringybark	yes	yes	4–30		cream		yes
	<i>Eucalyptus</i>	<i>odorata</i>	peppermint box	yes	yes	>10	>10	cream	All year	yes
	<i>Eucalyptus</i>	<i>oleosa</i> ssp. <i>ampliata</i>	red mallee	yes	yes	3–12	3–12	white	Winter–Spring	yes
	<i>Eucalyptus</i>	<i>ovata</i>	swamp gum	yes	yes	5–17		white	All year	yes
	<i>Eucalyptus</i>	<i>phenax</i> ssp. <i>compressa</i>	white mallee	yes	yes	3–7	3–5	cream	Summer–Autumn	yes
	<i>Eucalyptus</i>	<i>rugosa</i>	Kingscote mallee	yes	yes	4–8	4–5	cream	Summer	yes
	<i>Eucalyptus</i>	<i>remota</i>	Mount Taylor mallee	yes	yes	3–4		white	Summer	yes




Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Tree	<i>Eucalyptus</i>	<i>viminalis</i>	manna gum	yes	yes	4–35		white		yes
	<i>Melaleuca</i>	<i>cuticularis</i>	salt water paper-bark	yes	yes	1–7		white/cream	Spring–Summer	yes
	<i>Melaleuca</i>	<i>halmaturorum</i>	swamp paper-bark	yes	yes	2–7		white	Spring	yes
	<i>Melaleuca</i>	<i>lanceolata</i>	dryland tea tree	yes	yes	3–8	3–5	cream	Spring–Summer	yes
	<i>Myoporum</i>	<i>insulare</i>	common boobialla	yes	yes	3–5	3–5	white	Spring	yes
	Shrub	<i>Acacia</i>	<i>acinacea</i>	round-leaved wattle	yes	yes	1–2	1–2	yellow	Winter–Spring
	<i>Acacia</i>	<i>brachybotrya</i>	grey wattle	yes	yes	1–3	1–4	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>cupularis</i>	coastal umbrella bush	yes	yes	2–3	2–3	yellow	Spring	yes
	<i>Acacia</i>	<i>euthycarpa</i>	reed-leaf wattle	yes	yes	2–4		yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>leiophylla</i>		yes	yes	1–2.5	1–3	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>myrtifolia</i>	myrtle wattle	yes	yes	1–2	1–2	yellow	Spring	yes
	<i>Acacia</i>	<i>paradoxa</i>	prickly wattle	yes	yes	2–4	3–4	yellow	Spring	yes
	<i>Acacia</i>	<i>rupicola</i>	rock wattle	yes	yes	1–2.5		yellow	Winter–Spring	yes



Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Shrub	<i>Acacia</i>	<i>spinescens</i>	spiny wattle	yes	yes	0.5–2	1–2	yellow	Winter–Spring	yes
	<i>Acacia</i>	<i>triquetra</i>	gold dust wattle	yes	yes	1–2	2–3.5	yellow	Spring	yes
	<i>Adriana</i>	<i>quadripartita</i>	coastal bitter bush	yes	yes	1–2	1–3	red	Spring–Summer	
	<i>Allocasuarina</i>	<i>muelleriana</i> ssp. <i>muelleriana</i>	common oak-bush/ slaty sheoak	yes		1–3	2–3	insignificant	Spring–Summer	yes
	<i>Allocasuarina</i>	<i>muelleriana</i> ssp. <i>notocolpica</i>	common oak-bush/ slaty sheoak	yes		1–3	2–3	insignificant	Spring–Summer	yes
	<i>Banksia</i>	<i>ornata</i>	desert banksia	yes	yes	2–3	2–3	yellow	Winter–Spring	yes
	<i>Beyeria</i>	<i>leschenaultii</i>	pale turpentine bush	yes		1	0.5–1	yellow	Spring	
	* <i>Bursaria</i>	<i>spinosa</i> ssp. <i>spinosa</i>	Christmas bush	yes	yes	2–4	1–3	white	Spring–Summer	yes
	<i>Callistemon</i>	<i>rugulosus</i>	scarlet bottlebrush	yes	yes	2–4	3–4	red	Summer	yes
	<i>Calytrix</i>	<i>tetragona</i>	fringe myrtle	yes	yes	1–2	1–2	pink	Spring	
	<i>Correa</i>	<i>pulchella</i>		yes	yes	1	1	white	Winter	yes
	<i>Correa</i>	<i>reflexa</i>	native fuchsia	yes	yes	0.5–1	1	red/ orange	Winter–Spring	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Shrub	<i>Eutaxia</i>	<i>diffusa</i>	spreading mallee-pea	yes		0.5–1	1–1.5	brown/ yellow	Spring	
	<i>Eutaxia</i>	<i>microphylla</i>	mallee bush-pea	yes		0.5–2	2	brown	Spring	
	<i>Daviesia</i>	<i>brevifolia</i>	leafless bitter-pea	yes	yes	0.6–1.5	0.5–1	orange	Spring	
	<i>Dillwynia</i>	<i>hispida</i>	red parrotpea	yes	yes	0.2–0.6	0.3–1	orange	Spring	
	<i>Dodonaea</i>	<i>baueri</i>		yes		0.2–1	0.5–1.5	N/A	Summer–Autumn	yes
	<i>Dodonaea</i>	<i>hexandra</i>	horned hop bush	yes		0.5	0.5–1.5	N/A	Winter–Spring	yes
	<i>Dodonaea</i>	<i>humilis</i>	dwarf hop bush	yes		0.2	1	N/A	Summer–Autumn	yes
	<i>Dodonaea</i>	<i>viscosa</i>	sticky hop bush	yes		2–4	2–4	N/A	Summer–Autumn	yes
	<i>Enchylaena</i>	<i>tomentosa</i> var. <i>tomentosa</i>	ruby saltbush	yes		0.3–1	0.5–1.5	insignificant	Spring–Summer	
	<i>Eremophila</i>	<i>glabra</i>	tar bush	yes	yes	1	1–2	orange	All year	
	<i>Goodenia</i>	<i>amplexans</i>	clasping goodenia	yes	yes	0.5–1		yellow	Spring–Summer	yes
	<i>Goodenia</i>	<i>blackiana</i>	goodenia	yes	yes	0.1–0.2	0.5–1	yellow	Winter–Spring	
	<i>Goodenia</i>	<i>ovata</i>	hop goodenia	yes	yes	0.5–2		white	All year	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Shrub	<i>Grevillea</i>	<i>ilicifolia</i>	holly grevillea	yes	yes	0.1–0.2	0.2–0.5	red	Winter–Summer	
	<i>Hakea</i>	<i>mitchellii</i>	desert hakea	yes	yes	1–4	1–3	white	Summer	yes
	<i>Hakea</i>	<i>rostrata</i>	beaked hakea	yes	yes	1–2	1–2	white	Winter–Spring	yes
	<i>Hakea</i>	<i>rugosa</i>	dwarf hakea	yes	yes	1–2	1–2	white	Winter–Spring	yes
	<i>Hakea</i>	<i>vittata</i>	striped hakea	yes	yes	0.1–2		white	Winter–Spring	yes
	<i>Hibbertia</i>	<i>empetrifolia</i>	scrambling guinea flower	yes		0.5–1	1–2	yellow	Spring	
	<i>Kunzea</i>	<i>pomifera</i>	muntries	yes	yes	0.5–1		white	Spring–Summer	yes
	<i>Lasiopetalum</i>	<i>baueri</i>	slender velvet bush	yes		0.5–1.5	1–2	white/pink	Spring–Summer	
	<i>Lasiopetalum</i>	<i>schulzenii</i>	drooping velvet bush	yes		0.5–1.5	0.5–2	white	Spring–Summer	
	* <i>Leptospermum</i>	<i>continentale</i>	prickly teatree	yes	yes	0.5–2	1–2	white	Spring–Summer	yes
	* <i>Leptospermum</i>	<i>myrsinoides</i>	prickly teatree	yes	yes	1–4	1–4	white	Spring	yes
	<i>Melaleuca</i>	<i>acuminata</i>	mallee honey myrtle	yes	yes	2–4	2	cream	Spring	yes
	<i>Melaleuca</i>	<i>brevifolia</i>	white flowered paperbark	yes	yes	2–4	2–4	white	Spring–Summer	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Shrub	<i>Melaleuca</i>	<i>gibbosa</i>	slender honey myrtle	yes	yes	2–3	2–3	purple	Summer	yes
	<i>Melaleuca</i>	<i>uncinata</i>	broombush	yes	yes	2–3	1–2	orange	Summer	yes
	<i>Myoporum</i>	<i>insulare</i>	common boobialla	yes	yes	3–5	3–5	white	Spring	yes
	<i>Myoporum</i>	<i>viscosum</i>	sticky boobialla	yes	yes	1–2.5	1–3	white	Winter–Summer	yes
	<i>Pomaderris</i>	<i>halmaturina</i>	KI pomaderris	yes	yes	2–3		yellow/green	Spring	yes
	<i>Rhagodia</i>	<i>candolleana</i> ssp. <i>candolleana</i>	seaberry saltbush	yes		1–1.5	1–1.5	insignificant	Winter–Spring	
	<i>Senecio</i>	<i>odoratus</i>	scented groundsel	yes	yes	0.5–1.5	0.5–1.5	yellow	Spring	
	<i>Templetonia</i>	<i>retusa</i>	cockies tongue	yes	yes	1–3		red	Winter–Summer	yes
	<i>Thryptomene</i>	<i>ericaea</i>		yes	yes	1	1–2	white	Spring–Summer	yes
Sedges and rushes	<i>Juncus</i>	<i>kraussii</i>	sea rush	yes		0.5–1	0.5–1	brown	Frequent	
	<i>Juncus</i>	<i>pallidus</i>	pale rush	yes		0.5–2	0.5–2	brown	Spring–Summer	
Climber	<i>Clematis</i>	<i>microphylla</i>	small-leaved clematis	yes	yes	climber	1–2	white	Winter–Summer	yes
	<i>Hardenbergia</i>	<i>violacea</i>	native lilac	yes	yes	climber	1–2	purple	Spring	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Strap leaved	<i>Dianella</i>	<i>brevicaulis</i>	native flax-lily	yes		0.3–0.5	0.5–2	blue	Spring–Summer	yes
	<i>Dianella</i>	<i>revoluta</i> var. <i>revoluta</i>	black-anther flax-lily	yes		0.3–1	0.5–2	blue	Spring–Summer	
	<i>Lomandra</i>	<i>micrantha</i>	smallflower mat-rush	yes	yes	0.2–0.8	0.2–0.9	white	Autumn–Spring	
	<i>Orthrosanthus</i>	<i>multiflorus</i>	morning iris	yes	yes	0.3–0.6	0.4–1	blue	Spring	yes
	<i>Xanthorrhoea</i>	<i>semiplana</i> ssp. <i>tateana</i>	grass tree	yes	yes	1–3	1–2	cream	Winter–Spring	
Groundcover	<i>Austrostipa</i>	<i>elegantissima</i>	feather speargrass	yes		1	1	green/brown	Winter–Spring	
	<i>Austrostipa</i>	<i>mollis</i>	soft speargrass	yes		0.5–1	<0.5	green/brown	Winter–Spring	
	<i>Austrostipa</i>	<i>nitida</i>	Balcarra grass	yes		1	0.5	green/brown	Winter–Spring	
	<i>Austrostipa</i>	<i>nodosa</i>	tall spear grass	yes		0.5–1	0.5–1	green/brown	Spring–Summer	
	<i>Einadia</i>	<i>nutans</i>	climbing saltbush	yes		0.5	1	insignificant	Spring	
	<i>Glischrocaryon</i>	<i>behrii</i>	golden pennants	yes	yes	0.2–1.2	0.5–1	yellow	Spring–Summer	
	<i>Goodenia</i>	<i>blackiana</i>	native primrose	yes	yes	0.1–0.2	0.2–0.5	yellow	Winter–Spring	
	<i>Goodenia</i>	<i>varia</i>	sticky goodenia	yes	yes	0.5–1		yellow	All year	yes

Habit	Genus	Species	Common name	Floral resource		Height (m)	Width (m)	Flower colour	Flowering time	At KI Native Plant Nursery
				Pollen	Nectar					
Groundcover	<i>Isopogon</i>	<i>ceratophyllus</i>	wild Irishman	yes	yes	0.5–1	0.5–1	yellow	Spring	
	<i>Kennedia</i>	<i>prostrata</i>	scarlet runner or running postman	yes	yes	0.1	1.5–4	red	Winter–Spring	yes
	<i>Microlaena</i>	<i>stipoides</i> var. <i>stipoides</i>	weeping rice-grass	yes		0.1–0.7	0.2–1	cream	Spring–Summer	
	<i>Myoporum</i>	<i>parvifolium</i>	creeping boobialla	yes	yes	<0.1		white	Spring–Summer	yes
	<i>Poa</i>	<i>labillardieri</i>	tussock-grass	yes		0.3–1	0.3–0.7	cream	Spring–Summer	
	<i>Prostanthera</i>	<i>chlorantha</i>	green mintbush	yes	yes	0.5	0.5	blue	Spring	
	* <i>Rytidosperma</i>	<i>caespitosum</i>	common wallaby grass	yes		0.2–0.8	0.1–0.3	cream	Spring	
	* <i>Rytidosperma</i>	<i>geniculatum</i>	kneed wallaby grass	yes		0.1–0.5	0.1–0.3	cream	Spring–Autumn	
	* <i>Rytidosperma</i>	<i>pilosum</i>	velvet wallaby grass	yes		0.2–0.9	0.4	cream	Spring–Summer	
	<i>Scaevola</i>	<i>aemula</i>	fairy fan flower	yes	yes	0.3–0.5	0.3–1	pink/blue	All year	

Note* This information has been summarised from the Kangaroo Island Landscape Board resources and <https://www.stateflora.sa.gov.au> and should be used as a guide only.

Images courtesy KI Landscape Board, Colin Wilson and the Department for Environment and Water.