

Seedlings for Landcare program 2022

EXPRESSION OF INTEREST

Free native seedlings
for improving natural
habitat in the
Shire of Mundaring



Phytophthora Dieback in the Shire of Mundaring

*Phytophthora dieback refers to a plant disease caused by the introduced pathogen *Phytophthora cinnamomi*. It is a type of water mould that lives in soil and plant tissue that attacks the roots of plants, causing them to rot.*

Infected plants can die very quickly as they are unable to take up water and nutrients.

Phytophthora dieback can be initially difficult to detect as the appearance of infected plants can be similar to drought.

Phytophthora dieback can infect both native and non-native plants, including banksias, grass trees, roses and fruit trees. Some plant species are more resistant than others and can survive in dieback infested areas. While the disease has been called 'Jarrah dieback' in the past, jarrah trees are not the most susceptible and will usually not be the first to die.

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Phytophthora dieback is spread via spores in water, soil, and root-to-root contact between plants. Dieback infected soil is easily spread by human activity via muddy shoes, vehicles, earthworks, and equipment. Once plants and soil are infected, the disease can be treated but not cured. Trees and shrubs susceptible to Phytophthora dieback can be protected by using phosphite (a biodegradable fungicide that boosts plants natural defences against the pathogen) as an injection into trees, or foliar spray over shrubs.

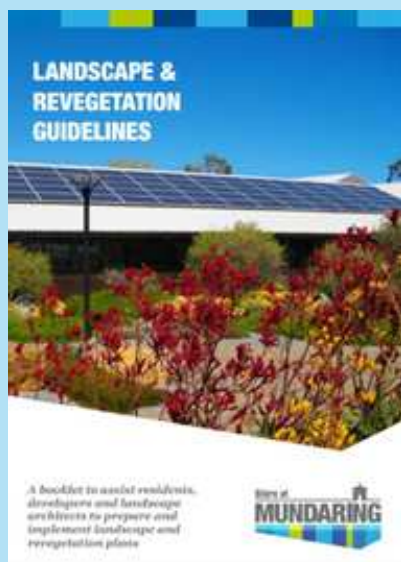
If you suspect dieback is present on your property, you can limit the spread of soil and water to uninfected areas by ensuring all equipment, vehicles and shoes are clean before entering and leaving infected areas and minimising earthworks and soil disturbance (soles of shoes can be disinfected with 70% solution of methylated spirits). Avoid soil disturbance when soil is wet and limit movement to tracks and firebreaks to avoid introducing dieback into uninfected bushland areas.

To confirm the presence of Phytophthora dieback, a dieback consultant may be required and soil samples collected for laboratory testing. For more information visit the Department of Biodiversity Conservation and Attractions website.

The Seedlings for Landcare 2022 seedling list includes a range of native species that may be resistant to dieback. Select from these species if you are planting in suspected or known dieback infected areas.



Once infected, susceptible plants such as grass trees and banksias can die quickly.



More information on native plants and revegetation

For more information on native plants and guidelines for preparing and implementing a revegetation plan, refer to our Landscape and Revegetation Guidelines on the Shire's website:

<https://www.mundaring.wa.gov.au/documents/194/landscape-and-revegetation-guidelines>

Further information on species not

listed in the guidelines above can be found on the FloraBase [website](#).

Additional information on revegetation and tree planting techniques can be found [here](#).

A short video on Planting for Success with gardening expert Sue McDougall can be found [here](#).

Seedlings for Landcare Expression of Interest Form 2022

Applicant Details

I am / We are:

Individual or family

Community group

Contact Name:

Organisation or Group Name:

Postal Address:

Contact Number:

Email:

Confirm Email:

Have you received seedlings through the program in previous years?

Yes

No

If you received seedlings in 2021 please estimate % survival rate:

Comments about seedling survival:

Landcare Project Details

Please tick the category that applies to you. (If none of the option apply to you, unfortunately you will not be eligible to receive seedlings.)

Applicant Eligibility:

I own or live on a rural zone property in the Shire of Mundaring

(Check your property zoning in the Town Planning module on the Shire's [Intramaps.](#))

I am a member of a Catchment / Friends Group in the Shire of Mundaring

I represent a school in the Shire of Mundaring

I represent a community group/organisation in the Shire of Mundaring

Type of Landcare Project:

(Please tick one only)

Revegetation of a creekline or wetland

Revegetation of a patch of bushland

Creation/enhancement of a bush wildlife corridor

Other:

Address where seedlings will be planted:

Reserve Number / Reserve Name (for Friends Groups and Schools):

Please provide a brief summary of your revegetation project:

Seedlings for Landcare Expression of Interest Form 2022

Landcare Project Details

What landcare issue(s) are you addressing and what do you hope to achieve?

How will you maintain your seedlings (e.g. watering, soil improving, mulching, weed & pest control measures etc.)?

Seedling Collection Dates

Please indicate your preferred collection date:

- Collection 1: Saturday 28 May 2022 (9am to 3pm)
 Collection 2: Sunday 29 May 2022 (9am to 3pm)

Whilst every effort will be made to allocate your preferred collection date, this cannot be guaranteed. If you are unable to collect your seedlings on the date allocated, you may have someone else collect them for you provided they bring a copy of your confirmation email.

Friends Groups Plantings

Friends Groups must be registered with the Shire for insurance and other purposes. Any landcare work undertaken on Shire of Mundaring reserves must also be approved by the Shire by submitting a work plan.

Is your Friends Group registered with the Shire of Mundaring?

- Yes No *If you ticked 'No' we will be in touch to assist you.*

Has your planting been approved by Shire of Mundaring?

- Yes No *If you ticked 'No', we will be in touch to assist you.*

How did you hear about the program?

- Applied before Shire Libraries
 Echo Newspaper Shire Website
 Word of mouth Social Media

Declaration and signature

I declare that any seedlings provided from the Seedlings for Landcare Program will be used for the purposes specified on this form.

I have read the conditions and I agree to participate in a follow up survey, if required.

- I accept the above terms and conditions.

Signature:

Conditions of Program:

- Priority will be given to applications that improve the health of rural creek lines;
- Only one submission per household/group is permitted;
- Seedling allocation limits apply: rural zoned properties 2ha or less - up to 50 seedlings; rural zoned properties greater than 2ha - up to 100 seedlings; Schools/registered Friends Groups - up to 200 seedlings.
- Seedlings are allocated in sets of (five) 5 seedlings species - maximum allocation is 15 seedlings per species;
- **This EOI is a request for seedlings and is not the same as an order that would be placed with a commercial supplier (i.e. we will do our best but supply cannot be guaranteed);**
- Projects involving land owned by the Crown, Shire or government organisations need to be authorised by the relevant body before work commences;
- Successful EOI applicants will be notified in May 2022. Seedlings will be available for collection on **Saturday 28 May and Sunday 29 May 2022.**

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- Residents on rural zoned properties 2ha or less may request up to 50 seedlings.
- Residents on rural zoned properties greater than 2ha may request up to 100 seedlings.
- Schools and registered Friends Groups may request up to 200 seedlings.

If you are seeking more seedlings than your eligible allocation for a larger scale revegetation project, please contact the Seedlings Coordinator at seedlings@mundaring.wa.gov.au.

Please mark your seedling choices in multiples of five (i.e. 5, 10 or 15), noting your first and second preferences. You may select a maximum of 15 seedlings per species.

Whilst every effort will be made to supply the number of seedlings selected in this EOI, we cannot guarantee you will receive all seedlings requested. Please submit your EOI early to avoid disappointment as once all seedlings from each species are allocated, it will not be possible to supply more of that species.

Please tick this box if you would like us to substitute with similar plants if we cannot supply your 1st or 2nd preference.

KEY

- ^ Dieback resistant ☺ Bird-attracting ☺ Used by Carnaby's Black Cockatoo
- ! Dieback susceptible + Bush tucker plant # Less palatable to kangaroos
- * More fire-wise

1st pref	2nd pref	Botanical Name	Common Name	Features	Dry soils	Average soils	Damp soils	Wet soils	Size	Flower Colour	Comments
TALL TREES 15-40M											
		<i>Corymbia calophylla</i>	Marri	^ ☺ ☺ +	Y	Y	Y	N	Up to 40m	cream-pink	Sand, loam, gravel, clay. Valuable habitat for Black Cockatoos.
		<i>Eucalyptus accedens</i>	Powderbark	^	Y	Y	N	N	2.5-15m	white-yellow	Laterite gravel, clay loam.
		<i>Eucalyptus laeliae</i>	Darling Range Ghost Gum	^ ☺	Y	Y	N	N	5-20m	white	Sandy clay, sandy loam, granite outcrops.
		<i>Eucalyptus marginata</i>	Jarra	☺ ☺!	Y	Y	N	N	Up to 40m	white-cream; pink	Sand, sandy loam, clay. Good for nesting birds, prone to dieback.
		<i>Eucalyptus patens</i>	Swan River Blackbutt	^ ☺ ☺	N	Y	Y	N	3-25m	white-cream	Gravelly soils, sandy clay, loam. Depressions, stream banks, valleys.
		<i>Eucalyptus rudis</i>	Flooded Gum	^ ☺	N	N	Y	Y	5-20m	white	Sand, loam. Salt tolerant.
		<i>Eucalyptus wandoo</i>	Wandoo / White Gum	^ ☺ ☺	Y	Y	Y	N	2.5-15m	white-cream	Sandy loam, clay loam, gravel, laterite, granite. Stony rises, undulating terrain.
SMALL TO MEDIUM TREES UP TO 15M											
		<i>Acacia acuminata</i>	Jam Wattle	+	Y	Y	N	N	1-7m	yellow	Suits a variety of soils. Drought tolerant.
		<i>Acacia saligna</i>	Orange Wattle	^ ☺	Y	Y	N	N	1.5-6m	yellow	Suits a variety of soils. Dense, often weeping, nitrogen fixing.
		<i>Allocasuarina fraseriana</i>	Jarra Forrest Sheoak	☺	Y	Y	N	N	5-15m	red-brown	Sandy/gravelly soils. Shade tree and windbreak.
		<i>Allocasuarina huegeliana</i>	Rock Sheoak	^ ☺	Y	Y	N	N	4-10m	red-brown	Granite soils, suited to Darling Scarp.
		<i>Banksia grandis</i>	Bull Banksia	# ☺ ☺! +	Y	N	N	N	1.5-10m	yellow-green	White/grey sand, laterite.
		<i>Banksia littoralis</i>	Swamp Banksia	☺ ☺!	N	Y	Y	N	1.5-12m	yellow-orange	Grey/black peat sand.
		<i>Hakea petiolaris</i>	Sea Urchin Hakea	^ ☺ ☺	Y	Y	N	N	Up to 9m	cream-pink	Loam, granite outcrops. Seeds good for cockatoo fodder, screen /windbreak.
		<i>Melaleuca preissiana</i>	Moonah	^	N	N	Y	Y	2-9m	yellow-white	Sand, swamp.
		<i>Melaleuca raphiophylla</i>	Swamp Paperbark	^	N	Y	Y	Y	0.2-10m	white-cream	White or grey sand, clay soils, swamps, along watercourses.
		<i>Paraserianthes lophantha</i>	Albizia	^ ☺	N	Y	Y	N	1-10m	yellow-green	Sand, gravel. Granite outcrops.

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1st pref	2nd pref	Botanical Name	Common Name	Features	Dry soils	Average soils	Damp soils	Wet soils	Size	Flower Colour	Comments
TALL SHRUBS UP TO 6M											
		<i>Callistemon phoeniceus</i>	Fiery Bottle-brush / Lesser Bottle-brush	☺	Y	Y	Y	Y	1-6m	red	Sandy soils, laterite, often along watercourses. Screen/windbreak.
		<i>Eremaea pauciflora</i>	Orange-flowered Eremaea	☺	Y	Y	Y	Y	Up to 4m	orange-red-yellow	Variety of soils.
		<i>Hakea laurina</i>	Pincushion Hakea	^ ☺ ☺	Y	Y	N	N	2-6m	red	Sand, sandy clay. Bird attractant.
		<i>Hakea varia</i>	Variable-leaved Hakea	☺ ☺	Y	Y	Y	N	1-4m	cream	Loamy sand, clay loam, laterite. Seasonally wet flats.
		<i>Melaleuca incana</i>	Grey Honey-myrtle	# ☺	Y	Y	Y	Y	0.4-5m	white-cream-yellow	Sandy or clay soils. Winter wet depressions. Weeping understorey.
		<i>Melaleuca viminea</i>	Mohan	☺	N	Y	Y	Y	0.6-5m	white-cream	Sandy or clayey soils, near creeks, wet depressions, watercourses or flats.
		<i>Taxandria linearifolia</i>	Swamp Peppermint	☺ !	Y	Y	Y	N	Up to 5m	white	Loam, clay or sand, gravel, laterite. Grows along swamps and watercourses.
		<i>Trymalium odoratissimum</i>	Karri Hazel	☺	N	Y	Y	Y	Up to 6m	white	Watercourses, damp areas and forest understorey.
		<i>Viminaria juncea</i>	Swishbush	☺	N	Y	Y	Y	1-4m	yellow	Sandy and clayey soils. Lakes and swamps, river banks and winter-wet depressions.
MEDIUM SHRUBS UP TO 3M											
		<i>Acacia extensa</i>	Wiry Wattle	^ ☺	N	Y	Y	Y	1-3m	yellow	Sandy and lateritic soils. Damp areas, along watercourses and near swamps.
		<i>Acacia pulchella</i>	Prickly Moses	^	Y	Y	Y	N	0.3-3m	yellow	Sandy soils, clay loam over laterite. Low-lying areas, swamps, watercourses.
		<i>Astartea scoparia</i>	Common Astartea	^	N	Y	Y	N	Up to 1.8m	white-pink	Loam, sand soils. Good for screening and hedges.
		<i>Calothamnus quadrifidus</i>	One-sided Bottlebrush	^	Y	Y	Y	Y	0.9-2m	red-white-yellow	Wide variety of soils.
		<i>Chorizema cordatum</i>	Heart-leaved Flame Pea	*	Y	Y	Y	Y	0.3-1.5m	yellow-orange-red/pink	Sandy loam or clay over granite or laterite. Near rock outcrops, on hills, along watercourses, in winter-wet flats.
		<i>Darwinia citriodora</i>	Lemon-scented Darwinia	^ ☺	Y	Y	Y	N	0.2-1.5m	yellow-green/red	Lateritic or granite soils. Commonly found on granite outcrops and hills.
		<i>Grevillea thelemanniana</i>	Spider Net Grevillea	^ ☺	Y	Y	Y	Y	0.3-1.5m	pink-red	Declared Rare Flora. Sand, sandy clay. Winter-wet low lying flats.
		<i>Hakea amplexicaulis</i>	Prickly Hakea	☺	Y	Y	Y	N	1-3m	white/cream-pink	Clay, loam, gravel, laterite.
		<i>Hakea lissocarpha</i>	Honey Bush	^ ☺ ☺	Y	Y	N	N	0.4-1.5m	cream	Sand, sandy loam, granitic soils, laterite. Attracts birds and insects.
		<i>Hakea undulata</i>	Wavy-leaved Hakea	☺ ☺ !	Y	Y	Y	N	1-2m	cream	Sand, clay, loam, gravel, laterite. Drought and frost resistant.
		<i>Hypocalymma angustifolium</i>	White Myrtle	^ #	Y	Y	Y	Y	Up to 1.5m	white-pink	Sand, peaty soils, sandy clay. Flats, swamps, watercourses, outcrops.
		<i>Kunzea recurva</i>	Purple Kunzea	☺ !	Y	Y	Y	N	0.3-2m	pink-purple-red	Variety of soils. Winter-wet depressions, rocky slopes. Hardy.
		<i>Leptospermum erubescens</i>	Roadside Teatree	^	Y	Y	N	N	1-3m	white-pink	Sandy soils, often with gravel.

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1st pref	2nd pref	Botanical Name	Common Name	Features	Dry soils	Average soils	Damp soils	Wet soils	Size	Flower Colour	Comments
MEDIUM SHRUBS UP TO 3M											
		<i>Melaleuca lateritia</i>	Robin Red-breast Bush	^ ☺	Y	Y	Y	N	Up to 2.5m	red	Clay, sandy loam, sandy clay, granite. Swampy areas. Bird attracting.
		<i>Melaleuca radula</i>	Graceful Honey-myrtle	^ ☺	Y	Y	Y	N	0.3-2.4m	mauve	Sandy, gravelly soils over granite, laterite.
LOW SHRUBS UP TO 1M											
		<i>Acacia drummondii</i>	Drummond's Wattle	^	Y	Y	Y	N	0.3-1m	yellow	Variety of soils and habitats. Fast growing.
		<i>Bossiaea eriocarpa</i>	Common Brown Pea	!	Y	Y	Y	N	0.2-1m	Yellow-brown/red	Prefers sandy soils.
		<i>Chorizema dicksonii</i>	Yellow-eyed Flame Pea	*	Y	Y	Y	N	0.3-1m	red-orange	Sandy gravelly soils, clay loam. Rocky hillsides, lateritic ridges, undulating places.
		<i>Hemiandra pungens</i>	Snakebush	#	Y	Y	Y	N	0.05-1m	white-blue-purple-pink	Sand, clay and loam, gravel, laterite, granite. Rock outcrops.
		<i>Hypocalymma robustum</i>	Swan River Myrtle	# !	Y	Y	N	N	0.4-1m	pink-pink-red	Gravelly lateritic soils, sand.
GROUNDCOVERS											
		<i>Hardenbergia comptoniana</i>	Native Wisteria	^ ☺ *	Y	Y	N	N	Climber	blue-purple-white	Sandy soils. Vigorous climber, attractive, bird attracting.
		<i>Kennedia coccinea</i>	Coral Vine	^ ☺ *	Y	Y	N	N	Twining shrub / climber	orange-pink-red	Well drained sandy soils. Ground cover, ornamental.
		<i>Kennedia prostrata</i>	Running Postman / Scarlet Runner	^ ☺ + *	Y	Y	N	N	Prostrate / twining shrub	red	Sandy or gravelly soils. Bird attracting and ornamental groundcover.
HERBS											
		<i>Anigozanthos manglesii</i>	Red and Green Kangaroo Paw	^ ☺ *	Y	Y	N	N	0.2-1.1m	red-green	Sand and sandy loam soils. Floral emblem of WA.
		<i>Conostylis aculeata</i>	Prickly Conostylis	☺	Y	Y	Y	Y	0.06-0.5m	yellow	Sand, loam, clay, gravel, limestone, laterite. Winter-wet areas, swamps.
RUSHES											
		<i>Baumea articulata</i>	Jointed Twig-rush	^ ☺ *	N	N	Y	Y	1-2.6m	red-brown	Wet, black sand, water-logged soil. Seasonal swamps.
		<i>Baumea juncea</i>	Bare Twig-rush	^	N	N	Y	Y	0.2-1.2m	purple-brown	Silty sands and water-logged soils. Swamps, lake edges and watercourses.
		<i>Baumea rubiginosa</i>	River Twig-rush	^	N	N	Y	Y	Up to 4m	brown	Streams, swamps.
		<i>Juncus pallidus</i>	Pale Rush	^	N	N	Y	Y	0.5-2m	brown-cream	Clay soils on swamps and watercourses. Frog habitat.
		<i>Juncus subsecundus</i>	Finger Rush	^	N	N	Y	Y	0.3-1m	brown-cream	Clay soils on swamps and watercourses. Frog habitat.
TOTAL SEEDLINGS REQUESTED											

Submit your Expression of Interest:

Please submit your EOI to the Shire of Mundaring by **4pm Friday 18 March 2022**.

Late submissions cannot be accepted.

ONLINE

Online applications can be found on the Shire website at <https://www.mundaring.wa.gov.au/environment-waste/your-home->

EMAIL:

If you are unable to submit an online application, please contact the Seedlings Coordinator at seedlings@mundaring.wa.gov.au

POST OR HAND DELIVER TO:

Seedlings for Landcare Program 2022
Shire of Mundaring
7000 Great Eastern Highway
MUNDARING WA 6073