

NURSERY CATALOGUE



IMPORTANT INFORMATION

This catalogue is current as at 1 October 2008. Details are subject to change without notice and all prices are inclusive of GST.

While all reasonable care and attention is taken in the preparation of this catalogue, errors and omissions excepted.

PURCHASING AND PRODUCT ENQUIRIES

For purchasing and product enquiries, please contact:

West Manjimup Nursery

Burnside Road
WEST MANJIMUP
Western Australia 6258

Phone: 08 9772 0377
Facsimile: 08 9772 1211
Email: manjnurs@fpc.wa.gov.au
Online: www.fpc.wa.gov.au/nursery

Opening hours:
Monday to Friday 8:00 am to 4:30 pm
Public Holidays Closed

Postal address:
Forest Products Commission
Locked Bag 6
MANJIMUP
Western Australia 6258

FEEDBACK AND SUGGESTIONS

Feedback and suggestions on this catalogue are warmly welcomed. Should you have any suggestions or feedback, please do not hesitate to contact us.

DISCLAIMER

Subject to the following, any condition or warranty, which would otherwise be implied in favour of the purchaser, is hereby excluded. Where legislation implies in the sale any condition or warranty, and that legislation avoids or prohibits provisions in a contract excluding or modifying the application of, or the exercise of or liability under such condition or warranty, the condition or warranty shall be deemed to be included in this sale.

However, the liability of FPC for any breach of such condition or warranty shall be limited, at the option of FPC, to one or more of the following:

- i. the replacement of the goods or the supply of equivalent goods; or
- ii. the payment of the cost of replacing the goods or of acquiring equivalent goods

It is the customer's responsibility to produce a valid receipt that is acceptable to FPC for a claim to be accepted.

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THE NURSERY

This pamphlet is designed so you as the tree grower can have ready access to the Forest Products Commission's (FPC) West Manjimup Nursery and its services.

ABOUT THE FPC

The FPC is at the forefront of tree propagation and management for rural Western Australia. It shares with other agencies and community organisations the vision for sustainable and productive agriculture that incorporates a properly distributed tree cover.

To enable your success in growing trees, whether for amenity, conservation or commercial purposes the FPC offers:

- the sale of seedlings
- the sale of seeds
- commercial resources
- growing technology

This catalogue can also be accessed through the Forest Products Commission web site at www.fpc.wa.gov.au

ABOUT US

The nursery at West Manjimup is a leading forestry facility, integrating research and operational activities in a single location. It provides quality seedlings at competitive prices to external businesses and the general public.

With an annual production capacity of 40 million tree seedlings, major species currently grown include:

- *Pinus pinaster* (maritime pine)
- *Pinus radiata* (Monterey pine)
- *Eucalyptus diversicolor* (karri)
- Acacia species (wattle)
- *Eucalyptus saligna* (Sydney blue gum)
- *Eucalyptus cladocalyx*
- oil mallees

We also grow:

- a wide range of mixed native hardwood species,
- a range of tree species for the production of sawlogs, and
- other specialised product lines.

Our nursery is directly supported by the FPC's seed research and technologies business, which provides genetically improved material as well as native seed. It brings the technical expertise and scientific know how to provide seedlings that have the best chance of success in Australia's harsh and varied climates.

For further advice or assistance, please contact our staff at the Nursery.

HOW TO ORDER

All orders must be placed using the enclosed FPC Nursery Seedling Order Form, and can be placed either by fax or postal mail.

The minimum order is 500 seedlings of a single species. Multiple species cannot be combined to make a minimum order.

Seedling orders for all species must be received by the following dates:

Species	Order required by
Pinaster	15 August
Radiata	30 September
Acacias	30 September
Hardwood seedlings	30 October
Karri	15 November
Eucalyptus globulus	30 October
Oil mallee seedlings	1 October
Salt tolerant hardwood	30 October
Ornamentals	30 September

Acceptance of orders received after these dates will depend on availability.

On receipt of your order, a confirmation letter will be forwarded requesting payment of a 35% deposit, which includes the full amount of GST payable on the order in accordance with the Australian Taxation Office, Goods and Services Tax Determination GSTD2000/1, Division 99 of the *New Tax System (GST) Act 1999*.

PAYMENT

Payments can be made by cash, cheque or credit card and are non-refundable.

Payment must be made within 30 days of invoice.

Where the total order is less than \$500.00, full payment for the order will be requested on invoice.

Cheques should be payable to Forest Products Commission, and should be attached to your order form or final invoice.

Credit card payments may be made by mail, facsimile

or by telephone.

Payments can also be made in person at our office during normal business hours.

For payments not received within 30 days of invoice, the FPC reserves the right impose a 15% overdue account surcharge on the outstanding balance.

DESPATCH OF SEEDLINGS

Collection of seedlings from the nursery occurs between 1 June and 31 August each year.

If required, the nursery can provide an Australian-wide delivery service for an additional cost.

Notification of each despatch required is made by filling out the Seedling Despatch Request Form, which is sent to you with your confirmation letter.

Upon receipt of your form, you will be advised of the date and time that the seedlings may be collected and/or delivered from the nursery. Under normal circumstances seedlings will be ready for despatch within 3 days of receiving your request.

GENERAL CONDITIONS OF SALE

All seedlings are of the description and kind specified at the time of sale.

In the event that seedlings supplied are considered, by mutual agreement, to be in a condition not suitable for planting or do not meet agreed specifications, the FPC will replace the seedlings with the same species of seedling in the following year; or on agreement with the customer an alternative species of seedling, or will refund money received for the purchase of those seedlings.

The FPC will endeavour to fill all orders to the quantity ordered. However, due to events out of the control of the nursery, such as poor germination, or unfavourable weather conditions, the FPC makes no guarantee that all orders will be filled.

The FPC takes no responsibility for the growth,

HOW TO ORDER

quality or productiveness of any seedlings, following despatch from the FPC Manjimup Nursery as these factors are governed by events beyond our control.

EXPLANATORY NOTES

- **Plant names**

Botanical names are reliable and should be quoted in preference, however where possible common names are included.

- **Dieback**

An asterisk (*) against the botanical name of a species indicates the species is susceptible to dieback.

- **Tree size**

The average height and width of each species in metres are itemised. However limiting size/soil characteristics (depth, nutrient, moisture, salinity and waterlogging), growing spaces, damage from insects, birds or wind, are factors that will restrict plant development and ultimate size.

SPECIES LIST

Species	Common Name	Average Height (m)	Average Width (m)	Minimum Rainfall (mm)	Description
Acacia					
<i>acuminata</i> – typical, narrow and <i>burkitti</i>	Jam tree	6-10	3-5	380	Small tree with narrow foliage.
<i>melanoxydon</i>	Tasmanian blackwood	5-30	4-15	890	Tall, long-lasting Acacia species from eastern Australia.
<i>microbotrya</i>	Manna gum	4-6	2-4	380	Small, fast-growing tree.
<i>saligna</i> (w)	Western wattle	3-10	3-6	550	Versatile and quick growing.
Allocasuarina					
<i>fraseriana</i>	Sheoak	10-20	5-10	750	Small to medium tree.
<i>huegeliana</i>	Granite sheoak	10-15	5-10	400	Small tree with fine needle-like foliage.
Casuarina					
<i>obesa</i>	Swamp oak	6-30	4-12	450	Small tree with blue-green needle-like foliage.
Corymbia					
<i>calophylla</i>	Marri	13-25	10-13	500	Large, shady tree and large, glossy leaves.
<i>calophylla</i> 'rosea'	Pink flowering marri	13-25	10-13	500	Distinguished by pink-coloured flowers.
<i>citriodora</i>	Lemon scented gum	15-30	10-25	650	Tall, smooth-barked Queensland species.
<i>ficifolia</i>	Red flowering gum	6-15	5-20	1000	Medium tree with rough brown bark and dense foliage.
<i>maculata</i>	Spotted gum	20-35	10-20	750	Upright and well-formed tree with a dense crown.
Eucalyptus					
<i>astringens</i>	Brown mallet	5-25	4-10	510	Shady, multi-stemmed tree with glossy foliage.
<i>botryoides</i>	Southern mahogany	12-40	10-25	630	Large tree with dense crown.
<i>caesia</i> subsp. <i>caesia</i> *	Gungurra	4-10	3-8	380	Decorative tree with open crown.
<i>caesia</i> subsp. <i>magna</i> *	Silver princess	5-15	4-8	380	Pendulous crowned small tree.

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Species	Common Name	Average Height (m)	Average Width (m)	Minimum Rainfall (mm)	Description
Eucalyptus					
<i>camaldulensis</i> var. <i>camaldulensis</i>	River red gum	15-50	15-35	200	Mid green foliage and smooth white or grey bark.
<i>camaldulensis</i> var. <i>obtusa</i> , WA	River red gum	12-20	12-30	400	Spreading crown with bright green foliage.
<i>cladocalyx</i>	Sugar gum	15-35	15-20	380	Medium tree with glossy green foliage.
<i>cornuta</i>	Yate	6-30	5-10	500	Spreading tree with bright green foliage.
<i>diversicolor</i>	Karri	30-70	8-15	900	Smooth white bark and moderately dense crown.
<i>drummondii</i>	Drummond's mallee	4-8	4-8	400	Grey-green foliage with powdery stems.
<i>dundasii</i>	Dundas blackbutt	7-20	5-10	260	Medium tree with glossy green leaves.
<i>eremophila</i> subsp. <i>eremophila</i> *	Sand mallee	4-8	5-8	220	Smooth barked with olive green foliage.
<i>erythrocorys</i> *	Illyarrie	4-9	3-8	480	Smooth bark and dark green leaves.
<i>flocktoniae</i> (mallee)	Merrit	6-8	3-6	250	Small tree with dark green foliage.
<i>formanti</i>	Forman's mallee	4-12	4-8	250	Small tree with narrow leaves.
<i>globulus</i> subsp. <i>globulus</i> (TAS provenance)	Tasmanian blue gum	15-70	10-25	600	Fast growing tall tree with long strap-like leaves.
<i>gomphocephala</i>	Tuart	10-35	8-15	600	Medium spreading tree with fibrous grey bark.
<i>grandis</i>	Rose gum	20-55	10-25	900	Tall tree with glossy green foliage.
<i>kochii</i> subsp. <i>horistes</i>	Oil mallee	5-7	3-10	400	Rough barked with blue-grey foliage.
<i>kochii</i> subsp. <i>kochii</i>	Oil mallee	5-7	4-8	350	Rough barked with blue-grey foliage
<i>kochii</i> subsp. <i>plenissima</i>	Oil mallee	5-7	4-8	250	Rough barked with blue-grey foliage
<i>kondininensis</i>	Kondinin blackbutt	8-15	5-10	300	Upright spreading tree with green foliage.
<i>leucoxyton</i> subsp. <i>leucoxyton</i>	SA bluegum	10-30	6-20	400	Medium sized with spreading crown.
<i>leucoxyton</i> subsp. <i>megalocarpa</i>	Yellow gum	4-9	5-10	400	Spreading tree with smooth bark.

Species	Common Name	Average Height (m)	Average Width (m)	Minimum Rainfall (mm)	Description
Eucalyptus					
<i>loxophleba subsp. lissophloia</i>	Smooth barked York gum	6-8	4-6	250	Large tree with very glossy green leaves.
<i>loxophleba subsp. loxophleba</i>	York gum	6-18	5-12	300	Medium tree with spreading crown of glossy green foliage.
<i>marginata subsp. marginata</i> *	Jarrah	6-40	6-25	600	Tall tree with fibrous bark and dark green leaves.
<i>megacarpa</i>	Bullich	2-30	4-20	750	Variable formed species with distinctive white bark.
<i>megacornuta</i>	Warted yate	5-12	5-8	400	Fast growing and open crowned tree.
<i>muelleriana</i> *	Yellow stringybark	15-50	12-30	700	Tall with straight trunk and fibrous bark.
<i>occidentalis var. occidentalis</i> *	Flat topped yate	12-20	5-10	380	Quick growing medium tree with flat topped crown.
<i>patens</i>	WA blackbutt	10-45	15-25	850	Straight trunked tree with thick fibrous bark.
<i>pilularis</i>	Blackbutt	25-70	8-20	900	Smooth white trunk with basal bark.
<i>polybractea</i>	Blue leaved mallee	4-10	4-8	470	Rough bark and blue-grey foliage.
<i>preissiana subsp. preissiana</i> *	Bell fruited mallee	2-5	3-10	400	Large yellow flowers and thick blue-grey foliage.
<i>pegnans</i> *	Mountain ash	55-75	15-30	750	Very tall with straight trunk.
<i>resinifera</i>	Red mahogany	20-45	10-15	800	Tall species with thick persistent bark.
<i>robusta</i>	Swamp mahogany	20-30	10-25	1000	Rough barked with large green leaves.
<i>rudis subsp. rudis</i>	WA flooded gum	10-20	8-13	500	Multi trunked tree with smooth branches.
<i>salicola</i>	Salt gum	10-15	9-12	200	Medium sized with white bark and green foliage.
<i>saligna</i>	Sydney blue gum	20-55	10-25	900	Clean white bark with strong discoloured leaves.
<i>salmonophloia</i> *	Salmon gum	12-30	8-20	250	Umbrella shaped tree with red bark.
<i>sargentii subsp. sargentii</i>	Salt river gum	6-12	5-8	350	Spreading tree with glossy olive green foliage.
<i>sideroxylon subs. sideroxylon</i>	Pink-flowered ironbark	10-30	10-20	450	Thick fibrous bark with blue-green foliage.
<i>spatulata</i>	Swamp mallet	6-12	6-8	300	Rapid growing with matt green leaves.

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Species	Common Name	Average Height (m)	Average Width (m)	Minimum Rainfall (mm)	Description
Eucalyptus					
<i>tereticornis</i>	Forest red gum	20-30	10-25	650	blue-green foliage forming a compact crown.
<i>torquata</i> *	Coral gum	6-12	5-10	250	Small tree with blue-green foliage.
<i>tricarpa</i>	Red ironbark	25-35		450	Medium sized tree with discoloured foliage.
<i>viminalis</i> subsp. <i>viminalis</i>	Manna gum	30-50	10-15	500	Tall tree that sheds long ribbons of bark.
<i>wandoo</i> subsp. <i>wandoo</i>	Wandoo	8-30	6-20	400	Spreading crown with smooth white bark.
<i>woodwardii</i> *	Lemon flowered gum	6-15	3-8	240	Small tree with massed yellow flowers. Smooth bark and green leaves.
Hakea					
<i>baxteri</i>	Fan leafed hakea	1.5-5	1-3	400	Rounded shrub with fan shaped foliage.
<i>laurina</i>	Pincushion hakea	3.5-8	3-10	500	Spreading shrub with large round red-cream flowers.
Kunzea					
<i>baxteri</i>	Baxter's kunzea	1-2	2-3	600	Compact and rounded shrub with bottlebrush style flowers.
Melaleuca					
<i>acuminata</i> subsp. <i>acuminata</i>	Scented honey myrtle	1-3	2-3	400	Spreading understory species with masses of cream flowers.
<i>cuticularis</i>	Saltwater paperbark	6-12	8	500	Spreading crown tree with white paper bark.
<i>elliptica</i>	Granite honey myrtle	2-4	2-5	250	Low spreading shrub with light green leaves.
<i>incana</i> subsp. <i>incana</i>	Grey honey myrtle	2-3	2	600	Soft weeping shrub with grey-blue foliage.
<i>lanceolata</i> (w)	Rottnest tea tree	5-8	3-5	300	Small tree with dark dense foliage.
<i>lateriflora</i> subsp. <i>lateriflora</i>	Oblong-leaf honey myrtle	1-6	1-4	300	Medium sized upright shrub with green glossy foliage.
<i>lateritia</i>	Robin redbreast bush	2-2.5	2-3	500	Shrub with linear leaves and red-orange flowers.
<i>nesophila</i>	Showy honey myrtle	3-4	2-3	600	Domed small tree with bushy crown.

Species	Common Name	Average Height (m)	Average Width (m)	Minimum Rainfall (mm)	Description
Melaleuca					
<i>preissiana</i>	Paperbark	6-10	4-6	400	Small tree with bushy crown.
<i>pungens</i> var. <i>pungens</i>	Needle leaf honey myrtle	1.5-2	1-2		A bushy, prickly shrub.
<i>raphiophylla</i>	Swamp paperbark	7-10	4-6	700	Bushy crowned small tree with fine grey-green foliage.
<i>spathulata</i>	Purple honey myrtle	0.5-1	0.5-1	400	Small shrub with soft hairy young growth.
<i>viminea</i> subsp. <i>viminea</i>	White flowered honey myrtle	3	3	400	Medium shrub with crowded leaves and scented white flowers.
Pinus					
<i>brutia</i>	Calabrian pine	10-25	4-5	400	Mediterranean pine tree of variable size.
<i>pinaster</i>	Maritime pine	27-36	4-10	510	Deeply furrowed reddish bark.
<i>radiata</i>	Moneterey pine	25-45	6-12	760	Stout trunk with horizontal branches.
Santalum					
<i>acuminatum</i>	Quandong	4-5	2-3	510	Small tree with yellow flowers and red fruit.
<i>album</i>	Indian sandalwood	8-10	3-5		Small tree.
<i>spicatum</i>	Sandalwood	2-8	1-3	200	Small often twisted tree with rough bark and stiff foliage.

