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**Table 2-2 Species Lists**

<p><b>Rate of growth</b>                      F Fast growing                      M Moderate growing                      S Slow growing</p>			<p><b>Tolerances</b>                      ● High tolerance                      ○ Moderate tolerance</p>				<p><b>Soil types</b>                      K=Krasnozom – red basaltic loam                      P=Red &amp; Yellow Podzolic soils                      C=Chocolate basaltic clay loam                      A=Alluvial M=Metamorphic                      ◆ indicates suitability</p>				
<u>Botanical name</u>	<u>Common name</u>	<u>Rate of growth</u>	<u>Tolerances</u>				<u>Soils</u>				
			Frost	Wet	Dry	Wind	K	P	C	A	M
<i>Acmena ingens</i>	RED APPLE	M	○	●	○	○	◆	◆	◆	◆	◆
<i>Agathis robusta</i>	KAURI PINE	M	○	○		○	◆		◆	◆	
<i>Allangium villosum</i>	BLACK MUSKHEART	S	○				◆	◆			◆
<i>Araucaria bidwillii</i>	BUNYA PINE	M	●		●	○	◆	◆	◆		
<i>Araucaria cunninghamii</i>	HOOP PINE	M	○		●	●	◆	◆	◆		◆
<i>Argyrodendron actinophyllum</i>	BLACK BOOYONG	S	○				◆	◆	◆		◆
<i>Argyrodendron trifoliolatum</i>	WHITE BOOYONG	S					◆	◆	◆		◆
<i>Beilschmiedia elliptica</i>	GREY WALNUT	S	●				◆	◆	◆		◆
<i>Beilschmiedia obtusifolia</i>	BLUSH WALNUT	S	●				◆				◆
<i>Bosistoa pentacocca</i>	NATIVE ALMOND	S					◆				◆
<i>Callitris macleayana</i>	BRUSH CYPRESS PINE	S			●	●		◆			◆
<i>Canarium australasicum</i>	MANGO BARK	S						◆	◆		◆
<i>Cardwellia sublimis</i>	NORTHERN SILKY OAK	M					◆				
<i>Castanospermum australe</i>	BLACK BEAN	S	○	●			◆		◆	◆	
<i>Ceratopetalum apetalum</i>	COACHWOOD	S	○		○			◆			◆
<i>Cinnamomum oliveri</i>	OLIVER'S SASSAFRAS	S	○		○	○	◆	◆	◆	◆	◆
<i>Cinnamomum virens</i>	RED BARKED SASSAFRAS	S	○		○		◆	◆	◆	◆	◆
<i>Cryptocarya erythroxylon</i>	ROSE MAPLE	S		○			◆		◆		
<i>Cryptocarya glaucescens</i>	JACKWOOD	M	○		○	○	◆	◆	◆	◆	◆
<i>Cryptocarya obovata</i>	PEPPERBERRY	S	○	●			◆		◆	◆	◆
<i>Diospyros pentamera</i>	GREY PERSIMMON	S			○		◆	◆	◆	◆	◆
<i>Doryphora sassafras</i>	SASSAFRAS	S	○				◆	◆	◆	◆	◆
<i>Dysoxylum fraserianum</i>	ROSEWOOD	S	○				◆		◆		◆
<i>Dysoxylum muelleri</i>	RED BEAN	M		○			◆	◆	◆	◆	
<i>Dysoxylum rufum</i>	SCENTLESS ROSEWOOD	M	○		○		◆	◆	◆	◆	◆
<i>Ehretia acuminata</i>	KODA	M	●	○	○	○	◆	◆	◆	◆	◆
<i>Elaeocarpus grandis</i>	BLUE QUANDONG	F		○			◆				◆
<i>Elaeocarpus kirtonii</i>	SILVER QUANDONG	M		○	○		◆				
<i>Elaeocarpus reticulatus</i>	BLUEBERRY ASH	M	○	○	○	○		◆	◆		◆
<i>Endiandra discolor</i>	ROSE WALNUT	S	○	○			◆	◆	◆	◆	◆
<i>Endiandra muelleri</i>	MUELLER'S WALNUT	S	○		○			◆		◆	◆
<i>Eucalyptus acmeniooides</i>	WHITE MAHOGANY	M			○	○		◆	◆		
<i>Eucalyptus dunnii</i>	DUNN'S WHITE GUM	F					◆		◆	◆	
<i>Eucalyptus grandis</i>	FLOODED GUM	F		●			◆			◆	
<i>Corymbia maculata</i>	SPOTTED GUM	M	●		○	○		◆			◆
<i>Eucalyptus pilularis</i>	BLACKBUTT	F						◆			
<i>Eucalyptus propinqua</i>	GREY GUM	M	○		○	○		◆	◆	◆	◆
<i>Eucalyptus punctata</i>	GREY GUM	M	○		○	○		◆	◆	◆	◆
<i>Eucalyptus saligna</i>	SYDNEY BLUE GUM	F		○			◆		◆	◆	
<i>Eucalyptus tereticornis</i>	FOREST RED GUM	M	●		○	○		◆	◆	◆	◆
<i>Euroschinus falcata</i>	PINK POPLAR	F	○		○	○	◆	◆	◆	◆	◆

<b>Rate of growth</b>			<b>Tolerances</b>				<b>Soil types</b>				
F	Fast growing		●	High tolerance			K	Krasnozom – red basaltic loam			
M	Moderate growing		○	Moderate tolerance			P	Red & Yellow Podzolic soils			
S	Slow growing						C	Chocolate basaltic clay loam			
							A	Alluvial		M	Metamorphic
							◆	indicates suitability			
<u>Botanical name</u>	<u>Common name</u>	<u>Rate of growth</u>	<u>Tolerances</u>				<u>Soils</u>				
			Frost	Wet	Dry	Wind	K	P	C	A	M
<i>Flindersia australis</i>	TEAK	M	○		●	○	◆	◆			
<i>Flindersia bennettiana</i>	BENNETT'S ASH	M	○				◆	◆	◆	◆	
<i>Flindersia brayleyana</i>	QUEENSLAND MAPLE	F					◆				
<i>Flindersia schottiana</i>	CUDGERIE	F	○		○	○	◆		◆	◆	
<i>Flindersia xanthoxyla</i>	YELLOWWOOD	M	○		●	○	◆		◆	◆	
<i>Geissois benthamii</i>	RED CARABEEN	M	○				◆		◆		
<i>Gmelina leichhardtii</i>	WHITE BEECH	M	○		○		◆	◆	◆	◆	
<i>Grevillea baileyana</i>	WHITE OAK	M	○				◆				
<i>Grevillea robusta</i>	SILKY OAK	F	●		○	○	◆	◆	◆	◆	
<i>Halfordia kendack</i>	SAFFRON HEART	S					◆	◆		◆	
<i>Harpullia pendula</i>	TULIPWOOD	M					◆		◆	◆	
<i>Litsea reticulata</i>	BOLLYWOOD	M	○	○	○		◆		◆	◆	
<i>Melia azedarach</i>	WHITE CEDAR	F	○		○	○	◆		◆	◆	
<i>Orites excelsa</i>	MOUNTAIN SILKY OAK	S	○				◆	◆	◆		
<i>Pentaceras australis</i>	BLACK TEAK	F			○	○		◆	◆	◆	◆
<i>Planchonella australis</i>	BLACK APPLE	S	○	○			◆		◆	◆	
<i>Planchonella pohlmaniana</i>	YELLOW BOXWOOD	S			○				◆	◆	
<i>Podocarpus elatus</i>	BROWN PINE	S	●		○	○	◆	◆	◆	◆	
<i>Polyscias elegans</i>	CELERY WOOD	F	○		○		◆	◆	◆	◆	
<i>Polyscias murrayi</i>	PENCIL CEDAR	F	○	○		○	◆	◆	◆	◆	
<i>Premna lignum-vitae</i>	LIGNUM-VITAE	S					◆		◆	◆	
<i>Pseudoweinmannia lachnoca</i>	ROSE MARARA	S					◆	◆	◆	◆	
<i>Rhodospaera rhodanthema</i>	DEEP YELLOWWOOD	F	●		●	●	◆	◆	◆	◆	
<i>Siphonodon australis</i>	IVORYWOOD	S	○		○				◆		
<i>Sloanea woollsii</i>	YELLOW CARABEEN	S	○				◆		◆	◆	
<i>Stenocarpus salignus</i>	SCRUB BEEFWOOD	S	●		○			◆	◆	◆	◆
<i>Stenocarpus sinuatus</i>	WHEEL OF FIRE TREE	M	○	○	○		◆	◆	◆	◆	
<i>Syzygium crebrinerve</i>	ROSE SATINASH	S	○		○	○	◆	◆	◆	◆	
<i>Syzygium francisii</i>	GIANT WATERGUM	S	●	○	○		◆		◆	◆	
<i>Toona ciliata</i>	RED CEDAR	F	●	○	○		◆		◆	◆	

Note: This is a generalised species list for the subtropical regions of Australia and features noted are based on experience in coastal northern NSW. Further advice on suitable species for your site should be sought from the SFFA, consultants or specialist nurseries.

**Table 2-4 Tree spacings and planting density**

Inter-row spacing (metres)	Intra-row spacing (metres)							
	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0
	Density in stems per hectare							
2.0	2500	2000	1667	1250	1000	833	625	500
2.5	2000	1600	1333	1000	800	667	500	400
3.0	1667	1333	1111	833	667	556	417	333
4.0	1250	1000	833	625	500	417	312	250
5.0	1000	800	667	500	400	333	250	200
6.0	833	667	556	417	333	278	208	167
8.0	625	500	417	312	250	208	156	125
10.0	500	400	333	250	200	167	125	100
<b>Recommended Planting Densities:</b>								
	Rainforest Cabinet timber Plantings							
	Sclerophyll Plantings							
	Plantings incorporating grazing (agroforestry)							