

SPECIES	SOILS	MEAN ANNUAL TEMP (MAT)°C		ALTITUDE RANGE (M)	FROST TOLERANCE	OTHER
<i>A. mearnsii</i> (black wattle)	Can be grown on very shallow soils. Will tolerate moderate levels of wetness and all textures of soils	16,0-19,5	760-850	200- 1200	Poor	Susceptible to snow damage. Roots damaged by termites and white grub. Susceptible to a variety of diseases on humid sites.
<i>E. smithii</i>	Requires deep soils which must be well drained. Not well suited to shale and mudstone derived soils.	14,5-17,5	850-950	1100-1400	Moderate. Avoid frost pockets	Susceptible to snout beetle. Success depends on good site matching and the use of sound Phytophthora and Pythium in humid climates.
G x U Hybrid	Prefers deep well drained soils but can be grown on soils of moderate depth	17,0-22,5	16,5 -21,5			

OTHER ACCEPTABLE SPECIES

<i>E. grandis</i>	Can be grown on sites with moderate soil depth that are well drained	16,5 -21,5	899-1000	0-1200	Poor	Susceptible to disease when planted off-site. Susceptible to snow damage. Suitable for pole and saw-timber markets.
<i>E. nitens</i>	Prefers deep clay loam to sandy loam soils that are well drained.	13,5 -15,5	820-900	Above 1400	Good	Withstands moderate to heavy snowfalls. Very sensitive to termite damage. Susceptible to a variety of diseases when planted offsite. Can be used for saw timber.
<i>E. dunnii</i>	Can be grown on shallow soils. It prefers soils that are moderately to well drained	15,5 -18,5	822-925	700 -1300	Moderate	Susceptible to snow damage. Resistant to termites but suffers from moderate snout beetle attacks. No major diseases
G x NHybrid	Requires deep well drained soils.	15,5 -17,5	860-936	1000 -1400	Moderate	Withstands light - moderate snowfalls.

OTHER LESS DESIRABLE SPECIES THAT CAN BE GROWN(DUE TO SITE LIMITATIONS)

<i>E. macarthurii</i>	Can be grown on shallow soils and is tolerant of up to 50 % stones in the soil profile	14,0 -18,0	730-860	Above 1100	Very good	Although very frost hardy, it is prone to stem breakage after heavy snowfalls. Fairly resistant to termites and not very susceptible to disease.
GxCHybrids Cross between Grandis and Camaldulensts	A very handy hybrid that will tolerate shallow soils.	18,5 -22,0	800-900	0-1000	Poor	Can tolerate marginal growing conditions with low disease risk. Timber suitable for saw timber markets