



ICSB/CIRAD Teak Clone Characteristics



Species: *Tectona grandis*
Origin: Solomon Island
Identity: ICSB/CIRAD Clone TG6

Available in the form of:

Ready for planting cuttings (for local market)



or ***In vitro*-derived microcuttings** (for international market)



Packed and delivered under contamination-free conditions to meet foreign country phytosanitary requirements



4 yr-old Teak clones in Sabah (East Malaysia)

For further information and inquiry please contact:

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Narrow crown and clear bole clones suitable for intercropping with cash crops such as oil palm

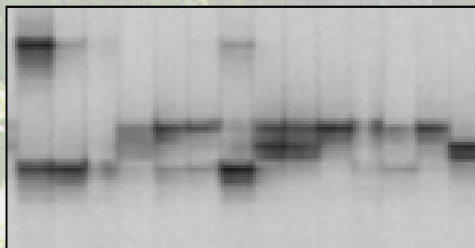


ICSB/CIRAD Clone TG6

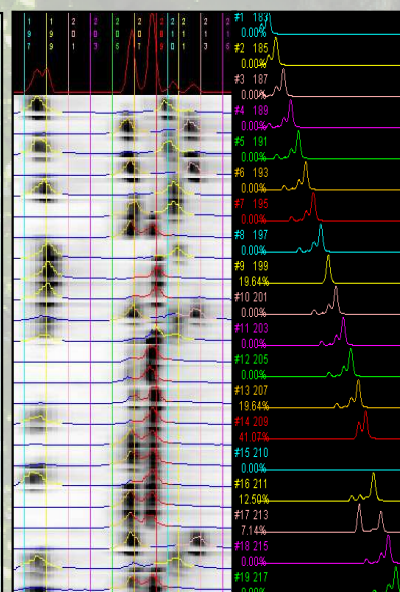


DNA fingerprinting - Wood characteristics

DNA Fingerprinting



Microsatellite locus name	Accession EMBL Database	Alleles
CIRAD1TeakA06	AJ968929	207 209
CIRAD1TeakB03	AJ968930	248 250
CIRAD1TeakF05	AJ968931	268 276
CIRAD1TeakG02	AJ968932	168 168
CIRAD1TeakH10	AJ968933	238 242
CIRAD2TeakB07	AJ968934	143 143
CIRAD2TeakC03	AJ968935	280 280
CIRAD3TeakA11	AJ968936	274 276
CIRAD3TeakB02	AJ968937	245 247
CIRAD3TeakD09	AJ968938	207 209
CIRAD3TeakF01	AJ968940	203 211
CIRAD4TeakD12	AJ968941	143 143
CIRAD4TeakH09	AJ968943	222 226



Wood characteristics after 10 years of growth in Sabah conditions		Tropix reference ²
Heartwood proportion	36%	-
Basic density	488 ± 16 kgm ⁻³	670 ± 60 kgm ⁻³
Radial shrinkage	1.9 ± 0.9 %	2.6 ± 0.4 %
Tangential shrinkage	2.7 ± 1.5 %	4.7 ± 0.8 %
T/R Ratio (Nervosity)	1.3 ± 0.2	41.8 ± 0.3 %
Modulus of Elasticity	10922 ± 1441 MPa	13740 ± 2749 MPa
Modulus of Rupture	96 ± 18 MPa	98 ± 13 MPa
Natural Durability ¹	Moderately durable	Very Durable



¹ Durability towards Basidiomycete fungi, ² <http://tropix.cirad.fr>