



ICSB/CIRAD Teak Clone Characteristics



Species: *Tectona grandis*
Origin: Solomon Island
Identity: ICSB/CIRAD Clone TG3

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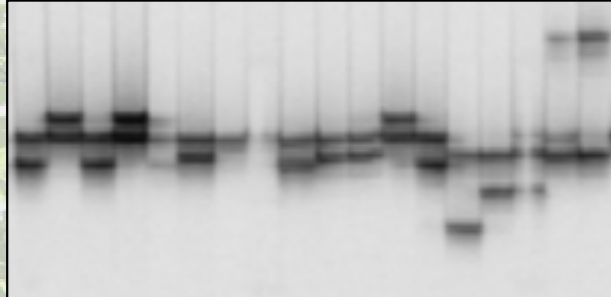
Narrow crown and clear bole clones suitable for intercropping with cash crops such as oil palm



ICSB/CIRAD Clone TG3

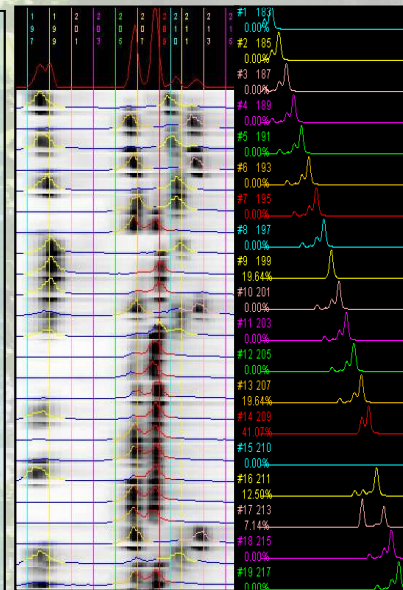


DNA fingerprinting - Wood characteristics



DNA Fingerprinting

Microsatellite locus name	Accession EMBL Database	Alleles
CIRAD1TeakA06	AJ968929	193 207
CIRAD1TeakB03	AJ968930	250 258
CIRAD1TeakF05	AJ968931	268 268
CIRAD1TeakG02	AJ968932	168 168
CIRAD1TeakH10	AJ968933	242 246
CIRAD2TeakB07	AJ968934	143 145
CIRAD2TeakC03	AJ968935	280 280
CIRAD3TeakA11	AJ968936	276 280
CIRAD3TeakB02	AJ968937	245 245
CIRAD3TeakD09	AJ968938	199 211
CIRAD3TeakF01	AJ968940	219 229
CIRAD4TeakD12	AJ968941	141 143
CIRAD4TeakH09	AJ968943	224 226



Wood characteristics after 10 years of growth in Sabah conditions		Tropix reference ²
Heartwood proportion	57 %	-
Basic density	530 ± 62 kgm ⁻³	670 ± 60 kgm ⁻³
Radial shrinkage	2.4 ± 0.5 %	2.6 ± 0.4 %
Tangential shrinkage	2.6 ± 0.5 %	4.7 ± 0.8 %
T/R Ratio (Nervosity)	1.1 ± 0.1	1.8 ± 0.3 %
Modulus of Elasticity	14902 ± 2324 MPa	13740 ± 2749 MPa
Modulus of Rupture	103 ± 36 MPa	98 ± 13 MPa
Natural Durability ¹	Data unavailable	Very Durable



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