

Table S1: Site specific details with soil properties and Light Use Efficiency

Plantation	Silt %	Sand %	Gravel %	Clay %	LUE ( g C MJ <sup>-1</sup> )	Average plantation coefficient (kc)		Source
						Pre- monsoon	Post monsoon	
Teak	36.82	41.41	11.32	10.45	0.540 (Ahl et al,2004)	Null	2.01	Somen et al,2008
Eucalyptus	22.3	36.56	28.01	13.13	0.52	1.63	2.81	Somen et al,2008
Poplar	47.5	26	16.15	26.5	0.73	1.22	2.31	Guidi et al.,2008
Mixed	24.55	42	22.05	10.45	0.75	1.19	1.57	Somen et al,2008