



TREE SPECIES-SITE MATCHING IN KENYA

Agro-Ecological Zone (AEZ)*	Rainfall Range (mm)	Temperature Range (°C)	Moisture index (%)	Suitable Tree species to Plant
I	1,400 - 2,700	10 - 5	>80	<i>Podocarpus gracilior, Prunus africana, Vitex keniensis, Pinus patula, Cupressus lusitanica, Eucalyptus saligna, Eucalyptus grandis</i>
II	1,000 - 1,600	20 - 12	80- 65	<i>Markhamia lutea, Calliandra calothyrsus, Clorophora excelsa, Ocotea usambarensis, Prunus africana, Vitex keniensis, Cupressus lusitanica, Pinus patula, Leucaena leucocephala, Eucalyptus grandis, Syzygium species, Juniperus procera, Acacia melanoxylon, Croton megalocarpus, Spathodea nilotica, E. urophylla</i>
III	800 - 1,400	26 - 16	65 – 50	<i>Aberia caffra, Cupressus lusitanica, Eucalyptus grandis, Jacaranda mimosifolia, Juniperus procera, Tipuana tipu, Olea africana, , Pinus patula, Phoenix reclinata, Prunus africana, Schinus molle, Spathodea nilotica, Syzygium species, Tephrosia candida, Dombeya torrida, Calodendrum capense, E. globulus, Delonix regia, Calliandra callothyrsus, Grevillea robusta, Brachylena huillensis, E. saligna, E. maculata, Casuarina equisetifolia, Gmelina arborea, Afzelia quanzensis, Araucaria cunninghamii, Moringa stenopetela, Sesbania sesban, Cordia abyssinica, Polyscius kikuyuensis</i>
IV	600 - 700	27 - 19	50 – 40	<i>Leucaena diversifolia, Delonix regia, Faidherbia albida, Vitex payos, Sclerrocarya birrea, Acacia seyal, A. senegal, A. brevispica, Euphorbia spp., Melia volkensii, A. polyacantha, Croton megalocarpus, Dalbergia melanoxylon, Eucalyptus camaldulensis, Balanites aegyptica, Ficus sycomorus, A. gerrardii, A. abyssinica, , Senna siamea, Senna spectabilis, Terminalia brownii, Ximenia americana, Tamarindus indica, Casuarina equisetifolia, Gmelina arborea, Afzelia quanzensis</i>
V	500 - 600	28 - 20	40 – 25	<i>Acacia tortilis, A. mellifera, Balanites aegyptica, Delonix elata, Adansonia digitata, Sclerrocarya birrea, Tamarindus indica, Cordia sinensis, Hyphaene ciriacea, Salvadoria persica, Ziziphus mauritiana, Terminalia spinosa, Erythrina abyssinica, Brachystegia speciformis, Senna siamea, Melia volkensii</i>
VI	300 - 550	30 - 22	25 - 15	<i>Senna siamea, Melia volkensii, Acacia tortilis, A. mellifera, Balanites aegyptica, Delonix elata, Adansonia digitata, Sclerrocarya birrea, Tamarindus indica, Cordia sinensis, Hyphaene ciriacea, Salvadoria persica, Ziziphus mauritiana, Terminalia spinosa, Erythrina abyssinica, Brachystegia speciformis</i>

*Agro-ecological zones are defined on the basis of combinations of soil, landform and climatic characteristics