

Final list of the 10 high potential wood species								
Rang	Potentiel rate (criteria A+B)	Scientific name	Trade/Local name	Growth rate	Benefits	Disadvantages	Recommendation	
							Construction (criteria A)	Agroforestry (criteria B)
1	74	Milicia excelsa	Muvule	Medium growing	Market interest and availability; Excellent physical and mechanical properties; Good natural durability; Good performance in a pure stand	Medium growing species	80%	67%
2	72	Maesopsis eminii	Musizi	Fast growing	Fast growing species; Market interest and availability; Excellent physical and mechanical properties; Good performance in a pure stand; High survival rate and adaptability to field climatic conditions	Low natural durability against fungi and termites	70%	74%
3	65	Markhamia lutea	Musambya	Fast growing	Fast growing species; Market interest and availability; Good resistance to termites; High survival rate and adaptability to field climatic conditions; Good interaction with soil moisture, plant nutrients, and sunlight.	Physical and mechanical properties not ideal; Sensitivity to fungi; Low yield potential	60%	70%
4	65	Terminalia superba	Limba / Frake	Fast growing	Fast growing species; Excellent physical and mechanical properties; High survival rate and adaptability to field climatic conditions; Good performance in a pure stand	Low natural durability against fungi and termites; Little information on its local use and availability on the market	57%	74%
5	63	Khaya anthotheca	Mahogany	Medium growing	Market interest and availability; Excellent physical and mechanical properties	Medium growing species; Low natural durability against termites	67%	59%
6	61	Melia volkensii	Mukau	Fast growing	Fast growing species; Good resistance to termites; High survival rate and adaptability to field climatic conditions	Physical and mechanical properties not ideal; Sensitivity to fungi	50%	74%
7	60	Azalia africana	Azalia	Slow growing	Good natural durability; Good drying reaction; Use in construction; Good performance in a pure stand	Slow growing species; mechanical properties not ideal	57%	63%
8	54	Grivellea robusta	Kabwene	Fast growing	Fast growing species; High survival rate and adaptability to field climatic conditions; Good performance in a pure stand	Physical and mechanical properties not ideal; Low natural durability against fungi and termites	37%	74%
9	51	Albizia Coriaria	Mugavu	Slow growing	Market interest; Use in construction; Good nutrient cycling and nitrogen fixation attributes	Slow growing species; mechanical properties not ideal; Low natural durability against fungi and termites	40%	63%
10	51	Azadirachta indica	Mwarubaini	Fast growing	Fast growing species; good performance for agroforestry in general	Low potential for use in the construction sector	37%	67%
		Low recommendation		Medium recommendation		High recommendation		
Potentiel rate criteria A+B : max 57 pts		0 - 44 [%]		45 - 60 [%]		> 60 [%]		
Potentiel rate criteria A : max 30 pts		0 - 44 [%]		45 - 60 [%]		> 60 [%]		
Potentiel rate criteria B : max 27 pts		0 - 60 [%]		61 - 70 [%]		> 70 [%]		