

Criteria B : based on the potential to become agroforestry species

Ranking	Titel	Description	Mark attached
B.1	Fast growth rate		
	Tree should be fast growing with at least an annual minimum growth rate of 1 meter.	Slow (0 – 0.5m / year)	1
		Medium (0.5 – 1m / year)	2
		Fast (> 1m / year)	3
B.2	High survival rate and adaptability to field climatic conditions		
	Tree should have high survival rate and easy to establish with a wider adaptability to field climatic conditions	Low survival and adaptability rate	1
		Medium survival and adaptability rate	2
		High survival and adaptability rate	3
B.3	Interfere with soil moisture, plant nutrients and sunlight		
	Tree should not interfere with soil moisture, plant nutrients and sunlight	Surface roots or buttress roots and wide canopy (high interference)	1
		Medium surface roots (moderate interference)	2
		No or few surface roots, zero buttress (Low interference)	3
B.4	Nutrient cycling and nitrogen fixation attributes		
	Tree should have high nutrient cycling and nitrogen fixation attributes as well as soil stabilization	Zero leaf decomposition potential (Low nutrient fixing attributes)	1
		Leaf decomposition potential (Moderate nutrient fixing attributes)	2
		N ₂ fixing and leaf decomposition potential (high nutrient fixing attributes)	3
B.5	Endurance of management practices.		
	Tree should have the capability to withstand tree management practices (pruning, pollarding etc)	Does not tolerate Mgt practices (Poor)	1
		Withstands only pruning (medium)	2
		Withstands pollarding, coppicing, pruning (High)	3
B.6	Chemical exudations and harboring pests and diseases		
	Tree should be free from chemical exudations and should not harbor pests and diseases	Tree has chemical exudates	1
		Tree capable of harbouring pests and disease	2
		Tree has no capability of harbouring pests and disease	3
B.7	Multiple uses e.g. fuel wood, timber, fodder/nectar, edible fruits, herbs etc.		
	Tree should have multiple uses e.g. fuel wood, timber, fodder/nectar, edible fruits, herbs etc.	Offers Only firewood	1
		Offers mainly fuel wood and timber	2
		Offers fuel wood, timber, fodder/nectar, edible fruits/herbs etc.	3
B.8	High yield potential		
	Tree species should have high yield potential	Low yield potential	1
		Moderate yield potential	2
		High yield potential	3
B.9	Performance in a pure stand		
	Tree should have high performance in a pure stand	Low performance in pure stands	1
		Moderate performance in pure stands	2
		Highly performance in pure stands	3