

Name	Native to Mozambique	Description	Uses	Growth habitat	System used in
<i>Tamarindus Indica</i> Tamarineiro Tamarind	Native	Large evergreen tree up to 30 m. Slow growing	Fruit, erosion protection. Very hard durable timber. Will take a fine polish and can be used for general carpentry	Grows well in low altitude woodland and savannas	B, M, H, W
<i>Pterocarpus angolensis</i> Mbila Wild teak	Native	Slow growing deciduous tree up to 30 m.	High value, very durable timber. Also useful for medicine, apiculture, fodder and tannins. Nitrogen fixing	Relatively fire tolerant so excellent in frequent burn areas	B, W
<i>Strychnos innocua</i> Mutemo Wild orange	Native	Small, straight stem to 14 m	Fuel wood, fodder, food (fruit). Timber – low quality and medicine	Occurs naturally in open woodland and rocky hills	B, W
<i>Kigelia pinnata / africana</i> Muvunguti Sausage tree	Native	Fast growing, up to 25m	Food (in times of food shortage, seeds can be eaten), fodder (leaves), apiculture, general use timber.	suited to river bank locations and low altitude wet savannas	B, W
<i>Brachistegia spiciformis</i> Msasa Zebra wood	Native	Grows 8 – 25m with flat crown	Shade, fodder, ropes – fibre, apiculture, fuelwood (including charcoal). Very inferior timber	Often co-dominant in miombo woodlands with Julbinardie globiflora	W
<i>Khaya nyasica</i> Umbaua Red mahogany	Native	A large tree - up to 60 m which will achieve fast growth rates	Bee fodder, shade, medicine Timber: Furniture, timber frames, veneer and dugout canoes	Grows well on moist, well drained alluvial soils	B, W
<i>Albizia lebbeck</i> Albizia Indian Walnut	Exotic	Fast growing, commonly 15 – 20m tall	Shade, nitrogen fixing yep Fuel wood and poles - yep good fodder timber and fuelwood	Prefers monsoon climate but tolerant of drought after first year	B, W
<i>Anacardium occidentale</i> Cajeiro / Castanha de caju Cashew	Exotic	Medium growth. Spreading evergreen small tree	Cashew nuts and fruit. The timber is quite hard and is used for furniture or building. Firewood, charcoal	Grows well in moist areas but extensive root systems allow dryer conditions	B, C, H
<i>Swartzia madagascariensis</i> ¹² Pau Ferro Snakebean	Native	Small tree usually 3 - 4m	Close grained wood is good for carving	Low and medium altitude wooded grasslands	W
<i>Millettia stuhlmanii</i> ¹² Panga Panga Millettia	Native	Medium growth rates, 15 – 25 m	Shade, bee fodder, fruit, timber of excellent quality.	Riverine areas and higher rainfall areas are optimal conditions	B, W

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Botanical: <i>Mangifera indica</i> Local: Mangueira Common: Mango	Exotic	Large evergreen to 20m tall	Fruit, fodder, fuelwood (including charcoal), timber (general carpentry), shade and intercropping when young	Lower than 1200m, likes warm climate, tolerant to drought	M, H
<i>Psidium guajava</i> Goiabeira Guava	Exotic	Shrub / small tree 3 – 10 m.	Fruit, apiculture, fuelwood (including charcoal), timber is moderately hard so uses include fence posts	Hardy tree but fruits best at 23 – 28oC	C, M, H
<i>Citrus sinensis</i> Laranjeira Orange	Exotic	Evergreen shrub / tree	Fodder, apiculture, firewood, timber (boards and panelling)	Grows well in varying elevations but is intolerant of waterlogging.	C, M, H
<i>Carica papaya</i> Papaya	Exotic	Tree like herb. 2-10 m tall. Extensive rooting	Food (fruit), latex / rubber, medicines	Exposure to wind and waterlogging damage plant. Prefers sheltered sites	C, M
<i>Persea spp (Americana).</i> Abacateira Avocado	Established exotic in Mozambique	Medium to large tree 9 – 20m mainly evergreen	Food and oils from fruit, fodder (surpluss fruit), apiculture, timber	Suited to dry lowland tropical environments	H
<i>Morus alba</i> Mulberry	Exotic range in Mozambique.	Fast growing tree up to 35m	Food (leaves), fodder, fuelwood. Timber is medium weight hardwood suitable for building. Erosion control.	Subtropical or mild temperate climate – susceptible to drought.	C, M
<i>Ziziphus Mauritania</i> Massanica Ziziphus	Native to north Africa. Naturalised in Mozambique	A medium sized tree with fast growth rate is first years	Medium weight hardwood, is durable but will split easily. Used for construction and furniture. Excellent fuelwood including charcoal. Fruit, fodder, apiculture, shelter	Extremely tolerant of adverse conditions including drought	B, C, M, H, W
<i>Cordia Africana</i> Mutondo Wild mango	Native	Fast growing in early years to 4 – 15 m	Fruit, timber though difficult to saw, a good tree for apiculture	Occurs in savannas often along riverbanks	B, W
<i>Azelia quanzensis</i> Chamfuta Pod mahogany	Native	Fast growing in first seven years to 24 m	Hard timber, easy to work, durable and resistant to termites. Used for construction, boat building, furniture, flooring and turning	Drought resistant. Grows in low lying woodland	B, W
<i>Sclerocarya birrea</i> Amarulla Marula	Native	Medium growth rates to 18 m	Shade, fruit, timber: Light, soft timber suitable for crafts and furniture	Suited to wooded grassland but found on hills	B, W

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<i>Citrus Limon</i> ³ Lemon Limoeiro	Introduced	Small tree grows 3 – 6m	Food and medicinal fruit, fine grained and compact wood useful for detailed work	Sensitive to cold but grows in dry and humid tropical areas	H
<i>Piliostigma spp. (thonningii)</i>	Native to other E. African countries	Stays small tree but reaches 4 – 15 m tall	Fruit and bee fodder, fodder general timber, intercropping, erosion control	Medium to low altitudes. Suited to wooded grasslands	
<i>Albizzia adanthyfolia</i> Flatcrown	Native	Widespreading tree, 6 – 15 m tall	Fruit, general purpose timber, erosion control, intercropping with food crops	Suited to a wide range of areas. Found commonly at forest edge	
<i>Gliricidia sepium</i> Gliricidia	Exotic	Small tree 2 - 15m deep roots	Fuelwood (wood burns slowly), apiculture, good fodder coarse grained timber. Shade, soil improver	Grows well in early – middle successional areas (slopes, floodplains)	I
<i>Delonix regia</i>	Native to Madagascar	Grows to 10 – 15m	Fuelwood, limited use timber, forage, live fence and shelter	Grows well in a variety of habitats	
<i>Calliandra calothyrsus</i> Calliandra	Exotic	Small thornless shrub, usually 5 – 6m	Fodder, apiculture, fuel (suited to coppice) soil improving (nitrogen fixing)	Often colonises disturbed sites	I
<i>Sesbania sesban</i>	Native to Kenya and Uganda.	Shrub or small tree 1 – 7 m tall	Fodder, soil improver, intercropping, coppices easily	Suited to tropics, and a range of elevations, tolerant to waterlogging	
<i>Jatropha curas</i> Jatropha	Exotic. Naturalised in the tropics	Perennial shrub / small tree up to 6m	Biodiesel (oil from seeds) is cost effective. Livefence, intercropping, soil improver (green manure)	Best suited to arid and semi arid conditions	
<i>Albizzia versicola</i> Large-leaved false-horn	Native	10m+ deciduous tree. Spreading crown	Shade, nitrogen fixing (good intercropping), fodder, bee-fodder, fuelwood including charcoal	Occurs at various altitudes in open woodlands	
<i>Julbernardia globiflora</i> ¹ Muhimbe	Native	Deciduous tree, up to 15m	Bee fodder, shade. Low quality wood but durable so suitable for general purpose	Co-dominant with <i>Brachystgia spiciformis</i> in Miombo woodland	
<i>Faidherbia albidia</i>	Native	Large thorny tree 30m. Roots to 40m depth.	Food (seeds), fodder, apiculture, (flowers end of rainy season). Agroforestry - reverse phenology (leaf out is at beginning of the dry season).	Grows on the banks of rivers. Tolerant of dry spells and waterlogging.	

References:

Agroforestry Tree Database. <http://www.worldagroforestry.org/Sites/TreeDBS/Treedatabases.asp>
All unless specified.

¹Trees of Southern Africa. (2002) Keith Coates-Palgrave. Struik Publishers.
As specified.

²Flora of Zimbabwe. <http://www.zimbabweflora.co.zw/index.php>
As specified.

³Crop Resource Online Programme, Purdue University.
<http://www.hort.purdue.edu/newcrop/morton/lemon.html>. *As specified.*

Key to systems

W = Woodlot

H = Homestead planting

B = Boundary planting

I = Dispersed interplanting

M = Mango fruit orchard

C = Casew orchard

Not specified trees can be used as
desired.