CHARACTERIZATION OF TROPICAL GRASSES

Species	Climate	Soil type	Drainage	Plant density
Tropical grasses				
Bothriochloa pertusa	Sub-humid	Neutral		50cm within and between rows
Brachiaria decumbens	Sub-humid	Acid	Waterlogging tolerant	50cm within and between rows
Cenchrus ciliaris	Semi-arid	Neutral	Good drainage	50cm within and between rows
Chloris gayana	Semi-arid	Acid		50cm within and between rows
Cynodon dactylon	Semi-arid	Acid		50cm within and between rows
Melinis minutiflora	Sub-humid	Neutral	Good drainage	50cm within and between rows
Panicum coloratum	Semi-arid	Neutral	Good drainage	50cm within and between rows
Panicum maximum	Sub-humid	Acid		50cm within and 100cm between rows
Paspalum dilatatum	Sub-humid	Neutral	Waterlogging tolerant	50cm within and between rows
Paspalum plicatulum	Sub-humid	Neutral	Waterlogging tolerant	50cm within and between rows
Pennisetum clandestinum	Highland	Acid		50cm within and between rows
Pennisetum purpureum	Sub-humid	Broad adaptation	Waterlogging tolerant	50cm within and 100cm between rows
Setaria sphacelata	Sub-humid	Broad adaptation	Waterlogging tolerant	50cm within and between rows
Sorghum almum	Sub-humid	Neutral		50cm within and between rows
Urochloa mosambicensis	Sub-humid	Broad adaptation		50cm within and between rows

Zone definitions:
Semi-arid zone - 600-1000 mm rainfall, 0-180 growing days
Sub-humid zone - 1000-1500 mm rainfall, 180-270 growing days
Highland zone - >1500 m altitude