

CHARACTERIZATION OF TROPICAL GRASSES

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

