

Guinea Grass – *Panicum maximum*

- Season & varieties
  - Thru' year – CO 1
- Field preparation
  - Well drained soil with ridges & furrows, not at heavy clay
  - FYM 25t
- Seed rate
  - 2.5 kg /ha, Slips - 66,000 nos.
- Spacing
  - 50 x 30 cm
- Fertilizer
  - 50-50-40 NPK
  - 25 kg N at every cut
- Harvest
  - First cut at 75 DAS or 45 DAP, then at 45days
  - Green fodder 175 t from 8 cuts
  - May be intercropped with Hedge Lucerne for nutritious fodder

Blou Buffel Grass / Anjan grass - *Cenchrus glaucus*

- Season & varieties
  - NE Monsoon – CO 1 (Neela Kolukkattai)
- Field preparation
  - Well drained soil high ca content with ridges & furrows
  - FYM 25 t
- Seed rate
  - 6-8 kg /ha
- Spacing
  - 50 x 30 cm, sow at shallow depth, break seed dormancy
- Fertilizer
  - 25-40-20 NPK
  - 25 kg N at every cut
- Harvest
  - First cut at 75 DAS, then 4-6 cuts depending upon growth
  - Green fodder 40 t from 4 cuts

## Bajra Nappier Hybrid

- Season & varieties
- Thru' year – BN 2, NB 21, CO 1, CO 2
- Field preparation
  - Well drained soil with ridges & furrows – not at heavy clay
  - FYM 25t
- Seed rate
  - 40,000 slips

- Spacing
  - 50 x 50 cm
- Fertilizer
  - 50-50-40 NPK
  - 100 N kg after each cut
- Harvest
  - Cut at 75-80 DAP subsequent at 45 days interval
  - Green fodder 250 - 400 t

Deenanath Grass - *Pennisetum pedicillatum*

- Season & varieties
  - Thru' year – CO 1
- Field preparation
  - Well drained soil with ridges & furrows
  - Heavy clay or water logging not suitable
  - FYM 25t
- Seed rate
  - 2.5 kg
- Spacing
  - 30cm solid row
- Fertilizer
  - 40-60-40 NPK
  - 20 N kg on 30th DAS
- Harvest
  - 55-60 DAS
  - Green fodder 40 - 45 t also as rainfed 20-25 t

Para grass / Water grass / Buffalo grass

*Brachiaria mutica*

- Season & varieties
  - Thru' year
- Field preparation
  - All type of soils more suited to moist and waterlogged soils
  - FYM 25t
- Seed rate
  - 40,000 slips
- Spacing
  - 50 x 50 cm
- Fertilizer
  - 20-40-0 NPK
  - 20 N kg after each cut
- Harvest
  - Cut at 60-90 DAP subsequent at 30-45 days interval
  - Green fodder 200 - 240 t

Other grasses

- Marvel grass
  - *Dicanthium annulatum*
- Rhodes Grass

- *Chloris gayana*
- Elephant grass / Napier grass
  - *Pennisetum purpureum*
- Johnson grass
  - *Sorghum helepense*
- Sudan grass
  - *Sorghum sudanense*