

**FORAGE CROP (PERENNIAL)**  
**Hybrid Napier**  
(*Pennisetum purpureum*)

**Varieties:** NB 21, IGFRI-6, CO-2, CO-4, CO-5

**Soil Type:** Well drained soils should be selected.

**Land Preparation:** One ploughing by mould board plough followed by 2-3 harrowings and puddlings are sufficient to prepare the land.

**Time of Planting:** April to June

**Spacing:** Row to row : 50 cm  
Plant to plant : 50 cm

**Manures and Fertilizers:** Apply compost or FYM @ 8-10 t/ha or 1-1.5 t/bigha.

Nutrient	Requirement (kg/ha)	Form	Fertilizer requirement	
			kg/ha	kg/bigha
N	120	Urea	265	35
P <sub>2</sub> O <sub>5</sub>	50	SSP	310	45
K <sub>2</sub> O	30	MOP	48	7

Nitrogenous fertilizer should always be applied in 4 splits. Entire quantities of phosphatic and potassic fertilizers along with the first split of nitrogen are to be applied as basal dressing and the other 3 splits at the time of intercultural operation and after alternate cutting.

Fertilizer savings to the tune of 50% could be possible by application of vermicompost and FYM @ 2.5 t/ha each along with 50% recommended dose of fertilizer.

**Irrigation:**

First irrigation should be given immediately after planting. Subsequent irrigation will depend upon the amount of rainfall.

**Number of Cuttings:**

During the first year 4-6 cuttings may be done. First cutting is done 3 months after planting and subsequent cuttings are done at an interval of 5-7 weeks.

**Green fodder yield:** 80 – 100 t/ha