Green Fodder Cultivation

Species	Area for green fodder to be cultivated per head (in cents)
Cattle	5
Sheep /Goat	1

Hybrid Napier	Guinea grass	Sorghum	Hedge lucerne	Subabul	Stylo
					

Sl. No.	Particulars	Grasses		Cereals	Trees and shrubs		Legume
		Hybrid Napier	Guinea Grass	Sorghum	Hedge Lucerne	babul	Stylo
1	Varieties	CO-4	Hamil	COFS-29	Dasrath	Peru, K-8,Cunningham	S.hamata S.scabra
2	Showing time	Feb-Aug. any time in tropical and sub topical areas	Feb- Aug. any time except winter	Jun-Aug. Jan-May with irrigation	Any time of year with irrigation	Direct sowing during monsoon season , transplanting any time with irrigation	June-Aug, Jan –May with irrigation
3	Seed rate (kg/ha)	40000 slips	30-40 thousand cuttings	25-40	10	8-10	S.hamata 20-25 S.scabra 10-15
4	Row to row spacing (cm)	50-75	45-60	30	100	100x100 for fodder 400x300 in silvipasture	S.hamata -30 S.scabra -45
5	Nutrient application(kg/ha)						
	Nitrogen	150	150	80	30	45	30
	Phosphorus	60	60	30	50	60	60
6	Irrigation interval (days)	10-15 in winter and 8-10 days in summer	10-15 in winter and 8-10 days in summer	10-15	20 in summer 35-40 in winter	25-35 days	20-30
7	Stage of cutting after planting (days)	60-75	50-60	35-40	120	5-7 months or 1-2 m height	75-80
8	Period of	40-45	50-60	35-40	45-60	35-40 in	75-80

	harvest(days)For subsequent cuttings					monsoon 50-60 in summer	
9	Number of cuttings	5-6	3-4	4-5	6-7	3-4 per annum	2-3
10	Fodder yield (Q/ha)						
	Green	1800-2500	500-600	400-500	300-350	400-500	400-450
11	Dry	450-625	125-150	100-125	75-85	100-125	75-100
11	Crude protein %	10.2	6.7	6.8	18-20	18-20	100-125
12	Special feature and tolerance	Saline soil	Acid soil and shade resistance	Saline soil and calcareous soil	Saline soil	Versatile	Wasteland and ravines