

**PACKAGE OF PRACTICE OF DIFFERENT FODDER CROPS**

Season	Sl. No.	Name of the crops	Botanical Name	Varieties	Soil	Land preparation	Seed rate ( kg/hact.)	Seed treatment by Bio-Fertilizer (kg/hact.)			Sowing time	Manures & fertilizer (hact)	
								Azospirillum	Rizobium	P.S.B.		Cow dung (ton/hact)	Vermi compost (ton/hact)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Kharif	1.	Maize	Zea maize	J-1006, Africantall, Vijay Composite, Jawahar	Loam to clay loam	3-4 Ploughing	30-40	2.00	-	2.00	May-August	5	1
	2.	Sorghum	Sorghum bicolor(L) Moench	PC 23, MP Chari, PC - 6,HC-136, HC-308, PCH 106, Sweet Sudan( SSG-59-3),	Loam to clay loam	3-4 Ploughing	25-30	2.00	-	2.00	May-July	4	1
	3.	Teosentee	Euchaleana maxicana	Sirsa improved, TL-1, Rhuri	Loam to clay loam	3-4 Ploughing	30-40	2.00	-	2.00	May-July	4	1
	4.	Coix	Coix aquatica	Coix aquatica	Loam to clay loam	3-4 Ploughing	30-40	2.00	-	2.00	May-July	4	1
	5.	Ricebean	Vigna calcaratus	Bidhan-1 & 2, K-1, K-15 RBL-1& 6	Loam to clay loam	3-4 Ploughing	25-30	-	2.00	2.00	May-July	2	1
	6.	Cowpea		Bundel -1, 2, EC -4216, UPC 4200, UPC-287	Loam to clay loam	3-4 Ploughing	25-30	-	2.00	2.00	May-July	2	1
	7.	Bajra	Pennisetum americanum	Giant Bajra, K-677, Raj Bajra, Chari-2	Light Loam to sandy loam	3-4 Ploughing	25-30	-	2.00	2.00	June- Aug	4	1
Rabi	1.	Oats	Avena sativa	JHO 851, JHO-822, Kent,OS-6, UPO-212 & OL -125	Well drained Loam to clay loam	3-4 Ploughing	80-100	2.00	-	2.00	Oct-Dec	5	1
	2.	Barseem	Trifolium alexandrinum	Mascavi, Wardan, BL-10, 22,1,2	Loam to clay loam	4-5 Ploughing	25-30	-	2.00	2.00	Oct-Nov	3	1
	3.	Lucerne	Medicago sativa	Anand-1,2, Type-9, Co-1	Loam to sandy loam	4-5 Ploughing	20-25	-	2.00	2.00	Oct-Nov	5	1
	4.	Masterd	Brassica chinensis	Chinese Cabage	sandy loam	4-5 Ploughing	5-6	-	2.00	2.00	Oct-Nov	3	1
Perennial	1.	Guinea	Penicum	Hamil, Makuinea,	Loam to	5-6	35000-	2.00	-	2.00	June-Aug	5	1

grasses		grass	maximum	Riversdale, PGG-1, 3.	sandy loam	Ploughing	40000 (Root slips)							
	2.	Hybrid Napier	Pennisetum perpeurium	Pusa Giant, NB-21,IGFRI-7, IGFRI -10, CO-3,	Light Loam to sandy loam	3-4 Ploughing	35000-40000 (Cuttings)	2.00	-	2.00	May-Aug	5	1	
	3.	Paragrass	Brachiaria mutica	Local	Light Loam to clay loam	3-4 Ploughing	35000-40000 (Root slips)	2.00	-	2.00	June-July	3	1	
	4.	Stylo	Stylosanthes	Stylosanthes hamata, S. Scabra, Stylosanthes Guyanensis	Light Loam to clay loam	2-3 Ploughing	5-6	-	2.00	2.00	May-July	3	1	
	5.	Subabool	Leucaena leucocephala	K- 341, 8, 28, 67, & 63.	Well drained medium soil	2-3 Ploughing	20-30 kg. for line sowing & 2-3 kg. by transplanting	-	2.00	2.00	May-June	3	1	

Chemical fertilizer/ha.			Type of sowing	Irrigation	Top dressing/ha.	Earthing up	Weeding	Birds scarring	Time of harvesting (After sowing date)		Green Fodder (Qtls/ha.)	Seed (Qtls/ha.)
N	P	K							Green Fodder	Seed		
120	50	30	Line	Rainfed/ summer 3-4 times	150kg	After plant ht. of 8-10 inch.	Hoing by spade	Require	60 days	90-100 days	400-500	20-25
100	50	30	Line/Broadcasting	Rainfed/ summer 2-3 times	150kg	-	-	Require	50 days	90-100 days	400-500	10-12
80	30	30	Line/Broadcasting	Rainfed/ summer 3-4 times	150kg	-	Hoing by spade	-	45-50 days	120-130 days	350-450	8-10
100	50	30	Line/Broadcasting	Rainfed	150kg.	-	Hoing by spade	-	60-70 days	120-130 days	200-250	10-12
25	60	30	Line/Broadcasting	Rainfed	-	-	-	-	140-150 days	300-320 days	250-200	8-10
25	60	30	Line/Broadcasting	Rainfed	-	-	Hoing by spade	-	50-60 days	100-120 days	250-300	9-10
25	60	30	Line/Broadcasting	Rainfed	-	-	-	-	40-50 days		350-400	
120	50	30	Line/Broadcasting	3-4 times	150kg	-	-	Require	60 days	120 days	400-500	5.0 – 7.0
25	60	30	Line/Broadcasting	7-8 times	-	-	-	-	80-90 days	120 days	800-1000	2.0-3.0
120	50	30	Line/Broadcasting	As per requirement	-	-	-	-	80-90 days	120 days	800-1000	1-1.5
20	100	30	Line	7-8 times	-	-	-	-	60-70 days	90 -120 days	800-1000	15 - 20
120	50	30	Line	As per requirement	150kg	After plant ht. of 1 ft.	-	-	70 days (1 <sup>st</sup> cutting)	120-150 days	1300-1400	0.5-1.0
120	50	30	Line	As per requirement	150kg	After plant ht. of 1 ft.	-	-	70-80 days(1 <sup>st</sup> cutting)	120-150 days	1300-1400	0.5-1.0
20	60	30	Line/Broadcasting	As per requirement	150kg	-	-	-	70-80 days	120-150 days	350-400	0.5-1.0
100	60	30	Line	As per requirement	-	-	-	-	70-80 days		400-500	
40	15	15	Line	2-3 times	-	-	-	-	At the ht. 1.50 m.		250-300 per year	