

Plan of Lay-Out with details for cropping systems Exp. 1(a) from June 2021 onward (*Kharif*)

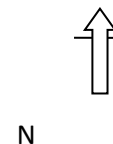
N

Mango plot							
R-I			R-II			R-III	
T5 Rice (GR 15) (125 D)	T6 Rice (GR 15) (125D)		T5 Rice (GR 15) (125 D)	T6 Rice (GR 15) (125 D)		T5 Rice (GR 15) (125 D)	T6 Rice (GR 15) (125 D)
T1 Rice (GR 17) (Sardar) (115D)	T2 Rice (GR 17) (Sardar)(115D)		T3 Rice (GR 17) (Sardar)(115D)	T4 Rice (GR 17) (Sardar)(115D)		T1 Rice (GR 17) (Sardar)(115D)	T3 Rice (GR 17) (Sardar) (115D)
T3 Rice (GR 17) (Sardar) (115D)	T4 Rice (GR 17) (Sardar)(115D)		T2 Rice (GR 17) (Sardar)(115D)	T1 Rice (GR 17) (Sardar)(115D)		T4 Rice (GR 17) (Sardar)(115D)	T2 Rice (GR 17) (Sardar) (115D)
T7 Rice (GNR7) (125D)	T9 Rice (GNR7) (125D)		T8 Rice (GNR7) (125D)	T9 Rice (GNR7) (125D)		T10 Rice (GNR7) (125D)	T7 Rice (GNR7) (125D)
T10 Rice (GNR7) (125D)	T8 Rice (GNR7) (125D)		T7 Rice (GNR7) (125D)	T10 Rice (GNR7) (125D)		T8 Rice (GNR7) (125D)	T9 Rice (GNR7) (125D)
Sub Road							

Details	NS 6.0 m	EW 6.3 m	
Plot size (G)	6.3 m x 6.0 m (37.8 m ²)	Plot size (N)	5.4 m x 5.4 m (29.16 m ²)
seedrate/plot	114 g	seedrate/30 plot	3.402 kg
SSP/plot	709 g	SSP/30 plot	21.26 kg
AS/plot	1.890 kg	AS/30 plot	56.70 kg (3 split)
Spacing:	20 cm x 15 cm	Direction of sowing	EW
No. of line/plot (G)	30 (42)	No. of line/plot (N)	27 (36)
RDF	100-30-00 NPK kg/ha	Seedrate	30 kg/ha

Plan of Lay-Out for Exp. 1(a) from June 2021 onward (*Rabi*)

Mango plot													
R-I				R-II				R-III					
T5 Mustard	T6 Fenugreek			T5 Mustard	T6 Fenugreek			T5 Mustard	T6 Fenugreek				
T1 Indianbean	T2 Gram			T3 GM	T4 Sweet corn			T1 Indianbean	T3 GM				
T3 GM	T4 Sweet corn			T2 Gram	T1 Indianbean			T4 Sweet corn	T2 Gram				
T7 Sorghum (F)	T9 Castor + Cabbage			T8 Carrot (F)	T9 Castor + Cabbage			T10 Brinjal + Spinach	T7 Sorghum (F)				
T10 Brinjal + Spinach	T8 Carrot (F)			T7 Sorghum (F)	T10 Brinjal + Spinach			T8 Carrot (F)	T9 Castor + Cabbage				
Sub Road													



Details of Exp. 1(a) from June 2021 onward (*Rabi*)

Tr.	Crop	Variety	Duration (Days)	Seed rate /3plot	Spacing (cm ²)	SSP/ 3plot	AS/ 3plot	Urea/ 3plot	MOP / 3plot	Lines /GP	Lines /NP	Sowing Dire.	RDF
T1	Indianbean	GW2	110	0.680	60x30	2.835	0	0.493	0	10 (21)	8 (18)	EW	20-40-0
T2	Gram	GG5	105	0.907	30x10	2.835	0	0.493	0	21 (60)	18 (54)	NS	20-40-0
T3	Sunhemp	Local	50	0.907	BC	2.835	0	0.493	0	-	-	-	20-40-0
T4	Sweet corn	Sugar 75	95	0.140	60x15	4.253	0	2.960	0	10 (42)	8 (36)	EW	120-60-0
T5	Mustard	GDM-4	110	0.052	45x10	3.544	2.835	0	0	14 (60)	12 (54)	NS	50-50-0
T6	Fenugreek (V)	Local/GM-1	40	0.460	BC	1.418	0	0.986	0	-	-	-	20-20-0
T7	Sorghum (F)	GFS-6	80	0.680	30x10	2.835	0	1.973	0	21 (60)	18 (54)	NS	80-40-0
T8	Carrot (F)	GDC-1	80	0.114	30x10	3.544	0	2.467	0.978	21 (60)	18 (54)	NS	100-50-50
T9	Castor +	GNCH-1+	110	0.080	120x45	2.835	6.804	0	0	5 (14)	3 (12)	EW	120-40-0
	Cabbage (2L)(69%)	Golden Acre	95	0.005	40 x 45	3.544	0	3.300	0.489	10 (14)	8 (12)	EW	200-75-37.5 (138-52-26, 67%)
T10	Brinjal +	GNRB-1+	110	0.005	75x45	3.544	0	2.467	0.978	8 (14)	6 (12)	EW	100-50-50
	Spinach (2line) (Beetleaf) (80%)	Pusa Jyoti	70	0.113	25 x15	0	0	0.992	0	16 (42)	14 (36)	EW	20kgN/split (15kgN,67%)
Total						34.022	9.639	16.624	2.445				
Details : NS 6.0m , EW 6.3m			Plot size (G)		6.3 m x 6.0 m (37.8 m ²)								
Plot size (N)			5.4 m x 5.4 m (29.16 m ²)		Indianbean, Sweetcorn					5.4 m x 4.8 m (25.92 m ²)			
Brinjal (N)			5.4 m x 4.5 m (24.3 m ²)		Castor(N)					5.4 m x 3.6 m (19.44 m ²)			
Spinach (N)			5.4 m x 5.0 m (27 m ²)		Cabbage(N)					5.4 m x 4.40 m (23.76 m ²)			

Plan of Lay-Out for Exp. 1(a) from June 2021 onward (Summer)

Mango plot									
R-I			R-II			R-III			
T5 Green gram	T6 Groundnut		T5 Green gram	T6 Groundnut		T5 Green gram	T6 Groundnut		
T1 Fallow	T2 Fallow		T3 Okra	T4 Green gram		T1 Fallow	T3 Okra		
T3 Okra	T4 Green gram		T2 Fallow	T1 Fallow		T4 Green gram	T2 Fallow		
T7 Cowpea (F)	T9 Castor continue		T8 Sorghum (F)	T9 Castor continue		T10 Brinjal continue	T7 Cowpea (F)		
T10 Brinjal continue	T8 Sorghum (F)		T7 Cowpea (F)	T10 Brinjal continue		T8 Sorghum (F)	T9 Castor continue		
Sub Road									



Details of Exp. 1(a) from June 2021 onward (Summer)

Tr.	Crop	Variety	Duration (Days)	Seed rate /3plot	Spacing (cm ²)	SSP/ 3plot	AS/ 3plot	Urea/ 3plo	MOP/ 3plot	Lines /GP	Lines /NP	Sowing Dire.	RDF
T1	Fallow	-	-	-	-	-	-	-	-	-	-	-	-
T2	Fallow	-	-	-	-	-	-	-	-	-	-	-	-
T3	Okra	GAO-5	120	0.091	45x30	3.544	-	2.467	0.978	14 (20)	12 (18)	NS	100-50-50
T4	Green gram	GM 6	75	0.182	45x10	2.835	-	0.493	-	14 (60)	12 (54)	NS	20-40-0
T5	Green gram	GM 6	75	0.182	45x10	2.835	-	0.493	-	14 (60)	12 (54)	NS	20-40-0
T6	Groundnut	GG-34	120	1.134	45x10	3.544	1.418	-	-	14 (60)	12 (54)	NS	25-50-0
T7	Cowpea (F)	GFC-4	80	0.454	30x10	2.835	-	0.493	-	21 (60)	18 (54)	NS	20-40-0
T8	Sorghum (F)	GFS-6	80	0.680	30x10	2.835	-	1.973	-	21 (60)	18 (54)	NS	80-40-0
T9	Castor continue	GNCH-1	80	-	120x45	-	-	-	-	-	-	-	-
T10	Brinjal continue	GNRB-1	70	-	75x45	-	-	-	-	-	-	-	-
Total						18.428	1.418	5.919	0.978				

Details	NS 6.0m	EW 6.3m	
Plot size (G)	6.3 m x 6.0 m (37.8 m ²)	Plot size (N)	5.4 m x 5.4 m (29.16 m ²)
Brinjal (N)	5.4 m x 4.5 m (24.3 m ²)	Castor (N)	5.4 m x 3.6 m (19.44 m ²)