

NFSM-Pulses

Cluster Demonstrations-Interventions in detail :

I.Red gram Transplantation -5000 Ha

Area of Operation:

Kancheepuram, Thiruvallur, Cuddalore, Villupuram, Vellore, Thiruvannamalai, Salem, Namakkal, Dharmapuri, Krishnagiri, Coimbatore, Tirupur, Erode, Trichy, Perambalur, Karur, Theni, Madurai, Dindigul, Sivaganga, Virudhunagar, Tirunelveli, Tuticorin.

Split up of Inputs

S.No	INPUTS	Quantity	Total cost
1	Seeds	2.5 Kg	250.00
2	Bio-fertilizers(Rhizobium+Phosphobacteria)		100.00
3	Mn mixture 5 kg+PUSA Hydrogel**		2300.00
4	Weedicide	500ml	840.00
5	Tricoderma viridi/Pseudomonas	2.5 kg	300.00
6	Bio-Pesticide	2.5 litres	560.00
7	PP Chemical		1100.00
8	Poly bag 6250 Nos @Rs.0.25		1550.00
9	Field day,Documentation		800.00
	Total		7500.00

** For Every Hectare ,1 acre should be covered with PUSA Hydrogel

II.Synchronised maturity varieties:-1000 Ha

CORG (7) in Redgram, VBN-6 in Black Gram and Co8 in Green Gram are

Synchronised maturity varieties. Demonstrations should be laid out in 400, 300, 300, ha. For the crops respectively. Mechanical harvesting should be demonstrated in these areas

Area of Operation

Cuddalore, Pudukottai, Krishnagiri, Villupuram, Vellore, Salem, Dharmapuri, Trichy

Split up of Inputs

S.No	INPUTS	Quantity	Total cost
1	Seeds	20 Kg	1600
2	Bio fertilizer		100
3	Gypsum	110 Kg	305
4	DAP foliar spray/ pulse Wonder	25 Kg	1300
5	Weedicide	500 ml	840
6	PP Chemical		1169
7	Harvesting hiring charges		1386
8	Field day, Documentation		800
	Total		7500

- Promotion of improved varieties like CORG7 in Redgram , VBN 6 in Blackgram and Co8 in Green gram.

III.Demostration on planting of Kharif pulses on ridges – 500ha

Area of Operation

Villupuram Krishnagiri, Dharmapuri, Theni ,Karur

Split up of Inputs

S.No	INPUTS	Quantity	Total cost
1	Seeds	20 Kg	1600
2	Bio fertilizer/Liquid Biofertilizer		100
3	Ridges & Furrows formation		1000
4	DAP foliar spray/ Pulses wonder	25 Kg	1300
5	Weedicide	500 ml/ha	840
6	PP Chemical		1160
7	Znso4(S as nutrient)		700
8	Field day,Documentation		800
	Total		7500

Sourcing of Seeds

- Promotion of improved varieties like CORG7 in Redgram .

IV)Rice fallow pulses-1400 Ha

Package of Technologies with respect to rice fallow pulses would be demonstrated

Area of Operation

Tiruvarur,Nagapattinam, Cuddalore,Trichy,Ariyalur,Pudukottai,Thanjavur,Tirunelveli,Tuticorin

Split up

S.No	INPUTS	Quantity	Total cost
1	Seeds	30 Kg	2400
2	Bio-fertilizers		100
3	DAP foliar spray/ Pulse Wonder	25 Kg	1300
4	Pusa Hydrogel**	0.5Kg/0.5acre	900
5	Weedicide(Imazethypyr+Quizalophobethyl)	500 ml+500ml	1250
6	IPM Package		750

7	Field day,Documentation		800
	Total		7500

**For Every Hectare ,0.5 acre should be covered with PUSA Hydogel

Sourcing of Seeds

- Promotion of improved varieties like VBN-4 in Blackgram , Co-6 and Co-7 in Green gram.
 - In general improved varieties less than 10 years should be used in variably for all demonstrations.
 - Bund cropping and intercropping should be promoted in demonstrations wherever possible.

CROPPING SYSTEM BASED DEMONSTRATIONS -Interventions in detail

In Delta districts after harvest of rice fallow pulses farmers go in for summer irrigated pulses where assured irrigation is available. Te cropping system based demonstrations would be implemented in 3176 ha under this cropping system demonstrations. The demonstrations should be done in the same field.

Area of Operation

Nagapattinam, Tiruvarur, Cuddalore, Thanjavur, Trichy, Tirunelveli

Split Up- First season -Rice Fallow Pulses:

Sno	Inputs	Quantity	Total cost
1	Seeds	30 Kg	2400
2	Bio fertilizer		100
3	DAP foliar spray/Pulse wonder	25 Kg/Ha	1300
4	Weedicide(Imazethypyr+Quizalophobethyl)		1250
5	IPM Package		750
6	Field day,Documentation		800
	Total		6600

Split Up -Second season –Summer Irrigated:

Sno	Inputs	Quantity	Total cost
1	Seeds	20 Kg	1600
2	Bio fertilizer		100
3	DAP foliar spray/Pulse wonder	25 Kg	1300
4	Weedicide	500 ml	931
5	PP Chemical		1169
6	Field day,Documentation		800
	Total		5900

Sourcing of Seeds

Promotion of improved varieties like VBN-4 in Blackgram , Co-6 and Co-7 in Green gram.