

Clustered Frontline Demonstration in Oilseeds (2020-21)

Clustered frontline, demonstration on oilseeds (groundnut, rapeseed, mustard and sunflower) was organized through KVKs in 722.8 ha in *rabi* season. An area of 462.8 ha was covered with 1157 farmers in Odisha. Groundnut was covered in 212.8 ha through 532 demonstrations. Demonstration yield was 22.94 q/ha in groundnut, increase in yield was 32.1%. Rapeseed and mustard was covered in 210 ha benefitting 525 farmers. The average yield in demonstration 7.16 q/ha in Odisha which showed 58.8% yield increase. Sunflower was also covered in 40 ha. The average yield was 14.3 q/ha in sunflower. Thus, it was 55.4% increase in yield. In West Bengal, 260 ha was covered by oil seeds in *rabi* season. Groundnut was covered in 225 ha which showed yield potential of 28.98 q/ha (39% increase over local check). Rapeseed and mustard were covered in 170 ha with 425 farmers. The average yield of rapeseed and mustard was 13.7 q/ha which was 38.1% higher than local check. In summer season, the coverage of oilseed was 1240 ha through 3100 demonstrations. The results are waited for these demonstrations.

State- and crop-wise performance of CFLD Oilseeds during 2020-21 (*rabi* season)

State	Crop	Target of FLD approved		Achievements of FLD		Yield (q/ha)		% Increase	Difference in yield (qt/ha)
		No. of Demo	Area (ha)	No. of Demo	Area (ha)	Dem o	Local		
Odisha	Groundnut	532	212.8	532	212.8	22.94	17.36	32.14	5.58
	Rapeseed & Mustard	525	210	525	210	7.16	4.51	58.76	2.65
	Sunflower	100	40	100	40	14.30	9.20	55.43	5.10
West Bengal	Groundnut	225	90	225	90	28.98	20.71	39.93	8.27
	Rapeseed & Mustard	425	170	425	170	13.65	9.88	38.16	3.77
Total		1807	722.8	1807	722.8				

State- and crop-wise performance of CFLD Oilseeds under NFSM during 2020-21 (*summer* season)

State	Crop	Target of FLD approved		Achievements of FLD	
		No. of Demo	Area (ha)	No. of Demo	Area (ha)
Odisha	Groundnut	225	90	225	90
	Sesame	625	250	625	250
	Sunflower	175	70	175	70
West Bengal	Groundnut	525	210	525	210
	Sesame	1175	470	1175	470
	Sunflower	375	150	375	150

Clustered Front Line Demonstration on groundnut at Nabarnpur, Odisha

Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)			Demonstration plot			
			Max	Min	Av.	D	S	P	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
Improved variety ICGV91114(Dev i) ,Line sowing (30x10cm),	20	10	17.2	15.4	16.3	29.7	2.1	18.5	66500	131500	65000	1.97

