Success StoryFor CFLD Pulses under NFSM

KVK/Districts	:	Mahasamund	
Farmers Name	:	Shri Jug Singh	
Address	:	Village Chhuiha Block- Baghbahara Distt. Mahasamund	
Background information	:	Farmer used to grow pulses conventionally	
GPS Coordinate	:	Latitude: N 21° 5' 16.24"	
	:	Longitude: E 82° 31' 19. 66	
Name of Crop	:	Black Gram	
Variety	:	PU-31	
Area (ha.)	:	0.8	
No. of demonstrations	:	01	
Institutional Involvement	:	KVK Mahasamund	
Demonstrated yield (q/ha)	:	5.4	
State yield (q/ha)	:	4.6	
National yield (q/ha)	:	4.51	
Important Parameters	:	**Findings/results**	
	:	**Varity/ Practice/Intervention**	**Local/control**
Germination	:	95	90
Plant population (per m^2)	:	27	20
Weed count (per m^2)	:	10	18
Pest infestation (per m)	:	Below ETL	Crossed ETL
Plant height (per cm)	:	32	28
Pods/ plant (No.)	:	26	20
Yield (q/ha)	:	5.4	3.2
Technology	:	• Technology 1- Soil test based fertilizer Recommendation • Technology 2- Application of Biofertilizer (Rhizobium and PSB) • Technology 3- Use of Pre emergance	

		Technology 4- IPM	
		Technology 5	

	:	**Demonstrated**	**Yield gain**
Yield Performance	:	**(q/ha)** Demo Yield – 5.4 Highest yield – 5.4 Lowest yield – 3.4 Local Check (existing yield) - _____3.2_____ State Yield (previous year) - _____4.6_____ National Yield (previous year) - ___4.51_____	Increase over local**(in %)**- 68.75 Increase over state**(in %)** – 17.39 Increase over National **(in %)** 19.73
Success Point	:	Seed treatment with Biofertilizer, use of pre-emergence herbicide, use of balance nutrient, IPM	
Farmer's Feedback	:	Farmer accepted the technology and satisfied from yield.	

Economic Performance

Practice	Yield (q/ha)	Cost of Cultivation	Gross cost	Gross income	Net income	B:C	% of income increase
			(Rs/ha)				
Farmer	3.2	12610	12610	17600	4990	1.40	
Recommended	5.4	15550	15550	29700	14150	1.91	68.75

Quality Photographs:(Good crop with standing banner and shows demonstrated technology by the farmer and also sent the photographs in JPEG format)