

Success Story 2024-25

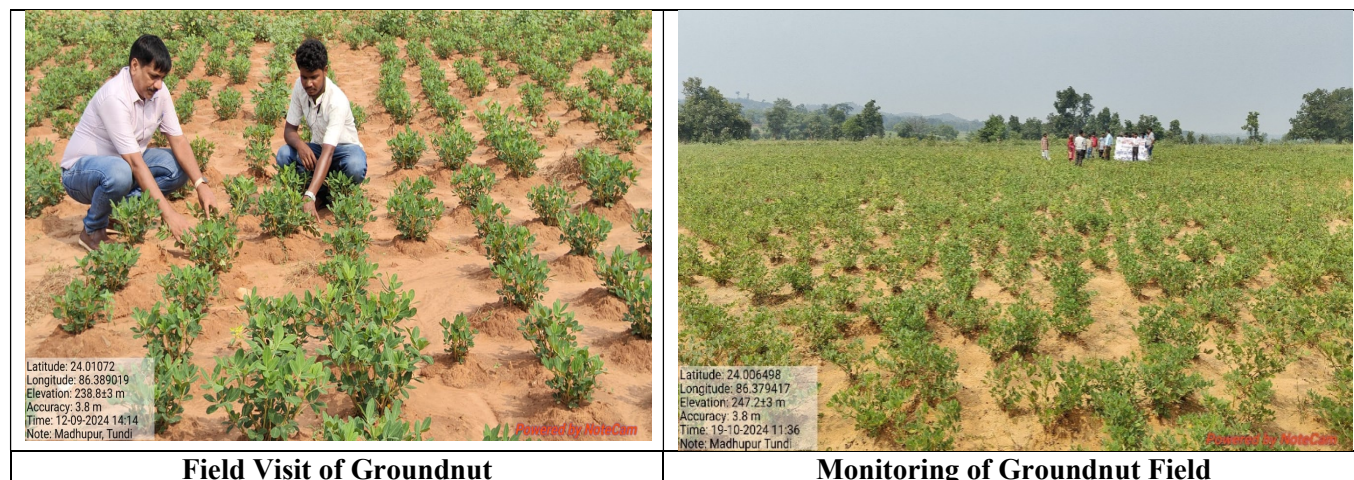
Season:Kharif

Specific technology name: Demonstration of Groundnut under CFLD Oilseed Programme

Name of KVK	KrishiVigyan Kendra, Dhanbad
Name of crop	Groundnut
Name of variety	K-1812
Name of farmer	BiralalMurmu
Farmer address	Vill- Madhupur, P.O. – Kolhar, Block- Tundi, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Upland, Sandy loam Soil, Previous Crop - Maize
Details of technology demonstrated	Variety –K1812 + Line Sowing (30 X 10 cm) + Seed treatment + IPM + Weed management (Manual)
Institutional Involvement	Training + Variety + IPM + Field Visit
Success point	Introducing new variety (K-1812) and Weed Management (Two times)
Farmer feedback	Seed was medium, its kernel was thin, Yield was good and training was useful before sowing the crop.
Outcome yield	14.95 q/ha
Potential yield of variety	35.0 q/ ha
District average	12.6 q/ha
State average	10.13 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	11.8	34200	80027	45827	2.34
Demonstration	14.95	42800	101406	58606	2.37
% Increase	26.69	25.14	26.71	27.88	-



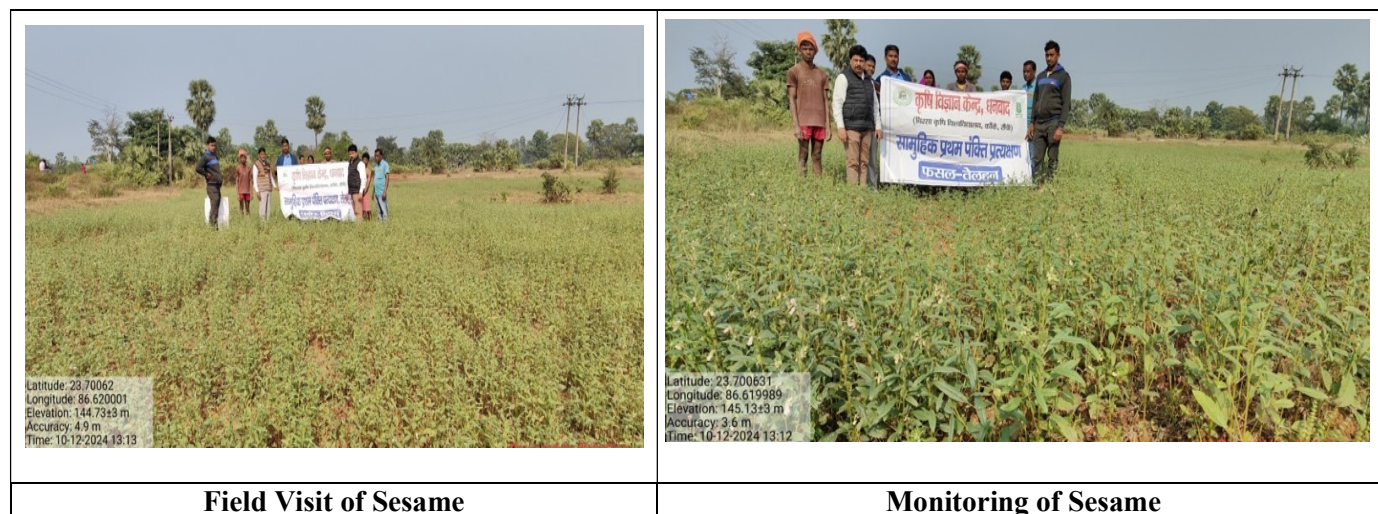
Season:Kharif

Specific technology name: Demonstration of Sesame under CFLD Oilseed Programme

Name of KVK	Krishi Vigyan Kendra, Dhanbad
Name of crop	Sesame
Name of variety	GT-6
Name of farmer	Anand Mahato
Farmer address	Vill- Kalipur, Block + P.O. - Baliapur, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Upland, Sandy loam Soil, Previous Crop – Black Gram
Details of technology demonstrated	Variety –GT-6 + Line Sowing (30 X 10 cm) + Seed treatment + Sulphur @ 20 kg/ha + IPM + Weed management (Manual)
Institutional Involvement	Training + Variety +Sulphur (@20 kg/ha) + IPM + Field Visit
Success point	Introducing new variety (GT-6) + Sulphur @ 20 kg/ha + IPM and Weed Management (Two times)
Farmer feedback	Seed was good, Yield was better and training was useful before sowing the crop.
Outcome yield	5.6q/ha
Potential yield of variety	7.7 q/ ha
District average	4.4 q/ha
State average	4.5 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	4.1	17200	37995	20795	2.21
Demonstration	5.6	19600	51895	32295	2.65
% Increase	36.58	13.95	36.58	55.3	-



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Season:Kharif

Specific technology name: Demonstration of Soyabean under CFLD Oilseed Programme

Name of KVK	KrishiVigyan Kendra, Dhanbad
Name of crop	Soyabean
Name of variety	NRC-128
Name of farmer	Yudhisthir Prasad. Mahato
Farmer address	Vill- ChotaJamuwa, Block- Govindpur, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Upland, Red Soil, Previous Crop – Pigeon Pea
Details of technology demonstrated	Variety (NRC-128 + Line sowing + Seed Treatment + IPM)
Institutional Involvement	Training + Variety + IPM + Field Visit
Success point	Introducing new variety (NRC-128) + Line Sowing + IPM
Farmer feedback	Seed was good, Yield was better and training was useful before sowing the crop.
Outcome yield	17.3 q/ha
Potential yield of variety	28.0 q/ ha
District average	11.3 q/ha
State average	12.6 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	10.2	22700	49900	27200	2.198238
Demonstration	17.3	30200	84632	54432	2.802384
% Increase	69.6	33.04	69.6	100.12	-

	
Soyabean	Field Visit of Soyabean

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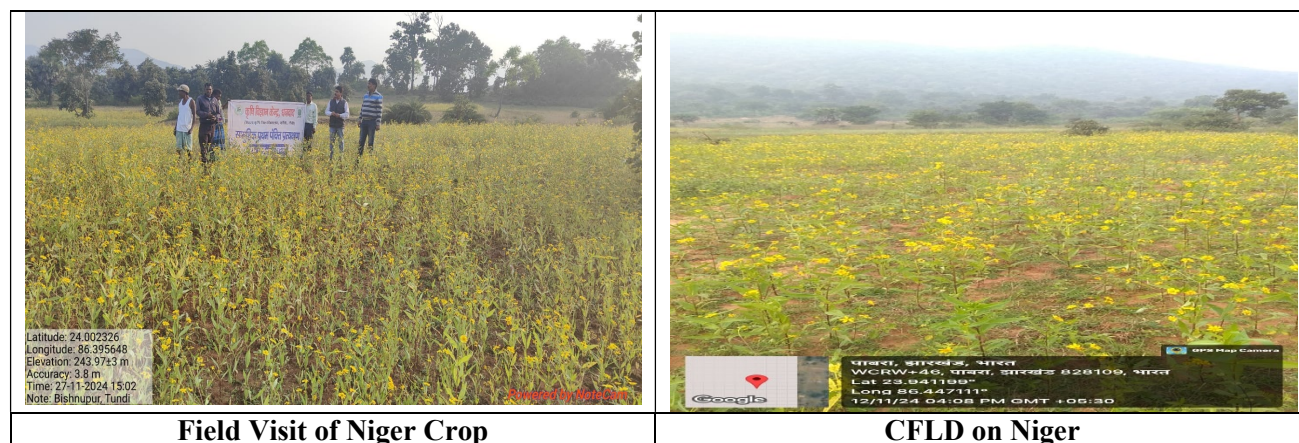
Season:Kharif

Specific technology name: Demonstration of Niger under CFLD Oilseed Programme

Name of KVK	KrishiVigyan Kendra, Dhanbad
Name of crop	Niger
Name of variety	JNS-29
Name of farmer	Sanjoti Devi
Farmer address	Vill- Bishunpur, Block- Tundi, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Upland, Red Soil,
Details of technology demonstrated	Variety (JNS-29) + Line sowing + Seed Treatment + IPM)
Institutional Involvement	Training + Variety + IPM + Field Visit
Success point	Introducing new variety (JNS-29) + Line Sowing + IPM
Farmer feedback	Seed was good, Yield was better and training was useful before sowing the crop.
Outcome yield	4.8 q/ha
Potential yield of variety	6.0 q/ ha
District average	3.2 q/ha
State average	3.1 q/ha

Performance of technology vis-a-visfarmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	2.5	14800	21793	6993	1.5
Demonstration	4.8	17000	41842	24842	2.5
% Increase	92.0	14.86	92.0	255.24	-



Field Visit of Niger Crop

CFLD on Niger

Season: Rabi

Specific technology name: Demonstration of Mustard under CFLD Oilseed Programme

Name of KVK	KrishiVigyan Kendra, Dhanbad
Name of crop	Mustard
Name of variety	BBM-1
Name of farmer	Chuttu Malik
Farmer address	Vill- Sirsakundi, Block- Baliapur, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Medium Land, Sandy Loam,
Details of technology demonstrated	Variety (BBM-1) + Line Sowing + Seed Treatment + Sulphur @ 20 kg/ha + IPM + INM + RDF
Institutional Involvement	Training + Variety + Sulphur @ 20 kg/ha + IPM + Field Visit
Success point	Introducing new variety (BBM-1) + Line Sowing + IPM + Use of Sulphur
Farmer feedback	Seed was good, Yield was better and training was useful before sowing the crop.
Outcome yield	14.8 q/ha
Potential yield of variety	18.0 q/ ha
District average	9.1 q/ha
State average	8.8 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	9.8	23500	58310	34810	2.5
Demonstration	14.8	26800	88060	61260	3.29
% Increase	51.0	14.04	51.02	75.98	-



Success Story 2024-25

Season: Rabi

Specific technology name: Demonstration of Linseed under CFLD Oilseed Programme

Name of KVK	Krishi Vigyan Kendra, Dhanbad
Name of crop	Linseed
Name of variety	Priyam
Name of farmer	Rinki Devi
Farmer address	Vill- Birsinghpur, Block- Baliapur, Dist.- Dhanbad
Background information about farmer field	Farming Situation – Medium Land, Sandy Loam,
Details of technology demonstrated	Variety (Priyam) + Line Sowing + Seed Treatment + IPM + INM + RDF
Institutional Involvement	Training + Variety + IPM + Field Visit
Success point	Introducing new variety (Priyam) + Line Sowing + IPM + RDF
Farmer feedback	Seed was good, Yield was better and training was useful before sowing the crop.
Outcome yield	9.4 q/ha
Potential yield of variety	16..5 q/ ha
District average	6.7 q/ha
State average	5.5 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	5.9	16500	34515	18015	2.1
Demonstration	9.4	19500	54990	35490	2.82
% Increase	59.3	18.18	59.3	97.00	-



Linseed Crop under CFLD Programme



Field Visit