

Krishi Vigyan Kendra, Saraiya, Muzaffarpur, Bihar

Success Story of CFLD Oilseed during 2024-25

Season:(Kharif, Rabi, Summer): Rabi

Name of KVK	Krishi Vigyan Kendra, Saraiya, Muzaffarpur, Bihar
Crop and Variety	Rapseed & Mustard (Rajendra Suflam-1)
Name of farmers and Address	Shri Sanjay Singh Village : Bahilwara , Block: Saraiya District : Muzaffarpur, State: Bihar
Details of Technology demonstrated	Variety: Rajendra Suflam-1 Seed rate: 1.5 kg seed/Acre. Nutrient management ·Application of 8-10 tons of FYM with Azotobacter and Phosphorus Solubilizing Bacteria (PSB) 5 kg/ha. ·60 kg/ha N, 40 kg/ha P ₂ O ₅ and 40 kg/ha Sulphur. Weed management ·Spraying of pre emergence herbicide Pendimethalin 30% EC 3.30 L/ha (1.0 liter a.i.). Disease Management · Preventive: Seed treatment with Mancozeb@2.5 g/kg seed and Metalaxyl 35% SD @ 6 g/kg seed. Blight and Downy mildew: Spraying of Metalaxyl 8% +Mancozeb 64% @2g/litre ha. Insect management. Aphids: Spraying of Dimethoate 30% EC @ 875 ml/ha. Painted Bug and Saw Fly: Seed treatment with Imidacloprid 70% WS @7.5 g/kg seed.
Institutional involvement	For Training, Technical knowledge, Critical inputs etc.
Success Point	Line sowing of Seed of Rajendra Suflam-1. Proper weed, disease and pest management. Use of Sulphur for oil content.
Farmers feedback	Farmers prefer this variety for synchronous maturity, proliferative branching , harvest yield oil content (40 percent).
Yield (q/ha)	18.40 q/ha
Demonstration	1 acre or 0.4 ha
Potential yield of variety/ technology	20.00 q/ha
District average	8.69 q/ha
State yield	15.15 q/ha

Performance of technology vis-à-vis Local check (increase in productivity and returns

Practice used	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmers Practice	11.90	25500	67235	41735	1.64
Demonstration	18.40	27500	85598	58098	3.11
% increase	47.33				



Training and Critical inputs distribution



Flowering stage