

SUCCESS STORY OF MUSTARD CULTIVATION UNDER CFLD PROGRAMME

Scientific Mustard Cultivation for Higher Productivity & Income

Name & Details of Farmer

Name: Shri Kewal Oraon

Village: Jariyang

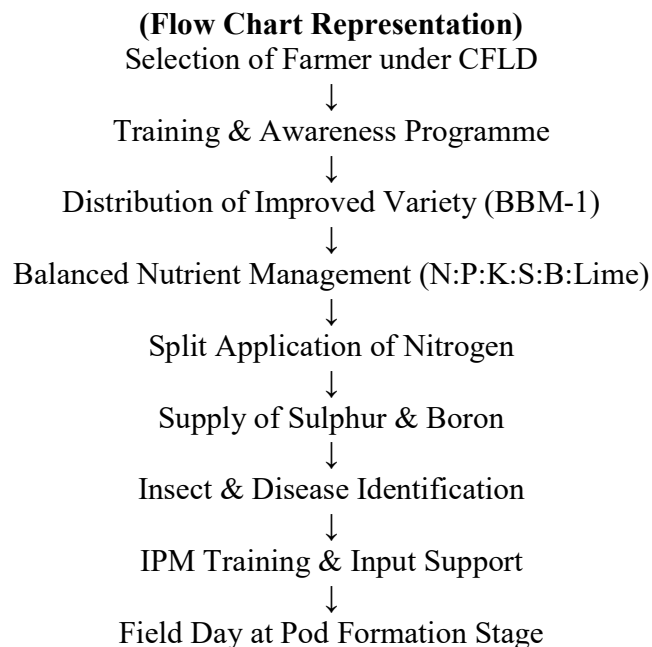
Block: Latehar

District: Latehar, Jharkhand

Situation Analysis

- Upland & sandy loam soil
- Traditional mustard cultivation with high seed rate of local seed varieties
- Imbalanced fertilizer use and no micronutrient application
- Limited knowledge on scientific crop management
- High incidence of insect pests and diseases
- Low productivity and income from mustard crop

Important Steps Taken by KVK, Latehar



Details of Technology Demonstrated

- Improved Mustard Variety: BBM-1
- Balanced Fertilizer Application:
N, P, K, Sulphur, Boron & Lime
- Split Dose of Nitrogen for better growth
- Integrated Pest & Disease Management
- Scientific package of practices under CFLD programme

Major Success Points

- Use of high yielding variety (BBM-1)
- Balanced nutrient management including micronutrients
- Timely pest and disease management
- Continuous technical guidance by KVK
- Field demonstration and exposure to other farmers

Result / Output

Performance of Demonstration Technology vs Local Practice		
Particulars	Local Check	CFLD Demonstration
Yield (q/ha)	8.2	14.7
Cost of cultivation (Rs./ha)	24400	28300
Gross Return (Rs./ha)	46330	83055
Net Return (Rs./ha)	21930	54755
B:C Ratio	1.89:1	2.93:1

Outcome

- Increase in mustard productivity and profitability
- Adoption of scientific mustard cultivation practices
- Horizontal spread of BBM-1 variety
- Area expansion under improved technology
- Enhanced farmer confidence and knowledge

Farmer Feedback

Scientific guidance and quality inputs provided by KVK helped me to increase mustard yield and income. The technology is easy, profitable and suitable for our area.

Photographs



Krishi Vigyan Kendra, Latehar
Birsra Agricultural University, Ranchi