

CFLD Oilseed 2024-25

Specific Technology: Cluster Frontline Demonstration of Oilseed (Sesame)

Name of KVK	KVK, Ganjam-II
Crop and variety	Sesame, smarak
Name of farmer & address	B. Rabindra Reddy Vill- Gokarnapur, P.O.- Gokarnapur, P.S. – Digapahandi, Dist – Ganjam, PIN- 761012, Mob: 8260301808
Details of technology demonstrated	<ol style="list-style-type: none"> 1. Use of quality seeds var.smarak @ 10 kg/ha 2. Seed treatment with(<i>Trichoderma Viridae</i>) @ 10g/kg seed 3. Plant protection measures - Spraying (Tebuconazole+Trifloxystrobin) 200g/ha@200g/ha for controlling powdery mildew, spraying of N-P-K(18-18-18) for better flowering & growth, Spraying of flonicamide @6g/15litre water for controlling aphid,jassid

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	4.0	18350	34540	16190	1.88
Demonstration	5.2	19590	44902	25312	2.29
% Increase in yield	30				

Success point	Use of Improved quality seeds, INM, IPM, Harvesting at right time
Farmer feedback	<ol style="list-style-type: none"> 1. Good and high yielding variety 2. farmers are interested to cultivate the variety in future due to higher yield than local & resistant to some disease than local
Yield(q/ha) <ol style="list-style-type: none"> 1. Farmers Local Practice yield 2. Highest under Demonstration Practice 3. Lowest under Demonstration Practice 4. Average under Demonstration Practice 	<ol style="list-style-type: none"> 1. 5.2 q/ha 2. 5.2 q/ha 3. 4.5 q/ha 4. 4.82q/ha

The technology demonstrated in CFLD plot performed better than local practice. The variety smarak is golden yellow bold seed, delayed shattering, synchronous maturity, tolerant to macrophomina alternaria leaf spot. The HYV, nutrient management and pest control technology were accepted by all the beneficiaries in the group. It is suggested that state department to promote this variety along with proper nutrient management and pest management in large scale during summer to obtain its potential yield.

