

A brief on the success stories where technology interventions by the Government significantly benefitted smallholder farmers

1. Pradhan Mantri Fasal Bima Yojana (PMFBY)

Name: Shri. Ramesh Muralidhar Sanap
Qualification: 10th Pass
Address: Village – Khadgaon, District- Nashik, Maharashtra

Shri Sanap is doing farming on his 14-hectare of land for past 40 years. His family consists of 14 members and all are depended on agricultural income. He cultivates Maize, Bajra (Pearl millet) and Onion crops. During Kharif 2019 season his onion crop was damaged due to unseasonal rainfall, as his crop was insured under PMFBY, he received a compensation of ₹ 4.76 lakh for 9.11 hectare of area insured under Onion crop

2. Paramparagat Krishi Vikas Yojana (PKVY)

- Farmer Name: C.Pullaiah
- Education qualification : 7th Standard
- Age: 52
- Village: Uppalapadu
- Cluster: Uyyalawada
- Mandal: Orvakal
- District: Kurnool
- Total Land extent: 2.50 Acres
- Crop's: PMDS+Bajra, Red gram, Jowar

3. Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs)

- i. Bhuban Farmers Producer Company Limited, Odisha.
- ii. Krishi Vikas Shetkari Producer Company Limited, Maharashtra.

4. Mission for Integrated Development of Horticulture (MIDH):

- i. **Area Expansion** – Hybrid Vegetables (Brinjal)

Shri Barath Magadev, a farmer prevailing from Coimbatore district, obtained subsidy for Area expansion of Horticultural crop to an amount of Rs. 20,000. By utilizing the standard cultivation practices, along with plastic mulching to reduce weed growth, the farmer was able to obtain higher yields and increased profit from the field.

ii. Poly House

Name of the Farmer: Chawodareddy, M

Location: Village Gowdagere, District Chikkaballapura, Karnataka

Sl.No	Cultivation Practices	By Normal Practice	By Adopting Technology (Specify)
i	Total cost of cultivation	15,25000	23,25600
ii	Yield in Tons	20	40
iii	Cost/Ton (Rs)	30,00,000	40,00,000
iv	Methodology for marketing of produce	Local market	Sale of produce to Banglore and Mumbai , market
v	Net Income (Rs.)	6,00,000	15,00,000

5. Sub Mission on Agricultural Mechanization (SMAM)

Sh.Mahesh Srishaila Mosalagi from village Hattalli, Indi taluq, Vijayapura District of Karnataka was an educated unemployed youth. He has established the Hi-Tech Hub costing Rs. 230.00 lakh with the financial subsidy of 40 % under SMAM during 2018-19 and procured Sugarcane Harvester, Infielder, Tractor with trolley, MB Plough, Rotavator, Brush Cutters, Chaff Cutters and Flour Mill. By providing hiring services of these machines to farmers and covering 400 acres' area per season, he is now earning approximate Rs. 17.00 lakhs per season

6. National Beekeeping & Honey Mission (NBHM)

Shri Devvrat Sharma, Saharanpur, Uttar Pradesh started the journey of beekeeping with 30 bee colonies on 2nd November, 1991. After connecting with NBB, he started doing beekeeping in scientific manner and get benefitted under the schemes viz.; Mission for Integrated Development of Horticulture (MIDH) and National

Beekeeping and Honey Mission (NBHM). Now he has 1000 honeybee colonies and producing 30 Metric Tonnes for honey per year. He is earning the net income of Rs. 8.15 Lakhs per year through selling honey & allied products like Beeswax, Royal Jelly, Bee Pollen and Propolis. He has also trained more than 1 Lakh people directly or indirectly across the country. Those trained beekeepers are not only financially capable as well as providing employment to thousands of people.

7. Drones for precision farming

- Fuselage Innovations, Alappuzha, Kerala
- Project cost: Rs 10 lakh

- Loan amount: Rs 7.50 lakh
- Lending institution: Bank of Baroda
- Effective rate of interest: 5.60%
- Net profit: About Rs 10 lakh in an year.

8. Soil Health Card

1	Name of the Farmer	Palla Laxma Reddy, S/o. Bhagavanta Reddy	
	Village, District	Manthapuri (V), Alair (M), Yadadri Bhongir (D)	
3	Crop cultivated	Paddy	
4	Dosages (per acre) before SHC was received	N	150 Kgs
		P	100 Kgs
		K	50 Kgs
		Micro nutrients	-
5	Dosages (per acre) after receipt of soil information through SHC	N	100 Kgs
		P	20 Kgs (DAP)
		K	30 Kgs
		Micro nutrients	ZnSO ₄ 20kg/acre for every 3 seasons
6	N –fertilizer saved (Kg/acre)	50kg	
7	Increase in Fertilizer usage (Kg/acre)	P	
		K	
		Micro nutrients	ZnSO ₄ 20kg/acre for every 3 seasons
8	N:P:K before SHC received	150:100:50	
9	N:P:K after SHC received	100:20:30	
10	Quantity of compost/FYM / vermicompost / city compost used before SHC received (qtls/acre)	Nil	
11	Quantity of compost/FYM / vermicompost / city compost used after SHC received (qtls/acre)	20	
12	Difference in compost/FYM / vermicompost / city compost use (qtls/acre)	20	
13	Cost of cultivation (Rs.)	25000/-	
14	Increase in production (kg/acre)	200	
15	Increase in farmer's income (Rs./ acre)	6200/- approx..	