

Success story for individual farmer: Oilseeds**Name of KVK:** KVK, Baramati (Pune –I)**Title of intervention:** Introduction of new variety of Soybean Phule-Sangam**Crop and Variety:** Phule-Sangam**Name of farmer & Address:** Tal- Baramati Dist Pune (M.S.)**Details of technology demonstrated:**

- Demonstration of Improved variety of Soybean, Phule-Sangam. This is the new improved variety utilized first time by the farmers.
- Conduct IPM for pod borer complex
- Use of pheromone traps for monitoring of pest population
- Use of alternate spray of HaNPV and 5% NSKE at the time of 50 % flowering
- Spray 50 % Chloropyriphos at pod filling stage
- INM
- Give seed treatment of Rhizobium and PSB @ 25 gm /kg seed
- Use fertilizers as per soil test report
- Use 20 kg sulphur/ha as secondary nutrient
- During dry spell use foliar application of 13:00:45@ 0.5 %

Institutional Involvement:

- One times farmers meeting were conducted to analyse the technology gap and to get information.
- Farmers training were conducted before conducting demonstration.
- Field day was conducted on farmer’s field just before harvesting of crops and got feedback from farmers.

105 farmers and 6 agriculture officers from state agriculture department were present for the programme

Success Point:

This year BBF planter used for sowing purpose by Mr. Balasaheb Sambhaji Taware and this innovative technology maintaining proper plant spacing, reduce competition for moisture and nutrient as well as reduce mortality in plant, because in last two to three year received uneven rainfall at the time of maturation period of soybean. All the impact shown on crop yield and Mr. Taware obtained 30.4 quintal/ha seed yield and out of it getting Rs.120, 049 rupees net return.

Farmer Feedback: KVK, Baramati introduced new variety of Soybean Phule-Sangam under CFLD oilseed programme and this is new experience for me. KVK, Baramati also recommended BBF planter for sowing purpose and some farmers used this techniques on their farm. We also followed the given IPM and INM techniques within cropping period and this practices given highest yield and return from soybean cultivation.

Yield (q/ha) Red gram	
Demonstration	30.4
Potential yield of variety/technology	23-25 qt/ha
District average	2.67
State average	5.64

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

Practice used	Yield	Gross cost	Gross income	Net income	B:C ratio
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	(q/ha)	(Rs/ha)	(Rs/ha)	(Rs/ha)	
Farmer practices	22.31	32,617	88,102	55,485	1:2.70
Demonstration	30.40	37,895	120,049	64,154	1:3.16
% Increase	-				

