

SHRI ADINATH ANNAPPA KINIKAR

Village : Kogil Budruk
Block : Karveer
District : Kolhapur
Contact No. : 9673946519
Education : 7th



Practices adopted

- ◆ Adopted natural farming since the last 35 years.
- ◆ Cultivated paddy, sugarcane, soybean, groundnut, green gram, sorghum, moong and vegetables under natural farming.
- ◆ Pioneered in natural farming through crop diversification. Used vermicompost judiciously to get optimum production from natural farming, thereby improving soil health condition.
- ◆ Used desi cow-based and plant-based products like beejamrit, jivamrit, gir-go kripaamrutam bacterial culture, neemastra and brahmastra for crop health and plant protection. Also used yellow sticky traps for control of aphid.
- ◆ Practiced green manuring of dhaincha/sesbania, sunhemp, cow pea, green gram, black gram, and sunflower.
- ◆ Practiced water conservation techniques including mulching of crop residue, bed sowing and ridge sowing along with drip irrigation. Carried out weed management through mulches.
- ◆ Developed a mixed horticulture block of half acre where different fruit crops (mango, sapota, lemon, papaya, guava, custard apple, banana, and drumstick) have been planted along with ginger, brinjal, chilli, cabbage, and other seasonal vegetables.
- ◆ Practiced in-situ crop residue management with zero burning.
- ◆ Established a vermicomposting unit having the capacity of 12 tons per year.
- ◆ Executed a direct marketing system for wheat, rice, vegetables etc. Apart from this he is directly linked with Siddhagiri Natural Farmer Producer Company, Kaneri Math for selling organic vegetables and fruits.
- ◆ Used digital media tools like WhatsApp and YouTube for dissemination of information.
- ◆ Created awareness by participating at weekly markets and kisan club meetings organized by KVK Kaneri, Kolhapur and Department of Agriculture and Farmers Welfare, Kolhapur.



Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming			Conventional Farming		
Crop	Sugarcane (CO-86032) (0.8 ha)	Soybean (KDS-726) (0.8 ha)	Paddy (Local) (0.4 ha)	Sugarcane (CO-86032) (0.8 ha)	Soybean (KDS-726) (0.8 ha)	Paddy (Local) (0.4 ha)
Cost of cultivation (₹)	72300	22590	14250	105000	28250	15780
Production (q)	840	20	14	810	18.5	12.5
Gross return (₹)	277200	90000	30800	234900	83250	27500
Net return (₹)	204900	67410	16550	129900	55000	11720
BC ratio	2.83	2.98	1.16	1.23	1.94	0.74

(Note: Soybean crop is intercropped with Sugarcane in 0.8 ha area. Total area: 1.2 ha)

Benefits and achievements

- ◆ Reduced dependence on inputs from external sources.
- ◆ Obtained good yield in comparison with conventional farming.
- ◆ Provided chemical-free products to the customers.
- ◆ Ensured efficient and economical use of natural resources.
- ◆ Provided guidance in natural farming to other farmers in the district.
- ◆ Received Chaudhary Charan Singh Progressive farmers' award for the year 2020



Source: Krishi Vigyan Kendra, Kaneri, Kolhapur, Maharashtra.

