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Case Study

Practice Integrated Farming for year-round income by a women farmer

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Introduction

Smt. Madhavalatha, is a dedicated and an innovative women farmer hailing from Vemula village of Hanwada mandal, Mahabubnagar district, Telangana state. She educated well and left teacher job and chosen agriculture as profession and started devoting her time on a better farming since 10 years. She had 14 acres of land and cultivating Paddy and Redgram but she was not getting expected income. She felt that doing agriculture in conventional method minimized the yield and thereby reduced the income.

Source of Interventions and year of intervention

To overcome the problems faced by her, she started searching the new methods which improve the farm productivity, soil health and income. With the guidance of DAATTC scientists, she practiced Integrated Farming, along with field crops like Paddy and Redgram crops, she also established the fruit orchard with species of Mango and Coconut (25 plants) and oilpalm in 6 acres with Redgram and Groundnut as intercrop and border crops (Srigandham and Gauva) maintained a dairy unit with 6 cows and 6 calves and an

established urine collection tank from Dairy unit at home.

As a progressive women farmer she always tried to improve her skill and was eager to know every aspects of farming from various sources, trainings, experts from DAATTC, department personnel etc.

S. No	Component	Area in acres	Expenditure	Gross Income
1	Rice	6 Kharif	1, 20,000	4,80,000
		6 Rabi	1,08, 000	3,50,000
2	Oil Palm + Groundnut (½ acre)+ Redgram (2.5 acres) Fencing Border crops (Guava and Srigandham)	6 acres (300 Plants)	300000 12000 20,000	Yet to be harvested in July month 39,000 1,37,000
3	Napier grass	1 acre	Used for dairy	
4	Farm pond	½ acre	Water used for Rabi crops and oil palm during summer	
5	Dairy unit (6 cows and 6 calves)	0.25 acres	1,50,000	4,41,000
			7,10,000	14,47,000
She earned Rs 7,37,00 net profit from all the three components				

**Output and outcome**

1. The Integrated Farming System increased the sustainable income from various components round the year.
2. The cost of production has been drastically reduced due to reduction in external output purchase as the recycling of most of the available resources was done for the production. The environmental, soil and water pollution have been decreased considerably as the farm and other wastes were recycled effectively.
3. She adopted IFS practices with field crops, livestock unit and horticulture crops in her farm with technical guidance of DAATTC team. She reaped better yields & income than earlier. She earned about Rs. 14, 47,000/- gross returns, Rs. 7, 37,000/- net returns in a year.

Testimonial of the farmer:

The Integrated Farming System very useful to small and marginal farmers to get year-round income in sustainable way. This technology is definitely a boon for farmers.

