

Success Story

Name of the KVK :- Krishi Vigyan Kendra
Saraswati Gram Vidyapith
Samoda-Ganwada
Ta.Sidhpur, Dist.Patan

Title :- Production & supply of Bio-products (Vermi compost)

Introduction :-

The intensive agricultural practices boosted the production to feed the growing population in the under developed of countries. Farmers could harvest three crop in a year. But there is no thought about its adverse effect in the long term on the soil condition in general and on the environment by intensive use of different chemical fertilizers.

Vermi compost :-

Vermi composting is basically composting with verms, which generally live in soil eat biomass and excrete it in digested form.

KVK intervention :-

Looking to the bright scope for vermi compost, KVK has organized the vocational training programmes of preparation of vermi compost. KVK technical personnel has imparted training about preparation of the vermi compost with the objective to prepare best quality manure from rotting organic waste & FYM by using vermi composting method.

One of the enthusiastic participant have started vermi composting unit on his farm.

Name :- Chaudhary Dineshbhai Lavjibhai
Village : Nagvasan, Ta.Sidhpur, Dist. Patan

Age :- 40 years

Education :- 10th Std. Pass

Mobile No. :- 9712841546

Main occupation :- Farming

Subsidiary Occupation :- Dairy farming

Land Holding :- 02 acre

Live stock :- Cattle (10 cows)

Economic study :-

Expenditure (1st year) :-

-Size of the Unit	:	55' x 25'
- Net & frame work	:	35000/-
- Cost of FYM (45 ton x 400Rs.)	:	18000/-
-Cost of vermin culture (100kg x 200Rs.)	:	20000/-
-Labour charge	:	36000/-
-Miscellaneous	:	<u>19000/-</u>

128000/-

Income :-

(A) 1st year		
-Vermi culture @ 200Rs./kg. : 100kg.	20000/-	
-Vermi compost @5Rs./kg : 30000kg.	150000/-	
-Total income (A)		<u>170000/-</u>

Expenditure (2nd Year) :-

-Cost of FYM (45 tons x 400Rs.)	18000/-	
-Labour charge	36000/-	
-Miscellaneous	<u>16000/-</u>	
		70000/-

Income :-

(B) 2nd Year		
-Vermi culture @ 200Rs./kg. : 250kg.	50000/-	
-Vermi compost @5Rs./kg : 30000kg.	150000/-	
-Total income (B)		<u>200000/-</u>

Income –Expenditure statement of two year :

Total income	:	370000 Rs.
Total Expenditure	:	<u>198000Rs.</u>
Net income	:	172000 Rs.

Outcome :

Shri Dineshbhai Chaudhary inspired the other farmers for the preparation & use of vermi compost with a view to improve the soil fertility and also prevent the crop against the infestation of the termite.

Impact :-

Shri Dineshbhai Chaudhary is used vermi compost in his total 2 acres + 7 acres (lease base) throughout the year and earn some amount by selling the vermi compost & vermi culture.

PHOTOGRAPHS

Production & supply of Bio-products (Vermi compost)



Vermi compost Unit



Packing of Vermi compost bag

