

Case study on Impact of Jeevamritham in Chilli crop

Mr. Adinarayana Reddy s/o Madhava Reddy is a young farmer in Sanapa village of Atmakur mandal. He has 2.4 acres of land under bore well irrigation. Though Adinarayana reddy is hardworking farmer, he could not make sufficient income from Agriculture to meet his family expenditure. The cost of cultivation has gone up because of high use of pesticides to control pest and diseases. Also the costs of chemical fertilizers and pesticides have gone up along with labour hire charges.

In Kharif season 2011, Adinarayana Reddy has cultivated chilli crop in 1 acre of land. In the first three months of the crop, he has used chemical fertilizers and pesticides in high quantities as usual. Though he sprayed chemical pesticides continuously the attack of spodoptera was very high. Unable to bear the expenses he got frustrated and he himself destroyed the crop in ½ acre. He was also thinking of removing the crop in remaining land when he met



AF staff. He explained the situation to the staff and discussed the reasons. Upon the advice of the AF staff, he decided to follow SA practices in the remaining ½ acre.

He prepared Jeevamritham and applied to the soil regularly every week. Also he sprayed Jeevamritham twice on the crop. Surprisingly all the plants have responded well and grew very healthily. The pest has disappeared. The yield from the land in last 3 months was very good when compared to first 3 months. Though the price of chilli had reduced he made good profit because of high yields.

Comparison of expenditure and yields in both methods

In Conventional methods in first 3 months for 1 acre

Expenditure (Rs)		Income (Rs)	
Chemical fertilizer	4000	First Harvest (600 kg x Rs 9.60)	5760
Chemical pesticides and sprays	6000	Second Harvest (650 kg x Rs 9.60)	6240
Labour costs	2000		
Total	12000	Total	12000

In Sustainable Agriculture method in ½ acre in next 3 months

Expenditure (Rs)		Income (Rs)	
Jeevamritham preparation	600	Third Harvest (700 kg x Rs 8.40)	5760
Jeevamritham application	400	Fourth Harvest (750 kg x Rs 8.40)	6240
Labour costs	3600	Fifth Harvest (900 kg x Rs 8.40)	7560
Total	4600	Total	19740

After this experience Mr. Adinarayana reddy is fully convinced about the efficiency of Sustainable Agriculture. He has started growing tomatoes in ½ acre in SA method. "I will never use chemical fertilizer and pesticides," says Adinarayana Reddy emphatically.