

Agro eco farming- using Bio-pesticides

District	Mandal	Gram Panchayat	Village
Visakhapatnam	Paderu	Gabbing	Nereduvalasa
Name of the individual	Vantala Venkateswara Rao		
M/F	Male age 40		
Caste	ST- Konda Dora		
Total no of family members	5		
Source of livelihood	Agriculture, Agriculture labour and NTFP collection		

Background

Vantala Venketeswara Rao age 40 yrs has 6.5 acres of land out of which 1 ac is wetland and rest dry land. Wife and husband are farmers and the major source of income is through agriculture farming- Paddy, Vegetables, Marigold and coffee plantation.

Before intervention

Since 1993 he has been using chemical fertilizers and pesticides (DAP, urea, endo sulphan) in his paddy and vegetable farming land and believed that without the application of chemicals fertilizers there was no ways he could increase the crop yield and address the issue of pests without the application of chemical pesticides . He however was worried about the increasing input cost each year, ignorant to the fact that the chemicals used in the farms were also causing soil and water degradation.

Intervention / Changes

CPF organized trainings of the project staff on Natural Pest management and Agro eco farming practice with focus on organic farming – making of bio fertilizers and pesticides.

Grambbhyudaya the project implementing partner of CPF conducted these training programs for the farmers and also collaborated with the Agriculture Department to propagate the concept. Venketeswarao and his wife both took the training program at Paderu and also at village level and learnt on how to prepare bio-pesticides and green yard manure its application in the farm filed and its benefits.

He and his wife prepared bio-pesticide (Panchapatra) and stored them in water bottles. In this Kharif season (2015) he has grown paddy in 1 acre extent of and applied organic manure and bio –pest two times which controlled the crop diseases and pests .

Venkateswara Rao is the secretary of Farmers Club and shared his experience in the meeting; out of 20 members 6 members are enthusiastic to apply organic fertilizer and pesticides in their farms in the next kharif season.

He further sold the bio pest to 2 farmers at the cost of Rs.100 each for application in their own paddy fields.

He has been able to reduce the input cost which was increasing every year due to the excessive use of chemicals and will also address the issue of soil and water degradation.

