

Success Story 2014 - 1

Pointed gourd cultivation pointed out progressive farmer

Introduction - The philosophy and ideas of IPM are now widely accepted in the political and scientific arena, still the practical implementation of IPM is very poor especially in the case of pointed gourd in the village Dadangapali of Bargarh district.

KVK Intervention - So keeping this view in the mind KVK, Bargarh insisted a young dynamic farmer Sri Bruhaspati Padhan of that village to grow pointed gourd in a scientific manner. Before that he is growing pointed gourd of local variety in conventional method which frequently intested by *Epilachena* beetle and other fungal diseases. Therefore he was getting low yield leads to very low income. To overcome this KVK advised him to cultivate OUAT released var. Swarna Alaukik with male and female planting materials in 9:1 ratio in single line trailing system. Through field visit he was suggested to follow field treatment, planting material treatment, recommended doses of fertilizer with controlled irrigation. He sprayed Malathion 50E.C.@2.5ml/litr twice at 90 and 100DAS and collected & destructed larvae from affected leaves especially to control *Epilachena* beetle through FLD.

Output - Following this above technology he got an yield of 80quintal /acre from which he earned a net profit of Rs. 82,000/-. He purchased a motor bike out that profit through which he transports the vegetables to the market.

Impact - He is now become a leading farmer for all other pointed gourd cultivators of nearby 4 villages. Now the technology has been spread up to 45 acres covering 29 farmers.

