

## **Details of Progressive Farmer of KVK, Sundargarh-II**

**For University Foundation Day on 24.08.2014**

### **Fortified Organic Composting**

**Name:** Sri Ranjit Pradhan

**Address:** Vill. Ramjodi, Block: Lathikata, Dist. Sundargarh

**Enterprise:** Sri Ranjit Pradhan is a young tribal boy aged 27 years. He has education up to +2 Science and has passion for farming. After doing farming in his own field for several years he has undertaken Fortified Vermi Composting incorporating his own knowledge and experience on a research mode. He is using Six types of oil cake dust viz. Neem, Karanja, Mahua, Kusum, Mustard and Sunflower to fortify his vermin compost. This is an indigenous, economic and easy technology to convert biodegradable and other plant and animal waste into best quality organic manure. He has set up a small scale enterprise in the village itself under the name of “Green Dazzle Agro”. His products have been tested by Dept. of Soil Science, OUAT, Bhubaneswar.

**Success:** Sri Pradhan started his project 4 years back in his own farm with one trip farm yard manure and a sum of Rs. 80,000/-. He continued his work on an experimental basis incorporating his innovative ideas and today he has been able to produce fortified vermi compost of 120 tons last year worth Rs. 10 lakhs. He is practicing vermin composting in tank method and making possible to survive the earthworms even in high temperature during summer. He is marketing his product under trade name of “Blue Joy” and supplying to different line departments like Horticulture, Agriculture and Watersheds. His selling price for plain compost is Rs. 10/- per kg. and fortified mixture is sold at Rs. 15/- per kg. Last year he could earn a net annual income of Rs. 4 lakhs and also provided permanent employment avenue for 4 tribal youths throughout the year in his unit, which is a commendable achievement.

**Impact:** Sri Pradhan has undertaken an eco-friendly solution of most burning problems like poor soil fertility, declining yield, more requirement of irrigation water, more use of chemical fertilizer & pesticides. He has shown the way to poor farmers who are unable to purchase chemical fertilizers & pesticides will now be able to produce vermi compost on a minimum cost and will also be able to generate income by selling the same apart from using the products themselves. This will also save the environment by degrading biodegradable waste to quality manure. He is also giving training to farmers and youths of nearby area his innovative method of vermi composting and has a vision of his own to spread it throughout the State.