

Farmers Elevated Recycling Redgram Stalks



Area occupied by pulses is about 3.75 lakh ha in Gulbarga district. As redgram produces about 5.0 t of stalks per ha, farmers burn these stalks which results in loss of nutrients as well as creates environmental pollution. With this background, KVK Gulbarga introduced vermicomposting technology on a large scale with a new approach in 2005-06. KVK selected 10 willing farmers, 2 from each village and trained them on production of vermicompost. Then, KVK provided 1 kg earth worms to each trainee farmer with a condition that each of them should intern provide 1 kg worms to minimum three willing farmers of their respective village with no cost after 3 months by putting the same condition to those farmers and so on the chain continues. These farmers were ultimately made master trainers by providing advance training and finally known as technocrats. KVK involved farmers, bankers, officials from development departments and industries as stake holders while implementing the approach. Banks provided the loan for establishing vermicompost units and KVIC & DIC provided subsidy of 25%. This approach worked well.

Initially KVK produced only 10 technocrats in five villages namely Kodla, Gurur (B), Melakunda, Gudur and Tadkal. Now there are about 100 technocrats in the district with 220 vermicomposting units, out of which 20 are large scale with the capacity of more than 200 t/year, 50 medium scale with 100-200 t/year and 150 small scale with 100 t/year. Besides, many units with the capacity of 10-20 t/year were established. Production of vermicompost in an area of 100'x60' with 48 pits of size (10'x3'x2') is now giving net income of Rs 5.00 to 5.50 lakh per year by sale of vermicompost and worms of which sale of worms alone contributing Rs 1.00 to 1.50 lakh. Thus, establishment of vermicomposting units provided additional income, created on farm employment, social pride as well as reduced the burning of crop residues by recycling and improved the soil health. Shri Shivanand Garur (09449638591) from Gudur village, Shri Abdul Latif Madra (09901359107), Shri Chitrashekhar Parashivappagol (09972057248) from Tadtegnoor village, Shri Shivanand Belle (08477-229013), Shri Basavaraj



Salient Features

- Trained willing farmers till they become as technocrats
- Technocrats intern trained willing farmers in a chain process
- Involved all concerned as stakeholders
- Established small, medium and large scale vermicomposting units and stopped burning of crop residues and started recycling of redgram stalks which improved soil health
- Established marketing through farmer to farmer and more than 20000 t vermicompost is being sold every year

Pavadashetty (09980391977) from Tadakal village, Shri Suresh Patil (09880171787), Shri Umesh N. (08477-229014) from Munnalli village, Shri Ravi Mulage (08477-229291) from Kinni Sultan village, Shri Kalyanrao Patil (08477-210529) from Alanga village, Shri Baburao Hiramashetti (09972897961) from Ladmugali village, Shri Dharmaraj Sahu (09448576795), Shri B.K. Patil (09945515261) from Bhusanoor village, Shri Basavaraj Warad (09448204566) from Gola (B) village, Shri Mallinath Nimbal (09449829670) from Madan Hipparga village, Shri Basavaraj Jeevanagi (09449775662), Shri Siddarood Halimani, Shri Gundappa Dulgand (08472-290127), Shri Shivasharanappa Bulla from Pattan village, Shri Shivalingappa Choragasti (09945870671) from Bhimmalli village, Shri Shivasharanappa (09448586164) from Jambaga village, Shri Gurupadling Maharaj (09480161783), Smt Bharatibai Jeevanagi (09448333953) from Babalad (IK) village, Shri Shamarao Patil (09902837727), Shri Mallikarjun Patil from Garur village and Shri Mahendra Shah (09448749587) from Sedam village are some of the technocrats in Gulbarga district.

Shri Raju. G. Teggelli

Programme Coordinator
Krishi Vigyan Kendra, Aland Road
District Gulbarga-585101

Email: kvkglb.in@rediffmail.com
Ph: 08472-274596
Fax: 08472-241766
M: 09480696315