

## Case Study - 4

### Organic cultivation of Potato

Mr. K.H Manjanna is a small farmer, who belongs to Kadaranahalli village of Tumkur taluk. He was decided to take up the cultivation of potato crop with organic practices on the area of 3 gunta as a comparative plot with cultivation of potato on larger area with modern methods. The inputs such as neem cake, organic manures, trichoderma, Arka microbial consortium (AMC) for seed



treatment produced by KVK, Hirehalli etc were used during the cultivation. Neem and pongamea soaps were applied for the control of pests and diseases. Also Jeevamrutha was also applied twice during the cropping period as one of the pest and diseases control measures. The keen observation on the performance and health of crop are documented at every growing stage of the crop by Manjanna and the organisation. The yield obtained was 3.5 quintals from 3 guntas.

Shri. Manjanna was done analysis for the results after the crop harvest. The analysis revealed that the yield of the organic grown crop was same as that of modern agriculture methods. In addition, the size of the potato where jeevamrutha was applied was bigger compared to potatoes grown in modern methods. The organisation has facilitated in marketing of organically potato in Tumkur city through personal contacts with bank officials, organic vegetable outlets and KVK, Hirehalli. This has helped in building the confidence level of the farmers, who involved in cultivation of potato organically. Similarly, Shri. Kalaboraiah master farmer has grown potato in two guntas and got three quintal yield.