

ICAR-KRISHI VIGYAN KENDRA

Hosted by CREED

Ariyalur District, Tamil Nadu

Success Stories

Hi tech tuberose cultivation

Mr.Thangarasu, a progressive farmer aged 62, residing at Kuvagam village, Andimadam block of Ariyalur District, Tamil Nadu who is having 10 acres of land cultivating Tuberose, cashewnut and vegetables. To enhance income, he came to KVK by knowing about flower cultivation and attended the training on Scientific tuberose cultivation conducted by CREED KVK during May 2014. After updating his knowledge in the training programme, he started cultivation of tuberose with precision farming techniques in his one acre of land during August 2014. Subject Matter Specialist of CREED KVK visited his field frequently and gave the technologies whenever needed.

Three months later, the farmer gave the following feedback. Previously this farmer cultivated moringa and vegetables and got a normal income only through vegetables. Tuberose flowers are getting a good income to the farmers. So he decided to cultivate tuberose and visited KVK. Subject Matter Specialist from KVK advised him to participate in the training programme on Scientific tuberose cultivation and gave information about training date. After attending the training as per the guidance of CREED KVK, he started cultivation of tuberose variety Prajwal released by IIHR, Bangalore. The selected field was ploughed thoroughly by using chisel plough (once), disk plough (once) and cultivator (four times) and then ten tones of FYM, 500 kg single super phosphate, 800g of Azospirillum, 800g of phosphobacteria, 1 kg of *Trichoderma viridi* along with FYM 50 kg and neem cake 100 kg is applied before ploughing. He purchased 300 kg tuberose corms from KVK and corms were treated with Azospirillum, Phosphobacteria, *Pseudomonas*, Nematicide and *Trichoderma viridi*.

Tuberose corms were sown in the field at the spacing of 45 cm x 25 cm with polythene mulching techniques to control weeds and soil moisture conservation.

The expenditure incurred for polythene mulching, fertilizer, pesticide, flower harvesting, irrigation, Labour cost. etc.) was Rs.60,000/-. Harvesting started from third month after planting in daily basis. An average of 30-35 Kgs of flower yield was harvested every day and taken to nearby flower market in Kumbakonam. He got a yield of tuberose flower

@6000 kg/acre. Tuberose flower price varies from Rs.50-400/kg. depending on season. During marriage seasons, the demand for tuberose was high i.e.Rs.400/kg. He obtained a total income of Rs.4,80,000/acre through sale of flowers and gained a net income of Rs.4,20,000/acre within a year.
