

ICAR-KRISHI VIGYAN KENDRA

Hosted by CREED

Ariyalur District, Tamil Nadu

Success Stories

Mechanization of Groundnut cultivation

Mr.G.Kolanchidevan,S/o Gurusamy, a progressive farmer aged 51, residing at Kasankottai village, T.Palur block of Ariyalur District, Tamil Nadu who is having 3 acres of land cultivating Ground nut and vegetables. To enhance income, he came to KVK to learn Ground nut cultivation and attended the training on Ground nut cultivation conducted by CREED KVK during November, 2016. After updating his knowledge in the training programme, he started cultivation of Ground nut with ICM practices in his one acre of land. 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 local variety of Ground nut and got a normal income only. Ground nut cultivation with mechanization are getting a good income to the farmers. He participated in the training programme on ICM in Ground nut cultivation and gathered information on mechanization. After attending the training as per the guidance of CREED KVK, he started cultivation of Ground nut GJG 9 variety. The selected field was ploughed thoroughly by using cultivator (Three times) and Rotavator (One time) and then five tones of FYM, 86 kg single super phosphate, Gypsum 80kg, 800g of Rhizobium, 800g of phosphobacteria, 1 kg of *Trichoderma viridi* along with FYM 50 kg is applied before ploughing. He brought 55 kg Ground nut kernal from KVK and kernals were treated with Rhizobium, Phosphobacteria, and *Trichoderma viridi*.

Ground nut kernel were sown in the field at the spacing of 30 cm x 10 cm. The expenditure incurred for sowing, fertilizer, weeding, pesticide, pod harvesting, irrigation, Labour cost etc.) was Rs.40,000/-. Harvesting started on 105 days after sowing. An average yield of 1750 Kgs of Ground nut pod yield was harvested. He obtained a total income of Rs.1,08,000/ha through sale of Ground nut pod and gained a net income of Rs.68,300/ha within a year.
