

SUCCESS STORY - C.PERIYASAMY

GROUNDNUT PRODUCTION WITH ICM

1	Name of the farmer	Th. C.Periyasamy	
2	Father name	S/o. Th.Chinnanagounder	
3	Gender	Male	
4	Complete postal address	Th.C.Periasamy S/o.Chinnanagounder Seerankadu, Maanuvakattupalayam Vadugapalayam(PO),Tiruchencode(637503) Namakkal(DT), Pincode:637503	
5	Contact phone number	9003557624	
6	Aadhar card No.	7336 5186 0887	
7	Age	46 years	
8	Available land	4.5 acre (Rainfed & Garden land)	
9	Farming details (crops to be cultivated / livestock / poultry / enterprises)	Groundnut, Castor, Tapioca and minor millets	
10	Problems faced by the farmer	Poor groundnut pod yield due to continuous cultivation of traditional & local variety, higher incidence of root rot disease, low farm income during 2014	
11	Before KVK Intervention (details of traditional farming, yield and income)	Cultivation of local groundnut variety, Low pod yield (710 kg/ha) recorded, less farm income is Rs.16400/ha (2014)	
12	KVK Intervention (Training, demo and etc)	<ul style="list-style-type: none"> • Imparted training on integrated crop management in groundnut (2015) • Conducted cluster front line demonstration on groundnut for introduction high yielding (TMV-13/K6) and ICM practices (2015) • Participated in exposure visit to groundnut research station • Trained for groundnut seed production technology for PPP mode (2015) • Frequent Farm advisory services offered for him. 	
13	Details of interventions made by the farmer	<ul style="list-style-type: none"> • Introduction of high yielding groundnut varieties (TMV-13) seeds – 200 kg / ha • Soil application - <i>P. fluorescence</i> @ 2.5kg/ha – 2.5 kg • Seed treatment - <i>Trichoderma viride</i> @ 4g/kg – 1.0 kg • TNAU Groundnut Rich – 5.0 kg/ha • Pheromone traps @ 12no/ha with lures 3 changes • <i>Rhizobium</i> seed treatment (3pkt), soil application -10pkt/ha • Recommended dose of NPK fertilizers 	

		<p>(25:50:75kg/ha)+ Sulphur -60kg/ha</p> <ul style="list-style-type: none"> • Gypsum – 400kg/ha
14	Out come / results (Yield, cost of cultivation, net income, BCR, other technical points etc.,)	<ul style="list-style-type: none"> • No. of pods per plant: 45.6 • Less incidence of root rot (1.8%), wilt diseases (1.4%) • Groundnut pod yield:1400 kg/ha • Cost of cultivation: Rs.28500/ha • Net income: Rs.41500/ha • BCR: 2.45:1 • Fetched higher market price • Easy to harvest
15	Farmers feedback	Groundnut variety (TMV-13) were recorded more number of pods per plant and higher pod yield per acre compared to traditional groundnut variety (TMV-7) cultivation. This variety performed very well under drought condition. Very less incidence of root rot disease.
16	Impact of the technology	He supplied 6550 kg of TMV-13 groundnut seeds to agricultural department and also supplied 3500 kg of pods to nearby needy farmers. He also act as “Farmer Teacher” for groundnut production technology in ATMA programmes. Currently TMV-13 groundnut variety areas spread in Mallasamudhiram block is 210 acres.

