



ICAR - KRISHI VIGYAN KENDRA
(Hosted by CREED)
Ariyalur District, Tamil Nadu

OFT - 2022-23





OFT No:	I	Title :	Assessment of Green gram varieties for Ariyalur district

Name:	Mr.M.Thirumalaivasan	Designation and discipline:	SMS (Agronomy)

Replications/ Beneficiaries:	5	Location :	Venmankondan	Season	Rabi 2022	Status	New

TO1	Cultivation of **VBN 4**
Source and year	NPRC , 2019
TO2	Cultivation of **WGG 42**
Source and year	PJTSAU, 2016
Farmers Practice	Cultivation of VBN 2
Parameter(s)	No. of plants /sq.m,No. of pods/plant,100 seed weight,Yield (q/ha), MYMV Infestation (%),Pod borer infestation (%),BCR
Critical inputs	Seed, *Bacillus subtilis,* TNAU Pulse Wonder & Field board
Cost per replication (Rs.)	2,260
Total Cost (Rs.)	11,300

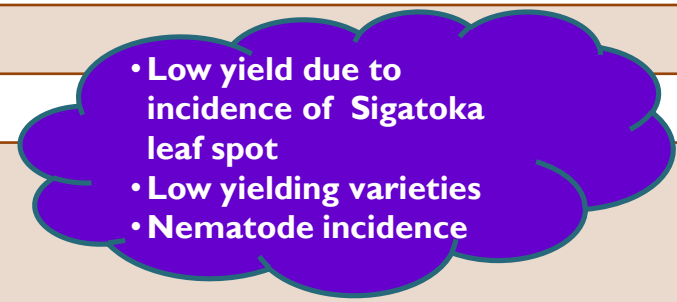
- **MYMV (35%)**
- **Cultivation as intercrop not sole crop**

OFT No:	2	Title :	Assessment of banana varieties for higher yield

Name:	Mr.Y. Raja Joslin	Designation and discipline:	SMS (Horticulture)

Replications/ Beneficiaries:	5	Location :	Venmankondan	Season:	Kharif 2022	Status:	New

TO1	Cultivation of **Banana variety CO 3**
Source and year	TNAU 2022
TO2	Cultivation of **Banana variety Kavery kalki**
Source and year	ICAR-NRCB Trichy, 2019
Farmers Practice	Poovan / Karpooravalli Variety
Parameter(s)	• No. of hands per plant • Yield per plant(Kg) • Sigatoka lealf spot incidence (%) • Yield q/ha • BCR
Critical inputs	Banana Suckers-100nos, Banana Sakthi 3kg , *Bacillus Subtilis*
Cost per replication (Rs.)	3,300
Total Cost (Rs.)	16,500

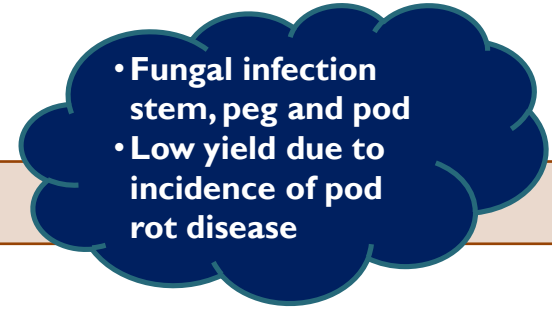


OFT No:	3	Title :	Assessment of pod rot management in Groundnut

Name:	Mr.M.Ashok kumar	Designation and discipline:	SMS (Plant Protection)

Replications/ Beneficiaries:	5	Location:	Suthamalli	Season:	Rabi 2022	Status:	New

TO1	• **Seed treatment with *Trichoderma viride*** at 4g/kg of seeds and soil application 2.5 kg/ha. • Soil application of castor and neem cake @ 500kg/ha
Source and year	Directorate of Groundnut research 2015
TO2	• Seed treatment with Tebuconozole @ 1.5 g/kg of seeds • Soil application of Neem cake @ 500 kg/ha • Spot drenching with Carbendazim @ 2 g/litre of water
Source and year	TNAU, 2018
Farmers Practice	• Foliar spray of carbendazim
Parameter(s)	No. of plants /sq.m, No. of pods /plant, Pod rot incidence (%), Yield (q/ha), BCR
Critical inputs	*T.viride*, Tebuconozole, Carbendazim, Neem cake, Castor cake
Cost per replication (Rs.)	1,105
Total Cost (Rs.)	5,525



OFT No:	4	Title :	Assessment of Iron rich dhal mix for addressing micronutrient malnutrition among Adolescent girls

Name:	Mrs.S.Shobana	Designation and discipline:	SMS Home Science

Replications/ Beneficiaries:	5	Location:	DFI Village – Veerakkan	Season:	Throughout the year	Status:	New

TO1	**Moringa leaves + Amaranthus leaves + Curry leaves + Amla + Dhal mix**
Source and year	CSC&RI, Madurai, 2015
TO2	**Dhal mix**
Source and year	CSC&RI, Madurai, 2016
Farmers Practice	Normal Diet
Parameter(s)	Nutritive value, Sensory evaluation, Shelf life of dhal mix, Consumer preference
Critical inputs	Dhal and other ingredients, lab analysis fees, field board
Cost per replication (Rs.)	1,500
Total Cost (Rs.)	7,500

OFT No:	5	Title :	Assessment of small ruminant specific mineral mixture on production performance of goats in Ariyalur District

Name:	Dr. K. Karthik	Designation and discipline:	SMS Animal Science

Replications/ Beneficiaries:	5	Location :	Keelakudikadu	Season :	-	Status :	New

TO1	**Goatmin**
Source and year	NIANP, 2018
TO2	**Smart Mineral Mixture**
Source and year	TANUVAS, 2019
Farmers Practice	Sodium Chloride
Parameter(s)	% Weight gain, Disease incidence %, Twinning/Triplet %, % incidence of mineral deficiency disease, BCR
Critical inputs	Goatmin, Smart mineral mixture, Dewormer, Field Board
Cost per replication (Rs.)	3,080
Total Cost (Rs.)	15,400

- **Lack of specific nutrient in soil**
- **Poor Weight gain**
- **Less milk**