

Dr. Ramanaidu Ekalavya Foundation
KRISHI VIGYAN KENDRA, TUNIKI, MEDAK DIST. T.S.
FACT SHEET 2018-19

KVK, Tuniki is working under the aegis of Ekalavya Foundation since 2017 in Medak district. The district is under scarce rainfall zone with 700-750 mm with 1.18 lakh ha net cultivable area with 75% red loamy soil and central agro-ecological situation. Major crops in Kharif are Paddy, Redgram, Cotton, Maize and in Rabi: Jowar, Bengalgram. Horticulture crops Mango, Guava & vegetable crops like Tomato, Brinjal, Onion were also cultivated to a significant extent. Adopted villages are located in 3 mandals (Kowdipally, Kulcharam & Chegunta)

Mandatory activities:

Organized 46 training programmes covering 3576 participants of which 2597 are male and 979 are female. Organized FLDs in 58 ha with 142 farmers. Twenty one technology assessments were carried out as per the mandate. Demonstrations were taken up in oil seeds and pulses, cereals, horticulture, livestock and home science. Seed production was carried out.

BUDGET	
Particulars	Amount
A. Recurring Items	
Pay & Allowances	82.22
T.A.	1.03
Office contingencies	4.30
Office Rent	1.25
Technical contingencies	2.39
Maintenance of Farm	7.76
Soil testing refill	0.0
Special Programmes	
Pre-rabi campaign	0.83
Swachhata Action Plan	0.26
Revolving Fund	3.00
SC Sub plan	1.91
Total Recurring contingencies	104.95
B. Non-recurring items	
Computer & Printer	0.70
Furniture	0.83
Vehicle (Four Wheeler)	9.00
Total	115.48

EXTENSION ACTIVITIES

Field days	3
Group discussions	19
Field visits	186
National nutrition week	1
Soil health day	1
Kisan Diwas	1
Women's day	1
Kisan Mela	1
Swatch Bharat	10
Method demonstrations	18
Swatch He Sewa	10

OTHER EXTENSION ACTIVITIES

Extension Literature	5
News paper coverage	49
Popular articles	8
Videos	5
Animal health camps	33

Technologies assessed:

- Alternate wetting and drying in rice.
- Assessment of high yielding and wilt tolerant chickpea variety "Nandyala Gram -49" (NBeG-49).
- Demonstration of wilt tolerant Maize Hybrid KNMH-4010131 (Karimnagar Makka-1)
- Zinc management in Redgram of Black soils
- Soil Test based nutrient recommendation in Maize of Black Soils
- Management of pink bollworm in Cotton
- Management of Tomato Pinworm
- Management of Leaf hoppers in Mango
- Management of Nematodes in Mulberry Plantation
- Management of Helicoverpa and Maruca in Redgram
- Management of Fallarmy Worm in maize.
- Application of Arka Microbial Consortium (AMC) in Tomato
- Introduction of Onion variety Agrifound light red
- Assessment of Marigold hybrids
- Assessment of Raised Bed Planter in Maize
- Assessment of Tractor drawn maize planter
- Feeding of area specific mineral mixtures for high productivity of dairy cattle
- Efficacy of coated vitamins and chelated trace minerals in anoestrous -cattle
- Backyard nutritional garden
- Organic brown rice for income generation

Category	No. of Technology Assessed	No. of Trials / Locations	No. of Farmers
Crops	17	103	68
Livestock	2	6	8
Various enterprises	1	4	4
Total	20	113	80

Training programmes conducted during 2018-19

Clientele	Courses	Male	Female	Total
Farmers	26	606	189	795
Rural youths	2	33	20	53
Ext functionaries	-	-	-	-
Sponsored Training	18	1958	770	2728
Vocational Training	-	-	-	-
Total	46	2597	979	3576

Beneficiaries of Demonstrations				Demonstrations Conducted																			
Enterprise	No. of Farmers	Area(ha)/ units	Units/ Animals	<ul style="list-style-type: none"> Demonstration of high yielding and early duration red gram variety "PRG-176" Demonstration of high yielding rice variety "KNM-118" Zero tillage in maize Soil test based nutrient management in Bt.Cotton of Black soils Soil test based nutrient management in Rice of Black soils Demonstration of Waste Decomposer Technology in standing crop residues of Maize Integrated management of virus in Chilli Management of BPH in Paddy Management of Pink stem borer in Maize Management of yellow stem borer in Rabi Paddy Trellis method of cultivation in Tomato Integrated crop management in Brinjal Integrated crop management in Mango Demonstration of Mechanical weeders in different crops Demonstration of Maize Dehusker cum sheller Direct seeding in rice with drum seeder Effect of mineral licks supplementation in grazing sheep and goats Management of parasitic infestation in calves mortality Value addition of mango and guava Testing the efficacy of sapling transplanter 																			
Oilseeds	-	-	-																				
Pulses	10	4	-																				
Cereals	57	24	-																				
Vegetables	25	10	-																				
Other Crops	20	8	-																				
Total	112	46	-																				
Livestock	5	-	194																				
Other	-	-	-																				
Grand Total	117	46	194																				
Seed Production at KVK other than Seed Hub																							
Crop & Varieties		Quantity (Q)	Value (Rs.)																				
Redgram PRG-176		7	70,000																				
Vegetable Seedlings Produced																							
Crop	Quantity (Beneficiaries)	Value (Rs.)																					
Brinjal	15500 (6)	7750.00																					
Tomato	8300 (3)	4150.00																					
Marigold	3000 (2)	12000.00																					
Awards/Recognitions																							
<p>Rythunestham Award under Scientist Category for the year 2018-19 constituted jointly by Rythunestham Foundation, Guntur, Andhra Pradesh and Muppavarapu Foundation, Shamshabad, Telangana. This award is presented by Honorable Vice-President of India, Shri M Venkaiah Naidu.</p>																							
				<table border="1"> <thead> <tr> <th colspan="5">CFLDS conducted (Number)</th> </tr> <tr> <th>Crop</th> <th>Kharif</th> <th>Rabi</th> <th>Summer</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>					CFLDS conducted (Number)					Crop	Kharif	Rabi	Summer	Total	-	-	-	-	-
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Crop	Kharif	Rabi	Summer	Total																			
-	-	-	-	-																			
Soil, water & plant materials Analyzed				Significant achievements																			
Sample type	No. tested	Beneficiaries	Revenue (Rs.)	<ul style="list-style-type: none"> ➤ Defending crops effectively against monkeys and other vertebrate pests using low cost solar powered fence. ➤ Management of Fall Armyworm in Maize through organic methods. ➤ Organic production of Mango, Redgram, Rice, Maize & Vegetables. ➤ 100% rain harvesting in the KVK farm. 																			
Soil	284	545	0																				
Water	0	0	0																				
Plant	0	0	0																				
Livestock Production																							
Cow	8	-	40,000.00																				
Mobile Advisory Services																							
Category	No. of Messages	Farmers	Responses																				
Agriculture	40	1500	-																				
Weather	-	-	-																				
New Infrastructure created				Revolving Fund																			
One Vermicompost shed from RF		Rs. 2,00,000.00		Opening Balance		24,000.00																	
Poultry Demo unit		Rs. 1,20,000.00		Receipt from ATARI		3,00,000.00																	
Water Sump (6 Lakhs liters capacity)		Rs. 8,00,000.00		Loan from Host organization		12,00,000.00																	
				Revenue generated		8,42,910.00																	
				Closing Balance		4,07,217.00																	