



**Shri Hanumantharaya Educational and Charitable Society**  
**KRISHI VIGYAN KENDRA, YAGANTIPALLE, KURNOOL DIST. A.P.**

**FACT SHEET 2019-20**

KVK, Yagantipalle is working under the aegis of SHE &CS since 1989 in Kurnool district. The district is under scarce rainfall zone with 550-650mm with 8.89 lakh ha net cultivable area with 75 % black soil and seventeen agro-ecological situations.

**Major crops:**

**Kharif:** Cotton, Groundnut, Paddy, Redgram, Maize, Chillies, and Onions

**Rabi:** Bengal gram, Jowar, Black gram.

**Mandatory activities:**

Organized 160 training programmes covering 5498 participants. Organized FLDs in 554 demonstrations with 554 farmers. Twenty on-farm testings were organized as per the mandate. The activities were carried out in eastern part of the district. Villages covered under various activities of KVK are Yagantipalle, Yerragudi, H.Kottala, Katikavanikunta, Bijinavemula, Jupadu Bunglow, R.S. Rangapuram, Ambapuram, Kolimigundla, Giddaluru, Govindapalle, Meerapuram, Mangapalle and Marrisipalle.

**Demonstrations Conducted**

- Mechanical Harvesting in Bengalgram var. NBeG-47
- Weed management in Direct seeded rice
- Introduction of Bengalgram with Zero tillage in Setaria + Redgram
- Demoon Cropping sequence Seteria – Blackgram
- Demonstration on Nutri-cereals
- Paired row method of planting in Maize
- Zero tillage in Maize cultivation
- Soil test based nutrient management in Bt cotton
- STCR based nutrient management in Paddy
- Zinc management in Jowar
- Sulphur and Zinc management in Bengal gram
- Reclamation of sodic soils with Gypsum @ 2.5 t/ha
- IPM for Pink Boll worm in Bt cotton
- Integrated Disease Management in Groundnut
- Management of shoot fly in Jowar
- Management of podfly in Redgram
- Management of bud necrosis in Blackgram
- Integrated Pest & Disease Management in Onion
- Integrated Crop Management in chilli
- Integrated Crop Management in Brinjal
- Dry root rot management in Acid lime
- Cultivation of Dolichos bean as alternate to traditional vegetables
- Integrated Crop Management in Pomogranate
- Multiple cropping systems in horticulture
- FLD on CoFS 29 fodder
- Supplementation of 50% GNH feed to ram lambs
- FLD on Kadaknath Poultry
- Supplementation of 30% BGH incorporated feed to Milch Buffaloes
- Demonstration of cotton hand gloves
- Demonstration of three pronged wheel hoe

**Technologies assessed:**

- Assessment of Pearl millet based intercropping systems under Rainfed situation
- Assessment of different in-situ moisture conservation methods and plant densities in Bengalgram
- Evaluation of super Early Varieties of Redgram
- Evaluation of Different Minor millets under Rainfed situation
- Assessment of efficacy of potassium & zinc on productivity of redgram
- Assessment of Phosphorus consortia for Phosphorus management
- Evaluation of Organic Package on Yield & Pest Management in Rice
- Assessment of rice seedling dip in Pseudomonas for blast disease management
- Management of Fall Army Worm in Maize
- Evaluation of different Biofungicide seed treatments for wilt and dry root rot management in Bengalgram
- Assessing the performance of tomato hybrids Arka Samrat & Arka Abhed
- Soil test based fertilizer management in Onion
- Assessment of fertigation schedule in tissue culture Banana
- Assessment of triple layer hermetic storage bags for storing
- Assessment mango harvesters for harvesting of mango to minimize post harvest losses
- Supplementation of bypass fat to milch buffaloes
- Assessment of different poultry breeds at backyard
- Feeding of balanced ration to milch buffaloes through ration balancing
- Improving breeding efficiency in milch buffaloes through hormone treatment.

**Most Significant Achievement(s) During 2019-20:**

- KVK Yagantipalle received "Best NICRA KVK Award" from ICAR during Annual Review Workshop of NICRA KVKs during 2019-20.
- Established Agriculture Technology Information Center and Sales counter at KVK premises.
- Started working with 3 Farmer Producer Organizations.
- **Kisan Mela** under **JAL SHAKTHI ABHIYAN** programme was organized in Chagalamarri mandal.
- Established Mushroom Production and Training unit at KVK.
- Two Skill based training programmes sponsored by ASCI and two STRY training programmes sponsored by ATMA were organised.
- Took up large scale demonstration of on rice in 200 ha on STCR as whole village approach which saves Rs. 9685/ha on chemical fertilizers.
- A total of 3016 Quintals of seed (Cereals, Pulses, Oilseeds and Millets) was produced and supplied to farmers. Under Seed Hub pulses project 1178 quintals of pulses seed produced through Participatory seed production
- 282 tonnes of vermicompost, 30 tonnes of Bio-urea and 49.53 quintals of various Bio-inputs produced and sold to farmers.
- A total of 6,24,199 No. of planting material (Vegetables) supplied to farmers through raising in shadenets.
- A total of 5506 No. of livestock material (Poultry and Sheep) were supplied to farmers.

**Training programmes conducted during 2019-20**

Soil Samples		Beneficiaries	Revenue (Rs.)	Clientele	Courses	Male	Female	Total
Soil	1189	869	1,78,350.00	Farmers	93	2421	695	3116
				Rural Youths	24	328	271	599
Water	32	32	3200.00	Ext. Functionaries	12	236	357	593
				Sponsored training	25	749	361	1110
				Vocational training	6	67	13	80
Plant	4	2	2400.00	<b>Total</b>	<b>160</b>	<b>3801</b>	<b>1697</b>	<b>5498</b>

<b>New Infrastructure created:</b> <b>Under RKVY:</b> 1. Promotion of farm mechanization 2. Strengthening of soil testing laboratory for more out reach 3. Establishment of Spawn and mushroom production unit 4. Sustaining farm income through integrated farming system 5. Establishment of information and communication centre for wider dissemination of technologies <b>With KVK Revolving Fund:</b> 1. Elevated wooden floor Sheep shed 2. Vermicompost units						<b>Skill Development training programmes conducted:</b> 1. Quality seed growers-200 hrs 2. Organic farming- 200hrs 3. Tailoring and stitching 4. Organic farming (STRY) 5. Value addition to Millets (SERP)					
<b>Cluster Frontline Demonstrations on Pulses:</b>						<b>Cluster Frontline Demonstrations on Oilseeds:</b>					
Crop and variety	Area (ha)	No.of Demos	Farming situation	Yield (Kg/ha)		Crop and Variety	Area (Ha)	No.of Demo	Farming Situation	Yield (Kg/ha)	
				Demo	Check					Demo	Check
Red gram (LRG-52)	10	25	Rainfed	1207	1034	Groundnut (Kadiri Harithandra)	20	25	Rainfed	1281	1002
							20	25	Irrigated	2667	2219
Black Gram (TBG-104)	10	25	Irrigated (Kharif)	768	676	Castor (DCH-519)	10	13	Rainfed	1493	1253
	10	25	Irrigated (Rabi)	2258	1913		70	80	Irrigated	2276	1929
Bengal gram (NBeG-3)	10	25	Rainfed	1753	1460	Sunflower (NDSH-1012)	10	13	Irrigated	1620	1303
						Safflower (PBNS-12)	10	13	Rainfed	1234	983
						Sesame (YLM-66)	10	13	Irrigated	1265	1009
<b>Seed Production in Seed Hub</b>						<b>Mobile Advisory Services</b>					
Crop	Varieties		Production (Q)		Category	No. of Messages		Farmers	Responses		
Redgram	PRG 176, ICPL 87119, LRG 52		429.21		Agriculture	32		67253	1348		
Bengalgram	NBeG 3, NBeG 49, NBeG 119, NBeG 47		602.45		Weather	92		19864	279		
<b>Seed Production at KVK other than Seed Hub</b>				<b>EXTENSION ACTIVITIES</b>		<b>OTHER EXTENSION ACTIVITIES</b>					
Crop	Variety		Production (Q)		Group discussions		12	News paper coverage		45	
Paddy	BPT-5204		846.64		Diagnostic visits		101	Popular articles		7	
	NDLR-7		416.36		Field Day		7	Radio Talks		15	
Jowar	NJ-15		20		Soil health day		1	Animal health camps		8 (206)	
Setaria	Suryanandi, SIA-3085, SIA-3122		300		Kisan Diwas		1	Research articles		2	
Groundnut	Kadiri Harithandra		150		Mahila Kisan Diwas		1	Seminars		3	
					Exhibitions		15	Conferences		3	
Blackgram	TBG-104		123		Animal health camps		8	Workshops		3	
Minor millets			80		Method demonstrations		16	National Horticulture Fair		1	
<b>Production of Bio Products and Livestock materials</b>				Exposure visits		19		<b>Other Projects</b>			
Vermicompost		282100 kg		Advisory services		124		1. NICRA			
PSB		593 kg		Swachta Hi Sewa		1		2. Conservation agriculture.			
Azospirillum		39.5 kg		Int. womens day		1		3. Seed hub pulses			
Pseudomonas		1533 kg		Kisan Mela		1		4. Bio Kisan Project			
Trichoderma		973 kg		World food day		1		5. SERP-APRIGP Project			
Bio-urea		30000 Kg		AMC level trainings and Resource person		33		6. APDMP-BRC Project			
KMB		471 Kg						7. RAWEP - 4 universities 165 No			
Feed and Mineral Mixture		7100 kg		<b>Awards/Recognitions to KVK</b>							
Earthworms		1177		<b>Smt. G. Dhanalakshmi</b> , Senior Scientist and Head recieved "Best Oral Presentation Award" in International conference on sustaining farm incomes through agriculture in Nepal.							
Goats and Lambs		36 nos.		<b>Sri. A. Krishna Murthy</b> , SMS (AH) recieved "Best Paper Award" from Indian Society of Animal Production Management during 2019.							
Poultry		5649 no		<b>KVK Yagantipalle</b> received "Best NICRA KVK Award" from ICAR during Annual Review Workshop of NICRA KVKs during 2019-20.							
<b>Supply of seedlings</b>											
Chilli seedlings		573292 no									
Tomato seedlings		18540 no									
Cabbage seedlings		18010 no									