

Youth For Action
Krishi Vigyan Kendra, Mahabubnagar-I
Indian Institute of Agricultural Research (ICAR)



YFA-Krishi Vigyan Kendra, Mahabubnagar-I
Madanapuram(Village & Mandal), Wanaparty district,
Telangana State-509110

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Background

KVK, Mahaboobnagar-I was established on September, 1992 under the affiliation of/sponsored by ICAR, New Delhi with administrative control by Youth For Action (YFA). YFA, Secunderabad, Hyderabad Since 1992. The operational area under YFA-KVK was 64 mandals, but after the establishment of new KVK (Palem) in the erstwhile Mahaboobnagar district, at present the operational area is reduced to the 30 mandals of estl. Mahaboobnagar district. For every three years adopted villages selected on the basis of PRA survey.

YFA-Krishi Vigyan Kendra, Madanapuram working for farming community for the past 25 years for the development of sustainable agriculture. YFA-KVK situated at 1.5 km away from Madanapuram (Wanaparthy Road) Railway Station and 1 km from Madanapuram village and mandal and at the same time KVK 19 kms way from Wanaparthy District and 140kms from Hyderabad.

The aim of Krishi Vigyan Kendra, Madanapuram is to cater the needs of farmers of Wanaparthy, Narayanapet, Jogulamba Gadwal and some parts of Mahabubnagar districts, under the order of ICAR-ATARI, ZONE X, Hyderabad.

Mandate and Activities

The mandate of KVK is Technology Assessment and Demonstration for its Application and Capacity Development.

To implement the mandate effectively, the following activities are envisaged for each KVK

1. **On-farm testing** to assess the location specificity of agricultural technologies under various farming systems.
2. **Frontline demonstrations** to establish production potential of technologies on the farmers' fields.
3. **Capacity development of farmers and extension personnel** to update their knowledge and skills on modern agricultural technologies.
4. To work as Knowledge and Resource Centre of agricultural technologies for supporting initiatives of public, private and voluntary sector in improving the agricultural economy of the district.
5. **Provide farm advisories** using ICT and other media means on varied subjects of interest to farmers

In addition, KVKs produce quality technological products (seed, planting material, bio-agents,

livestock) and make it available to the various units of a research institution with farmers, organize frontline extension activities, identify and document selected farm innovations and converge with ongoing schemes and programs within the mandate of KVK.

Available Facilities at KVK

1. Infrastructures/Buildings

YFA-KVK has very well-developed administrative building having two training halls with Audio Visual Support, library and office space.



2. Instructional farm

YFA-KVK possesses about 50 acres of farm land that is under the cultivation of crops relevant to the area. The main purpose of the farm is to demonstrate the latest Agriculture and Horticulture practices. It also acts as a tool to do applied research on technologies and undertake trials before their transfer to farmers' fields. After careful planning and analysis of soil types, the farm was divided into three major blocks such as Horticulture (20 acres), Seed Production (10 acres) and Nursery unit. Thereafter, planting of mother plants of Horticulture crops such as Mango, Sapota, Sweet Lime, Pomegranate, Custard apple, Dragon Fruit, Oilpalm, Amla, Tamarind was undertaken. Seed production block is allotted for Paddy crop. The farm is operated on drip irrigation system where ever required with fertigation system also.



3. Production and Processing units

-Seed and Planting material production



-Vermi production unit



-Azolla Unit



-Poultry Unit



-Nutri-garden



-Green/shade house



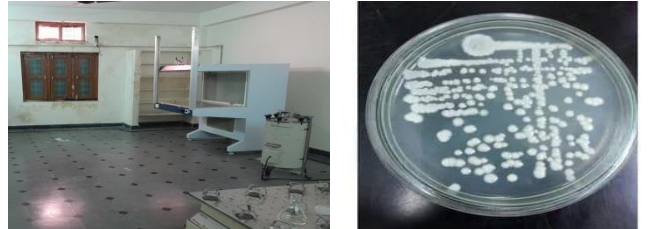
-Mushroom production unit



-Food Processing unit



-Trichoderma Viride unit



-Bio inputs Unit



-Dal Processing mill



4. Farm Machinery unit

Farm Machinery Unit of YFA-KVK which serves as Custom Hiring Center (CHC) has following Machinery made available for the farmers under hiring they are Rotovator, Cultivator, Seed Drill, Tractor Sprayer, Power Sprayer, Shredder, Cono weeder, Drum seeder, Brush Cutter, Power weder etc. besides these above machineries and implements are used for farm operation, as well as for demonstration to farmers.



5. ATIC (Agricultural Technology Information Centre)

The Agricultural Technology Information Centre (ATIC) is a “single window” support system linking intermediary users and end users (farmers) in decision making and problem-solving exercise.



6. Automatic Weather Station / Meteorological Unit

This automatic weather station at KVK records daily minimum & maximum temperature, humidity, rainfall, etc. It also provides information for weather forecasts and agro advisory based on the forecast. This data can be made available to farmers on demand, free of cost for working out the weather requirements of the plants & prediction of plant diseases due to changes in weather.



7. Farmers' Hostel

The KVK has a farmer's hostel that can accommodate more than 50 farmers' at a time. The facilities are also available on nominal charges to outside farmers who visit us during trainings and other activities.



8. Laboratory

Soil and Water Testing Lab: In this well-equipped laboratory, samples of soil and water tested supported with computer software for more precise interpretation of results. Every soil sample is analyzed for different parameters such as pH, Electric Conductivity, Organic Carbon, available Phosphorus & Sodium, Nitrogen, Potassium, Boron, Magnesium, Zinc, Copper, Iron content.



Services offered by KVK

Training Programmes: KVK organizes both On campus and Off campus trainings and skill trainings for Practicing farmers, Rural youth and Extension personals on desired topics. Special/Sponsored trainings can also be arranged for different institutes and organizations on topics of their choice but should be beneficial to farmers and related to Agriculture. Interested farmers may register their names with the KVK either personally or through phone or e-mail for the training that he/she wishes to attend.

Extension activities: KVK organises need based different extension activities where in farmers can participate in activities like awareness programmes, campaigns, Kisan melas, study tours, field days organised by KVK by prior request.

RAWEP Programme: KVK provides exposure to Agriculture students to natural setting to village situations, farm families, identifying their problems using various extension tools for transfer of latest Agriculture technologies. Through this programme KVK provide scope to increase indepth knowledge about principles and practices of Agriculture through theory and practical in real farm situation

Farm Advisory services: KVK disseminate information using ICT and other media means on varied subjects of interest to farmers. In addition to this, Farmers may interact with the scientists at the KVK to get consultancy on the information on advanced agricultural technologies and related information on allied sectors. On the other hand, on the request of the farmers or/and State Agriculture and Horticulture department KVK scientists visits to problematic fields for providing curative and diagnostic recommendations.

Source of Information: Farmers can get information on weather, pest and diseases forecast, seed and input availability etc, in the form of mobile SMS from the KVK (via-Mkisan and Kisan

Sarathi). Accordingly, they can decide on their Agricultural activities and future plans.

Availability of Infrastructure: AV supported Training halls on nominal charges for sponsored programmes. On the other hand Demonstration Units- Farmers can visit KVK, its demonstration units, instructional farm and KVK hostel availability on nominal charges.

Soil and Water Testing: Farmers can get their soil and water samples tested for various parameters of their choice provided with Soil Health Card with

scientist recommendations at reasonable rates at Soil testing laboratory.

KVK sales point: Farmers can buy given below inputs from KVK, which are sold on nominal cost. Improved varietal seeds paddy, pulses, oilseeds and varieties Grafts of improved varieties of fruit plants and ornamental saplings. Value added products from agriculture crops. Pheromone traps fruits traps for the control of fruit flies in cucurbitaceous crops. Other agents of biological control of pest such as sticky traps etc.

Staff Details

S.No	Name of the Incumbent	Designation	Contact No.
1	Dr. Khogare Dadasaheb Trimbak	Sr. Scientist & Head	9370006598
2	V. Rajendra Kumar	SMS (Plant Protection)	9440835658
3	A. Masthanaiah	SMS (Agri. Engg)	8978433314
4	K. Suresh kumar	SMS (Horticulture)	9640593241
5	R. Anitha	SMS (Home Science)	9618749026
6	Dr. G. Bhavani	SMS (Agril. Extension)	9618868810
7	D. Sadanandam	Farm Manager	9866994295
8	K. Rajesh Kumar Reddy	Prog. Asst. (Computer)	9966158058
9	V. Vijay Kumar	Prog. Asst. (Soil Science)	7036949943
10	B. Srinivasa Rao	OSA	9441467247
11	G. Sunder	Driver	9440186073
12	M. Srinivas Sagar	Driver	9951414525
13	K. Venkataiah	Supporting staff	9440259713
14	Y. Nagender	Supporting staff	9985947499

Glimpses of different activities conducted by KVK

