

VK

- an institutional innovation inspiring farmers



**Indian Council of Agricultural Research
Agricultural Technology Application Research Institute
Zone XI, Bengaluru, Karnataka**

ICAR-Krishi Vigyan Kendra-Gadag

out KVK

Organization : University of Agricultural Sciences, Raichur
Year of Establishment : 2004
Ecological Zone : Northern Dry Zone-3 and Region-10 of the state
Zone 11

Crops & Enterprises :

Season	Major crops
Crops in Kharif	Paddy, Sunflower, Maize, Foxtail millet, Sorghum, Bajra, Cotton, Groundnut, Onion & Chilli
Crops in Rabi	Rabi Sorghum, Maize, Chickpea, Sunflower, Tomato, Brinjal & Chilli
Perennial	Mango, Banana, Sapota, Papaya, Grape & Pomegranate
Livestock	Cross breed HF & Jersey, Local variety of Buffalo (Pandrapuri), Kenguri breeds of Sheep, Osmanabadi Goat breed and Poultry



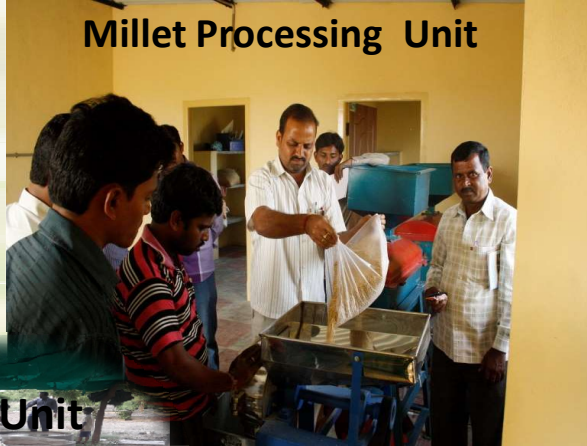
Our Strength

**OUR MANPOWER STRENGTH IS
75.00 PER CENT**

Soil Fertility Unit



Millet Processing Unit



Azolla Unit



Dairy Unit



Seed Unit



Farmers Hostel



Staff Quarters



Our Flagship Programmes

- **Soil Health Management in command area**
- **Paddy seed production**
- **Alternate cropping system in Paddy follows**
- **Direct Seeded Rice**
- **Organic Input Production**
- **Horticulture QPM production**
- **SHGs and Bank linkage**
- **Micronutrient Production**
- **Millet Processing Unit**



ed Production



micronutrient - Arka
vegetable Special



ture Nursery



Vermicompost Unit



Direct Seeded Rice



Soil Samp



Paddy followed M



Millet Processing Unit



SHGs Meet

Our Achievements

Introduction of Gangavathi Sona (GGV-05-01)

Chur
tolerant, moderate to
Lack of Rice variety salt
dist is 78,744 ha.

Spread of technology:
Horizontal spread of Gangavathi sona salinity tolerant rice variety in 78,744 ha in TBP and UKP area covered (out of 3.5 lakh ha in 22.5 % covered by Gangavathi Sona) and 96,000 ha affected salinity in TBP area.

Outcome:
Seed production of Gangavathi sona around 11,000 qtl and generated revolving fund amount of Rs 2.13 crores



Outcome to spread of technology

Year	Area (ha)
2011-12 to 2018-19	22
	6
	65
	1855

GGV-05-01

Receipt (in Crores)	No. of farmers
2.13	20,669

Technology : ICM in Direct Seeded Rice (DSR) method

- **Technology:** Direct seeding using paddy tractor drawn seed drill, Weedicides and Cycle Weeder for weed management, ICM practices
- **Major features:** High cost of cultivation, scarcity of labor, water for irrigation, delayed planting, non awareness about use of seed drill
- **Relevance to district:** Paddy area in Koppal dist is 39000 ha.

Extension activities carried out for spread of technology

Year	Taluk	Area (Acre)	No. of Demos	Training (No. farmers)
2016-17	J.Kalgudi	10	10	65
2017-18	Yeradona	10	10	65
2018-19	Chellur	10	10	150

Other activities for spread of technology:

- ❖ Short messages , Field visits , Leaf lets, folders, leading news paper coverage
- ❖ Tie up with Agril. Dept in spread of technology
- ❖ Technical bulletin was published and distributed to farmers

Spread of technology:

This is a new technology to the farmers of Koppal Dist. and farmers are showing interest to adopt the technology. From 2015-16 to 2018-19 , more than 6500 ha area is under DSR Paddy.

Outcome:

Adoption of ICM in DSR method using tractor drawn seed drill increases the yield 8-9% than conventional practice by saving cost of cultivation around 5000 to 7000 per acre in demonstration field



Entrepreneurship in Millets

ICAR-KVK, Gangavathi has introduced new and high yielding millet variety top kodo millet, barnyard & little millet and increased area from 500 ha. district

Establishment of millet processing unit

Name of the farmer:-Shri siddana gouda

Village:-yerdona,siddapura post,gangavathi

Financing Agency:- INSIMP,KSAD .

Value added products:-Foftail millet rice,dosa mix Idlirava,Barn yard millet rice,rava,

Income per month:-25000/-



Demonstration of Micronutrient mixture Arka Vegetable Special

Productivity and
Special
covered in an area of

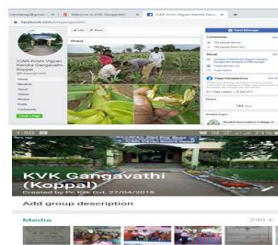
Year	Activity carried out
2014-15	FLD / Training (Brinjal Chilli and Tomato)
2015-16	FLD / Training (Brinjal Chilli and Tomato)
2016-17	FLD / Training/Radio (cabbage and Cauliflower)
2017-18	FLD / Training/ Radio (cabbage and Cauliflower)
2018-19	FLD / Training/ Radio (Ridge gourd, Bittergourd, Cucumber, Watermelon)



Farmers feedback:

- Higher fruit yield/ plant
- More yield and quality fruits
- More market price

ICT Impact: Mobile advisories, Social Media groups



KVKs Facebook official page created on 18-5-2017, more than 743 likes and 749 people follows this page

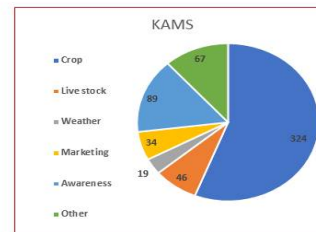
KVK created Whatsapp group on 24-7-2018, till more than 230 chats in this group



Using mKisan portal there are 579 SMS (Short Message Text) has been delivered and farmers getting benefitted more than 1024546

Year	Crop	Live stock	Weather	Marketing	Awareness	Other	No. of SMS	Farmers benefitted (No.)
2011-12	55	5	-	8	6	-	74	150
2012-13	65	9	7	8	18	5	112	325
2013-14	36	12	4	5	13	18	88	450
2014-15	38	13	2	6	18	18	95	550
2015-16	45	2	2	3	19	14	85	624
2016-17	24	1	1	1	4	2	33	3890
2017-18	34	2	2	2	3	2	45	3250
2018-19	27	2	1	1	8	8	47	3589
2019-20	32	5	5	8	6	12	150	4119
2020-21	27	4	7	13	5	14	150	7822
Total	383	55	31	55	100	93	879	24769

Farmers registered in mKisan 3589



Entrepreneurship in vermicompost production

Entrepreneurship development among rural youth through KVKs is very these days. Related to this ICAR-KVK, Gangavathi as encouraged a number of farm women's to take over the vermicomposting as enterprise. Efforts for development of rural youth Sri. Raghavendra, Basapatanna and Smt. S. S. successful entrepreneur in vermicomposting. Through KVK, Gangavathi to given to establish vermicompost units and also collection of vermish. expressed vermicomposting is very much encouraging entrepreneurship as organic cultivation.

Year	Earthworms produced(Kg)	Compost produced(Q)	Monetary benefit(Rs.)	Horizontal spread
2011-2021	400	2400	5,60,000	Bellary, Raichur, Vijayapura



Recognition to Our Farmer Partners

FARMERS WERE CONFERRED WITH STATE LEVEL BEST FARM AWARDS AND 35 FARMERS RECEIVED DISTRICT LEVEL AWARDS

