









PREPARED FOR





ANNUAL REVIEW MEETING
OF
KVK'S OF ZONE VIII





VENUE









28<sup>th</sup> to 30<sup>th</sup> September 2005



TARALABALU KRISHI VIGYAN KENDRA
DAVANAGERE - 577 004
KARNATAKA STATE



#### TARALABALU RURAL DEVELOPMENT FOUNDATION

## TARALABALU KRISHI VIGYAN KENDR DAVANAGERE



# ANNUAL PROGRESS REPORT

(October 2004 to September 2005)



#### PREPARED FOR

ANNUAL REVIEW MEETING OF KVK'S OF ZONE VIII

**VENUE** 

KERALA AGRICULTURAL UNIVERSITY
MANNUTHY, THRISSUR - 680 656
KERALA

28<sup>th</sup> to 30<sup>th</sup> September 2005

TARALABALU KRISHI VIGYAN KENDRA DAVANAGERE - 577 004 KARNATAKA STATE

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# **ANNUAL REPORT**

1. Name and address of the KVK: Taralabalu Krishi Vigyan Kendra,

with Pin Code

Anubhava Mantapa,

Davanagere-577004

Telephone with STD code

|                                    | STD Code | Phone No. |  |  |  |  |
|------------------------------------|----------|-----------|--|--|--|--|
| Office                             | 08192    | 263487    |  |  |  |  |
| Fax                                | 08192    | 264512    |  |  |  |  |
| Residence                          |          |           |  |  |  |  |
| Email Address: tkvk@taralabalu.org |          |           |  |  |  |  |

Name of the Host Organization: Taralabalu Rural Development Foundation,

Sirigere

**Telegraphic Address**: Sirigere-577541, Chitradurga Dist.

Karnataka

Phone: 08194 - 268829, 268842

# 2. Staff Position (as on 31st August 2005)

| Sanct<br>ioned<br>post | Name of the incumbent       | Designation                            | Discipline                               | Pay<br>Scale        | Basic<br>Pay | Date of joining | Permanent<br>/Temporary | Category<br>(SC/ST/<br>OBC/<br>Others) |
|------------------------|-----------------------------|--|--|---------------------|--------------|-----------------|-------------------------|--|
| 1                      | Dr.T.N.Devaraja             | Training Organiser                     | Fisheries                                | 10000-325-<br>15300 | 10000        | 17.05.05        | Permanent               | Others                                 |
| 1                      | Dr.R.Jayaramaiah            | Training Associate                     | Agronomy                                 | 8000-275-<br>13500  | 8000         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Dr.K.N.Srinivasappa         | Training Associate                     | Horticulture                             | 8000-275-<br>13500  | 8000         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Dr.G.R.Rajakumar            | Training Associate                     | Soil Science                             | 8000-275-<br>13500  | 8000         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Ms.Roopa S.Patil            | Training Associate                     | Plant Protection                         | 8000-275-<br>13500  | 8000         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Mr.H.M.Sandesh              | Training Associate                     | Agril .Extension                         | 8000-275-<br>13500  | 8000         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Vacant                      | -                                      | -  | -                   | -            | -               | -                       | -                                      |
| 1                      | Mr.B.O.Mallikarjuna         | Training Assistant                     | Agronomy                                 | 5500-175-<br>9000   | 5500         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Ms.P. Kavitha               | Training Assistant                     | Home Science                             | 5500-175-<br>9000   | 5500         | 01.06.05        | Permanent               | OBC                                    |
| 1                      | Ms.Mamatha R.<br>Halagol    | Training Assistant                     | Computer<br>Programming                  | 5500-175-<br>9000   | 5500         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Mr.Mallikarjuna S.G.        | Office Superintendent -Cum-Accountant  | Administration and Accounting            | 5500-175-<br>9000   | 5500         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Smt. Mamata H.<br>Melmalagi | Stenographer-Cum-<br>Computer Operator | Stenography and<br>Computer<br>Operating | 4000-100-<br>6000   | 4000         | 27.06.05        | Permanent               | Others                                 |
| 1                      | Mr.Marulasiddaiah.N.M       | Driver-Cum-Mechanic                    | Driving (Jeep)                           | 3050-4590           | 3050         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Mr.S.Shivakumara            | Driver-Cum-Mechanic                    | Driving (Tractor)                        | 3050-4590           | 3050         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Mr.B. Shivakumara           | Office Attendent                       | Assistance in office                     | 2550-3200           | 2550         | 01.06.05        | Permanent               | Others                                 |
| 1                      | Mr.S.E.Shivakumara          | Field Assistant                        | Assistance in Fields                     | 2550-3200           | 2550         | 01.06.05        | Permanent               | Others                                 |

## 3. Total land with KVK (in ha)

| Sl.No. | Item                      | Area(ha)    |
|--------|---------------------------|-------------|
| A.     | Under Buildings           | -           |
| B.     | Under Demonstration Units | -           |
| C.     | Under Crops               | -           |
| D.     | Orchard/Agro-forestry     | -           |
| E.     | Others                    | 37.00 Acres |

## 4. Infrastructural Development

### A) Buildings \*

|           |                         | S                                  |                                     |                |  |  |  |
|-----------|-------------------------|------------------------------------|-------------------------------------|----------------|--|--|--|
| Sl.<br>No | Name of the building    | Complete<br>(Plinth area in sq.m)  | Incomplete<br>(Plinth area in sq.m) | Source of fund |  |  |  |
| 1.        | Administrative building |                                    |                                     |                |  |  |  |
| 2.        | Farmers Hostel          |                                    |                                     |                |  |  |  |
| 3.        | Staff Quarters(6)       | D:1                                |                                     |                |  |  |  |
| 4.        | Demonstration Units     | Building plans have been submitted |                                     |                |  |  |  |
| 5.        | Any others              |                                    |                                     |                |  |  |  |
| 6.        | Total                   |                                    |                                     |                |  |  |  |

<sup>\*</sup> Buildings and facilities available at TRDF branch, Anubhava Mantapa, Davanagere are being utilized temporarily for Taralabalu Krishi Vigyan Kendra.

### **B) Vehicles**

| Type of Vehicle | Model | Actual Cost | Total kms. Run | Present status |
|-----------------|-------|-------------|----------------|----------------|
| Tempo (Cruiser) | 2005  | 5,00,000/-  | 1700 Kms       | Good           |
| Farm Tractor    | 2005  | 5,00,000/-  | 500 Kms        | Good           |
|                 |       |             |                |                |

#### C) Equipments & AV aids: Nil

#### **VISION PLAN OF TARALABALU KVK**

ICAR has set mandates to KVK for achieving over all growth of rural economy in the interest of farming community. Keeping in view the mandates of KVK, Taralabalu Krishi Vigyan Kendra has formulated action plan for the year 2005-06.

For achieving the mandates, Taralabalu KVK, has designed new approaches: To begin with adhering to the quotation of Chinese Revolutionist, MAO TSE -TUNG "*Before advising farmers*, *listen to them*" which is being well accepted and followed by Dr. M.S. Swaminathan, Chairman of National Commission on Farmers, Government of India.

Taralabalu KVK has made a humble beginning with a single most mantra of "Farmer is God, Serve the God". It is on a mission to be one of its kinds and this unique nature is exemplified in the innovative approaches adopted to reach out the farmers. Here the trainings are imparted by adopting special techniques viz., 'Learning by Doing' and 'Seeing is Believing'.

To start with, in each taluk of the district, two / three Grama Panchayats are selected and the villages coming under each GP are going to be addressed, eventually spreading to other Gram Panchayats covering the entire district. *Info kiosk* in each cluster of villages will be established in due course of time. Info kiosks can be established with financial assistance from ICAR/ State Govt./ Bank/ Host Organization/ KMK to meet the initial cost.

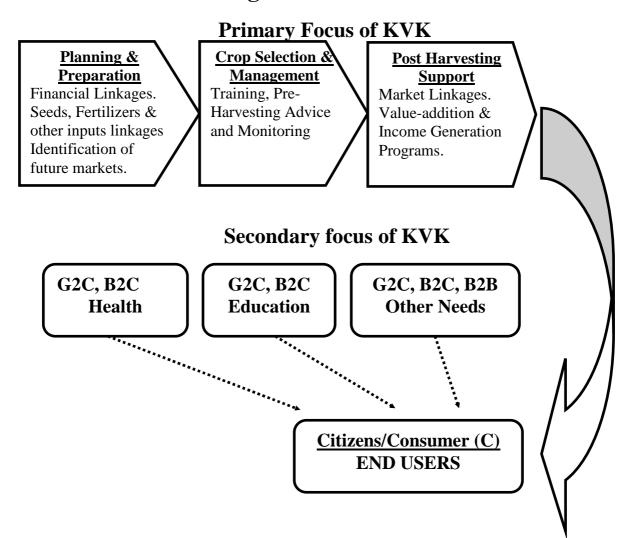
Establishment of info-kiosk at each cluster is to facilitate farmer with electronic information and communication system. All these info-kiosk will be connected to central node at KVK head quarters. The services to farmers at each Info-Kiosk are nominally charged. Once, it starts earning, the expenditure to run the services can be met by revenue earned by Info-kiosk itself. Besides, income-generating activities like, vermicomposting, mushroom cultivation, pisciculture, vegetable cultivation, home made value added products, etc. can be attached to the Kiosk center for its sustainable run.

### **Mode of Programme Implementation**

- $\triangleright$  Select 2 3 gram panchayats from each taluk
- Form "village level institution" called Krishi Mitra Kendra (KMK).
- All households are eligible to become members of "Krishi Mitra Kendra" by paying (some) nominal fee.
- > These kendras are like "water user group of World Bank assisted irrigation tank rehabilitation programme and "area group" as in watershed development project.
- > Same way the KMK is a permanent institution of a village.
- ➤ The KMKs are village level institutions to transfer the knowledge from KVK to all households of the concerned village as explained in macro and micro level models.

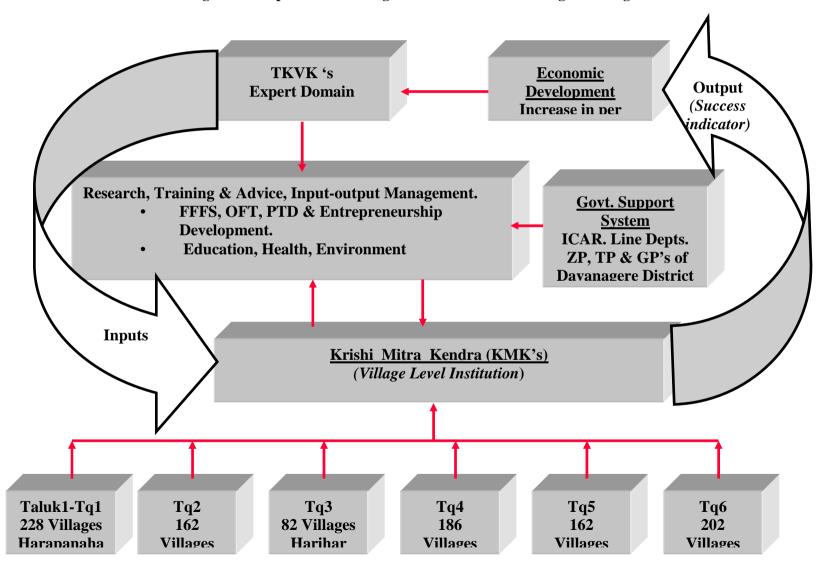
# **Macro Level Model**

# **Web-Based Integrated Business Model of KVK**



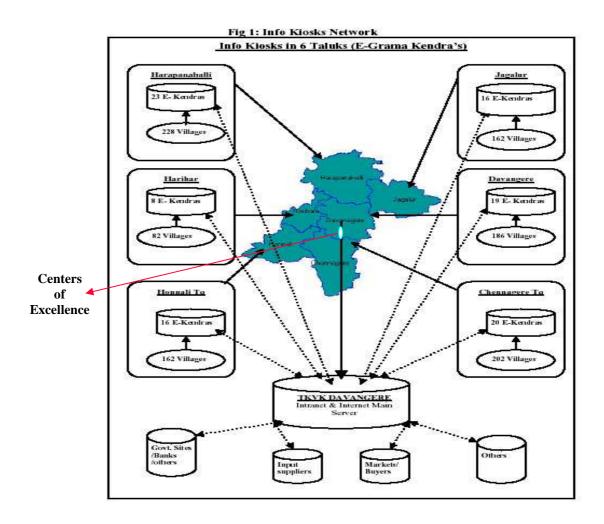
**Micro Level Model** 

Programme Implementation Stage: Institution and Knowledge Exchange Model

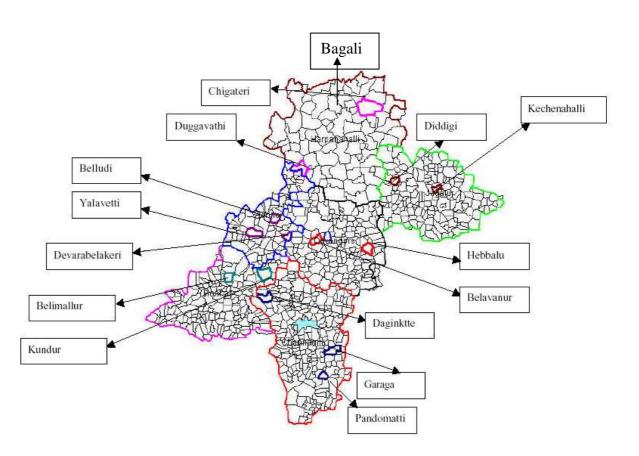


#### **Information & Communication Technology (ICT)**

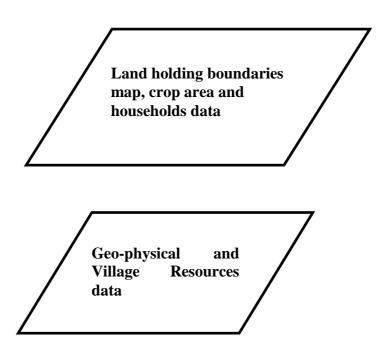
- > Group of KMK's formed into a cluster in a centralized place, this cluster equipped with computer and ICT network called "Info-kiosk's" are connected to central node at Taralabalu KVK Hq.
- > Finally, the Taralabalu KVK will become virtual for all 1022 villages in Davanagere district



# Phase-wise Implementation Model



# **Technology Intervention: GIS Application as Decision-Making Tool**





# Usage of image analysis software for assessing crop condition through spectral signature of the crop

## Landsat Image of Sugarcane-Planted Area in Tucumán Province, Argentina - 2001

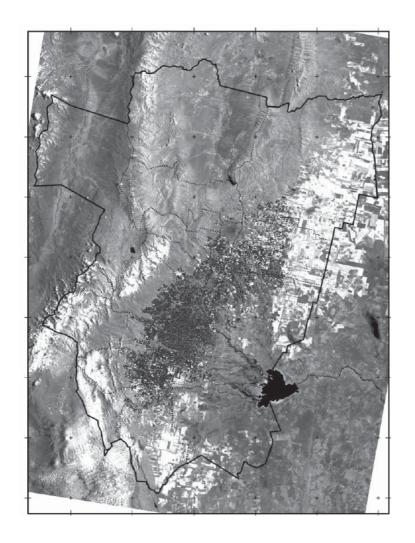




TABLE 1: Definitions of Yield Categories used in this Experiment

| Yield Category | Classifcation<br>(t/ha) | Total Area in<br>Hectares (ha) |
|----------------|-------------------------|--------------------------------|
| Low Yield      | 56                      | 128,780                        |
| Medium Yield   | 57-75                   | 45,940                         |
| High Yield     | 76                      | 8,670                          |

### 5. Description of Agro-climatic Zones and farming situations of the district:

The Taralabalu Krishi Vigyan Kendra is situated in Davanagere district. The district occupies a total geographical area of 5913.4 Sq. Km. It is spread over 6 taluks, 35 hoblies and 232 gram panchayats. According to 2001 census, the district comprises total population is 17,90,952, out of which 9,17,705 are male and 8,73,247 are female. The district is primarily agrarian in character and more than 75% of its population depending directly/indirectly on Agriculture for their livelihood.

Davanagere district is at center of the state and lies in between latitude of the 75°.30′ and 76°.30′ and longitude of 13°.45′ and 14°.50′. The average rainfall of the district is 597mm. The variety of soil is medium to deep black and red sandy loam. The district is essentially kharif region and Rabi crops will be taken up with help of irrigation from Bhadra canal. The district comprises of three agro climatic zones of Karnataka *viz.*, One taluk in Northern dry zone (Zone-III), 3 taluks in central dry zone (Zone-IV) and 2 taluks in southern transitional zone (Zone-VII).

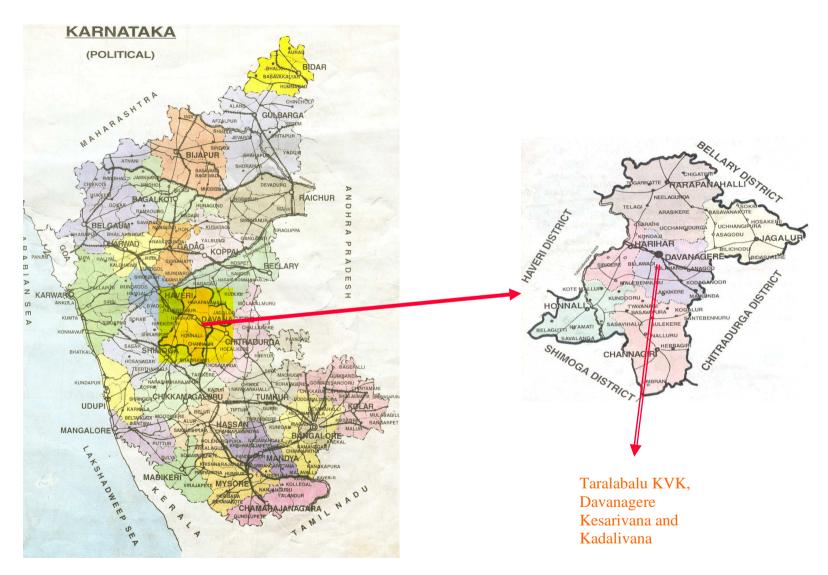
#### The main characteristics of these three Zones are

| ZONES                        | TALUKS        | SOIL TYPE        | CROPS GROWN                           |
|------------------------------|---------------|------------------|---------------------------------------|
| Northern dry zone (Zone-III) | Harapanahalli | Black and red    | Ragi, Maize, Jowar, Onion, Chili,     |
|                              |               | soils            | Sunflower, Minor millets, Coconut,    |
|                              |               |                  | Mango, Pomegranate.                   |
| Central dry Zone (Zone IV)   | Davanagere,   | Red Sandy soil   | Maige, Paddy, Jowar, Sunflower,       |
|                              | Jagalur,      | mixed with       | Sugarcane, Ragi, Minor millets,       |
|                              | Harihara      | clayey soil &    | Vegetables, Coconut, Areconut, Beetle |
|                              |               | patches of black | vine, Groundnut, Pomegranate.         |
|                              |               | soil             |                                       |
| Southern transitional Zone   | Channagiri &  | Red Sandy soil   | Maige, Paddy, Ragi, Cotton, Chilli,   |
| (Zone VII)                   | Honnali       | & black cotton   | Jowar, Groundnut, Areconut, Coconut,  |
|                              |               | soil             | Mango and other Commercial crops.     |

Major Crops and their area of the district

| Sl.No | Crops                 | Area (ha) | % of Total cultivable area* |
|-------|-----------------------|-----------|-----------------------------|
| 1     | Maize                 | 122235    | 29.50                       |
| 2     | Paddy                 | 106834    | 25.80                       |
| 3     | Ragi                  | 35472     | 8.60                        |
| 4     | Jowar                 | 33502     | 8.10                        |
| 5     | Oil seeds             | 31051     | 8.00                        |
| 6     | Sugar cane            | 22295     | 5.30                        |
| 7     | Cotton                | 10095     | 2.40                        |
| 8     | Fruits                | 8,867     | 2.10                        |
| 9     | Vegetables            | 3101      | 0.75                        |
| 10    | Red Gram              | 7551      | 1.82                        |
| 11    | Bengal Gram           | 1709      | 0.41                        |
| 12    | Horticulture & others | 30421     | 7.22                        |

<sup>\*</sup>The total cultivable area of the district is 413230 ha



Location of Taralabalu KVK, Davanagere

### 6. Thrust areas identified through PRA or any other methods

#### **Agronomy:**

- ➤ High yielding and late sowing varieties in maize, paddy, ragi and red gram
- > Seed treatment in ragi, ground nut, sunflower, cotton, castor, sugarcane
- ➤ Recent advances in production technology of major field crops
- > Production of quality organic manures by different methods
- ➤ Water management in paddy soils of Bhadra canal area
- > Popularization of minor millets

#### **Soil Science:**

- ➤ Integrated nutrient management and balanced nutrition
- > Soil testing and fertilizer usage
- ➤ Reclamation of Saline and Alkali soils

#### **Horticulture:**

- ➤ Introduction of new economic crops like grapes, medicinal and aromatic plants
- ➤ Latest improved varieties/ hybrids in vegetables
- > Improved cultivation practices in horticultural crops
- Establishment of scientific nurseries, nutrition/kitchen garden.
- Awareness about herbal garden.

#### **Plant Protection:**

- ➤ IPM in major field and horticultural crops viz., paddy, ground nut, sugar cane, cotton, sunflower, coconut, arecanut, mango and pomegranate
- ➤ Handling of spray equipments
- > Use of recommended dose of pesticides
- ➤ Diagnosis of insects-pests and disease symptoms
- > Use of eco-friendly approaches in management of pests and diseases botanicals, bio-agents

#### Fisheries:

- > Popularizing the entrepreneurship
- ➤ Water availability, production of fish seeds, Identification of suitable land
- > Technical knowledge, skilled personnel
- ➤ A farmer-A pond

#### **Home Science:**

- ➤ Value addition in ragi, soybean, maize
- > Preparation and preservation of jam, nectar and juice
- > Women and child health
- > Preparation of bakery and dairy products
- ➤ Vocational training on Income Generating Activities

### **Agriculture Extension:**

- ➤ Knowledge and awareness about different departments and their functions, governmental programmes and other developmental activities presently ongoing in the district
- ➤ Participatory Rural Appraisal for identification of thrust areas
- ➤ Knowledge on different markets and marketing situations
- > Technical knowledge about processing and post harvest technologies
- ➤ Income Generating Activities for SHG's

# 7. Training Achievements

## A) ON +OFF Campus

| Discipline                  | No.of   |        |        | No.of Par | ticipants |        |       | Grand |
|-----------------------------|---------|--------|--------|-----------|-----------|--------|-------|-------|
| _                           | courses | Others |        |           | SC        | C/ST   |       | Total |
|                             |         | Male   | Female | TOTAL     | Male      | Female | TOTAL |       |
| (a) Practicing F            | armers  |        |        |           | •         | •      |       |       |
| Crop                        | 13      | 240    | 72     | 312       | 82        | 18     | 100   | 412   |
| Production                  |         |        |        |           |           |        |       |       |
| Horticulture                | 02      | 01     | 49     | 71        | 01        | 09     | 10    | 81    |
| Livestock                   |         |        |        |           |           |        |       |       |
| Production and              |         |        |        |           |           |        |       |       |
| Management                  |         |        |        |           |           |        |       |       |
| Home Science                | 03      | 02     | 70     | 72        | 00        | 19     | 19    | 91    |
| Agril.                      |         |        |        |           |           |        |       |       |
| Engineering                 |         |        |        |           |           |        |       |       |
| Plant                       | 01      | 03     | 01     | 14        | 06        | 01     | 07    | 21    |
| Protection                  |         |        |        |           |           |        |       |       |
| Fisheries                   |         |        |        |           |           |        |       |       |
| Agril.Extension             |         |        |        |           |           |        |       |       |
| Agro-forestry               |         |        |        |           |           |        |       |       |
| Soil fertility &            |         |        |        |           |           |        |       |       |
| Management                  |         |        |        |           |           |        |       |       |
| Others                      | 05      | 42     | -      | -         | 08        | -      | 08    | 267   |
| (Collaborative)             |         |        |        |           |           |        |       |       |
| TOTAL                       | 24      | 298    | 213    | 511       | 97        | 47     | 144   | 872   |
| (b) Rural Youth             | ıs      |        | •      |           | •         | •      | · '   |       |
| TOTAL                       | -       | -      | -      | -         | -         |        | -     | -     |
| (c) Extension Functionaries |         |        |        |           |           |        |       |       |
| TOTAL                       | -       | -      | -      | -         | -         |        | -     | -     |
| <b>Grand Total</b>          | 24      | 298    | 213    | 511       | 97        | 47     | 144   | 872   |
| (a+b+c)                     |         |        |        |           |           |        |       |       |

B) Sponsored training programmes: Nil

C) Vocational training programmes for Rural Youth: Nil

#### **Results of Frontline Demonstrations**

- (A) Oilseeds
- (B) Pulses
- (C) Performance of FLD in the district

## (D) Details of farming situation (E) Analytical Review of component demonstrations Nil (F) Technical feedback on the demonstrated technologies (G) Farmers reactions on specific technologies (H) Extension and Training Activities under FLD

### (I) Results of FLDs in Cereals and allied enterprises

| Sl. No. | Season      | Crop/       | Area (ha)  |             | No. of            | Remarks                                      |
|---------|-------------|-------------|------------|-------------|-------------------|--|
|         | & Year      | Enterprises | Sanctioned | Implemented | farmers/<br>Demo. |  |
| 1       | Kharif-2005 | Paddy       | 1          | 1           | 2                 | Crop is at<br>Tillering stage                |
| 2       | Kharif-2005 | Fisheries   | 1          | 1           | 1                 | Finger lings have been released in the ponds |
| 3       | Kharif-2005 | Maize       | 1          | 1           | 2                 | Crop is at<br>Seedling stage                 |
| TOTAL   |             |             | 3          | 3           | 5                 |  |

NB: Attached action photographs

(J) Performance of FLDs Cereals, Horticultural Crops and allied enterprises As above

9. Results of On Farm Testing

10. Literature Developed/published (with full title, author & reference) Nil

11. Success stories/ Case studies, if any (two or three pages write on each case with suitable action photographs)

#### 12. Constraints:

(a) Administrative: Uniform Promotional Policies for the Staff of NGO KVKs also be made

Available for NGO KVKs.

(b) Financial Hiked budget needs to be made for FLD and OFT Programmes. (c) Technical Implementation of SGSY and Other Socio-economic upliftment

oriented schemes funded by ICAR/Ministry of Agriculture through

KVKs can be considered.

### 13. Functional linkage with different Organization

| Name of Organization                | Nature of linkage                                      |
|-------------------------------------|--|
| University of Agriculture Sciences, | Technology transfer, Knowledge update                  |
| Bangalore                           |  |
| IIHR, Bangalore                     | Technical support, trainings, supply of seed materials |
| Department of Agriculture           | Training Programmes, field visits, pests surveillance  |
| Department of Horticulture          | Trainings, field visits.                               |
| Department of Fisheries             | Demonstrations.  |
| Department of Forestry              | Supply of planting materials                           |
| Department of Women and Child       | Trainings to SHGs and Anganavadi Workers               |
| Welfare                             |  |
| District Industries Centre          | Vocational trainings                                   |
| Zilla Panchayat                     | Resource mobilization                                  |
| Department of Social Welfare        | Programme participation                                |
| Karnataka State Seed Corporation    | Supply of seed materials for FLDs                      |
| Karnataka Oilseed Federation        | Supply of seed materials for FLDs & trainings          |

#### 14. Performance of Demonstration units (other than crops)

| <b>Demonstration Unit</b> | Total production       |                          |  |  |  |  |
|---------------------------|------------------------|--------------------------|--|--|--|--|
|                           | Cost of inputs (in Rs) | Gross income             |  |  |  |  |
| 1. Low cost Vermicompost  | 2500/-                 | Composting under process |  |  |  |  |
| Unit.                     |                        |                          |  |  |  |  |

- 15. Performance of instructional farm (Crops) including seed production: Nil
- 16. Utilization of hostel facilities: Building plan submitted
- 17. Indicate any innovative technology or any innovative methodology of Transfer of Technology developed during the year : Nil
- 18. Indicate any indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs): Nil

#### 19. Indicate the specific training needs /tools/methodology followed:

- ❖ Farmers are contacting over phone about the field problems and accordingly Trainings are conducted.
- ❖ By pest surveillance studies the problems will be identified in specific region and trainings are conducted.
- ❖ Through survey various location specific training needs are identified and conducted.
- ❖ Group discussion with the farmers in selected villages are conducted and as per their problems, the trainings are prioritized for farmers, farmwomen and youths.

- 20. List special programmes under taken by the KVK, which have been financed By state Govt. / other agencies: Nil
- 21. Indicate the seed/ seedling produced and sold to the farmers: Nil
- 22. Scientific Advisory committee meeting(s) Number: Yet to be conducted
- 23. Impact of training programmes: Impact analysis has not yet been made

#### 24. Field activities

i) Number of villages adopted
 ii) No. Farm families selected
 iii) No. of survey/ PRA conducted
 iii) Six villages
 iii Under process
 iii Yet to be conducted

#### 25. Extension Activities

| Sl.No | Activities         | No.of | Date(s) | No.of beneficiaries<br>(Farmers/Rural Youths) |        |       | No.of Extension<br>Functionaries |        |       |
|-------|--------------------|-------|---------|---|--------|-------|----------------------------------|--------|-------|
|       |                    | Progs |         | Male  | Female | Total | Male                             | Female | Total |
| 1     | Kisan melas        | -     | -       | Ī   | -      | -     | -                                | -      | -     |
| 2     | Field days         | -     | -       | Ī   | -      | -     | -                                | -      | -     |
| 3     | Kisan Gosthi       | -     | -       | Ī   | -      | -     | -                                | -      | -     |
| 4     | Radio and TV       | -     | -       | -   | -      | -     | -                                | -      | -     |
|       | talks (give topic) |       |         |   |        |       |                                  |        |       |
| 5     | Film show          | -     | -       | -   | -      | -     | -                                | -      | -     |
| 6     | Exhibition         | -     | -       | -   | -      | -     | -                                | -      | -     |
| 7     | News coverage      | 02    | -       | -   | -      | -     | -                                | -      | -     |
| 8     | Popular article    | -     | -       | -   | -      | -     | -                                | -      | -     |
| 9     | Extension          | -     | -       | -   | -      | -     | -                                | -      | -     |
|       | Literatures        |       |         |   |        |       |                                  |        |       |
| 10    | Advisory services  | 27    | Till    | 27  | -      | 27    | -                                | -      | -     |
|       |                    |       | Aug30th |   |        |       |                                  |        |       |
| 11    | Ex-trainees        | -     | -       | -   | -      | -     | -                                | -      | -     |
|       | Sammelan           |       |         |   |        |       |                                  |        |       |
| 12    | Demonstrations     | 08    | -       | 08  | -      | -     | -                                | -      | -     |
|       | TOTAL              | 37    | -       | 35  | -      | 27    | -                                | -      | -     |

#### 26. Details of KVK bank accounts

| Bank account        | Name of the bank | Location   | Account Number |
|---------------------|------------------|------------|----------------|
| With Host Institute | Canara Bank      | Davanagere | SB A/c: 9860   |
| With KVK            | Canara Bank      | Davanagere | SB A/c: 10144  |
|                     |                  |            | SB A/c: 10145  |

### 27. Utilisation of funds under FLD on oilseed (Rs.In Lakhs)

| Item   | Sanctioned by ZC |            | Released by ZC |                | Expen         | diture  | Unspent balance as            |
|--------|------------------|------------|----------------|----------------|---------------|---------|-------------------------------|
|        | Kharif           | Rabi 2004- | Kharif         | Rabi           | Kharif        | Rabi    | on 1 <sup>st</sup> April 2005 |
|        | 2004             | 05         | 2004           | 2004-05        | 2004          | 2004-05 |                               |
| Inputs |                  |            | Not Ye         | et Proposed ar | nd Sanctioned |         | 1                             |

| Extension  |  |  |  |  |
|------------|--|--|--|--|
| activities |  |  |  |  |
| TA/DA/POL  |  |  |  |  |
| etc.       |  |  |  |  |
| TOTAL      |  |  |  |  |

## 28. Utilization of funds under FLD on pulses (Rs. IN Lakhs)

| Item       | Sanction       | ed by ZC         | Relesed        | Relesed by ZC   |                | liture          | Unspent balance as            |
|------------|----------------|------------------|----------------|-----------------|----------------|-----------------|-------------------------------|
|            | Kharif<br>2004 | Rabi 2004-<br>05 | Kharif<br>2004 | Rabi<br>2004-05 | Kharif<br>2004 | Rabi<br>2004-05 | on 1 <sup>st</sup> April 2005 |
| Inputs     |                |                  |                |                 |                |                 |                               |
| Extension  |                |                  |                |                 |                |                 |                               |
| activities |                |                  | Not Ye         | et Proposed ar  | nd Sanctioned  |                 |                               |
| TA/DA/POL  |                |                  |                |                 |                |                 |                               |
| etc.       |                |                  |                |                 |                |                 |                               |
| TOTAL      |                |                  |                |                 |                |                 |                               |

# 29. Utilization of KVK funds during the year 2004-05 and 2005-06 (up to Aug.2005) (Year-wise separately) (Current year and previous year)(Rs.in Lakhs)

| Sl.  | Particulars   | Sanct   | ioned   | Rele    | ased    |         | diture  |
|------|---|---------|---------|---------|---------|---------|---------|
| No.  |   | 2004-05 | 2005-06 | 2004-05 | 2005-06 | 2004-05 | 2005-06 |
| A. R | ecurring Contingencies  |         |         |         |         |         |         |
| 1    | Pay & Allowances  | 1.00    | 20.00   | 1.00    | 8.30    | 0.09    | 5.57    |
| 2    | Traveling allowances  | 0.10    | 0.50    | 0.10    | 0.21    | 0.02    | 0.20    |
| 3    | Contingencies   | 0.40    | 3.00    | 0.40    | 1.25    | 0.40    | 0.87    |
| A    | Stationery, telephone, postage and other                                      | 0.40    | 0.80    | 0.40    | 0.34    | 0.40    | 0.38    |
|      | expenditure on office running, publication of                                 |         |         |         |         |         |         |
|      | Newsletter and library maintenance(Purchase of                                |         |         |         |         |         |         |
|      | News Paper & Magazines)   |         |         |         |         |         |         |
| В    | POL, repair of vehicles, tractor and equipments.                              |         | 0.60    |         | 0.21    |         | 0.22    |
| С    | Meals/refreshment for trainees (Ceiling upto Rs.40/day/trainee be maintained) |         | 0.40    |         | 0.17    |         |         |
| D    | Training material (Posters, charts, demonstration                             |         | 0.30    |         | 0.13    |         | 0.25    |
|      | material including chemicals etc required for                                 |         |         |         |         |         |         |
|      | conducting the training.  |         |         |         |         |         |         |
| E    | Frontline demonstration except oilseeds and                                   |         | 0.40    |         | 0.17    |         | 0.01    |
|      | pulses (minimum of 30 demonstration in a year)                                |         |         |         |         |         |         |
| F    | On farm testing (On need based, location                                      |         | 0.20    |         | 0.09    |         |         |
|      | specific and newly generated information in the                               |         |         |         |         |         |         |
|      | area)   |         |         |         |         |         |         |
| G    | Training of extension functionaries   |         | 0.20    |         | .0.09   |         |         |
| Н    | Maintenance of buildings  |         |         |         |         |         |         |
| I    | Establishment of soil, plant & water Testing                                  |         |         |         |         |         |         |
|      | Laboratory  |         | 0.10    |         | 0.07    |         | 0.01    |
| J    | Library   |         | 0.10    |         | 0.05    |         | 0.01    |
|      | Total (A)   | 1.50    | 23.50   | 1.50    | 9.75    | 0.51    | 6.64    |
| B. N | on-Recurring Contingencies:   |         |         |         |         |         |         |
| 1    | Works   |         | 29.00   |         |         |         |         |
| 2    | Equipments & Furniture  |         | 5.00    |         | 5.00    |         |         |

| 3    | Establishment of soil, plant & water Testing |                |       |      |       |      |      |
|------|--|----------------|-------|------|-------|------|------|
|      | Laboratory                                   |                |       |      |       |      |      |
| 4    | Vehicle (Four wheeler/Two wheeler, please    |                | 5.00  |      | 5.00  |      |      |
|      | specify)                                     |                |       |      |       |      |      |
|      | TOTAL (B)                                    |                | 39.00 |      | 10.00 |      |      |
| C.RI | EVOLVING FUND: Total                         | 1.00 1.00 0.00 |       |      |       |      |      |
|      | GRAND TOTAL (A+B+C)                          | 2.50           | 62.50 | 2.50 | 19.75 | 0.51 | 6.64 |

#### 30. Status of revolving funds (Rs. In lakhs) for the three years

|                          |  | Expect   | ted income       |  |  |  |  |  |
|--------------------------|--|--|------------------|--|--|--|--|--|
| Year                     | Opening balance as on 1 <sup>st</sup> April 2004 | Fixed deposits   | Farm income      | Net balance in<br>hand as on 1 <sup>st</sup><br>April of each year |  |  |  |  |
| April 2002 to March 2003 | Amount Palaga                                    | ad during the V  | 2004 05 as it is | now VVV  |  |  |  |  |
| April 2003 to March 2004 | Amount Release                                   | Amount Released during the Year 2004-05 as it is new KVK |                  |  |  |  |  |  |
| April 2004 to march 2005 | 1.00   | -  | -                | 1.00   |  |  |  |  |

31. Activities of Soil, Water and Plant testing laboratory

Status of establishment of Lab : Not yet established

32. Details of samples analyzed so far : Nil

### 33. Please include information, which has not been reflected above:

## Farm Development activities:

- ➤ Low cost Vermicompost Demonstration unit.
- > Prepared Nursery beds to take up vegetable crops.
- > Taken up Maize as an inter crop in Mango orchard.
- > Planned to take up Sunhemp seed production.

# TRAINING PROGRAMMES



Importance of Medicinal and Aromatic Plants



Mixed Fruit Jam Preparation



Soybean: Nutrition Management & Value Added Products



**Vermicompost Production** 

# FRONT LINE DEMONSTRATIONS



Release of Fingerlings into Ponds



Counting of Fingerlings



Aerobic Rice Cultivation



Maize + Field bean (4:1)

# SCIENTIFIC FIELD VISITS



Purple Blotch in Onion



Paddy Transplanting



Shoot and Fruit Borer in Brinjal



Multistoried Cropping System

# FARM DEVELOPMENT ACTIVITIES



Low Cost Vermicompost Unit



Nursery Beds for Quality Vegetable Seedlings



Recycling Kitchen Waste through Vermicomposting



Replacing Unproductive Species in the Farm

# **SUMMARY TABLES**

Table – 1 Area-wise distribution of Training Courses for Farmers and Farm Women

|                        | No. of  |      |        | No. of bene | eficiaries |    |       |
|------------------------|---------|------|--------|-------------|------------|----|-------|
| AREAS                  | Courses | Male | Female | TOTAL       | SC         | ST | TOTAL |
| Crop Production        | 13      | 322  | 90     | 412         | 55         | 45 | 100   |
| Horticulture           | 02      | 06   | 79     | 85          | 07         | 03 | 10    |
| Livestock Production   |         |      |        |             |            |    |       |
| Home Science           | 03      | 02   | 89     | 91          | 13         | 06 | 19    |
| Agril.Engineering      |         |      |        |             |            |    |       |
| Plant Protection       | 01      | 23   | 02     | 25          | 05         | 02 | 07    |
| Fisheries              | -       | -    | -      | -           | -          | -  | -     |
| Ag. Extension          | -       | -    | -      | -           | -          | -  | -     |
| Agro – forestry        | -       | -    | -      | -           | -          | -  | -     |
| Soil Fertility         | -       | -    | -      | -           | -          | -  | -     |
| & Management           |         |      |        |             |            |    |       |
| Sericulture            | -       | -    | -      | -           | -          | -  | -     |
| Seed Technology        | -       | -    | -      | -           | -          | -  | -     |
| Mushroom               | -       | -    | -      | -           | -          | -  | -     |
| Cultivation            |         |      |        |             |            |    |       |
| Apiculture             | -       | -    | -      | -           | -          | -  | -     |
| Others (Collaborative) | 05      | 42   | -      | 269         | 8          | -  | 8     |
| Total                  | 24      | 395  | 260    | 872         | 88         | 56 | 144   |

Table – 2 Area-wise distribution of Training Courses for Rural Youth Nil

Table – 3 Area-wise distribution of Training Courses for In-Service Extension personnel Nil

Table – 4. Number of Extension Activities and Beneficiaries

| Nature of        | No.of      |      | Farmers |       | Ext  | ension Offi | cials |      | Total  |       |
|------------------|------------|------|---------|-------|------|-------------|-------|------|--------|-------|
| Extension        | activities | Male | Female  | Total | Male | Female      | Total | Male | Female | Total |
| Activity         |            |      |         |       |      |             |       |      |        |       |
| Kisan Mela       | =          | -    | -       | =-    | -    | -           | -     | -    | -      | -     |
| Field Day        | =          | -    | -       | =-    | -    | -           | -     | -    | -      | -     |
| FarmersSeminar   | =          | -    | -       | -     | -    | -           | -     | -    | -      | -     |
| Radio & TVTalk   | -          | -    | -       | -     | -    | -           | -     | -    | -      | -     |
| Film Show        | -          | -    | -       | -     | -    | -           | -     | -    | -      | -     |
| Exhibition       | -          | -    | -       | -     | -    | -           | -     | -    | -      | -     |
| Newspaper        | 02         |      | _       |       | _    |             |       |      | _      | 02    |
| Coverage         | 02         | -    | -       | -     | -    | -           | -     | -    | -      | 02    |
| PopularArticles  | -          | -    | -       | =-    | -    | -           | -     | -    | -      | -     |
| Extension        |            |      |         |       |      |             |       |      |        |       |
| Literature       | _          | -    | -       | =     | -    | -           | -     | -    | -      | -     |
| AdvisoryServices | 27         | 27   | -       | 27    | -    | -           | -     | -    | -      | 27    |
| Ex-trainees      |            |      |         |       |      |             |       |      |        |       |
| Sammelan         |            |      |         |       |      |             |       |      |        |       |
| Others           | 08         | 08   |         | 08    |      |             |       |      |        | 08    |
| (Demonstrations) | 08         | 08   |         | 08    |      |             |       |      |        | 00    |
| Total            | 37         | 35   |         | 35    |      |             |       |      |        | 35    |

Table -5 Production of seeds

Nil

Table – 6 Production of sapling/seedling of fruits/vegetables/Forest Species

Nil

Table – 7 Front Line Demonstration on Oilseed Crops

Nil

 $Table-8 \qquad \ \ Front\ Line\ demonstration\ On\ Pulses\ Crops$ 

Nil

**Table – 9** Front Line demonstration On Other Crops

| Crop &             | No. of                | Area(ha) | Demonstration   | Local yield | %        |
|--------------------|-----------------------|----------|-----------------|-------------|----------|
| Season             | <b>Demonstrations</b> |          | Yield (q/ha)    | (q/ha)      | increase |
| Paddy-Kharif 2005  | 2                     | 1        | Crop is at      | -           | -        |
|                    |                       |          | tillering stage |             |          |
| Maize- Kharif 2005 | 2                     | 1        | Seedling stage  | 1           | -        |
| Total              | 4                     | 2        | -               | -           | -        |

**Table – 10 Front Line demonstration On Other enterprises** 

| Crop &             | No. of                | Area(ha) | Demonstration   | Local yield | %        |
|--------------------|-----------------------|----------|-----------------|-------------|----------|
| Season             | <b>Demonstrations</b> |          | Yield (q/ha)    | (q/ha)      | increase |
| Fisheries – Kharif | 2                     | 1        | Finger lings    | -           | -        |
| 2005               |                       |          | have been       |             |          |
|                    |                       |          | released in the |             |          |
|                    |                       |          | ponds           |             |          |
| Total              | 2                     | 1        | -               | -           | -        |

Table – 11 No. Of On Farm Trails conducted : Nil

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## **ANNEXURE**

#### **DETAILS OF THE TRAINING ACHIEVEMENTS**

**ON and OFF Campus training programmes** 

| Sl.No | Title                                  | No of   | Total no. of | Name of the    |
|-------|--|---------|--------------|----------------|
|       |  | courses | participants | village        |
| 1     | Organic farming and preparation of     | 06      | 253          | Haluvarthy     |
|       | Vermicompost                           |         |              | Hebbalu        |
|       |  |         |              | Garaga         |
|       |  |         |              | Chigateri      |
|       |  |         |              | Diddigi        |
|       |  |         |              | Benakanahalli  |
| 2     | Different crops and their important    | 02      | 43           | Haluvarthy     |
|       | management aspects                     |         |              | Duggavathi     |
| 3     | Locally available medicinal plants and | 02      | 81           | Garaga         |
|       | their importance                       |         |              | Benakanahalli  |
| 4     | Integrated Nutrient Management and     | 02      | 40           | Garaga         |
|       | different Agronomic Practices in Maize |         |              | Devarabelakere |
|       | crop                                   |         |              |                |
| 5     | Improved agronomic practices in Paddy  | 01      | 29           | Kundur         |
| 6     | Improved agronomic practices in        | 01      | 26           | Diddigi        |
|       | Sunflower                              |         |              |                |
| 7     | Jam and Juice preparation              | 03      | 91           | Kundur         |
|       |  |         |              | Devarabelakere |
|       |  |         |              | Diddigi        |
| 8     | Integrated pest management in Onion    | 01      | 21           | Chigateri      |
| 9     | Crop management in Ground nut          | 01      | 21           | Kechenahalli   |
| TOTAL |  | 19      | 605          | -              |

**Collaborative Training Programmes** 

| Sl.No | Title                                    | No of   | Total no. of | Dept. and Place |
|-------|--|---------|--------------|-----------------|
|       |  | courses | participants |                 |
| 1     | Organic farming, sustainable agriculture | 01      | 25           | KVK, Hiriyur    |
|       | and Vermicomposting                      |         |              | ·               |
| 2     | Soybean-Nutrient management and          | 01      | 150          | Dept. of Agri., |
|       | Value added products                     |         |              | Harapanahalli   |
| 3     | Reclamation of problematic soils         | 01      | 42           | DATC, Kadajji   |
| 4     | Pest and disease management in paddy,    | 01      | 25           | DATC, Kadajji   |
|       | arecanut and coconut                     |         |              |                 |
| 5.    | Production technology of arecanut        | 01      | 25           | DATC, Kadajji   |
|       | coconut and paddy                        |         |              |                 |
|       | TOTAL                                    | 05      | 267          | -               |