

## FIELD TECHNOLOGY COMMUNICATION AND AWARENESS THROUGH HANDS-ON ASSESSMENT/ TRAINING ON AGRICULTURAL TECHNOLOGIES FOR LIVELIHOOD OPPORTUNITIES AND HOUSEHOLD NUTRITION SECURITY IN THE TRIBAL AREAS OF KARNATAKA

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|---------------------|---|--|
| Project Coordinator | : | S. N. Jayaram, Senior Project Engineer |
| Budget              | : | Rs.39.00 lakhs                         |
| Funding Agency      | : | Vigyan Prasar, DST, Gol                |
| Duration            | : | 2 years                                |

The main objective of the project is to create awareness and to address the malnutrition among tribal people by promoting the cultivation of varieties of vegetables as required by the community to provide nutrition and scope for livelihood of Chamarajanagara district.

### Activities:

KSCST along with KVK officials-initiated awareness program about the cultivation of vegetables among farmers and the tribal community and enlisted the participation of 70 household. Later 30 farmers took interest in taking up the kitchen garden. KSCST distributed seed kits, vermi-compost, seed cake and shade net for 30 farmers to develop kitchen garden. About 80% of the farmers have developed kitchen garden successfully and some of them have faced problems of disease affecting vegetable plants and tardy growth rate.

Kitchen garden is developed in an area of 6x6 m for raising of vegetable plants. This area is further subdivided into blocks covering an area of 1.5 x 1.5 m and spacing of sapling is maintained at 0.2 m. Thirteen varieties of vegetables i.e., amaranthus (red), ladies finger, beans, kelkere, coriander, bottle gourd, methi, beetroot, palak, radish, amaranthus (green), carrot and sabbasige were distributed among farmers.

The guidelines drawn for developing kitchen garden with good nutritional values are mentioned below.

- Farmers to grow vegetables without use of any chemical fertilizers
- Farmers can raise kitchen garden in small areas a variety of vegetable adding value to their livelihood.

The survey conducted and kitchen garden developed information are mentioned in the table below:

| Sl. No.      | Name of the villages | No. of survey conducted | Kitchen garden plot developed at farmer land |
|--------------|----------------------|-------------------------|--|
| 1.           | Bandhigowdanahalli   | 25                      | 5  |
| 2.           | Bhyadamudlu          | 10                      | 5  |
| 3.           | Haradhanahalli       | 15                      | 8  |
| 4.           | Kalpura              | 20                      | 12   |
| <b>Total</b> |                      | <b>70</b>               | <b>30</b>                                    |



Kitchen garden developed in farmers land at Haradhanahalli village

Now, Council is mobilising more farmers to develop a total of 100 kitchen gardens in Chamarajanagara district.