

Information on Farming System Developed at KVK

Name of the KVK: KVK, Keonjhar

Category Farming System Developed: Pond based farming system

Crop/Enterprise components in the Farming system:

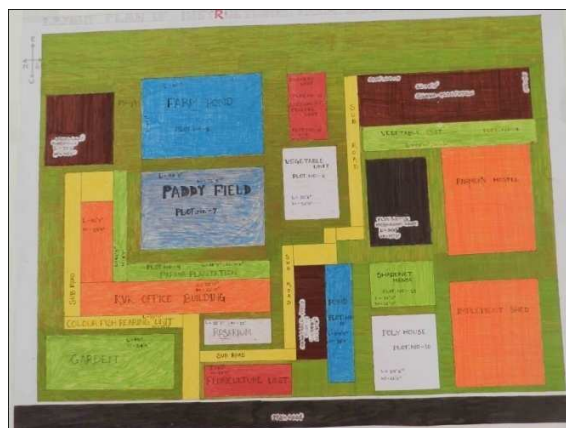
| Sl.No. | Name of the Unit/Crop/Enterprise | Unit Size* (Indicate unit of measurement) |
|--------|----------------------------------|---|
| 1 | Farm Pond | 714.4 m ² |
| 2 | Paddy seed Production Unit | 627.38 m ² |
| 3 | Vegetable production unit | 2380.26 m ² |
| 4 | Poultry Unit | 44.2 m ² |
| 5 | Duckery Unit | 15 m ² |
| 6 | Mushroom Production Unit | 43.35 m ² |
| 7 | Vermicompost Unit | 27 m ² |
| 8 | Polyhouse | 103 m ² |
| 9 | Shed net house | 45 m ² |
| 10 | Apiculture unit | 10Nos |
| 11 | Guava progeny Orchard | 200 m ² |

- Unit size may be expressed in terms of Area (m²) in case of crops & Fishery, size of the unit in m² and number of birds & animals in case of livestock, numbers in case of apiary, size of the unit in m² and production quantity in case of vermin composting etc.
- Details of the component crops/enterprises:

| S.No | Unit name | Important Technology demonstrated | Critical inputs used | No. of laborers engaged | Total expenditure/annum | production | | | | | Net income (Rs) |
|------|----------------------------|--|--------------------------------|-------------------------|-------------------------|--------------|--------------|-----------------------|------|----------|-----------------|
| | | | | | | Main product | | By-products | | | |
| | | | | | | Quantity | Gross income | Quantity | Sold | Recycled | |
| 1 | Farm Pond | - | - | - | - | - | - | - | - | - | - |
| 2 | Paddy seed Production Unit | Line transplanting with IPM modules | Pheromone traps, bird perchers | 15 | 3500 | 2.0Q | 5000 | 1.5Q non usable straw | - | - | 1500 |
| 3 | Vegetable production unit | New varieties, IPM practices including | Seed, pesticides, fertilizer, | 89 | 22500 | 32Q | 41600 | - | - | - | 19100 |

| | | | | | | | | | | | |
|-------|--------------------------|-------------------------------------|-------------------|----|-------|-----------|--------|--------|-----|-------------------|-------|
| | | ITK | vermicompost | | | | | | | | |
| 4 | Poultry Unit | Vanaraja Breed, vaccination | Medicines, chicks | 24 | 31800 | 1000 | 47000 | - | - | - | 15200 |
| 5 | Duckery Unit | Khaki campbell | ducklings | 04 | 1000 | 10 | 3500 | Egg 40 | 200 | - | 2700 |
| 6 | Mushroom Production Unit | Paddy straw and dhingri | Spawn | 25 | 8500 | 1.32Q | 10560 | 3Q | - | Yes in composting | 2060 |
| 7 | Vermicompost Unit | E. foetida, tank method | FYM | 84 | 22000 | 9.932 Q | 49660 | - | - | - | 27660 |
| 8 | Polyhouse | Off season seedling raising | Seed, fungicide | 24 | 8250 | 40403 Nos | 25205 | - | - | - | 16955 |
| 9 | Shed net house | Grafting | Scion | - | 100 | 20 nos | 500 | - | - | - | 400 |
| 10 | Apiculture unit | Apis cerena indica | - | 5 | 1200 | 10 kg | 3000 | - | - | - | 1800 |
| 11 | Guava progeny Orchard | Preservation of Promising Varieties | - | - | - | - | - | - | - | - | - |
| Total | | | | | 98850 | | 186025 | | 200 | | 87375 |

- If sold indicate the gross income, if recycled indicated the unit in which the said by-product is used as an input
- Layout plan indicating position of different units



- Photographs of different units.

| <p style="text-align: center;">Various units of IFS</p> | |
|--|---|
|  |  |
| <p style="text-align: center;">Google maplocating IFS</p> | <p style="text-align: center;">Mushroom production unit</p> |
|  |  |
| <p style="text-align: center;">Guava progeny orchard</p> | <p style="text-align: center;">Poultry & Duckery unit</p> |



Vermi-compost Unit



Paddy seed production unit



APIARY Unit



Sweetcorn cultivation



Banana in pond dyke



Seasonal vegetable cultivation unit



Azolla unit



Polyhouse

- If any FS models have been promoted in farmers field, if yes, give details of such models

| S.No. | Name and address of the farmer with cell no. | Category of FS | Components with size if units/enterprises | Annual net income |
|-------|---|---------------------------|--|-------------------|
| 01 | Jayanta Kumar Mohanta, Village: Barigaon, Block: Sadar, Dist: Keonjhar Mobil No.9938680402 | Pond based Farming System | Paddy unit: 0.6ha Horticultural crops: 0.3 ha Banana : 50 plants Dairy: 2 Nos Goatery: 12 Nos Duckery: 50 Nos Carp polyculture:0.24 ha Nursery pond:0.08 ha | Rs.1,48,500.00 |