

Mahatma Phule Krishi Vidyapeeth, Rahuri

All India Coordinated Research on Agroforestry

1. Year of Start : 1991-92

2. Contact Details

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3. Objectives/Mandat:

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1. To survey the existing agroforestry system(s) in different agroclimatic zones,

- 2. To propose viable agroforestry system(s) for different areas to meet the food, fodder, fuelwood and timber needs.
- 3. To identify promising tree species and crops suitable for different agroforestry systems.
- 4. To develop production technology for various agroforestry systems.
- 5. To study soil health in Agroforestry tree species.

4. Infrastructure

Land: Total area of the land 91.56 ha (82.14 ha under cultivation)

Irrigation Facilities: 1 Bore well and 1 Open well having seasonal irrigation water.

5. Human Resource Technical Staff

SN **Designation** Discipline Remarks **Associate Professor** Agriculture Botany Filled 2 Filled **Assistant Professor** Agronomy Bot./Agronomy Vacant **JRA** Field Assistant 4 Vacant

Non-Technical Staff SN Designation No of posts Remarks
1 - - -

6. Research Achievements

Variety: 01
Recommandations: 09

7. Ongoing Research

A) Research Programme of Botany:

1 : Dignosis and desisgn survey.

2 : Germplasm collection and evaluation.

3 : Genetic variability studies in Acacia nilotica var.Indica

4: Multilocation Trial of Pongamia milliata (Karanja)

5 : Collection and evaluation of Bamboo germplasm (species)

B) Management studies in Agroforestry:

1: Evaluation of Agri-horticultural system of different fruit tree species with intercrop under irrigated condition.

2: Effect of planting geometry on productivity of Teak under Agroforestry system in semi-arid condition.

3: Evaluation of intercrops under Bamboo based cropping system in semi-arid condition.