

Diploma in Agriculture Farm House Management

Session -2019-20

Semester – I

Introduction to Agriculture–I

1. Agriculture –definition and importance of agriculture.
 2. Agronomy meaning and scope of agronomy with special reference of our state.
 3. Different agriculture terms
 4. Type of seed, dormancy of seed
 5. Weather and climate, Crop density and geometry.
 6. Tillage – Definition and type of tillage minimum and zero tillage.
 7. Crop nutrition – essential crops nutrients- its classification, Functions and deficiency symptoms of nutrient.
 8. Manures and fertilizer
 9. Green Manuring and vermi Compost.
 10. Irrigation- definition and objects.
 11. Surface methods of irrigations.
 12. Sprinkler and drip irrigation advantage and limitation.
 13. Crop rotation and its principles.
 14. Growth and development of crop and Factor affecting.
 15. Type of erosion and how to be control soil erosion
 16. Importance agriculture research institute and deemed universities.
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Introduction to Agriculture–II

Importance , origin , distribution , production , soil and climate, important varieties, seed and sowing , Nursery rising intercultural operation , weed management , fertilizer, irrigation, harvesting.

Pearl millet

Maize

Rice

Sorghum

Pacakage of practices of different crops.

Cotton- Package of practices.

Groundnut- Package of practices.

Cluster been – Package of practices.

Sesame- Package of practices.

Mothbean – Package of practices

Urdbean- Package of practices.

Mungbean- Package of practices.

Cowpea- Package of practices.

Pigeon pea- Package of practices

Farm House Management

1. Definition of farm House and scope of farm house
2. Farm Types and Structure.
3. Farm Management
4. Optimization of farm House.
5. Objectives
6. Types of Farming
7. Green House and there advantage
8. Types of Green House and There Management
9. Green House Management