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Horticulture-definition, branches, importance and scope



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INTRODUCTION

- Word **HORTICULTURE** Derived from latin words
 - a) **hortus**- garden
 - b) **cultura**-cultivation

“Horticulture is a science and technology of production, processing and merchandising of fruits, vegetables, flowers, spices plantations, medicinal and aromatic”.



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BRANCHES

1. **Pomology:** refers to cultivation of fruit crops.



2. **Olericulture:** refers to cultivation of vegetables.



Contd.....



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3. Floriculture: refers to cultivation of flower crops.



4. Plantation crops: refers to cultivation of crops like coconut, arecanut, rubber, coffee, tea etc.





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5.Spices crops: refers to cultivation of crops like, cardamom, pepper, nutmeg etc.



6.Medicinal and aromatic crops: deals with cultivation of medicinal and aromatic crops.





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7. Post harvest technology: deals with post harvest handling, grading, packaging, storage, processing, value addition, marketing etc. of horticulture crops





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IMPORTANCE

- As a source of variability in produce.
- As a source of nutrients, vitamins, minerals, flavour, aroma, alkaloids, oleoresins, fibre, etc.
- As a source of medicine.
- As an economic proposition as they give higher returns per unit area in terms of energy, money, job, etc.
- Employment generation 860 man days/annum for fruit crops as against 143 man days/annum for cereal crops and the crops like grapes, banana and pineapple need 1000-2500 man days per annum.



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- Effective utilization of waste land through cultivation of hardy fruits and medicinal plants.
- As a substitute of family income being component of home garden.
- As a foreign exchange earner, has higher share compare to agriculture crops.
- As an input for industry being amenable to processing, especially fruit and vegetable preservation industry.
- Aesthetic consideration and protection of environment.
- Religious significance



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SCOPE

- Incentive for the farmer
- Adaptability
- Necessity
- Export Value



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REASON FOR THE SCOPE OF HORTICULTURE IN INDIA

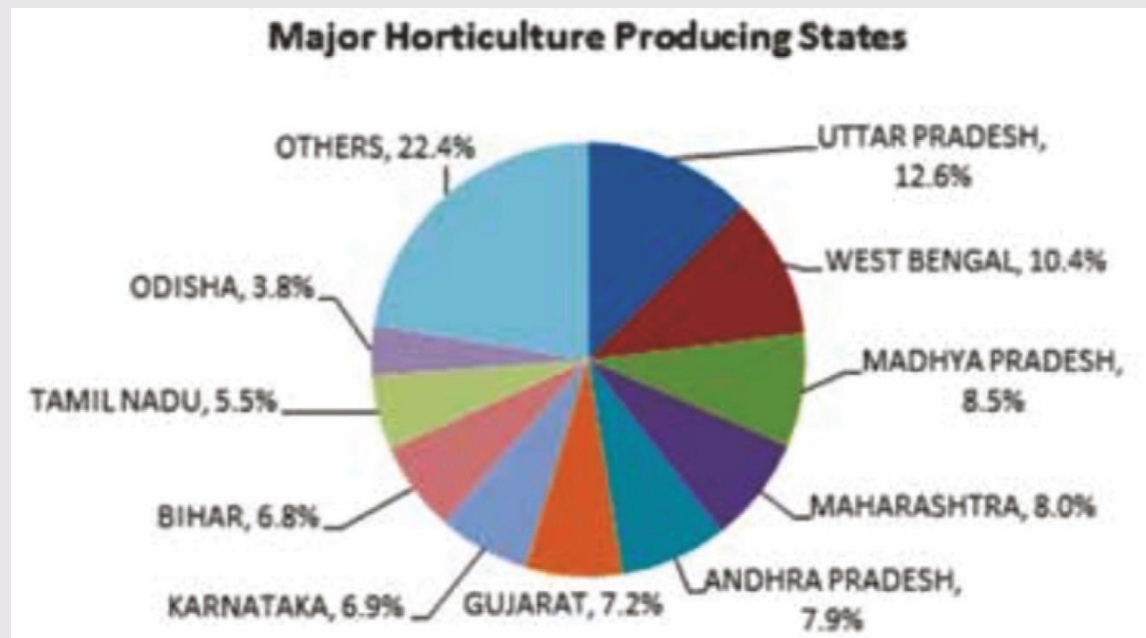
- To exploit great variability of agro climatic conditions.
- To meet the need for fruits, vegetables, flowers, spices, beverages in relation to population growth based on minimum nutritional and other needs.
- To meet the requirement of processing industry.
- To substitute import and increase export.



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- To improve the economic conditions of the farmers and to engage more labourers to avert the problem of unemployment.
- To protect environment





HORTICULTURE

**THANK
YOU**