

AGRICULTURE

Agriculture is the science and art of cultivating plants and livestock. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. The history of agriculture began thousands of years ago



IMPORTANCE OF AGRICULTURE

- Provide Food
- Provide Raw Material to Industries
- Increase in Trade
- Increase in National Income
- Increase in Per Capita Income
- Create Employment Opportunities
- Main Stay of Indian Economy
- Industrial Development

MAJOR CROPS OF INDIA

| Basis of Difference | Rice | Wheat | Millets | Grams | Sugar Cane |
|---------------------|---|--|--|---|--|
| Temperature | 22 -32 degree Celsius | 10-15 degree Celsius (Sowing time); 21-26 degree Celsius (Ripening & Harvesting) | 27-32 degree Celsius | 20-25 degree Celsius (Mild cool & Dry Climate) | 21-27 degree Celsius |
| Rainfall | 150-300 cm | 75-100 cm | 50-100 cm | 40-45 cm | 75-150 cm |
| Soil | Deep clayey and loamy soil | Well-drained fertile loamy and clayey loamy | They are less sensitive to soil deficiencies. They can be grown in inferior alluvial or loamy soil | Loamy Soil | Deep rich loamy soil |
| Climate | Hot & Humid | Cold | Hot | Moderate type of climate | Hot & Humid |
| Seasons | Sowing : June-July | Sowing : Winter | Sowing: September-October | Sowing : October to March | Sowing: October to March |
| Areas | West Bengal, UP, Andhra Pradesh, Punjab | Punjab, Haryana, UP, Himachal Pradesh | Uttar Pradesh, Punjab, Andhra Pradesh, Tamil Nadu, Rajasthan, Maharashtra and Gujarat | Madhya Pradesh, Uttar Pradesh, Rajasthan, Haryana and Maharashtra | UP, Maharashtra, Karnataka, Tamil Nadu, Andhra Pradesh, Gujarat, Bihar, Haryana and Punjab |

FIBRE CROPS

| Basis of Difference | Cotton | Jute |
|---------------------|--|---|
| Temperature | 21-30 degree Celsius | 24-37 degree Celsius |
| Rainfall | 50-100 cm | 150 cm |
| Soil | Black soil | clayey soils |
| Climate | Hot & Humid | Hot & Humid |
| Areas | Punjab, Haryana, Rajasthan, Gujarat, Maharashtra Madhya Pradesh | West Bengal, Bihar, Assam, Odisha, Uttar Pradesh, Tripura, Meghalaya, Andhra Pradesh, Kerala, and Maharashtra |

BEVERAGE CROPS

| Basis of Difference | Tea | Coffee |
|---------------------|---|---------------------------------------|
| Temperature | 20-30 degree Celsius | 15-28 degree Celsius |
| Rainfall | 150-300 cm | 150-250 cm |
| Soil | Well drained, deep friable loamy soil. | Well drained, deep friable loamy soil |
| Climate | warm, humid climate | Hot & Humid |
| Areas | Assam, West Bengal, Tamil Nadu, Kerala, Tripura, Arunachal Pradesh, Himachal Pradesh, Karnataka, Sikkim, Nagaland, Uttarakhand, Manipur, Mizoram, Meghalaya, Bihar, Orissa. | Kerala, Karnataka, Tamil Nadu |
| | | |

Thank

you

