

WELCOME

# Agro climatic regions of Punjab



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# Agro climatic

**Agro** = agriculture or crop(fields and crops)

**Climatic** = related to climate(surroundings)

# Agro climatic regions of Punjab

- Punjab is the one of the smallest state of India
- It can be divided into six regions on the basis of physiographic, underground water, amount of rain fall.

# REGIONS

1. Sub- mountain undulating region
2. Undulating plain region
3. Central plain region
4. Western plain region
5. Western region
6. Flood plain region
7. Conclusion

# Sub mountain undulating region

This region extended along the eastern border of the state and is 10-20 km in width.

## 1. **Climate**

- Maximum temperature-40-41°C
- Minimum temperature-7°C
- Maximum rain fall-900mm

## 2. **Cropping pattern**

- Maize and paddy are the principal crops in kharif season.
- In rabi season wheat is the most important crop.

# Undulating plain region

This narrow and traditional region is 15-30km in width.

## 1. Climate

- Maximum temperature-40-41°C
- Minimum temperature-7°C
- Rain fall-800to900mm

## 2. Cropping pattern

- Paddy and maize are the important crop of the area.
- Sugarcane and mango are also the part of the its crop area.

# Central plain area

This region 70-80 km in width. The region covers 18000sq. Kilometres of the state.

- Climate

1. Maximum temperature- 41-42°C

2. Minimum temperature- 7-4°C

3. Annual rainfall- up to 800mm

2. Cropping pattern

1. Wheat and paddy are the principal crops in addition to this maize ground nut and desi cotton.

2. Pear followed by guava are important fruit tree.



# Western plain region

This region covers about 9500 sq. Km area of the state.

- **Climate**

1. June and September classified as humid to wet.

- **Cropping pattern**

1. Paddy, American cotton are dominant crop along with bajra.

2. During rabi season wheat is the principal crop.

# Western region

This region covers nearly 10,000 sq. Km of the state.

## 1. Climate

- Annual rain fall –less than 200mm
- In rainy season six weeks defined as the humid to wet

## 2. Cropping pattern

- American cotton ,bajra are the dominant crop. paddy is emerging as an important kharif crop.
- In rabi season wheat is the principal crop with oilseeds and gram.

# Flood plain area

This region have four separate components-the ghaggar, the sutlej, the beas and the ravi flood plains. This region covers 3500 sq. Km area of the state.

## 1. Climate

- The region is not homogeneous in terms of climate.

## 2. Cropping pattern

- Paddy in the kharif season
- Wheat in rabi season

# CONCLUSION

- Historically, regions were often associated with the crops in which they specialize for various agronomic, climatic, hydro-geological, . But, in the aftermath of technological changes encompassing bio-chemical and irrigation technologies, the agronomic niches are undergoing significant changes.



**Thank you**

**for watching**