

Tender Heart High School

Sector 33B, Chandigarh

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DATE: 2/12/24

SUBJECT: Geography

CLASS: X

Chapter 11 (continue)

→ Pulses

- It forms important part of Indian Diet.
- Main pulses are Gram, Urad, Moong, Masur and Arhar.
- It provides most needed vegetable protein to large vegetation population of India.
- It fixes and utilises Atmospheric nitrogen in soil.
- It is also grown as rotation crop to maintain soil fertility.

→ Gram

- It accounts for 37% of Total production of pulses in India.

Soils:

- It is best grown in loamy soil.

Climatic Requirements

- needs mild, cool and dry climate.
- need 20°C - 25°C temp.
- It is grown as dry crop in rabi season.

Rainfall

- It needs rainfall between 50-100 cm.

Method of Cultivation

- Sown in September and November and harvested in February and April.
- matures in about 150 days.
- when it turns into reddish brown, it is ready to harvest.

- After that it is pulled out and kept in sun to dry and it is thrashed by sticks or trampled by bullocks.
- It is mostly sown in rows.
- Severe rain and excessive rain can destroy the crop.

Uses

- It is used as dal, besan for various preparations that include sweets and savouries.
- Its green leaves are used as vegetable.
- Its grain is used to feed horses and cattle.

Areas / states

- Uttar Pradesh - Rajasthan
- Himachal Pradesh - Haryana

→ Maize

- It is used both as food and fodder crop.
- It is a tropical crop and also known as corn.
- In most part of India, it is grown as kharif crop.
- In Tamil Nadu, it is grown as rabi crop.

Soil

- Alluvial Soil
- red loams

Temperature

- It needs 21°C to 27°C but can tolerate upto 35°C .
- Frost is dangerous for crops.

Rainfall

- It is rainfed kharif crop.
- requires rainfall from 50 to 100 cm.
- If rainfall is less than irrigation will solve the purpose.

Methods of Cultivation

- Sown before onset of monsoon and harvested after retreat of monsoon.
- Sunshine after showers is very useful.
- Cool and dry winters helps in ripening.

Harvesting

- It is harvested when the crop is nearly dry.
- Maize cobs are removed and dried in the sun before sheeling.

Uses

- Used to make chapatis, roasted corn, pop corn.
- Used in confectionary as corn flour.
- Used in cereals as corn flakes.
- Used as fodder crop for Cattles also.