

Tendern Heart High School

Section 33 B, Chandigarh

DATE: 23/12/24

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CLASS: X

SUBJECT: Geography

Oil Seed

- constitutes very important group of commercial crops in our country.
- The important oilseeds in our country are groundseed, sesame, rapeseed, mustard, linseed, safflower, castor, sunflower, niger.

Economic Importance

- India has largest area in production of oilseeds.
- The oil of oilseeds is important part of our diet as edible oils.
- It is used as raw material to manufacture paints, varnishes, soaps, lubricants, cosmetic items, medicinal items, perfumes etc.
- The residue of oil seeds forms an important part of cattle feed and manure.
- The oil Industries provides employment to millions of people.

Types or Varieties

- Edible Oilseed: Groundnut, sesame, rapeseed, mustard, sunflower and niger.
 - * some edible oilseeds are used to make vanaspathi or Vegetable Ghee.
- Non-Edible Oilseeds: castor, linseed, neem, mahua.
 - * used to produce Industrial Oils and other commercial products.

Groundnut

- Both Rabi and Kharif Crop.
- accounts for about $\frac{1}{2}$ of the mung seed produced in India.
- It is both tropical and subtropical crop.

Types of Groundnut Crop

- Bunch Type: grows vertically upto a height of 40 cm.
- Runner Type: grows horizontal and spreads over a large area and bend downwards to the ground where the seed pods grow and mature.

Soils

- grows well in light sandy loams, red and black soils.

Temperature

- grows well in 20°C to 25°C .
- warm and dry weather is important at ripening stage.

Rainfall

- needs rainfall between 50-70 cm and maximum can be 100 cm.
- continuous rain will destroy the crop.

Method of Cultivation

→ Sowing

- sown in June and harvested before winter commences.

→ Harvesting

- harvested from October to December.
- dry and warm winter is needed at the time of ripening.

Chief characteristics

- It is rich source of protein and Vitamin and have high calorie value.
- It is used to make vegetable ghee (Vanaspathi).

Uses

- Groundnut Oil is used to manufacture medicinal emulsions, artificial leather, soap and Oil requisites.
- Many sweets and savouries are made from it.
- The leftover residue of groundnut is used as cattle feed.

Area or States

- Andhra Pradesh, Telangana, Tamil Nadu, Gujarat.

★ Mustard

- It is tropical crop and rabi crop.

Soils

- grown best in alluvial soil of Satluj and Ganga plains.

Climatic RequirementsTemp.

- needs cool climate from 10°C - 20°C .
- little quantity is grown on peninsular India.

Rainfall

- requires rainfall from 25 to 40 cms.

Method of Cultivation

- grown as rabi crop.
- grown along with wheat, gram, barley.
- It takes 3 months to mature.
- It is ready for harvesting as soon as crop becomes yellow.

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Characteristics

- It is used as cooking medium, preservatives for pickles and lubricants.

Uses

- Leaves are used as vegetables especially, sarson
- Its oil cake is used as cattle feed.
- It is also used as manure.

Area/ states

- U.P., Rajasthan and Haryana

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* Soyabean

- It's a Subtropical Crop.
- It can be grown on a variety of soils.
- It needs 21°C and about 100cms rainfall.

Uses

- It is used for making sauce.
- It is used as salad oil.
- It is used to produce soap, lubricant, linoleum.
- Its nuggets are used to make curries.

Area / states

- Madhya Pradesh and U.P.