

UPDAAN

2025

Agriculture

Geography

Lecture - 02

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Topics

to be covered

- 1 Food Crops
- 2 Conditions for Growth
- 3
- 4



**Suno Udaanians ! Kheti Badi Me Badhiya Career Bana Liye
Hai Babua**



QUESTION



Which of the following is a season where the crops are grown with the onset of monsoon ?



- ☐ A Rabi
- ☒ B Kharif
- ☐ C Zaid
- ☐ D Both a and c

Ques

Sonu is a farmer in Punjab and grows wheat. Identify the conditions that have played a role in the success of crops like wheat. (2/3)



Rabi Crops – Reasons For Success



Ans

2 marks

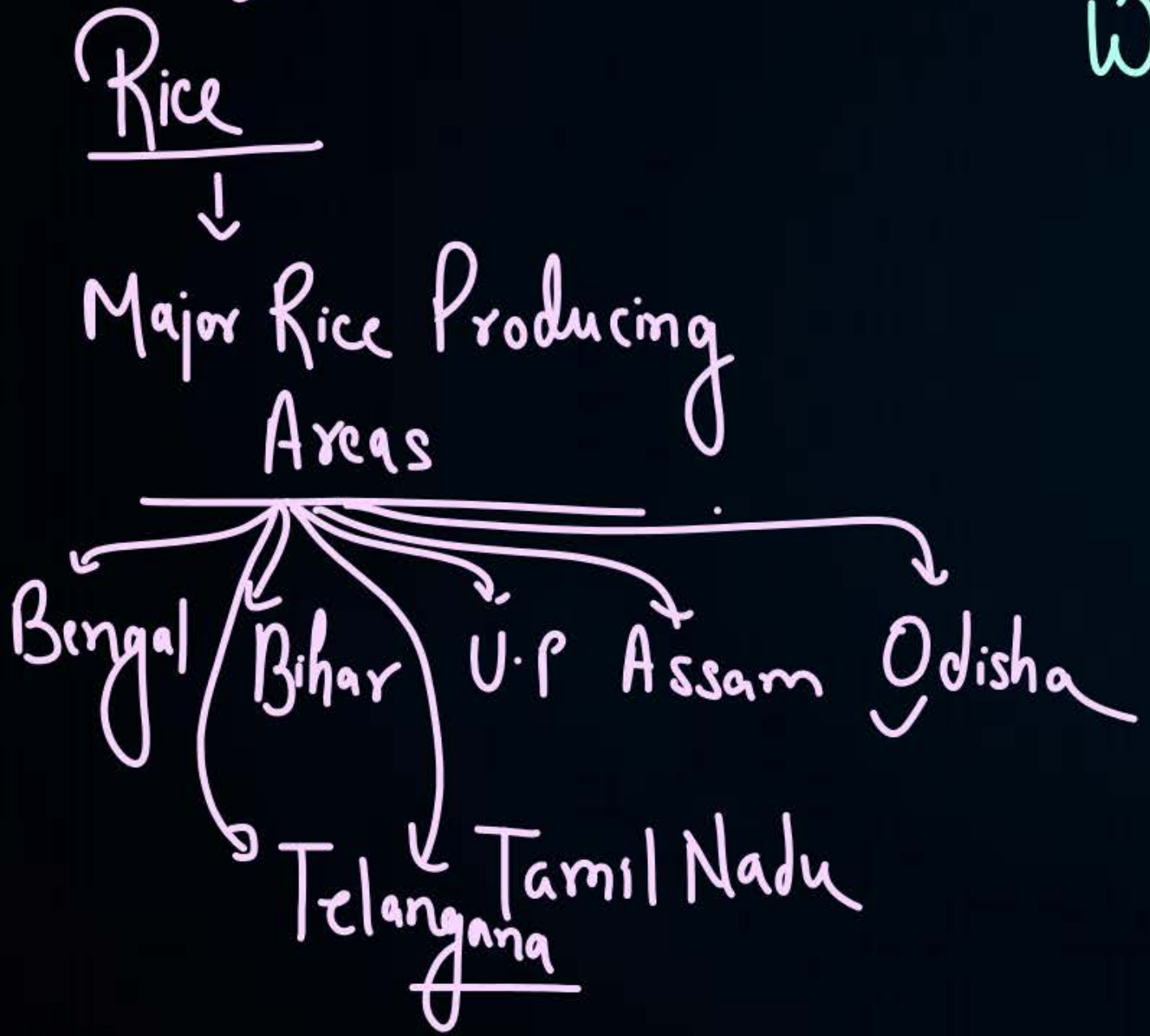
3

Two Reasons for Success

① Rabi Crops like wheat are generally grown in north and north-western part (U.P., Punjab, Haryana, U.K., Himachal Pradesh)

- (a) → Availability of rainfall during winters due to western cyclonic disturbances
- (b) Success of green revolution in states like Punjab, Haryana, Western UP etc

Kharif Crops



With the help of irrigation → Rice is also grown in areas of low rainfall like → Punjab & Haryana

↓

Rice is a commercial crop → here



Ques

_____ is a commercial crop in Punjab and Haryana

- (a) Wheat
- (b) Rice
- (c) Both a & b
- (d) None



Major Food Crops



Grains

Food crops other
than grains

Grains

✓✓ ① Mark

Geo. Conditions given ✓✓

↓
Crop identify

2/3 mark

↓
Geo. Conditions
explain



Rice



1. It is a kharif crop.

2. It requires high temperature (25 degrees and above) and high humidity with annual rainfall above 100 cm.

3. India is the second largest producer of rice in the world after China.

4. It is grown in the plains of north and north-eastern India, coastal areas and the deltaic regions.



Wheat



1. This is a rabi crop.

2. It requires a cool growing season and bright sunshine at the time of ripening.

3. It requires 50 to 75 cm of annual rainfall evenly distributed over the growing season.



Wheat



→ Regions

4. The Ganga-Satluj plains in the north-west and black soil region of the Deccan are two main wheat-growing zones in India.

5. It is the second most important cereal crop and main food crop, in the north and north-western part of India.

→ Staple

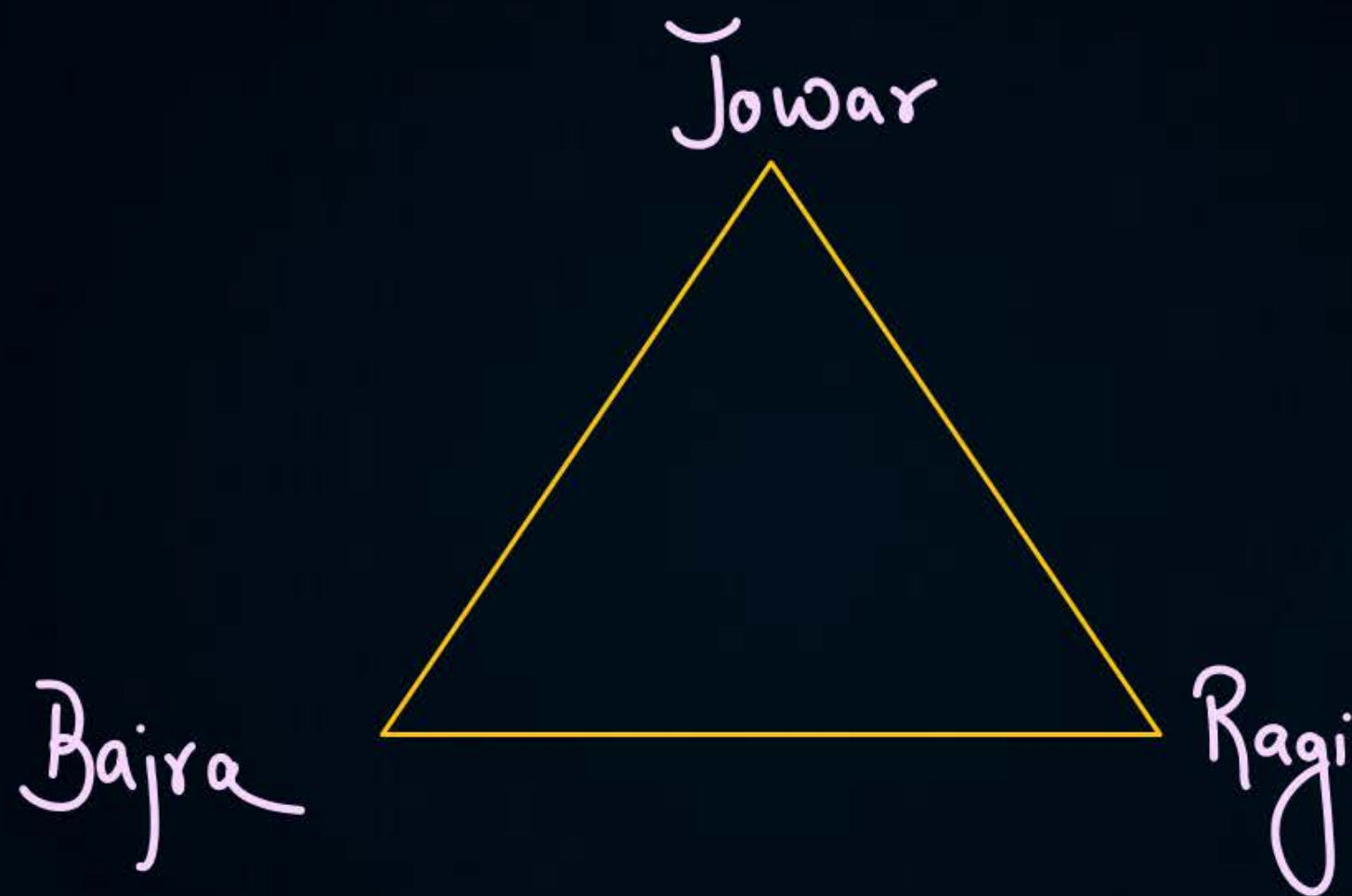
Staple crop?
→ wheat



Staple/Main Crop
→ Rice



Millets





Jowar	Bajra	Ragi
3rd most important food crop with respect to <u>area and production</u> . ✓✓	Grows well on sandy soils and shallow black soil. ✓✓	It is a crop of dry regions. ✓✓
It is a rain-fed crop mostly grown in the moist areas. ✓	✓	Grows well on red, black, <u>sandy</u> , loamy and shallow <u>black soils</u> . ✓
Mainly produced in ✓ ✓ Maharashtra, Karnataka, Andhra Pradesh and Madhya Pradesh(2011-2012). → Meri Mummy Khatarnak → MP → Maha → Kar. ✓	Major producing states are Rajasthan, Uttar Pradesh, Maharashtra, Gujarat and Haryana(2011-2012) ✓	Major producing states are Karnataka, Tamil Nadu, Himachal Pradesh, Uttarakhand, Sikkim, ✓ Jharkhand and Arunachal Pradesh.

Ques

_____ is the third most imp food crop with respect to area and production.

- (a) Ragi
- (b) Bajra
- (c) Jowar
- (d) wheat



Jowar



→ Bajra



→ Ragi

Millets

- Known as coarse grains (શેષા અનાજ)
- have high nutritional value
- Ex: Ragi → rich in iron, calcium, other micro-nutrients and roughage



Maize



1. It is a Kharif crop. ✓✓

2. It requires temperature between 21°C to 27°C and grows well in old alluvial soil. ✓

3. It is used both as food and fodder. ✓

→ animals
food

→ KMÜ ✓

4. Major maize-producing states are Karnataka, Madhya Pradesh, Uttar Pradesh, Bihar, Andhra Pradesh and Telangana. ✓

(BAT)



→ In states like Bihar → Maize is also grown
as Rabi crop



This is possible due to modern farming methods.

└─ HV seeds Fertilisers Irrigation



Pulses



1. India is the largest producer and consumer of pulses in the world.

2. Pulses are the major source of protein in a vegetarian diet.

3. Major pulses grown in India are Tur (Arhar), Urad, Moong, Masur, Peas and Gram.

→ Pulses need less moisture and can be grown in dry areas
→ Pulses → are leguminous → can break down atmospheric nitrogen
 ↓
 Except (Arhar) → increase the soil fertility



Pulses



4. Pulses are mostly grown in rotation with other crops so that the soil restores fertility. ✓✓

5. Major pulse producing states are Madhya Pradesh, Rajasthan, Maharashtra, Uttar Pradesh and Karnataka. ✓✓

→ (UK)

→ M^2R
→ Trick

Ques

Assertion (A): Rabi crops have been successful in North and North-Western India.

Reason (R): North and North-west have witnessed green revolution and receive winter rainfalls.

- (a) A is true, R is false.
- ✓ (b) Both A & R true, R explains A
- (c) A is false, R is true.
- (d) Both A & R true, R does not explain A

Kuch nahi hua bro...



*Aaj Mera Bday Hai Vro.. Gift De
Dena.. Hui Hui Hui*



Homework



→ Compare the geographical conditions
for the growth of
* Rice and Wheat



THANK
YOU

