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Course name :

**Crop Production Technology-II
(ASAG 2204)**

Course credit :

(2-1-0)

Experiment 4

**Topic: Study of Morphological
Characteristics of *Rabi* Crops**



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Aim

- To study the morphological description of *rabi* season crops



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Morphology characteristics

- (i) **Leaf** : Colour, size, shape, arrangement
- (ii) **Stem** : Colour, size, nature (erect, prostrate, angular trailing etc.) nodes and internodes, solid, hollow, woody, tender
- (iii) **Branches** : Branched, unbranched, pattern and arrangement
- (iv) **Flowers** : Colour, size, type of inflorescence
- (v) **Roots/under** : Shallow, deep, tap root, adventitious, root colour, rhizomes, ground parts : nuts, bulb etc.
- (vi) **Juncture points** : Note the colour, shape, size of any plant part like hair, ligule, auricle, glands etc. present at the joining point of stem with root, leaf with stem, inflorescence with the main stem / branch etc.
- (vii) **Fruits / seeds** : Colour, size, shape
- (viii) **Special points** : Nature of plant sap (milky, juicy, gum etc.) and its colour, special modification on the plant etc



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Observations

Table 4.1 Record the following observations in the table given below

S.No.	Name of the crop	Root	Stem	leaf	Flower	Tallness	Duration
1							
2							
3							
4							
5							
6							
7							
8							