

HETEROTROPHIC NUTRITION IN PLANTS

- Partially or Entirely depend on other organism.

PARASITIC NUTRITION

(Parasite — Host)

(Outside Body)
(Partial)

- EctoParasite
- Facultative Parasite

- EndoParasite (Inside Body)
- Obligate Parasite (Total / complete)

Can live with or without Host

Can not live without Host.

* Haustoria
(Absorbing Structure)

STEM PARASITE

PARTIAL
(Facultative)

- Loranthus (Parasite)
- Hosts
 - Shrubs
 - Rosa ceae
 - Bauhinia
 - Mango
- Viscum
- C. Filiformis

TOTAL
(Obligate)

- Cuscuta (Amar bair)
- Hosts
 - Herbs
 - Shrubs
 - Trees

ROOT PARASITE

PARTIAL
(Facultative)

- Sandal wood tree

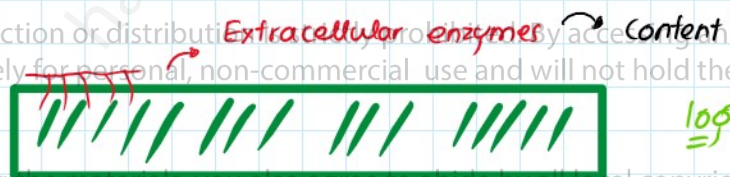
TOTAL
(Obligate)

- Orobanchae Host
- Crucifera
- Solanaceae
- Cistanche
- Striga

SAPROPHYTIC NUTRITION

→ Saprobies (Feed on dead or decaying)

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Dead Organic
Complex material

→ Simplest Form

- Neofia, Monotropa (Indian pipe)