

# Floral Biology & seed development and morphology and Modes of propagation in vegetables

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- **Vegetables** are parts of plants that are consumed by humans or other animals as food.



- **Include**

- **Flowers** - Cauliflower

- **Fruits** - Brinjal

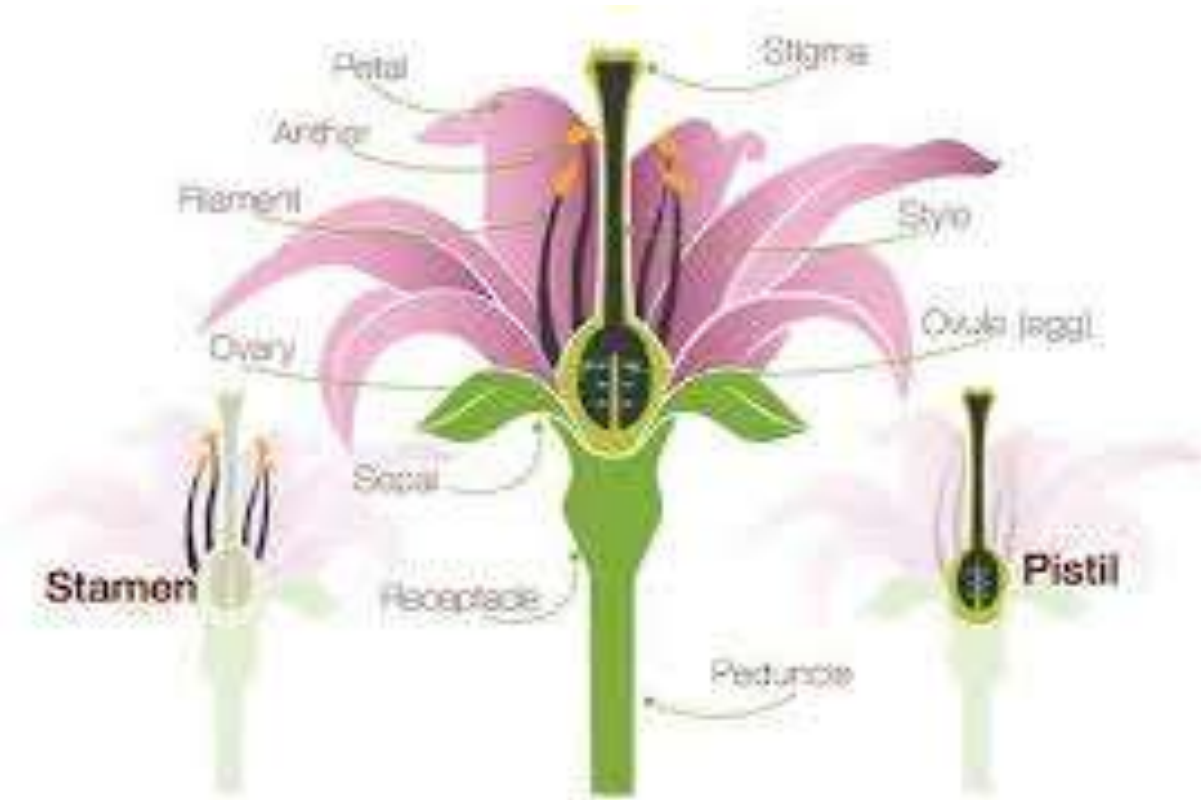
- **Stems** - Celery

- **Leaves** - Lettuce

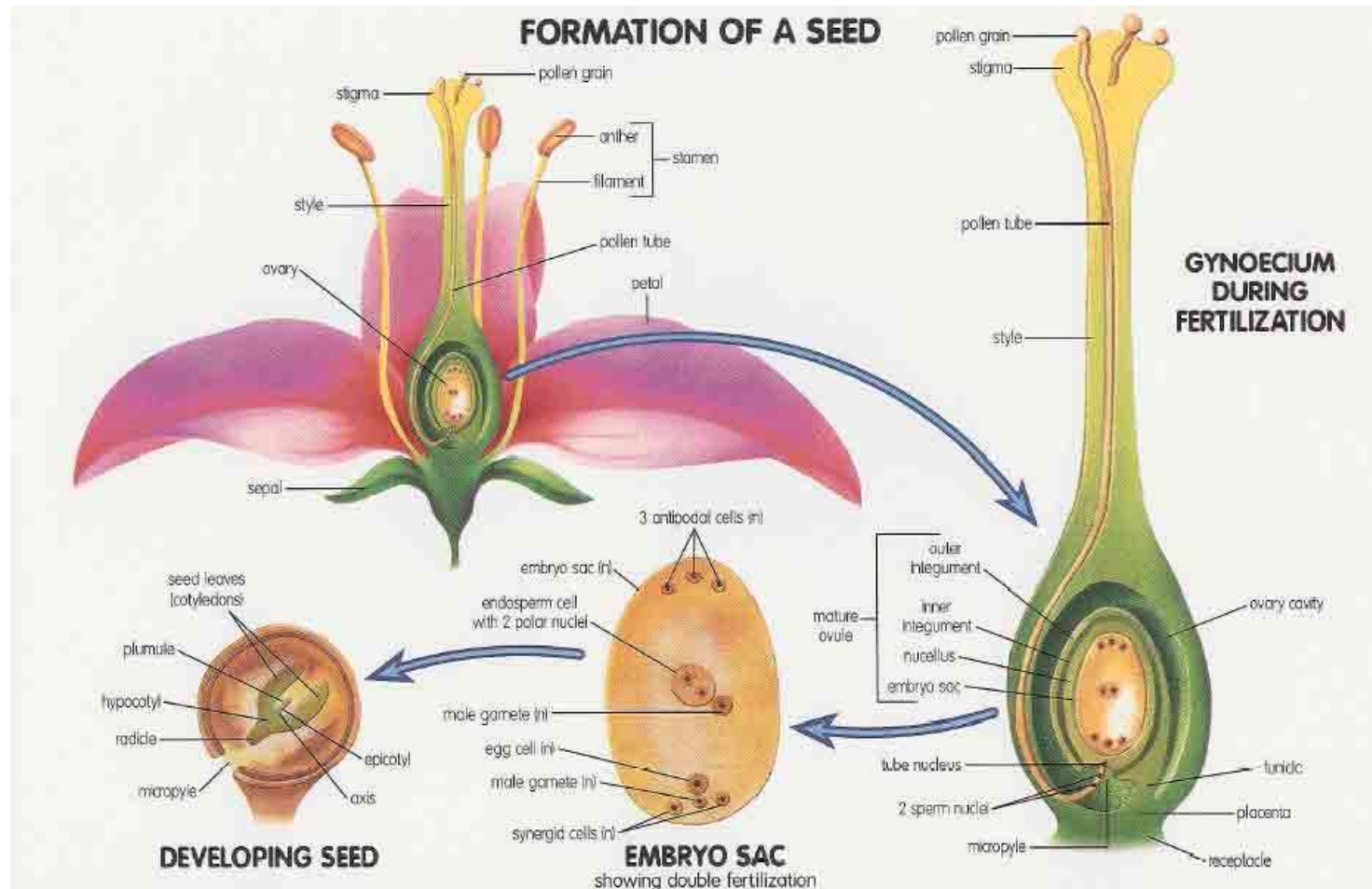
- **Roots** - Radish and

- **Seeds** - Corn

# Floral Biology

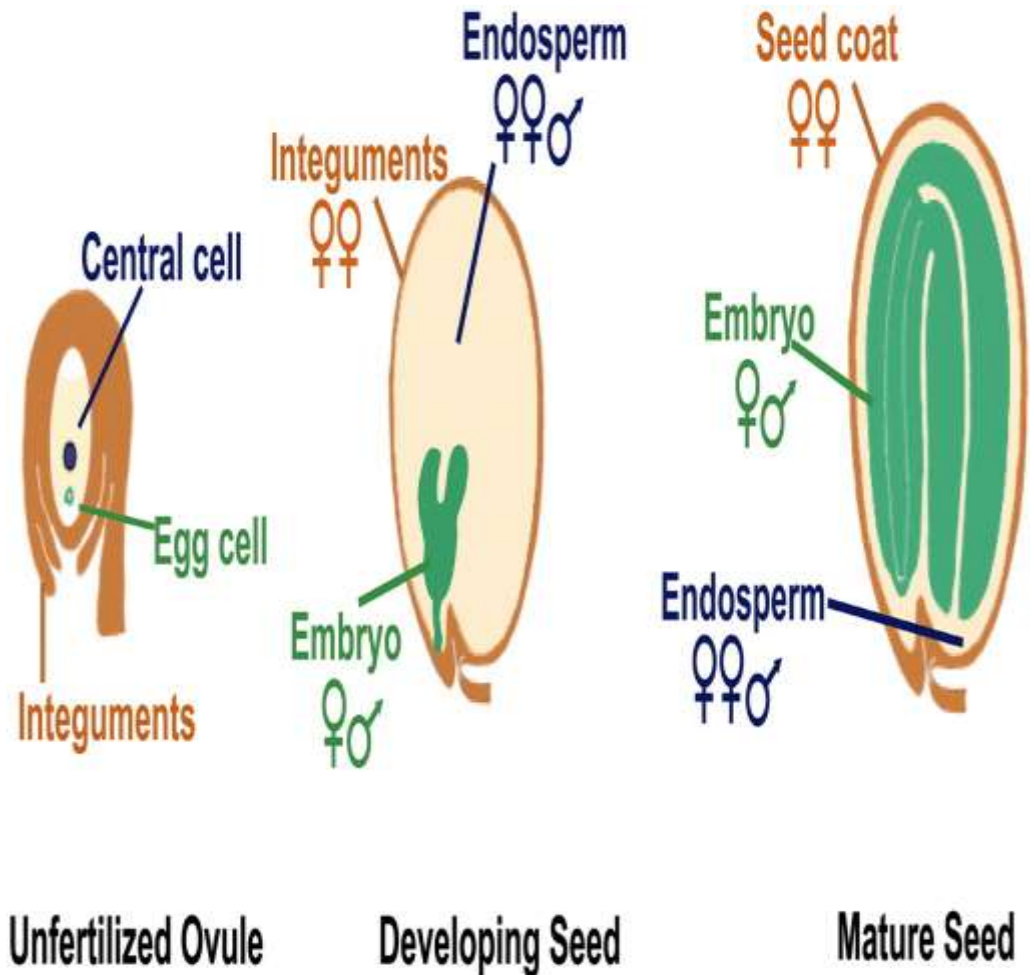


# Formation of seed

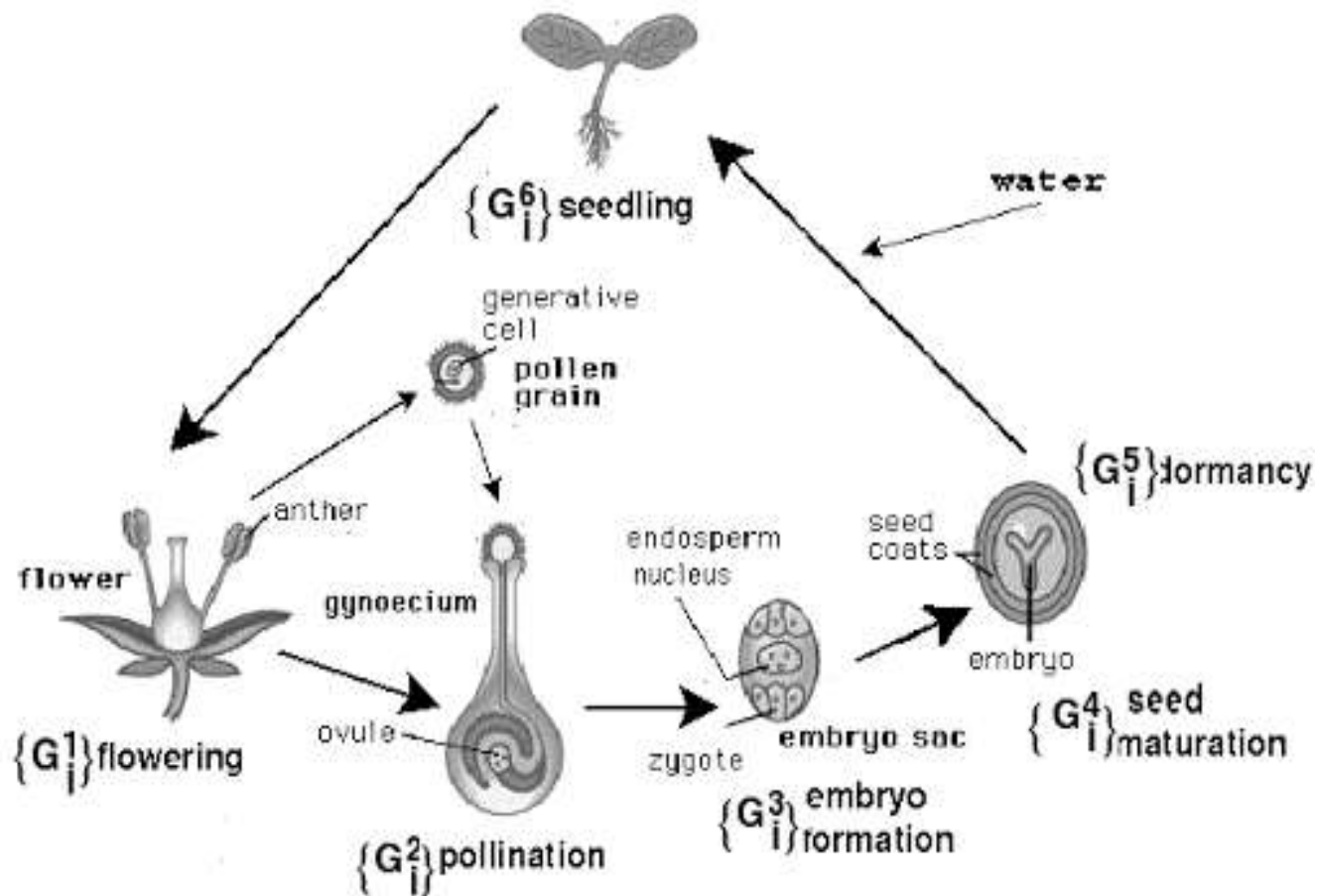


# Seed morphology

**seed includes :**  
Embryo,  
Nutritive tissue  
Seed coat



# Development of Seed and Seedling



- **Modes of Propagation in vegetables:**

- (i) **Sexual** -

- Fusion of male and female gamete

- Seed – Tomato, Brinjal etc.

- (ii) **Asexual**

- Without fusion of male and female gamete

- Vegetative propagation

- **Vegetative propagation**

**Tuber-** potato

**Rhizome** – ginger, turmeric

**Bulb** – onion

**Corm** - arwi