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Class 10th

Subject Biology

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How do Organisms Reproduce?

• Benefits of tissue culture

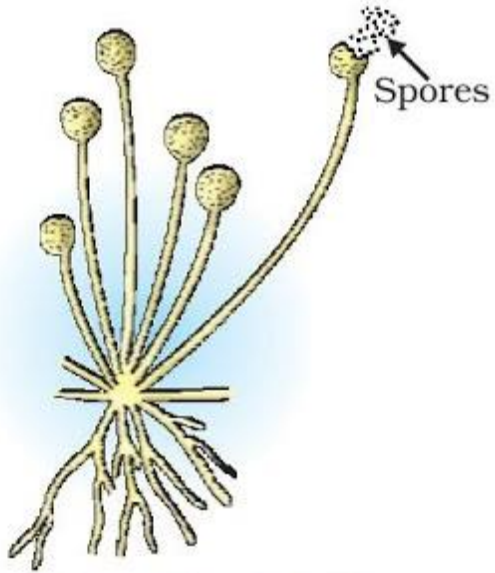
→ We can grow plants like banana, rose, jasmine etc. that have lost the capacity to produce seeds.

→ New plants are genetically similar to parents.

→ Helps in growing seedless fruits.

(v) Spore Formation: Spores are small bulb like structures which are covered by thick walls. Under favourable conditions, they germinate and produce new organism.

Example: Rhizopus



Spore formation in Rhizopus

Sexual Reproduction

→ When reproduction takes place as a result of the fusion of male and female gametes is called sexual reproduction.

→ Fusion of gametes is called fertilization which results in variation.