

## Asexual Reproduction

Q. What is spore?

A: A minute, typically one-celled, reproductive unit capable of giving rise to a new individual without sexual fusion, characteristic of plants, fungi and protozoans.

Q. What is spore formation?

A: spore formation is a method in asexual reproduction, it generally happens in non-flowering plants such as fungi and bacteria. In this the parent plant generates thousands of spores which individually grow in a plant. These spores are microscopic and round in shape and grow in suitable condition.

Q. How does the spore formation happen?

A: A spore is a microscopic, spherical structure, covered by a hard protective coat which protects them from the unfavourable conditions,

such as intense heat, frost and dryness.

When the conditions become favourable, the coat breaks and spores are liberated.

The spores then grow into new individuals. Being very light, they also get easily dispersed to the distant places with the help of air.

Q. What is vegetative propagation?

A: vegetative propagation is often used when the crop plants either do not produce seeds or when the seeds produced are not viable or are of long dormancy. The method relies on the use of pieces of vegetative plant parts such as stems, leaves or roots to perpetuate the parent plants.