

Distinguish, differentiate, compare and explain what is the difference between Fibrous and Adventitious Root. Comparison and Differences.

Difference between Fibrous and Adventitious Root

1. Fibrous root occurs in place of tap root system at the base of main stem. Adventitious roots arise from various parts of the plant other than the radicle.
2. Fibrous roots are thin and fibrous. Adventitious roots can be thin, thick or variously modified.
3. Fibrous root system is underground. Adventitious root can be underground or above ground.
4. Fibrous root system takes part in fixation of plant, absorption of water and mineral salts etc. Adventitious root performs several functions like clinging, support, storage, reproduction, fixation, absorption, etc.