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STUDY MATERIAL SCIENCE

CLASS-VII

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▸ Soil

Moisture in Soil

The soil contains some water in it which is called soil moisture.

Usually, 'moisture is present as a thin film around the soil particles. This moisture is absorbed by the roots of plants. Thus, the moisture content of the soil is very important for the growth of crops.

Absorption of Water by Soil

Soil contains moisture in it but it can still absorb or soak a lot of water. But soil has the limit to absorb water in it.

The ability or capacity of the soil to absorb a limit of water is called absorption percentage. It can be calculated as follows:

Percentage of water absorbed = $\frac{\text{Amount of water absorbed (in mL)}}{\text{Amount of Soil (g)}} \times 100$