

# Soil Moisture Sensor

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**Abstract:** *The moisture of the soil plays an essential role in the irrigation field as well as in gardens for plants. As nutrients in the soil provide the food to the plants for their growth. Supplying water to the plants is also essential to change the temperature of the plants. The temperature of the plant can be changed with water using the method like transpiration. And plant root systems are also developed better when rising within moist soil.*

**Keywords:** irrigation management, soil moisture ,capacitive sensor, water efficiency

