

How to develop Software that interacts with machine.

Software through the machine

- Read the temperature of the Soil.

Step 1: measure the right depth: If you are planting seeds or new plants, take your measurement at the recommended planting depth. ~~If you are measuring for a mixed garden~~

Step 2: make a pilot hole: the machine to make a pilot hole so that the thermometer won't break pushing it into hard soil.

Step 3: the machine will make sure it is firmly touching the soil, and allow a few minutes for the temperature to register.

Step 4: multiple measurement to determine the average the numbers.

Step 5: Check reading

Determine the moisture content of the Soil.

The machine will be designed in such a way it will have a sensor of moisture probe. This probe will be programmed on the Software, in order to use it. The machine will push the probe down into the soil and wait to see the results. This should only take a couple of seconds. Once the probe has effectively assessed the moisture level of the soil, a number should pop up on the display area. If you're hoping to get an accurate idea of how much moisture there is in the soil that makes up a large area, take a few more readings in different spots that are spread out within the area.

• Configure time interval for the water system

Step 1: Turn the dial to set days to water

Step 2: press the right over to the ~~set~~ interval watering mode.

Step 3: the interval of 1 it will show that the controller will water every single day

Step 4: If the days left is shading zero, that means it is the day of watering

Step 5: Once the time to interval is programmed, you then run it.

Triggered an alarm if there is no sufficient water in the tank for the irrigation



