

# In-field soil respiration test

*Solvita testing*



**CaSTCo**

Making sure that people count at the heart of rivers' recovery

**01**

## Take the soil temperature

Take the temperature of the soil using the soil thermometer. Write down the temperature in the notes of the Solvita test (in Vidacycle).

**02**

## Soil sample

Take a soil sample and remove any large debris (stones, leaves, etc) and add the soil to the jar until it is approximately an inch high, or 90g.

**03**

## Add soil probe

Insert the soil probe into the jar taking care not to touch the gel pad with your hands or the soil.

**04**

## Wait 24 hours

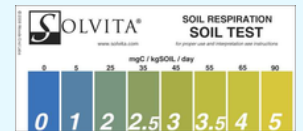
Close the lid tightly and leave the jar with the probe at a constant temperature for 24 hours.

**05**

## Identify and measure top layer

After 24 hours, compare the colour of the probe to the Solvita colour test sheet and record your Vidacycle result in the app.

### Equipment



**Don't forget to take photos of you doing your soil sampling and of the results!**