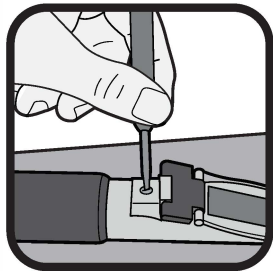


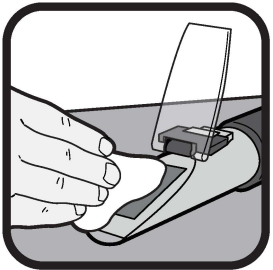
REFRACTOMETER: THE ESSENTIAL TOOL

OPERATING INSTRUCTIONS:



1

Calibrate refractometer using pure, distilled water



2

Open the daylight plate, wipe the refraction prism carefully with soft flannelette. Be careful not to scratch the surface.



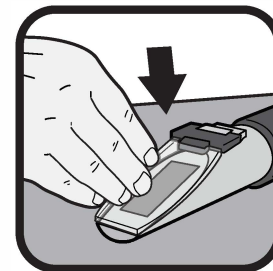
3

Choosing the fully developed leaves, twist the leaves a few times and then place into the well of a good quality garlic crusher (Jumbo Zyliss) (if sampling low sap species like avocados and grapes use sap vice grips).



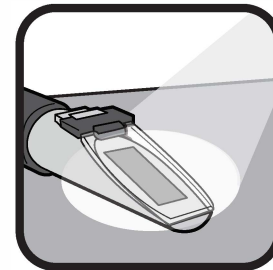
4

Squeezing out the sap. (If plant material squeezes out of the crusher –place a coin in the bottom of the well). Put 2-3 drops of sap on the prism surface



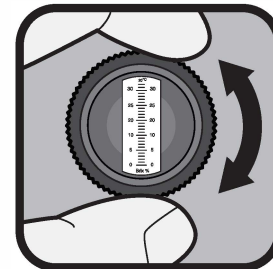
5

Cover the daylight plate slowly to let the solution cover the whole prism surface reducing any air bubbles.



6

Turn the refractometer towards a light source or bright place.



7

Look through the lens. Turn the focus adjustment until the graduated lines can be seen clearly.

For more information contact info@integritysoils.co.nz

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