

Suggested Citrus Maturity testing equipment

The following list outlines materials commonly used in the maturity testing process.

Glass ware etc.:

1 x Auto fill burette 25ml in 0.1ml graduations, with squeezable bottle (some companies sell this as a complete unit called a Dr Shillings auto fill burette).

2ltr Sodium Hydroxide 0.1mol/0.1 (can be purchased in 1ltr - 4ltr bottles already prepared).

500ml Phenolphthalein 1% indicator solution BDH (this is used sparingly 4-5 drops per test so don't buy in bulk unless conducting multiple tests).

2 x 100ml conical flask (some people prefer 200ml as it is easier to see).

2 x 1 litre jug or other container to collect juice sample.

1 x Eye dropper and (optional small bottle with lid for phenolphthalein).

1 x Digital refractometer (optical can be used, temperature correcting preferred).

Companies which can supply this material include:

Rowe Scientific - Adelaide 08 8186 0523 or Melbourne

VWR Australia International - 1300 727 696

Suggested juicer –

Breville Professional 800 Collection (800CP Die Cast Citrus Press).

Other materials –

Paper towel

Tissues

Distilled or deionised water

Knife

Cutting board

Sieve

Digital scales to 3kg (or higher) in 1 gram graduations.

2 x 10ml syringes (available from chemist).

For more detail or further enquiries please call Nathan Hancock on-

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