

# Sap Extractor

**A super-heavy-duty garlic crusher that has proven highly effective for sap extraction.**

Before a sap sample can be measured for its pH, conductivity or brix, it must first be extracted from the plant being tested. Garlic crushers have proven to be the most rapid and efficient tool to facilitate the extraction of plant sap, however many are prone to breaking when heavy pressure is applied.

NTS distribute this heavy-duty Swiss crusher, which can withstand the pressure required to extract sap for most soft foliage.

## **BENEFITS**

- Durable, lightweight construction.
- Rapid sap extraction.
- Coated to avoid discolouration in dishwashers.

## **PACKAGING:**

160 g

Product Code: NTSE



**MONITORING  
METERS AND  
EQUIPMENT**



# NTS Sap Extractor

## MODE OF ACTION

The NTS Sap Extractor can be used with petiole or whole leaf samples. Uses a manual hinged action to squeeze plant material to extract any available sap. The unique positioning of the main pressure point is the key to the enhanced durability of this tool.

## OPERATION GUIDE

1. Always wear clean gloves when collecting and processing the sample to avoid contamination.
2. Once the sample is in place, crush to bruise it only, then with a clean plastic tool or similar, raise and turn the sample. This will allow for greater sap extraction. It may be necessary to repeat the bruising and turning process 3 – 4 times.
3. When the sample has been sufficiently bruised, apply pressure to express the sap.

**Note:** Avoid forcing leaf material through the holes, as this will restrict good sap flow.

## IMPORTANT

- **Please note:** although this unit is considered heavy duty compared to standard garlic crushers, excessive force can still cause breakage. Unfortunately we are unable to replace broken sap extractors.
- The plastic head cleaning tool can be used to clear holes, but in some cases it may be necessary to use a toothbrush to thoroughly clean the unit.
- If using sensitive ion meters it is advisable to wash the tool with distilled water between samples.

## WHICH EXTRACTOR DO I USE?

**NTS Sap Extractor** – Leafy greens and vegetables with high moisture content.

**NTS Advanced Sap Extractor** – Suitable for most pastures and broadacre crops. Also suitable for small crops such as strawberries, potatoes etc.

**NTS High-Pressure Sap Extractor** – Ideal for most tree crops, e.g. macadamia, citrus and olive.

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