NTS
Nutri-Tech Solutions®

Advanced Sap Extractor

MONITORING METERS AND EQUIPMENT

In-field monitoring is a critically important component of the biological approach.

Proactive plant management involves precision nutrition to achieve the plant resilience that reduces the need for chemical intervention. Refractometers, sap pH meters, nitrate and potassium meters are tools that monitor the sap of the plant to determine nutrient requirements. However, the first step in this monitoring process is the successful extraction of the sap from the leaf. This device is manufactured in the NTS workshop and it has proven very popular amongst growers already using the technology. These adapted vice grips are of particular benefit as the extractor is more durable than a basic garlic crusher.

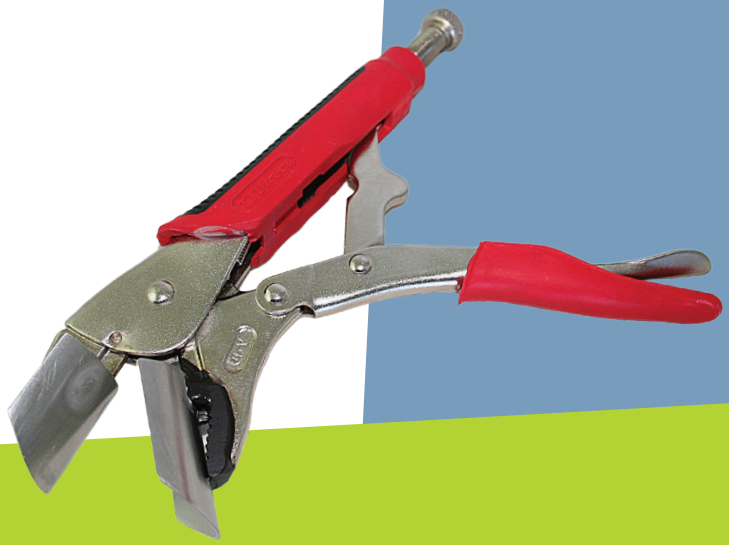
BENEFITS

- Durable construction.
- Rapid sap extraction.
- Affordable.
- Easy to use and clean.

PACKAGING:

700 g

Product Code: ADVSE



Nutrition Farming®

NTS Advanced Sap Extractor

MODE OF ACTION

Uses a high pressure clamping action to squeeze plant material to extract any available juice. 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. Open up extractor jaws, adjust opening by screwing adjusting screw out.
3. Place extraction product between jaws.
4. Close the jaws and adjust by turning the adjusting screw in.
5. Open jaws slightly and turn adjusting screw to achieve maximum clamping pressure.
6. Do this until sufficient pressure is needed to extract the sap required.
7. Pressure may need to be applied for between 1 – 2 minutes (this will vary on different products).
8. Clean Advanced Sap Extractor with clean water after use.

IMPORTANT

- Always note weather conditions, time of sampling and recent fertiliser applications when leaf samples are tested, as these factors can have a large impact on leaf sap measurements.
- If using sensitive ion meters it is advisable to wash the unit with distilled water between samples.
- Use a tissue, or similar, to ensure the press is dry prior to processing the next sample as excess water will dilute sap.
- **Please note**: Certain crops feature leaves from which sap extraction can be notoriously difficult (e.g. macadamia and citrus). The NTS High-Pressure Sap Extractor is best suited for these crops.

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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