

ENHANCE CROP MANAGEMENT WITH WESTGATE LABS PLANT TISSUE TESTING

ELEVATE YOUR AGRICULTURAL SUCCESS WITH WESTGATE LABS

Located in the vibrant agricultural hub of Orange, NSW, Westgate Labs is dedicated to helping growers and farmers enhance crop productivity and ensure the quality and safety of their produce through specialised plant tissue testing. As a facility accredited by both NATA and ASPAC, we maintain the highest standards in testing accuracy and reliability.

WHY PLANT TISSUE TESTING IS ESSENTIAL

Plant tissue testing is a vital tool for modern agriculture and horticulture, providing indispensable insights into the nutrient status of your crops. This precision approach allows for the fine-tuning of nutritional and management strategies, delivering crucial benefits:

- ▶ **Detect Nutrient Imbalances:** Quickly identify deficiencies or excesses in nutrients to adjust your fertilisation strategy for optimal plant health.
- ▶ **Monitor Crop Health and Safety:** Gain detailed insights into the health of your crops to prevent yield-limiting issues.

SPECIALISED PLANT TISSUE TESTING SERVICES

- 1 COMPREHENSIVE NUTRIENT ANALYSIS**
We perform detailed analyses of critical plant tissues, including leaves and petioles in various horticultural and broadacre crops. This targeted approach helps in understanding specific nutrient absorption and assists in precise fertilisation adjustments.
- 2 HEAVY METAL TESTING**
Detect and quantify the presence of harmful heavy metals within your crops. Our testing services identify potential contamination and help you mitigate risks to crop health and consumer safety.
- 3 PESTICIDE RESIDUE ANALYSIS**
Ensure your crops comply with legal and consumer standards by identifying and quantifying pesticide residues in plant tissues. We also offer contamination tests and multi residue scans.

4 TISSUE TESTING IN KEY CROPS

Westgate Labs has many years of experience in the analysis of several fundamental horticultural crops including, but not limited to:

- ▶ **Grapes:** Tailor vineyard management by assessing the nutrient uptake at specific times through petiole testing, optimising grape quality and vine health.
- ▶ **Cotton:** Determine the nutritional status of your cotton plants to enhance growth and fibre quality.
- ▶ **Potatoes:** Utilise petiole testing to ensure balanced nutrition for maximised yield and quality in potato cultivation.
- ▶ **Medicinal Cannabis:** Optimise nutrient delivery and enhance cannabinoid production through precise nutrient monitoring and analysis at specific growth stages.
- ▶ **Turfgrass:** Complement traditional turfgrass management techniques and engineer more efficient inputs where they're needed.

UNMATCHED BENEFITS WITH WESTGATE LABS

CUSTOMISED SERVICES

We understand that each farm has unique needs. Our tailored testing solutions are designed to address the specific challenges and objectives of your crops.

RAPID, RELIABLE RESULTS

In agriculture, timing is everything. Our commitment to quick turnaround times ensures you receive actionable information swiftly.

GET STARTED WITH WESTGATE LABS TODAY

Join the ranks of successful growers who rely on Westgate Labs for their plant tissue testing needs. Contact us to discover how our services can boost the health and productivity of your crops.

CONTACT US

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Our analytical services include, but are not limited to:

- ▶ Soil
- ▶ Water
- ▶ Patulin
- ▶ Plant Tissue
- ▶ Plant Pathology
- ▶ Microbiology
- ▶ Formulation Chemistry
- ▶ R&D

