



Tropentag 2026, September 16-18, 2026

“TOWARDS MULTI-FUNCTIONAL AGRO-ECOSYSTEMS PROMOTING CLIMATE-RESILIENT FUTURES”



Postharvest Fruit Losses and Management in Fresh Jamun (*Syzigium cumini*) Berry Supply Chains and Domestic Market Efficiency in Pakistan

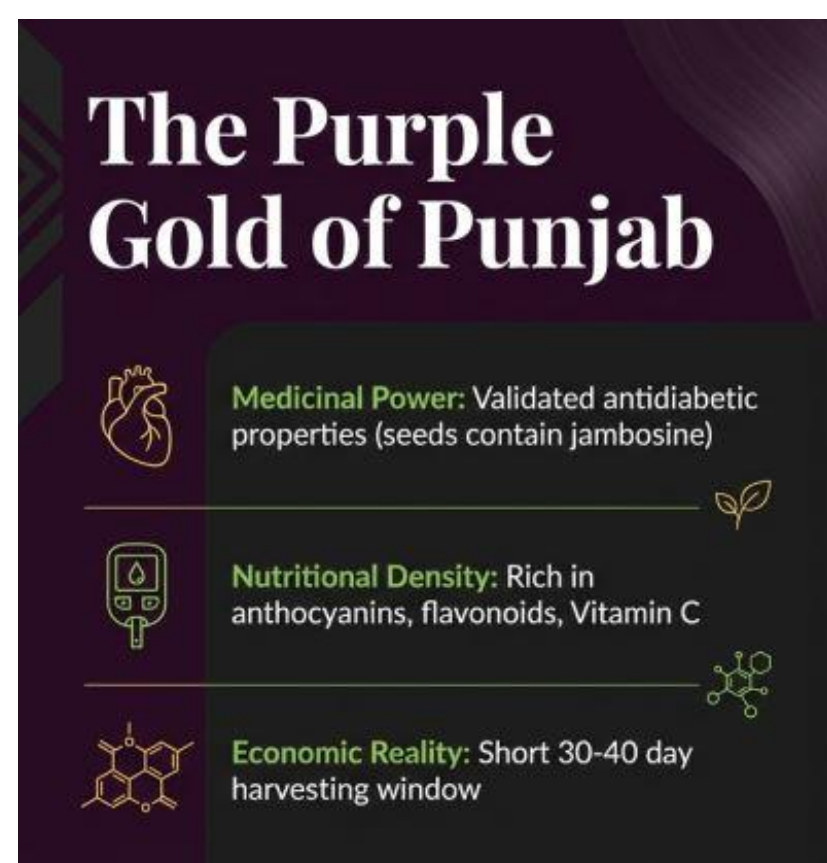
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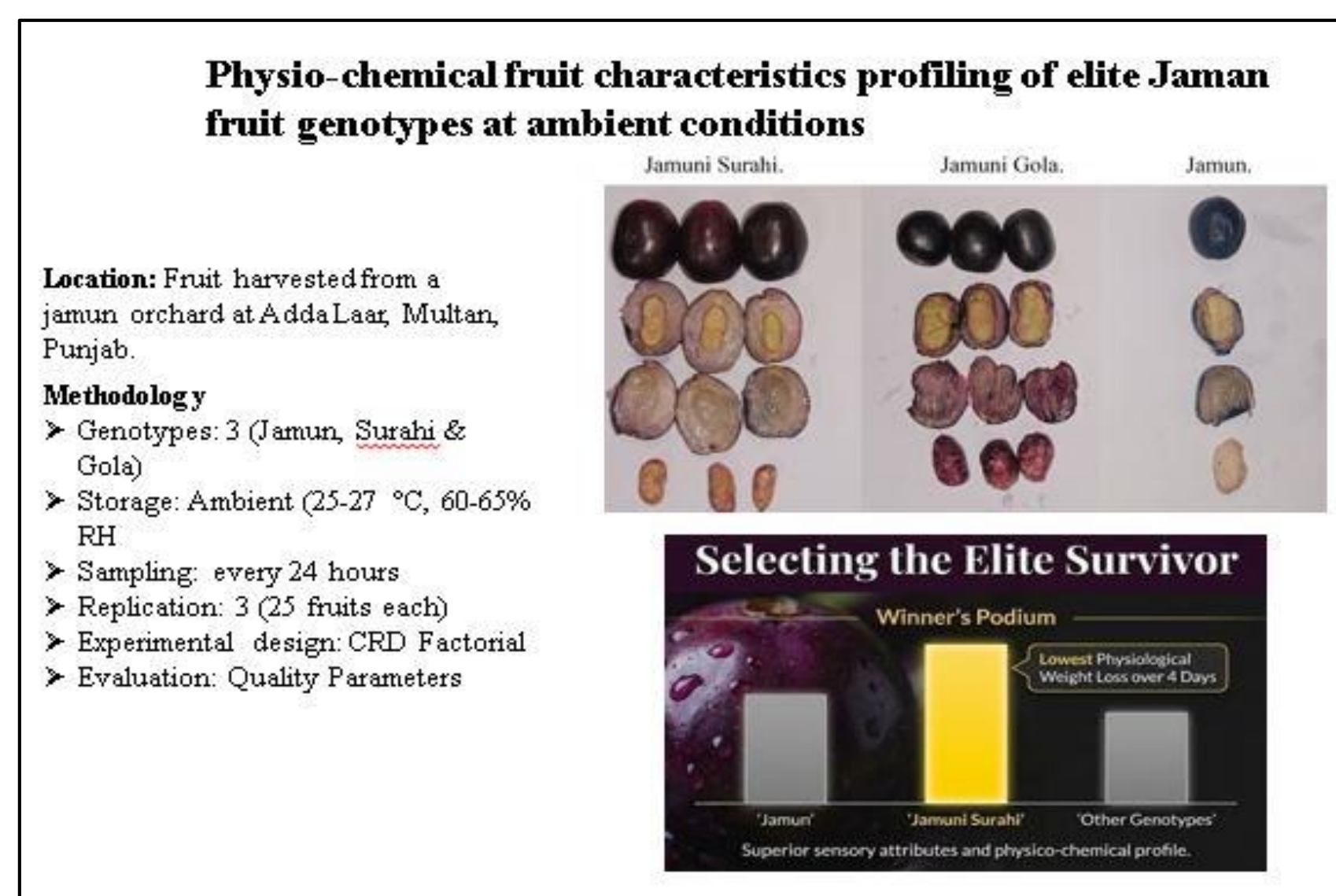
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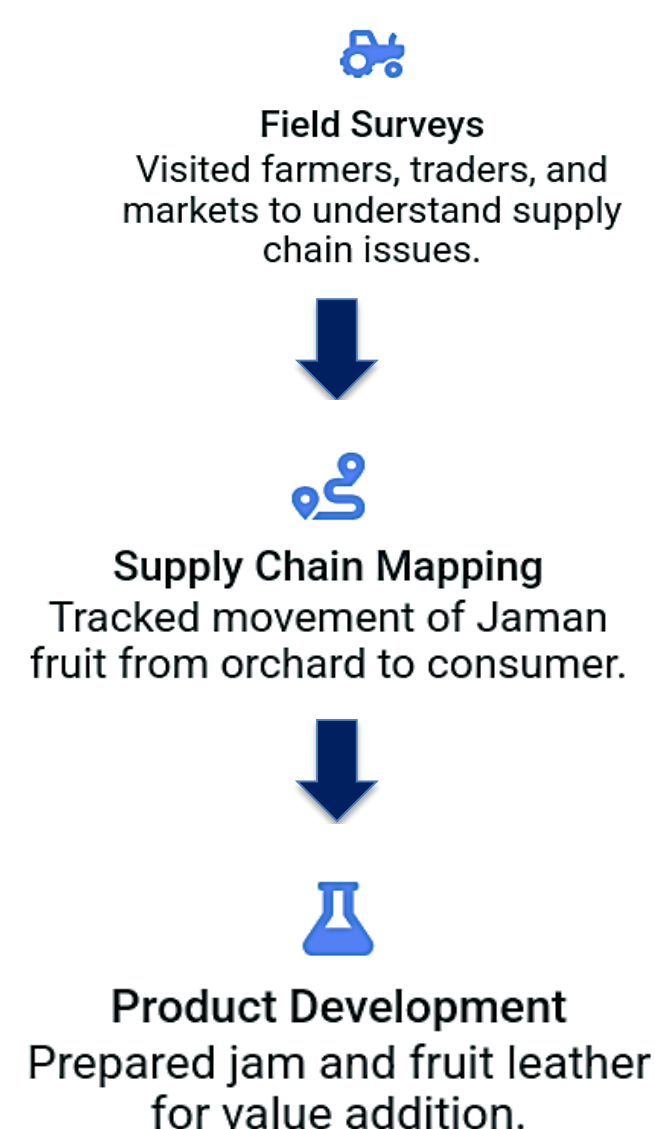
Background and Objectives



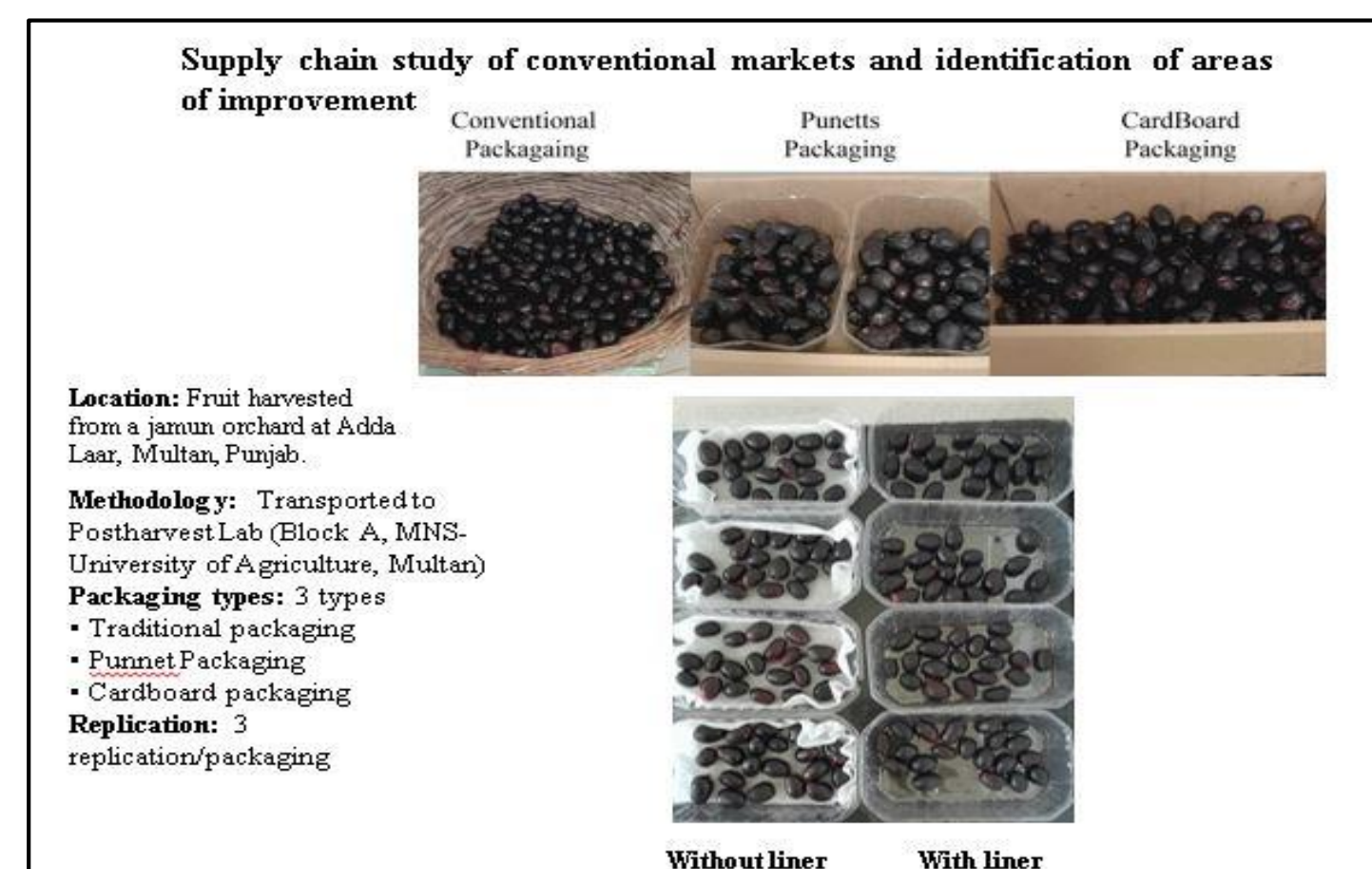
Results



Methodology



Results

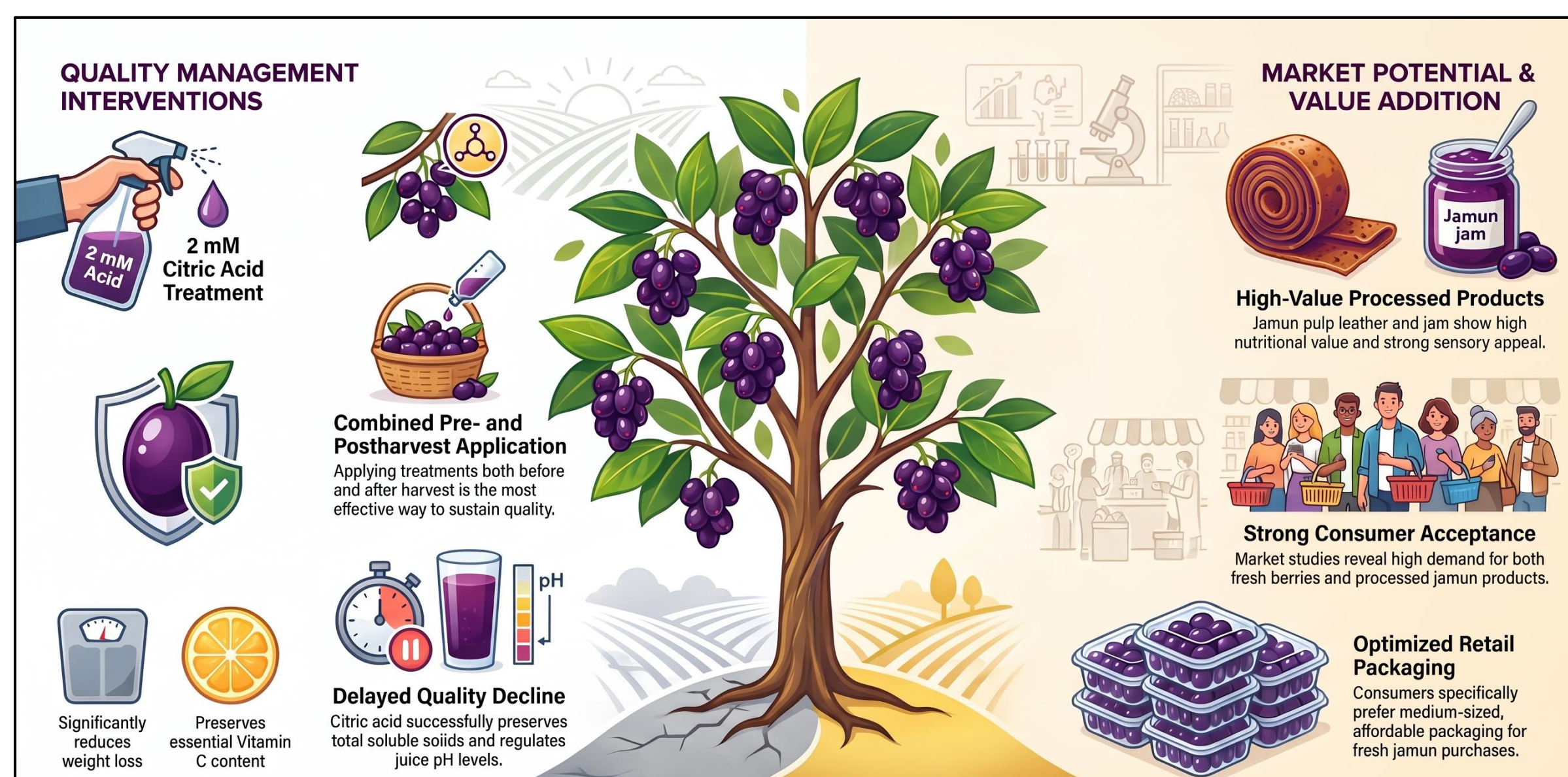


Conclusions

Results

Identified Nature of Fruit Losses

- Postharvest monitoring was conducted across three commercial jamun plantations from harvest to packing and further along the supply chain.
- Major losses were caused by **fruit cracking** and **excessive fruit softening**.
- Injury-caused softening and **fruit shriveling** were the dominant loss factors.
- Losses were further aggravated due to **insect infestations**, leading to **inferior fruit quality**.



Acknowledgements



Recommendations

Transforming a Minor Crop into a Major Industry

- ✓ Quantified Losses & Pathogens
- ✓ Validated Interventions (Genotype + Chemistry + Packaging)
- ✓ Proven Market Demand for Value Addition

The path from Farm to Fork is now clear.

