

Estate Mechanisation Plan

Plantation & Commercial Crops

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Assesses where and how to mechanise estate operations — harvesting aids, pruning, spraying, transport and processing — with cost, suitability and payback against rising labour scarcity. Use it to reduce labour dependence sensibly.

Purpose of this tool & output

Mechanise to cut labour dependence

How the output is used

Use it to mechanise to cut labour dependence — an estate mechanisation plan matched to terrain, crop and cost.

Important cautions

Mechanisation suitability depends on terrain, crop and quality needs and some operations lose quality if mechanised; payback depends on labour cost and utilisation. Trial before scaling and weigh quality and welfare, not just cost.

Companion documents

- Harvest Planning Guide
- Plucking / Picking / Tapping SOP
- Yield Optimisation Diagnostic
- Harvest Labour Planning Tool
- Post-Harvest Handling Plan
- Yield Forecasting Tool

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.