

LAB INTELLIGENCE SUITE

Run your entire tissue-culture lab from one system

Mother plant to invoice, consumables to lab results, one QR scan to full traceability — everything a lab team touches, in one login.



PRODUCTION · TESTING · INVENTORY · ORDERS · TRACEABILITY · REPORTING

Built by a tissue-culture lab manager, not a software vendor guessing



Lab Intelligence Suite is a ready-to-use laboratory and production management platform designed for plant laboratories — including tissue culture and plant testing workflows.

It wasn't designed from the outside looking in.

It was built by someone who has managed a tissue culture lab - who has chased down a contamination source, reconciled the same stock count three different ways before a dispatch deadline, and fielded the same customer status call twice in one afternoon. Every module here maps to a real problem someone inside the lab has actually had to solve. This isn't a collection of generic software features with an inventory tool bolted on afterward.

Running a lab on spreadsheets breaks down fast

The problems that show up the moment a lab is juggling more than a few orders and customers at once



Scattered records

Production, stock, and testing tracked in disconnected sheets fall out of sync with each other.



Stock surprises

A critical consumable or a piece of equipment overdue for calibration goes unnoticed until it stalls a batch.



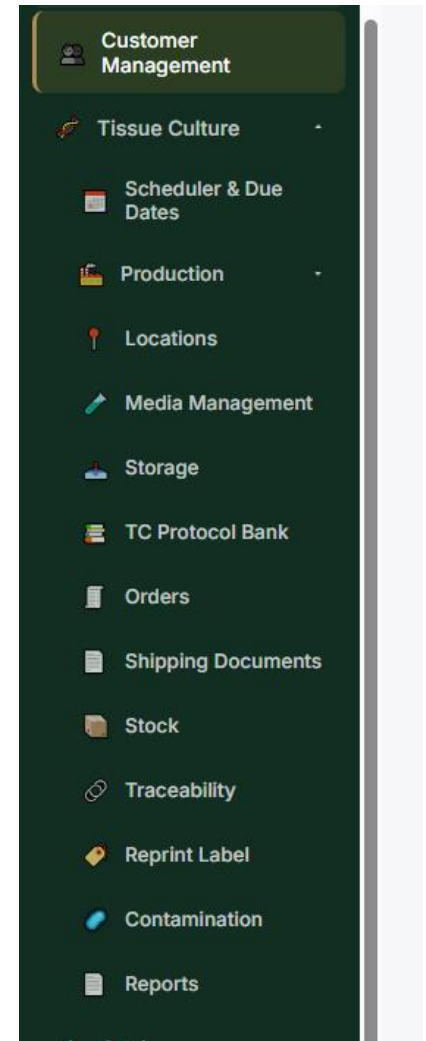
Traceability gaps

If something goes wrong after dispatch, tracing a shipped batch back to its mother plant means digging through old files.

Every part of the lab, one login

27 connected modules — production, inventory, testing, customers, and reporting — organized in a single sidebar so nobody needs a second tool.

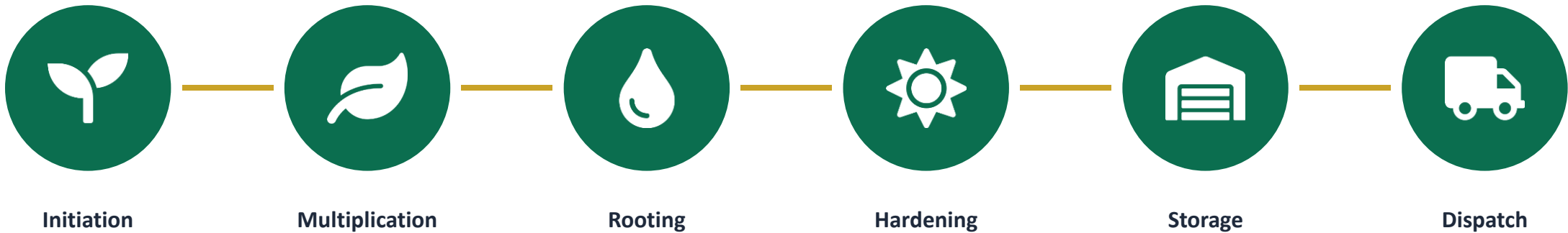
- Tissue Culture - Initiation, Multiplication, Rooting, Hardening
- Production - Locations, Media, Storage, Protocol Bank
- Commercial - Orders, Shipping Documents, Customer Portal
- Quality - Contamination, Traceability, Lab Testing
- Operations - Consumables & Equipment, Scheduler, Reports



Actual navigation from a live lab account

From Assortment catalogue to dispatch — tracked automatically

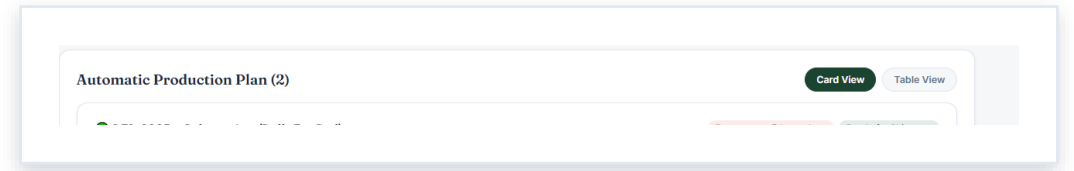
Every variety starts in Assortment — the master catalogue that drives every due date in the app — then moves through six tracked stages



Move a batch forward at any stage and Orders, Stock, and Traceability all reflect it immediately. Contamination and quantity corrections are logged right where they happen, so forecasts always reflect what's actually alive - not just what was originally entered.

Orders that forecast their own production plan

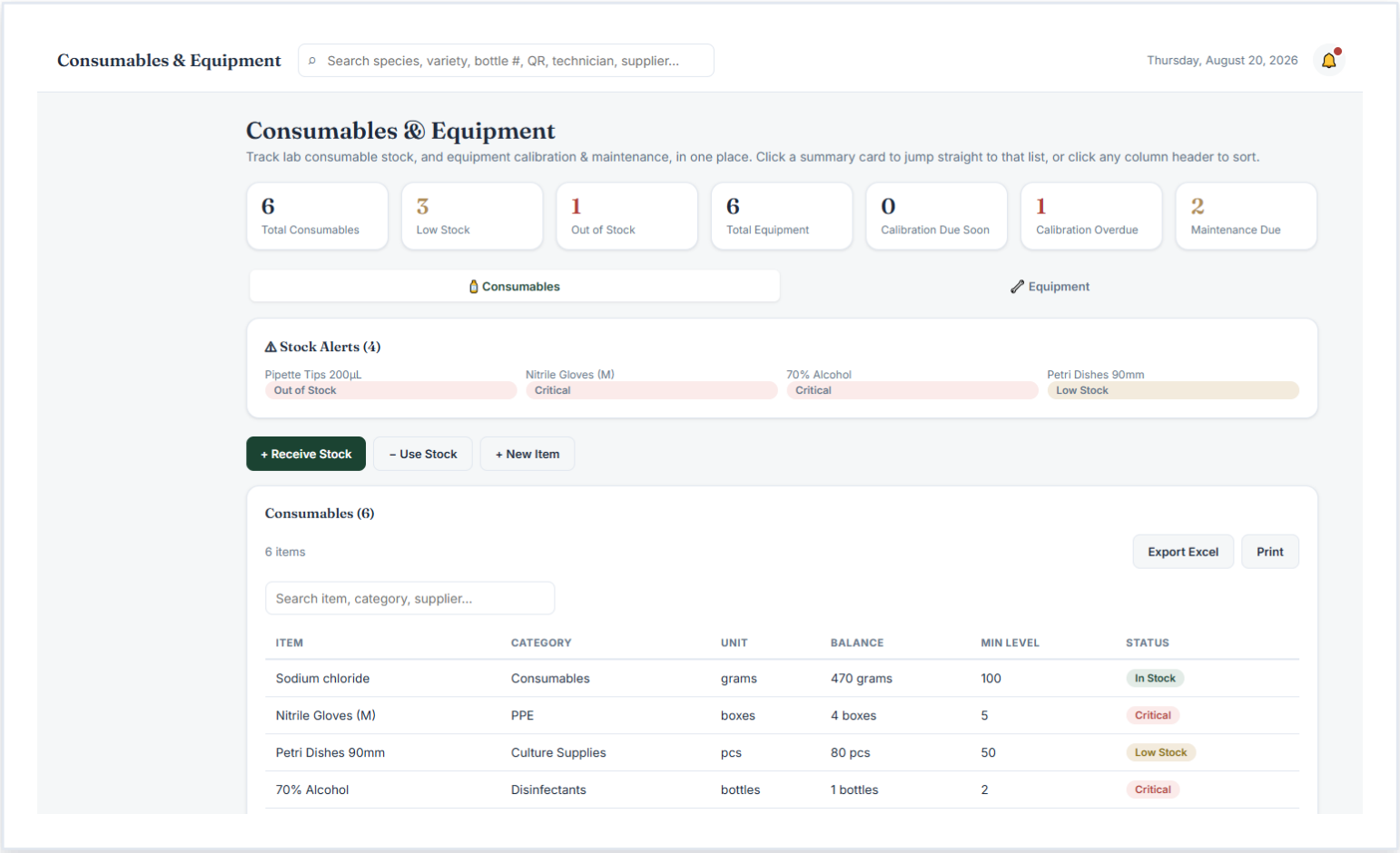
- Every order line is checked automatically against what's available now, in production, and reserved by earlier orders - with a predicted ready date.
- Small orders open in Card View for full detail per item; large orders switch to a searchable, sortable Table View automatically.
- Export or print the plan straight from the order - respecting whatever search or sort is currently on screen.



Actual product screen — an order's Production Plan, with the Card View / Table View toggle

Never let a consumable or overdue calibration stall a batch

One screen for both sides of lab inventory — consumable stock levels and equipment calibration/maintenance — with alerts before either becomes a problem



Low-stock and out-of-stock alerts surface automatically - no need to check every item by hand.



Equipment calibration-due and maintenance-due counts sit right next to consumable stock.



Export or print the current list - same pattern used across every table in the app.

From sample submission to signed-off report - fully linked

Whether a sample comes in through the Sample Submission Portal or your own front desk, it flows through the exact same requisition, results, and reporting pipeline



Sample Submission Portal

A dedicated login for customers or field collectors to submit samples directly — no pricing shown, every field maps straight onto the same requisition your lab team works from.

Laboratory Testing

The formal record for ELISA, PCR and Microscopy tests — requisition, result, review and printable report. Detailed technical results stay in the lab's existing folders; link them here via the File Reference field.

Dashboard

Requisitions

Results

Reports

Invoices

15
Total Tests

1
Pending

2
In Progress

0
Completed

5
Awaiting Review

5
Reported

+ New Test Requisition

View Pending Tests

View Results

Reports

Recent Tests (10)

Search recent tests...

REQUISITION NO.	SAMPLE ID	TEST TYPE	SAMPLE / VARIETY	DATE	RESULT	TESTED BY	STATUS
LAB-2026-0015	SMP-2026-0018	Microscopy	ATROSANGUINES	Aua 20. 2026	—	—	IN PROGRESS



Same Sample ID sequence, same requisition table, same validation - a portal submission shows up in Requisitions instantly, with zero copy step.

Full lineage, from your phone

Scan or search any QR code or Bottle ID and see the complete lineage back to its mother plant - every Initiation, Multiplication cycle, Rooting, and Hardening batch it passed through on the way.



No dedicated scanner needed : the built-in camera scanner runs in the browser on any phone or tablet. Point the rear camera at a printed label and the matching record opens instantly, right at the bench.



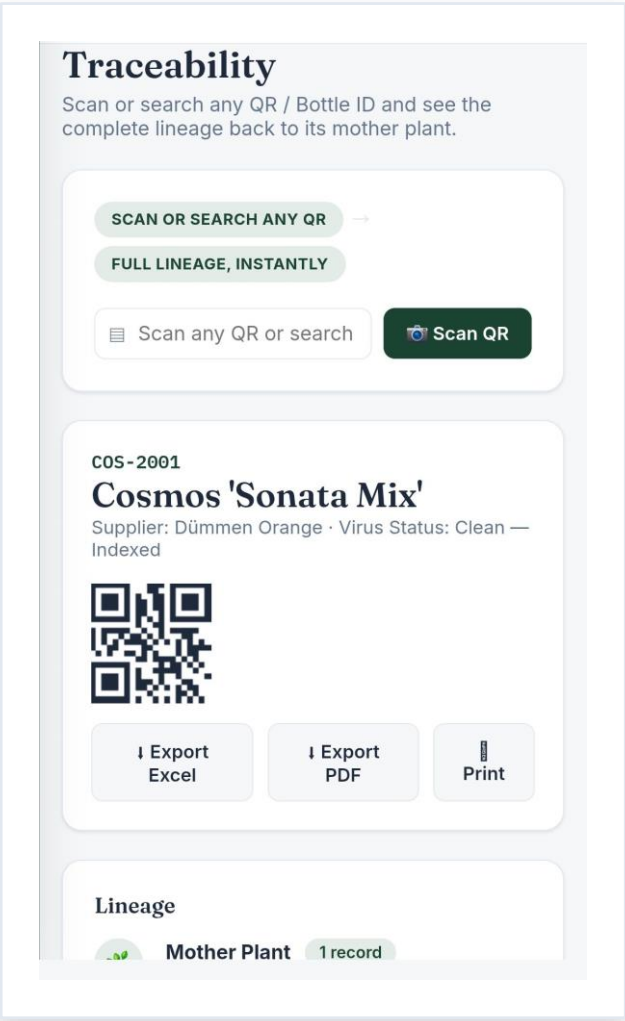
Scheduler & Due Dates

Every active batch's due date is calculated automatically from its variety's Assortment durations - no manual date math, no missed due weeks.



Contamination Flags in the Trace

Any contamination logged along that lineage surfaces automatically — a clear warning right in the trace, not a separate report to cross-check.



Actual traceability screen, on a phone

Print the label. Scan it back in. Done.

Any record - a mother plant, a multiplication bottle, a hardening tray - gets a QR label with the variety, cycle, container, and clone printed right on it. Choose how many copies and print.



Standard browser Print works anywhere - no setup, prints via any installed printer driver.



Print via Bluetooth or Print via Cable send the exact label size straight to a connected thermal printer - avoids blank or misaligned labels from an OS print dialog. (Chrome/Edge only, and printer-dependent - the regular Print button is always the reliable fallback.)

Print Label



PW34 · DW38

COS-2003-M002

Cosmos 'Xanthos Yellow'

Cycle 1

Container2/2

Clone C1

Qty 2

Number of Labels

💡 Prefer "Print via Bluetooth" or "Print via Cable" — they send the exact label size straight to the printer, avoiding blank labels or misaligned prints from your OS print dialog.

Actual "Print Label" screen, on a phone

One customer record - your team's view and theirs



Customer Management (staff-side)

One customer record, used everywhere a customer needs selecting - Laboratory Testing, Orders, Shipping, and Invoicing all reference the same profile, so contact details and history never drift apart between modules.



Customer Portal (their side)

Each customer logs into their own view of that same record - My Orders, Submission History, and Invoices - with no risk of ever seeing another customer's data, and no phone call needed for a status update.

Reporting, accountability, and access — built in



Reports

A set of report views for pulling lab-wide numbers without exporting to a spreadsheet first.



Audit Trail

Every edit, close, or reopen is logged with who did it and when - a real record if a number ever needs explaining.



Role-based access

Staff only see and do what their role allows; admins get the full picture, technicians get their stage.

What one login covers

27

connected modules - from Assortment to Invoicing

6

production stages tracked automatically, seed to dispatch

100%

of dispatches traceable back to a mother plant, by phone scan or search

1

login for admins, technicians, and customers alike

Four packages, built around how your lab grows

From a standalone testing service to a full multi-site production and shipping operation

TESTING

Starter 1

For small labs offering testing & diagnostic services only, or just getting started.

Users: Up to 3

Support: Standard

PRODUCTION

Starter 2

For small production-only labs running multiplication without diagnostic testing.

Users: Up to 5

Support: Standard

MOST POPULAR

Professional

For growing & commercial labs running full tissue culture production, testing, shipping and invoicing.

Users: Up to 15

Support: Priority

MULTI-SITE

Enterprise

For large & multi-site operations needing multiple labs, custom workflows or integrations.

Users: Custom

Support: Dedicated

All packages include secure cloud hosting, daily backups, and automatic updates. Contact us for pricing tailored to your lab’s size and needs.

What's included, package by package

Core system is in every package - each tier up adds the module groups your lab needs as it grows

Module Group	Starter 1	Starter 2	Professional	Enterprise
Core System (dashboard, roles, customers, consumables, audit trail)	✓	✓	✓	✓
Laboratory Testing (ELISA, PCR, Microscopy, results, invoicing)	✓	—	✓	✓
Tissue Culture Production Suite (mother plants → dispatch, protocol bank, traceability)	—	✓	✓	✓
Sales & Fulfilment (shipping documents, customer portal, reports)	Basic	Partial	Full	Full
Scale & Integration (multi-site, custom workflows, dedicated support)	—	—	Add-on	✓

Full module-by-module breakdown available on request.

Getting started

Four steps from a fresh login to a shipped order





Plan it. Grow it. Track it. Ship it.

One system for the whole tissue-culture lab — from the first mother plant to the last invoice.

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Scan to visit