Delivering consistent produce quality with Fresh✓ INTEL

What is *Fresh Intel*?

A solution that predicts fresh produce shelf life and guides smart logistics to improve operational efficiencies, reduce waste and deliver more consistent product quality.

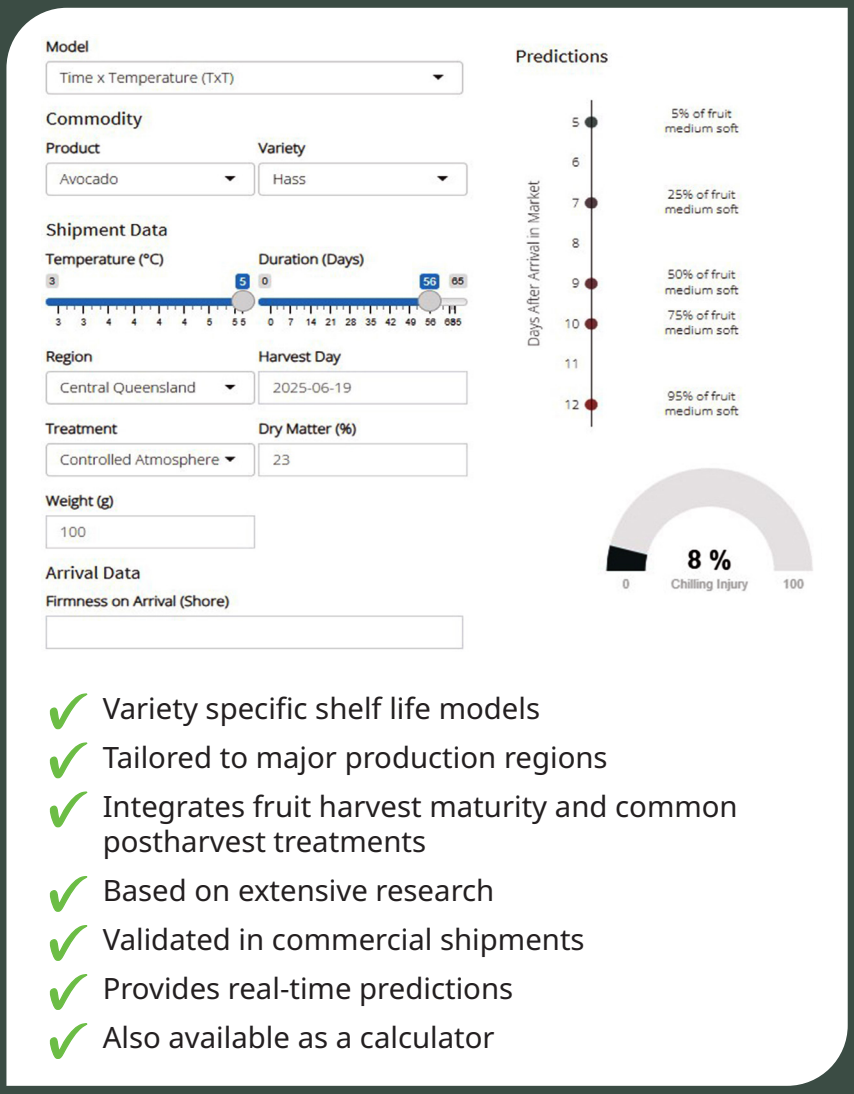
How does it work?

Fresh Intel links to consignment tracking technology to monitor product freshness. Predictive analytics combines shelf life modelling, fruit quality and supply chain handling data to inform storage and distribution decisions that support 'first-expired, first-out' inventory management.

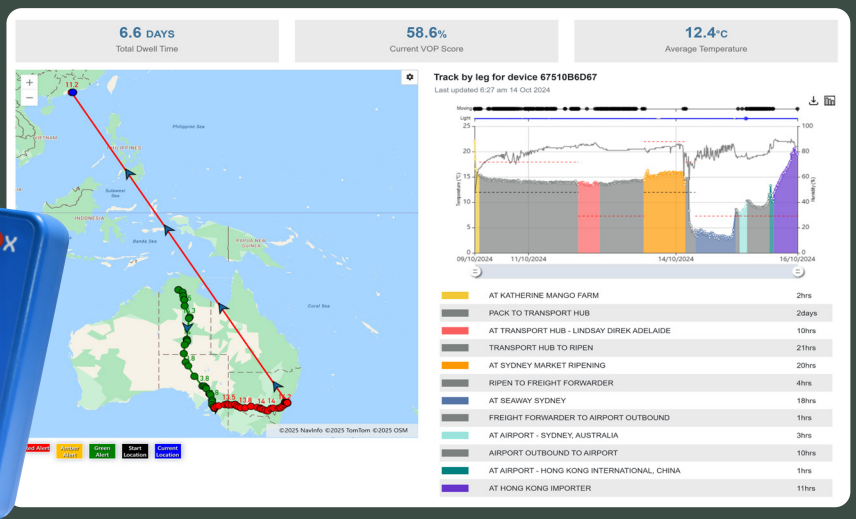
Fresh Intel is available for selected varieties of avocados, mangoes, nectarines and plums.

How to access?

We are partnering with ***Escavox*** to deliver a real-time shelf life prediction solution.



- ✓ Variety specific shelf life models
- ✓ Tailored to major production regions
- ✓ Integrates fruit harvest maturity and common postharvest treatments
- ✓ Based on extensive research
- ✓ Validated in commercial shipments
- ✓ Provides real-time predictions
- ✓ Also available as a calculator





escavox
QUALITY PRODUCE HAS A VOICE

Department of Primary Industries

DELIVERING FOR QUEENSLAND

Queensland Government

What FreshCheck INTEL offers

Avocado

- Models available for ‘Hass’ and ‘Shepard’
- Average prediction error within ± 4 days
- Inputs include fruit maturity, harvest time and controlled atmosphere storage
- Predicts chilling injury risk
- Trained on >20,000 fruit over 3 years
- Validated in 34 commercial supply chains



Mango

- Models for ‘Honey Gold’, ‘R2E2’ and ‘Kensington Pride’ varieties
- Average prediction error within ± 3 days
- Options for ethylene, VHT and irradiation
- Trained on >14,000 fruit from 27 lab trials
- Validated in 105 commercial supply chains



Nectarine and Plum

- Models available for seven leading varieties
- Average prediction error within ± 1–3 days
- Option to predict internal disorder risk, firmness and soluble solids content
- Trained on >11,000 fruit over 7 years
- Validated in air and seafreight consignments



Who’s behind the technology?

We are a team of supply chain management and technology specialists who work with fresh produce industries to deliver innovative solutions for improving product quality.

Further information

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Serviced Supply Chains II

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Hort Innovation Frontiers · Queensland Government · Victoria State Government, Energy, Environment and Climate Action · Northern Territory Government · Department of Primary Industries and Regional Development, Government of Western Australia · Piñata Farms · Summerfruit Australia · Hort Innovation Avocado Fund · Strawberry Fund