

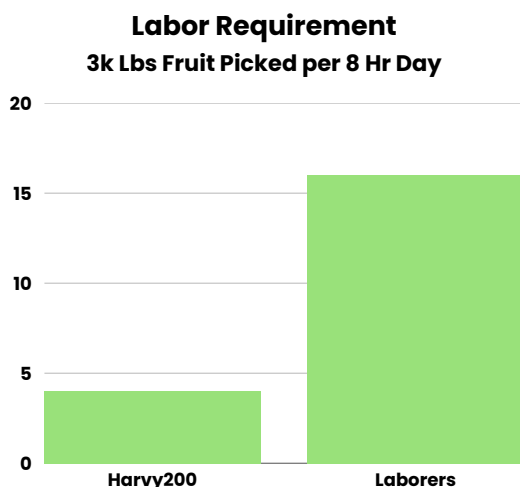
Maximizing Harvest Efficiency And Fruit Quality

Field Readiness Guide

*Setup Procedures and
Key Success Criteria*

LABOR INDEPENDENCE

The Harvy200 bridges the gap between manual labor supply and costs and industrial-sized mechanical harvesters.



HARVEST EFFICIENCY

Compared to traditional handpicking, the Harvy200 offers significant advantages in harvest efficiency and labor effectiveness.

Feature	Harvy200	Manual Labor
Speed	High/Continuous	Slow/Inconsistent
Ground Loss	<5% Patented Brushes & Soft-Catch Sheet	3% – 7% Depends on Crew Effectiveness
Physical Strain	Low	High
Scalability	Easy Low investment cost	Hard Labor shortage / cost

Field Readiness Guide

HARVY200 SET-UP

Instructions to Optimize Performance

Build Your Team

- 4 Pickers: 2 pickers on each side of Harvy200
- Captain: Designate 1 team captain per Harvy200. The Captain manages the navigation, speed of harvest, and crate exchange.

Pay Recommendation:

Pickers are paid by the hour vs by weight.
Build your team for efficiency and maximum yields.

Pick for Quality

A major advantage of the Harvy200 is its patented under-carriage collection system, which catches nearly all detached berries, often reducing ground loss to below 5%, which is less than the typical loss associated with manual labor.

- Patented Brush System: Unique pincer-movement brushes that "seal" around the base of the bush.
- Catch Sheets: Specialized soft-landing sheets that absorb the energy of falling berries.
- Reduced Drop Height: Positioning of collection crates minimizes impact force, reducing internal bruising.

Picking Recommendations:

Pick quality fruit according to varietal maturity stages.

Collect Smartly

Full and empty crates are switched easily from the platforms to allow workers to spend less time carrying buckets and more time on harvesting quality fruit.

- 20 empty crates can be stacked on the Harvy200 on the platforms; 1 crate is placed under each catch sheet opening (2 per side).
- An average of 15-16 crates can be filled from a 500 ft long row.

Debris Filtering Recommendation:

The Harvy200 does not include an integrated system to remove leaves, twigs, etc., before filling crate; further sorting is recommended.

DAILY CAPACITIES & YIELDS

Harvy200

Manual Labor



2-4 Pickers Team

16 Pickers Individual



3k lbs Yield/Dy

2k - 3k lbs Yield/Dy

The average weight picked per 8 hrs shift using the Harvy200 improves productivity by a factor of 4 to 5.

The average weight picked per 8 hrs shift by one manual picker is 200 lbs (depends on efficiency of each picker).



Quality Focused

Collection Focused

The Harvy200 features a smart under-carriage that collects fruit directly into crates, allowing workers to focus on picking quality fruit rather than carrying heavy buckets.

Handpicking is physically grueling, carrying heavy buckets while picking through rows.



>20 cents/lb Picking Cost

>80 cents/lb Picking Cost

Can be reduced down considerably.

Higher depending on varieties and labor costs.

