

CITRUS MECHANICAL HARVESTING CAN SAVE YOU MONEY!!

Mechanical Harvesting Criteria For Success

IFAS Researchers Are Working to Help You To:

Higher labor productivity — Lower net harvesting costs — Higher on-tree revenue

Little, if any, negative impact on tree health

UF/IFAS Mechanical Harvesting Program Elements

Abscission

- Enabling late season Valencia mechanical harvesting
- Develop management scenarios
- Screen alternate agents
- Support CMNP registration

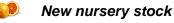
Grower Education

Conveying research

- Soliciting grower intentions
 - Integrating with processors

Grove Design

Retrofit (skirting)



Rootstock/variety combinations

Tree Health

- Effects of repeated CS tine damage
- Long-term effect of abscission usage

Economic Evaluation

- 🥦 System performance
- 🤵 Efficiency gains

Machine Enhancement/ Robotics

Catch-frame/recovery rate improvement
Development of on-board canker decontamination
Research of pick-up machines
Yield monitoring system