

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*



Tree Health

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



Grower Education

-  *Conveying research*
-  *Soliciting grower intentions*
-  *Integrating with processors*





Economic Evaluation

-  *System performance*
-  *Efficiency gains*

Grove Design

-  *Retrofit (skirting)*
-  *New nursery stock*
-  *Rootstock/variety combinations*

Machine Enhancement/ Robotics

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