

Mechanical Harvesting & Abscission Agent Field Day
University of Florida Institute of Food & Agricultural Sciences
Southwest Florida Research & Education Center
Immokalee, FL

Citrus Abscission Agent Development & Registration Update

April 22, 2009

AGENDA

- **Goals**
- **Objectives**
- **Candidate**
- **Consortium**
- **Milestones**
- **Experimental Use Permit**
- **Section 3 Commercialization**

GOALS

- **Develop & register an citrus abscission agent**
- **Improve harvesting efficiency**
- **Facilitate adoption of mechanical harvesting**
- **Reduce harvesting costs**

OBJECTIVES

- **Increase adoption & lower unit costs for mechanical harvesting**
- **Limit impact of mechanical harvesting on Valencia bloom & immature fruit**
- **Improve mechanical harvesting fruit removal & recovery**
- **Increase harvesting speed**
- **Reduce mechanical harvesting force**
- **Reduce impact and maintenance on mechanical harvesting equipment**
- **Reduce fruit & tree damage, maintain vigor**
- **Eliminate debris**

CANDIDATE

- **CMNP**
 - Excellent profile
 - Selective abscission agent for mature oranges
 - Non-phytotoxic

CONSORTIUM

- **FDOC**
 - Specific funding for abscission agent registration
 - CHRAC represents cross-section of industry
- **IFAS**
 - Abscission agent field development & use guidelines
- **AgroSource**
 - Abscission agent development & regulatory management
 - Exclusive abscission agent product commercialization
- **All parties investing significant \$s & resources**
- **Excellent working relationship**

MILESTONES

- FDOC-AgroSource Contract 12/2004
- AgroSource initiated development & registration program 01/2005
- Submission EUP/TT expected 2Q-3Q2009
 - EPA review 20 months = 1Q2011
- Submission Section 3 registration expected 3Q2010
 - EPA review 26 months = 3Q2012
- AgroSource is always working to improve timelines

Experimental Use Permit

- **25K Acres EUP requested**
 - Purpose to better understand abscission agent use pattern
 - Contractual commitment for mandatory
 - EUP reporting requirements
 - Training sessions
 - Stewardship
 - Collect product performance information
 - Product allocation
 - Mechanical harvesting equipment limitations
 - Manufacturing volume considerations
 - Equitable plan per FDOC, CHRAC, AgroSource

Section 3 Commercialization

- **Continue EUP stewardship activities**
- **Broadest possible abscission agent/mechanical harvesting adoption**
 - Use across varieties and development stages
 - Capture equipment efficiencies
 - Facilitate harvester/grower capital equipment decisions
 - Abscission agent volumes drive product cost

Visit the AgroSource Website:
www.agrosource.net

Thank You!