

Appendix Three – Sample Data Collection Information

Note: This document is intended only to serve as a guideline of potential data that will be collected during participation in CRAFT. This list may not be exhaustive, and not all items on the list will be required for all contracts. An online survey will be provided to all approved participants for project data collection.

Examples of Expected Data Collection by Participant Prior to Application

Reset Projects should have information on past block history, including:

- Original planting date of block;
- Scion (at original planting date);
- Rootstock (at original planting date);
- Original Tree Spacing/Density;
- Total tree count at original planning;
- Previous resets planted in the block;
- What is the average number of resets planted yearly in this block;
- Historical Management Practices:

Proposed Revitalization/Reset Program

- Scion:
- Rootstock:
- Number of resets to be planted:
- Site prep (push and burn, tree clipping):
- Planting Practices (i.e. fertigation, new or different microjet emitter, etc.)
- Changes to management practices for existing
- Young tree management plan (i.e. “tree defenders”, supplemental fertilizer)
- Will the planting density stay the same?

Examples of Expected Participant Data Collection for all Projects after Contract

- Allow CRAFT Auditor, FDACS employees, CRAFT-contracted drone operators, and other CRAFT-contracted data collection partners on your property to determine compliance and collect CRAFT data.
- Be responsive! DATA EXPECTED TO BE COLLECTED BY PARTICIPANT WITH SUPPORTING RECORDS. Payments are conditioned upon submission of data.

1. Annual: specific production costs (documentable) of selected test factors by subplot.

Table 2. Estimated Start Date: _____ through _____
 (@12th month)

	Trees per acre
<i>Item</i>	<i>Dollars per Acre</i>
Land Preparation ¹	
Solid-set Planting Costs ²	
Fertilization materials ³	
Fertilization application ³	
Weed management	
Foliar Sprays – Insecticides	
Foliar Sprays – Fungicides	
Foliar Sprays – Nutritionals	
Foliar Sprays – Bactericides	
Foliar Sprays Application Costs	
Neonicotinoids Psyllid Mgmt.	
Irrigation and Frost Protection	
Sprouting/Pruning	
Tree Removal	
Equipment Operation	
Trees and Tree Replacement and Care	
Other Costs ⁴	
Total Variable Costs	

¹ Includes disking and/or rotovating site; forming roads, drainage system, and raising beds

² Includes cost per tree; planting and first watering; strawing tree planting site; sprout & herbicide guard

³ Includes dry and liquid fertilizer

⁴Includes chemical handling and grove care supervision; scouting for pests and diseases; machinery and equipment repairs; interest on operating (cultural) cost

2. All Participants should expect to file surveys that are due every 90-days after planting, beginning upon completion of tree planting. Each survey will request the applicable following information:

a. Fertilizer Applications:

- Date applied
- Application Method (dry, fertigation, foliar)
- Product name
- Analysis/formula and “derived from” statement on label
- Formulation for foliar products if applicable
- % Slow Release for dry products if applicable
- Other additives if applicable
- Product name, rate and date applied for any biostimulants or other additives
- Product name/description, rate and date applied for any soil amendments (probiotics/organics/clays/etc.)

b. Irrigation Activities:

- Irrigation practices relevant to each 90-day period
- Delivery type
- Water source
- Frequency of irrigation
- Amount of water applied per irrigation event
- Results of water quality analysis if conducted during 90-day period
- Any H₂O treatments made

c. Insect/Mite/Nematode Management Activities:

- Pesticide applications
 - Date applied
 - Application method (foliar, aerial, low-volume, soil drench)
 - Product name
 - Rate of product per acre
 - Total spray volume per acre
 - Intended target pest(s)
 - Additional products included in tank with pesticide (including adjuvants, other insecticides, miticides, bactericides, foliar nutritionals, etc.) including product name, rate and purpose

3. Asian Citrus Psyllid Control:

- Any other control methods for ACP including individual protective tree covers, metalized reflective mulch, traps, screen, or other
4. **Citrus Disease Management Activities:**
- HLB scouting
 - Did you visually scout for HLB this quarter?
 - If yes, what percentage of trees showed HLB symptoms
 - If no, provide last date of HLB scouting and percentage of trees showing symptoms at that time
5. **General Grove Condition:**
- Variety/rootstock; seedling or budded
 - Block size
 - Plant health
 - Did any trees die from HLB or other causes within this 90-day period?
 - If yes, number of trees dead or removed
 - If trees lost, do you plant to reset in the coming 12 months?
6. **Harvesting Activities by subplot (when applicable)**
- Select pick (number of times and dates) or once over (date)
 - Number of boxes per acre by subplot supported by trip tickets marked with CRAFT ID
 - LBS Solid per acre
 - Brix/acid
 - Estimated amount of fruit lost to preharvest fruit drop
 - Intended market for fruit when produced (processing, fresh, export, organic)