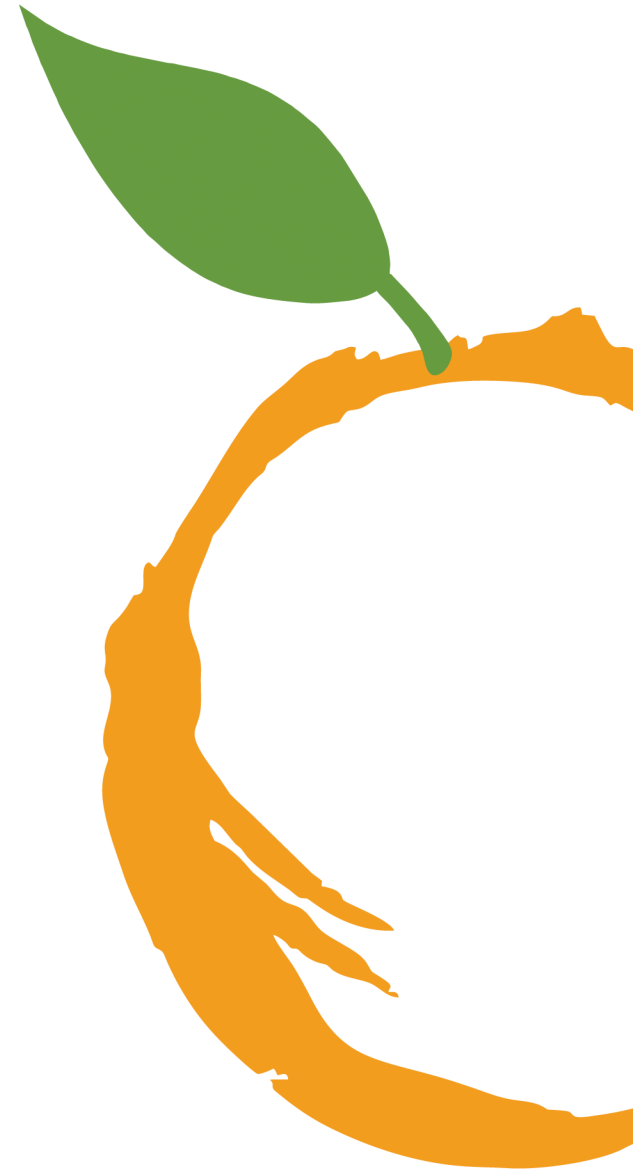


CRAFT Cycle V

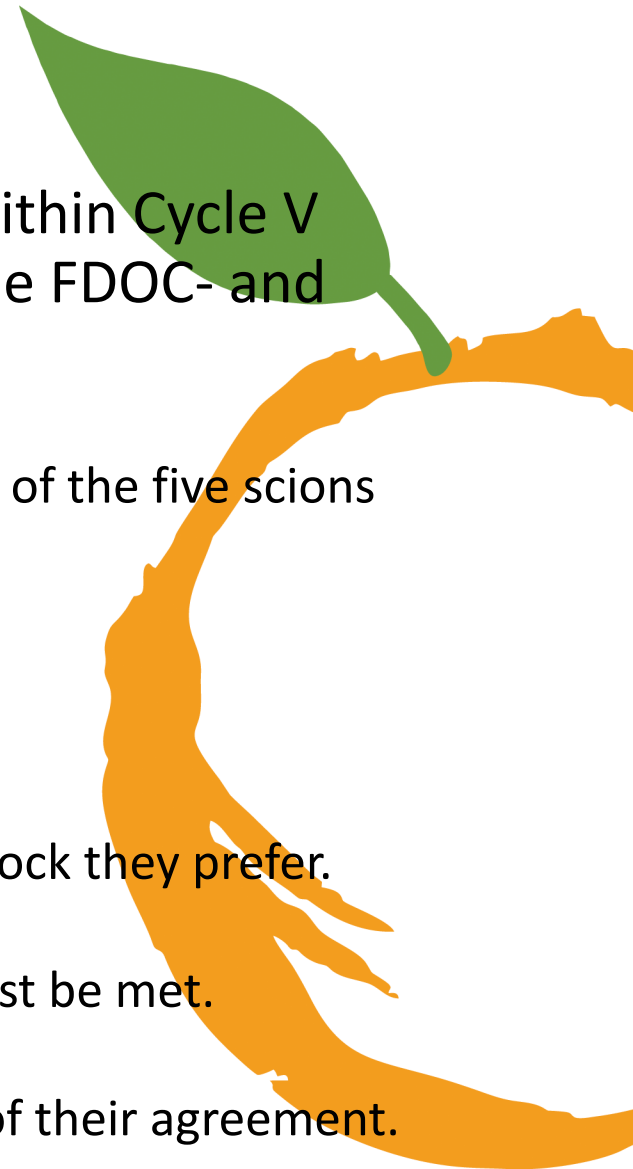
Factors of Interest



Solid Set Plantings featuring Expedited Propagation Material

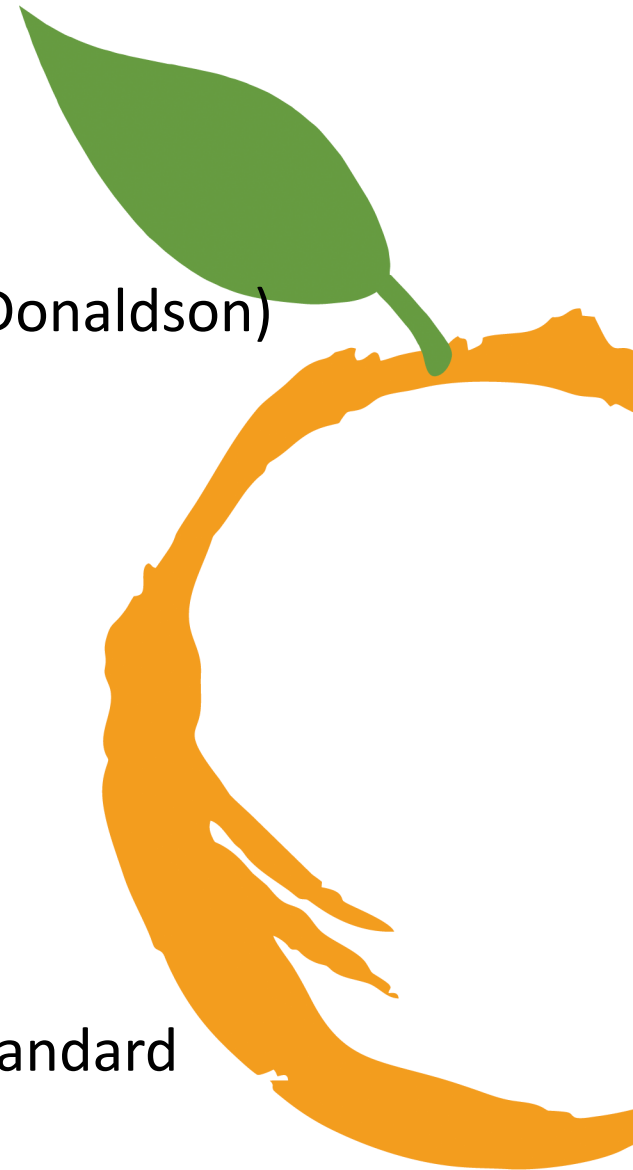
The CRAFT Board of Directors has approved a carve-out program within Cycle V that will focus on solid-set plantings of scions released as part of the FDOC- and FDACS-funded Program for Expedited Propagation (PEP).

- Solid-Set PEP projects must be between 20-50 acres and must include four (4) of the five scions included in PEP as well as one standard Hamlin variety to serve as a control.
 - Scions included in PEP are: Parson Brown, Carney 2, Carney 3, Roble, Donaldson
- Growers must plant **equal** acreage of each of the five (5) scions selected.
- All five scions must be on the same rootstock. Growers may choose the rootstock they prefer.
- All other requirements within the CRAFT program will remain in place and must be met.
- Growers will receive a participation payment of **\$8,000/acre** over the course of their agreement.



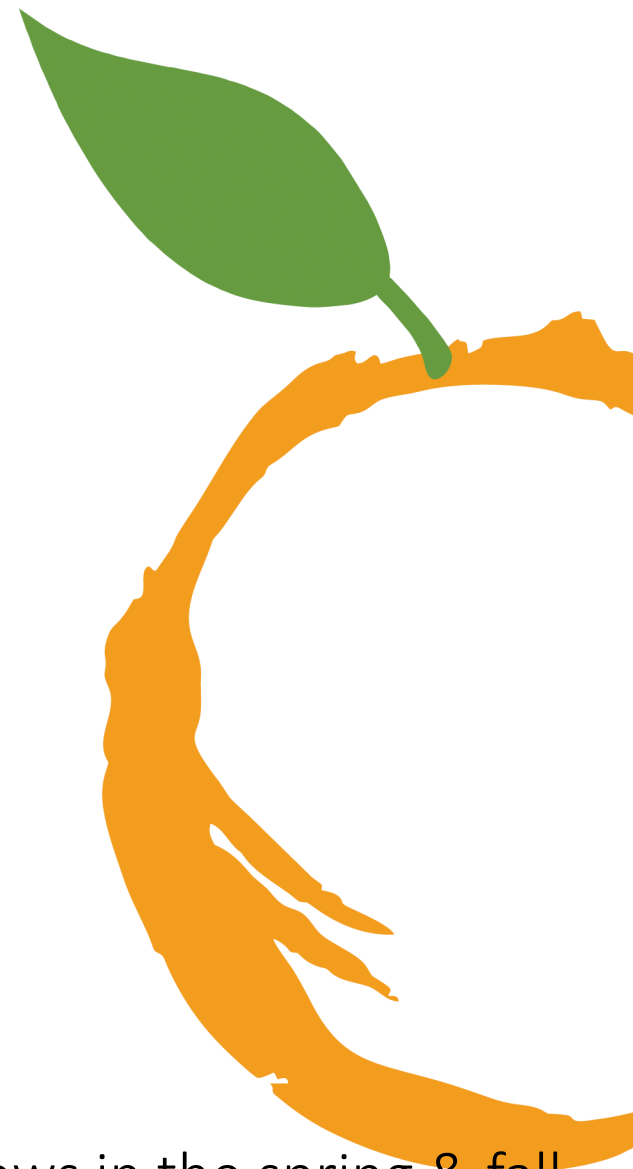
Cycle V Factors of Interest ROOTSTOCK/SCION

- Early oranges (Carney 2 and 3, any Hamlin clone, PB F 56-2, Roble and Donaldson)
 - Rootstock or scion trials
- Mid-Season (Vernia, Valquarius, Midsweet, Pineapple)
 - Rootstock or scion trials
- Late Season
 - Any released OLL vs industry standard late oranges
 - Rootstock trials
- Orange Like Hybrids (1859, 6-2-55, others)
 - Pending budwood availability
 - Standard scion comparison to a round orange of similar maturity
- Rootstock trials with any scion using the new SS4 and SS5 vs industry standard rootstocks.



Cycle V Factors of Interest Nutrition

- *Cover Crops with compost to increase seed bed establishment
- Eco-mowing with and w/out Sesbania cover crop
- N-fixing Cover crops combined with reduced fertilizer rates of N
- Liquid Biochar applications via micro sprinkler irrigation
- Comparison of fertilizer formulations with and w/out Phosphorus
- Sunn hemp planted between rows to control Sting nematode

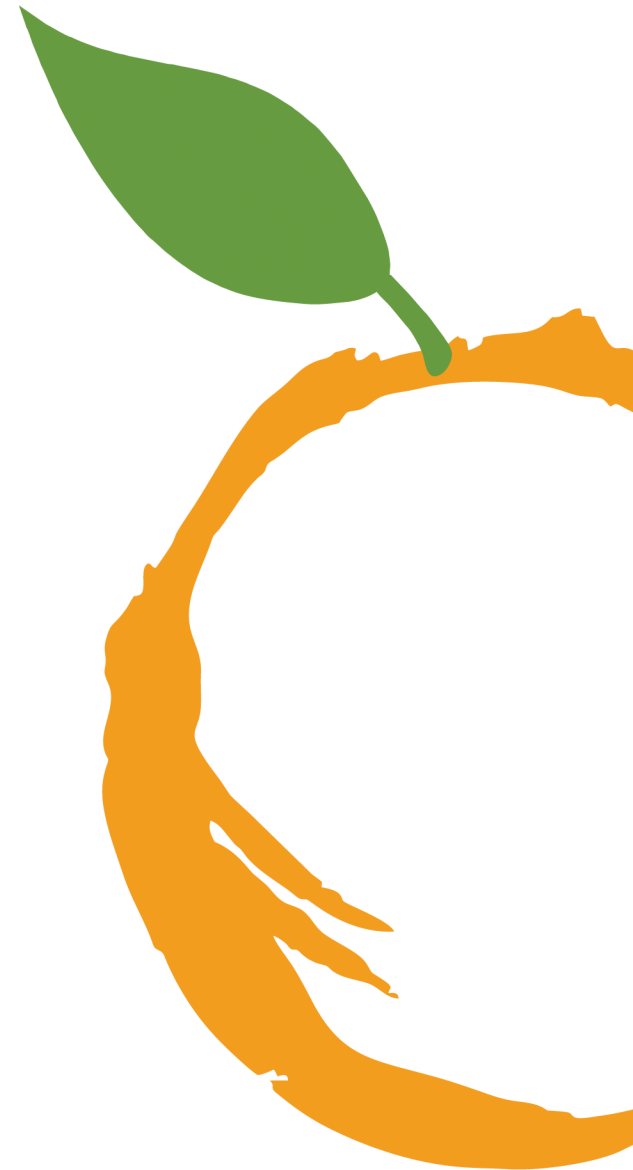


*Cover crops are mixes of grasses, legumes & crucifers planted between rows in the spring & fall

Cycle V Factors of Interest

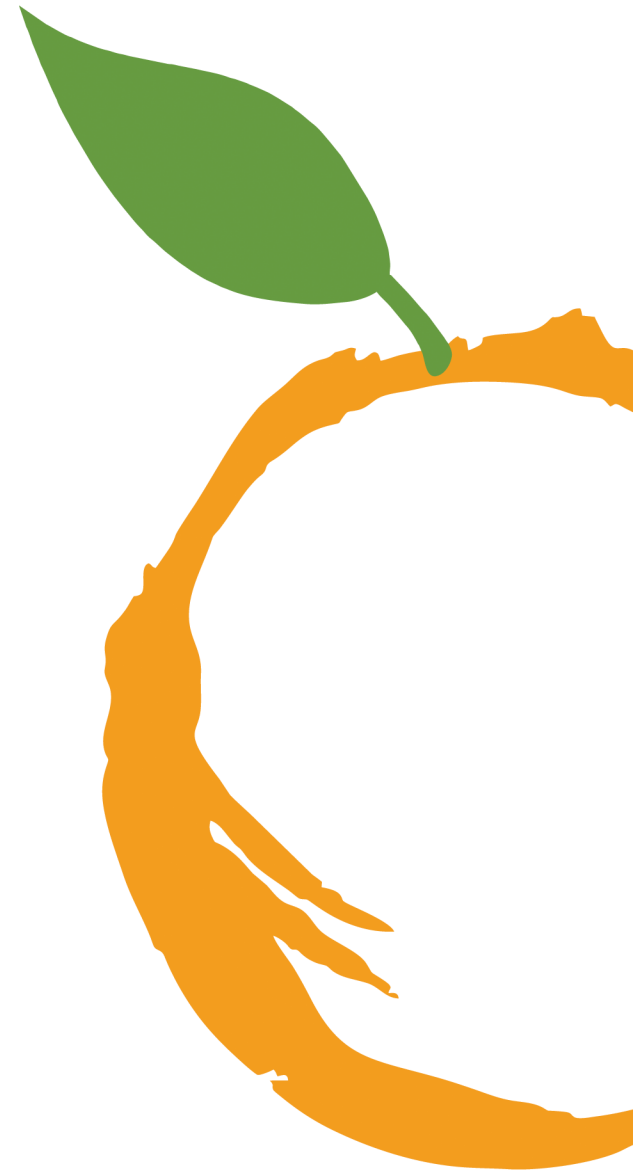
Pest Management

- Oxytetracycline (OTC) rotation partners or alternatives
- IPC removal and OTC injection timing
- OTC injection and secondary pathogen suppression
- OTC injection and ACP management options
- OTC injection and Plant Defense Inducer integrations
- OTC application improvements
- OTC mixing partners to manage ACP or other diseases



Cycle V Factors of Interest Biostimulants

- Biostimulant treatments featuring direct systemic injection of antimicrobials PLUS a grower-selected biostimulant.



Cycle V Factors of Interest

Resets

- Different fertilizer comparisons in IPC/no IPC trees.
- Grove rejuvenation in injection-treated plantings, focusing on presence of blight, removal of trees, resetting with IPC followed by brassinosteroid or gibberellic acid treatments after IPC removal.
- After IPC removal in a reset grove, split brassinosteroid treatment:
 - Monthly in young trees for HLB protection
 - Once in fruit-bearing trees for fruit maturation improvement (November for Hamlin, February for Valencia).

