

Citrus Variety Update

Georgia Citrus Association, February 2019

**New Varieties Development & Management Corp.
(NVDMC)**



What is NVDMC?

- Not for Profit – formed 2005
- Currently funded through Leg appropriation
- 1 member board appointed by industry organizations
- Provides strategic and financial support of variety development (USDA-ARS, UF IFAS)
- Serves as licensing entity on behalf of industry

Commercial Proprietary Specialty

Through NVDMC

**Agreement/Contract
and Royalty Apply**

Tango

- A UCR Developed low seeded W-Murcott (.2-.7/fruit)
- Mid/Late Dec – Feb.
- Easy peel
- Peel color should be no issue
- Agreement and Royalty apply



US Early Pride

- A USDA-ARS Developed low seeded Fallglo
- 0-4 seeds. Avg 1-2
- Extensively planted in FL
- Approx. Nov Maturity
- Semi-easy peeler
- Peel color should be no issue
- Agreement and Royalty apply



3 year old US Early Pride



Fallglo-like dieback has been experienced with US Early Pride

Sugar Belle®

- UF Variety
- HLB Tolerant
- Clem x Minneola
- High Brix and good acid balance
- Robust flavor
- Red orange peel
- December-Jan?
- Isolation or away from problem pollen (1.2-3)



Sugar Belle trees



Roe Tangerine

- Private Variety
- Second yr. of packing
- Very productive with Orlando intersset/pollen
- Dec/Jan
- Easy peel
- Traditional Tangerine flavor



Gold Nugget

- UCR Variety
- January – March?
- Easy peel
- More peel oil than std tangerine
- Some thorns
- Seedless
- Great flavor
- Sensitive to some rootstocks






Coming Soon

For Trial



USDA-ARS Tangerine

- No photo – due to patent process
 - Easy Peeler
 - High internal and external color
 - Low Seeded
 - Excellent flavor
 - Mid Dec – February
 - Offered for trial and potential later commercial
 - Small quantities of trees will be budded in spring.
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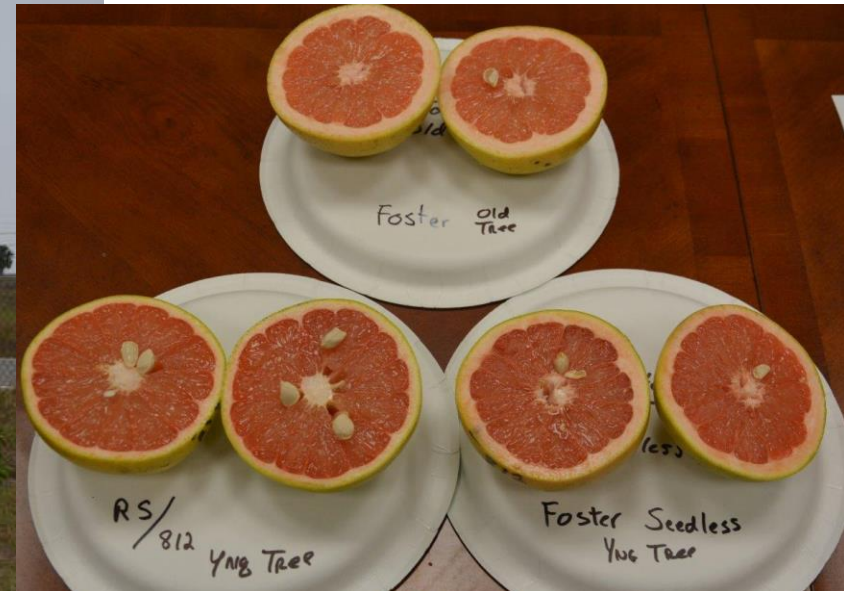
Varieties that may be of interest
No contract or royalty

Low acid, low bitterness, low seeded US HoneyCoat

At peak for flavor in October-November

Earlier harvest may reduce tree stress and possibly reduce drop

Taste is excellent in November.



Ruby Red vs. Foster Seedless

Low Seeded Ortanique

- Late Season low seeded mandarin
- Developed by USDA ARS
- Original seedy version was from Jamaica. Thought to be a tangor
- Not an easy peeler but good flavor.
Large size



Thoro Low Seeded Temple/Royal

- Low seeded variant of the Temple
- Bred in Miami
- Seems to require Gibberellic Acid to set
- Jan/Feb
- Thought to be less cold tolerant, but there are Temples in GA.



Minneola/Honeybell

- Old time favorite for roadside stands and gift fruit
- Seedless and good flavor.
- Does well with HLB
- January



Pixie

- Seedless Easy Peel
- California Variety
- Grown in Ojai
- Small fruit
- Good flavor
- Planted in FL,
viability not yet
known



Low Seeded Kishu

- Very small fruit
- Japanese
- Easy peel
- FL – October-Nov
- Must clip
- Mild sweet flavor
- Color will be better in GA



FAST TRACK Selections in Tier III

**Availability is not certain
Discussion are underway on how to make these
available**

**There may be a 3 year delay between first sale in FL and
availability in GA**

**Florida Program to move promising, yet experimental
material to field. Very little experience with any of these
are this time.**

Suite I - 950

- December
- Easy peeler
- Seedless
- Good color, flavor
- Clementine Size
- Tree is vigorous, we need to learn how to crop it.



UF 914

- Red flesh color
- Attractive peel blush
- Grapefruit size (+)
- Grapefruit flavor and aroma
- Tender and juicy flesh
- Very low in FC's
- Seedless
- Good brix, lower acid
- Slightly thicker peel than grapefruit



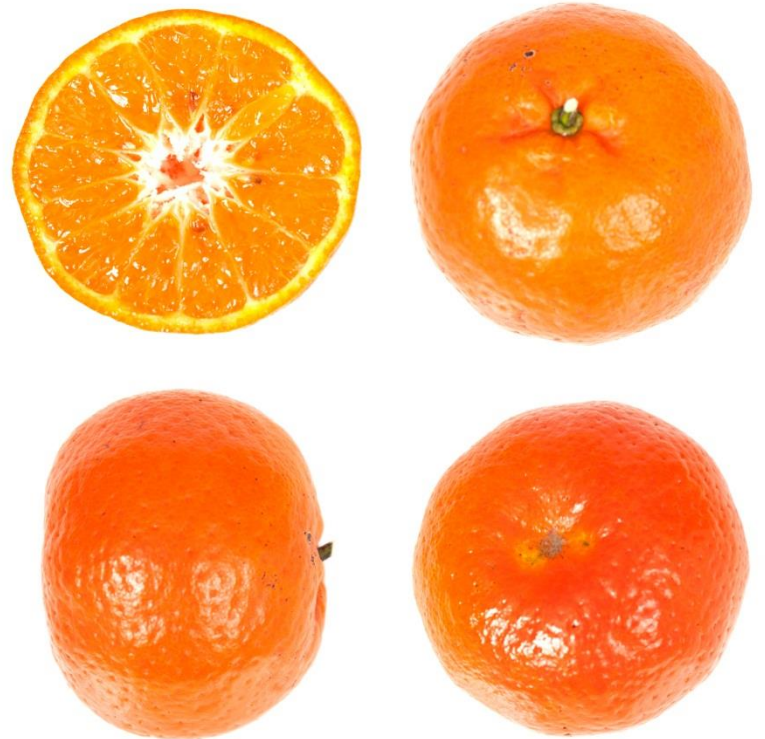
RBB 7-34

- Photo on left – Glenn
- Right – RBB 7-34
- Mandarin/Orange hybrid
- High brix, good color
- Holds acid better than navel
- Most fruit have a navel
- Color of a Mediterranean navel



BINGO

- October Maturity
- Easy peel
- Seedless
- Good color, flavor
- About 150k trees planted
- Clementine size but tangerine shape
- Some die-back



‘UF Glow’

- October Maturity
- Easy peel
- Heavy cropper
- Mild Satsuma-like flavor
- Bred to be cold tolerant
- Trees seem to do well with HLB so far



Marathon – Not yet Licensed

- Sept – January
- Easy peel
- Orange-Yellow peel
- Seedless
- Good brix, flavor
- Murcott Shape

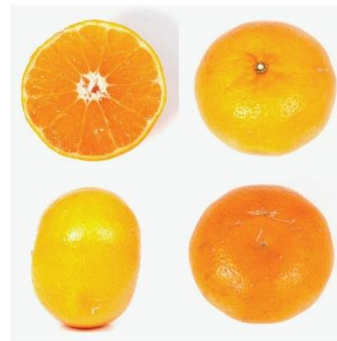


Photo courtesy of Tyler Jones, UF/IFAS Communications



Photo courtesy of J.G. Gmitter Jr.



New Varieties Development
NVDMC
& Management Corporation



Thank you