

# University of Georgia Muscadine Evaluation



**Dr. Patrick Conner**



# Methods

- Planted in 1999
- Evaluated in 2003-2005
- Commercial muscadine care
- Irrigated – 4 gal./day
- Spur pruned



# Fry

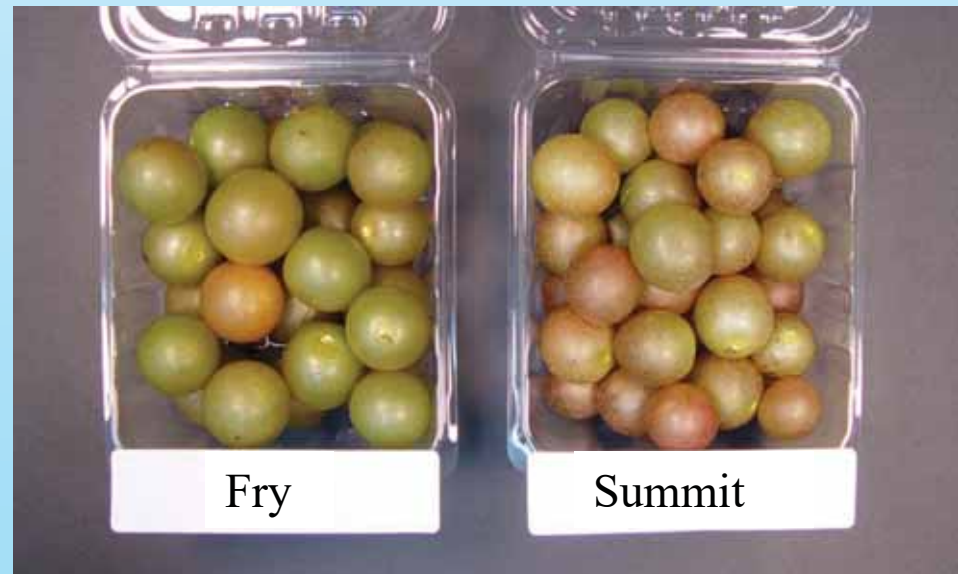
- Female
- Yield is moderate, averages 50% full crop
- Good flavor before fully ripe.
- 50 % dry scar
- Ripe rot of berries can be a problem





# Summit

- Female
- Good productivity, averaged 80% full crop
- Pinkish color
- Superior disease resistance and yield to 'Fry'
- Early midseason cultivar, 1 week before 'Fry'
- 75% dry scar
- Macrophoma berry rot may be a problem



# Early Fry

- Female
- Averaged 70% full crop
- Similar to 'Fry' but less attractive
- Very early harvest
- Overall good variety



# Sweet Jenny

- Female
- Variable yield (2005 – 30%, 2004 – 90%)
- 30% dry scar
- Attractive, good flavor
- Looks pretty good but we need more data





# Tara

- Self-fertile
- Yield is good, averaged 90% full crop.
- 90% dry scar
- Early midseason harvest, 1 week before 'Fry'
- Good pollinator
- Can have an off flavor



# Triumph

- Self-fertile
- Good productivity, 100% full crop
- Red color
- Berry shells off vine easily
- Early mid-season harvest
- Berry rot problems





# Pam

- Female
- Yield is good, averages 75% full crop
- Large and attractive
- Berries are slightly squishy
- Too uneven in ripening
- Hard to eat, splits away from scar when you bite it



# Darlene

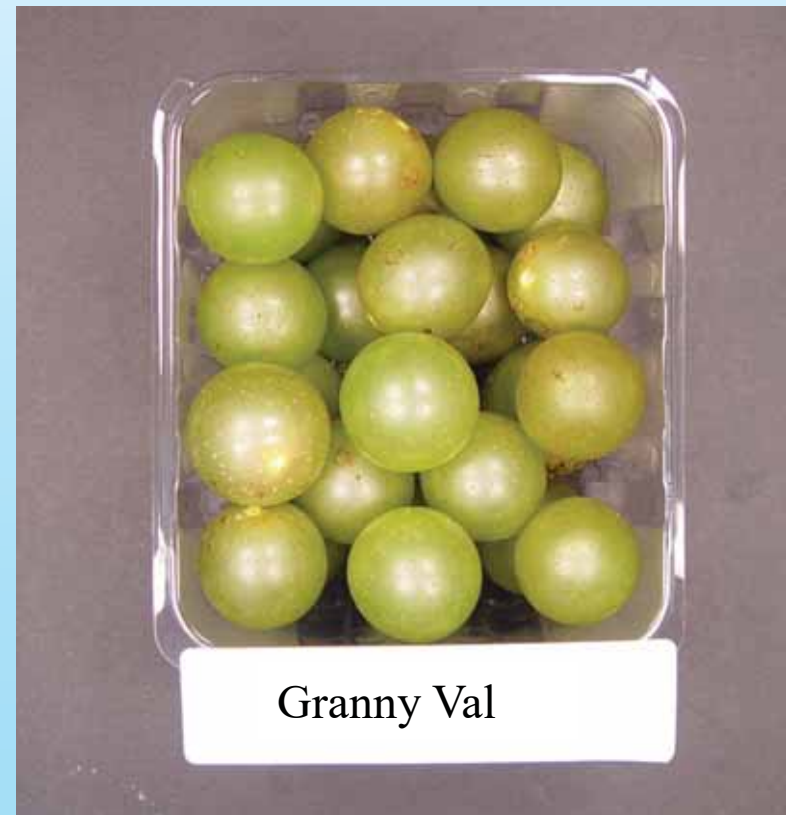
- Female
- **Low productivity**, averaged 40% full crop
- Very large berry
- A lot of size variation among berries
- Reddish bronze color
- Tends to be squishy when ripe
- Good flavor, very sweet





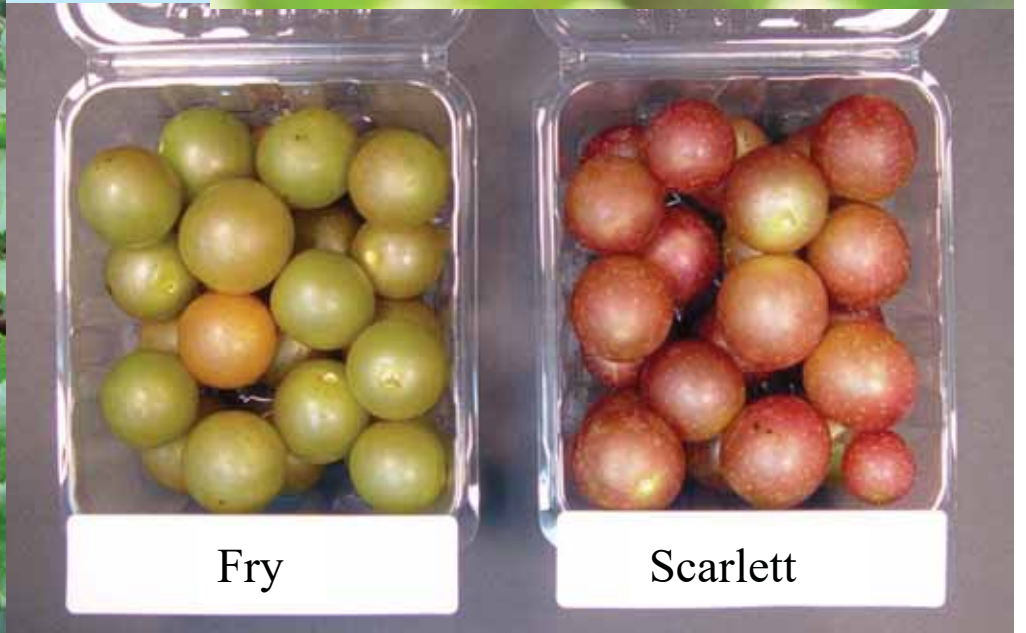
# Granny Val

- Self-fertile
- Averaged 100% full crop
- Very late harvest date
- Needs to be fully ripe to be sweet
- Berry russet is a problem
- **Cold injury in mid and north Ga.; Botryosphaeria die back all locations.**



# Scarlett

- Female
- **Yield is too low**, averaged 35% full crop
- Cap stick problems
- Good flavor
- Red color
- Dry scar





# Supreme

- Female
- Good productivity, averaged 90% full crop
- Largest berry size
- Crisp skin and very firm pulp
- **Best of the purple types for fresh fruit**
- Mid to late season harvest
- **Susceptible to Botryosphaeria if overcropped.**



# Nesbitt

- Self-fertile
- Good productivity, averaged 100% full crop
- Good disease resistance
- **Uneven ripening**
- Dry scar
- Mid to late harvest season
- **Good U-pick or home vine**





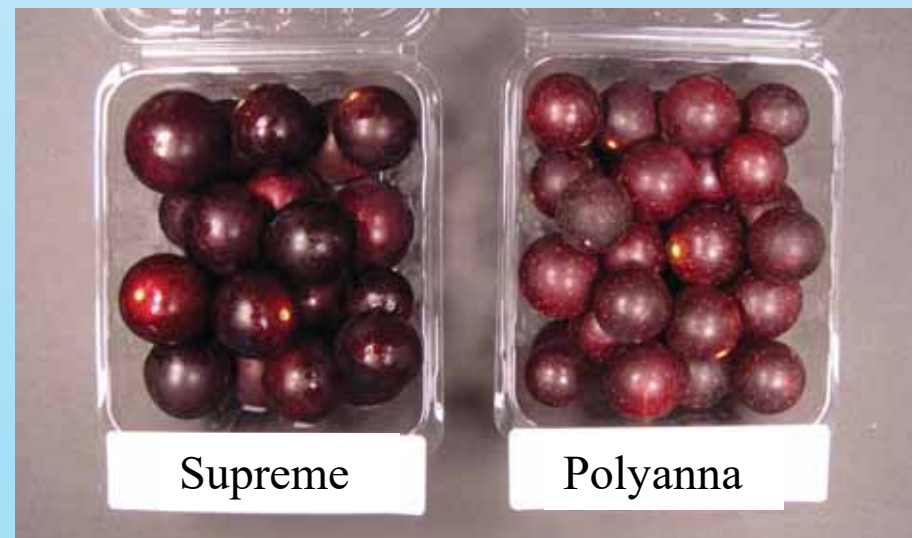
# Alachua

- Self-fertile
- Good productivity, averaged 100% full crop
- Only medium size
- Tough skin
- Hard seed cavity
- Uneven ripening
- **Quality not good enough for fresh market**



# Polyanna

- Self-fertile
- Good productivity, averaged 80% full crop
- **Excellent disease resistance**
- Dry scar
- **Uneven ripening**
- Mid to late season harvest





# Loomis

- Female
- **Low productivity, averaged 25% full crop**
- Great flavor
- Interesting color
- Very late harvest date

