

Horticultural and Chemical Practices Influencing Fruit Quality with Reliance and Swenson Red Table Grape Cultivars

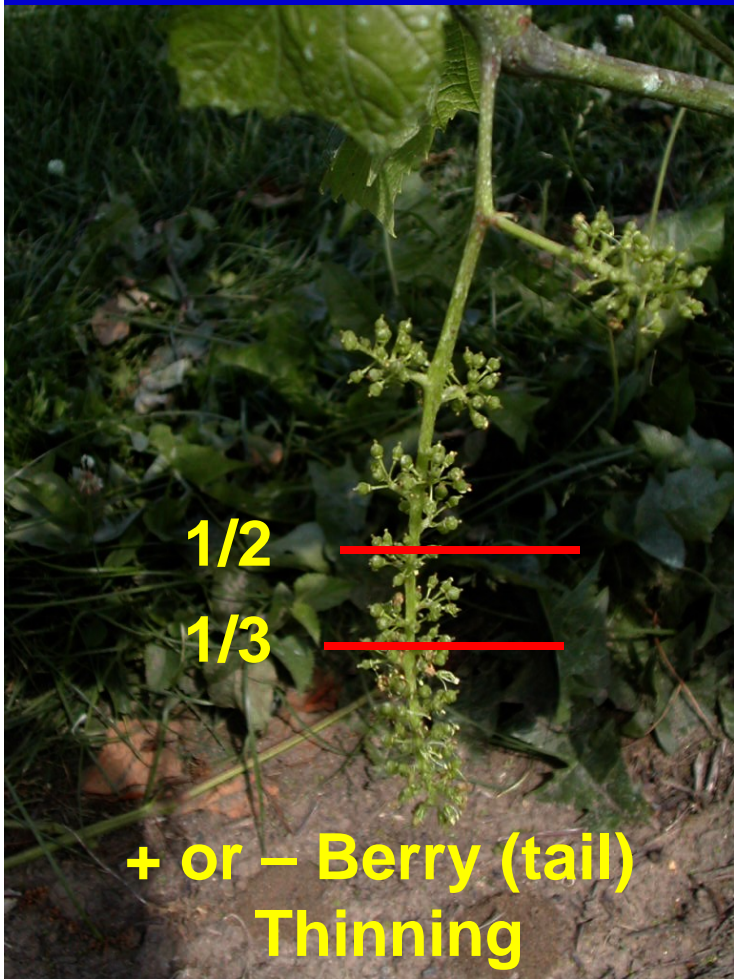
By
Jill Crozier
Grad Student

Dept. of Horticulture
Iowa State University



'Swenson Red'

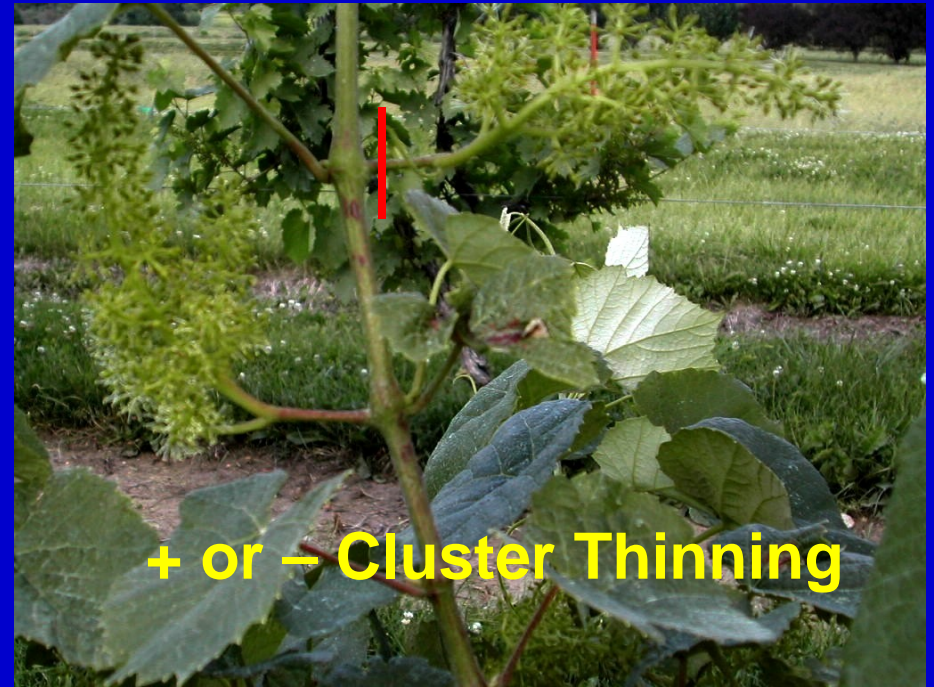
Swenson Red Treatments



Reliance Treatments



+ or - Berry (tail)
Thinning

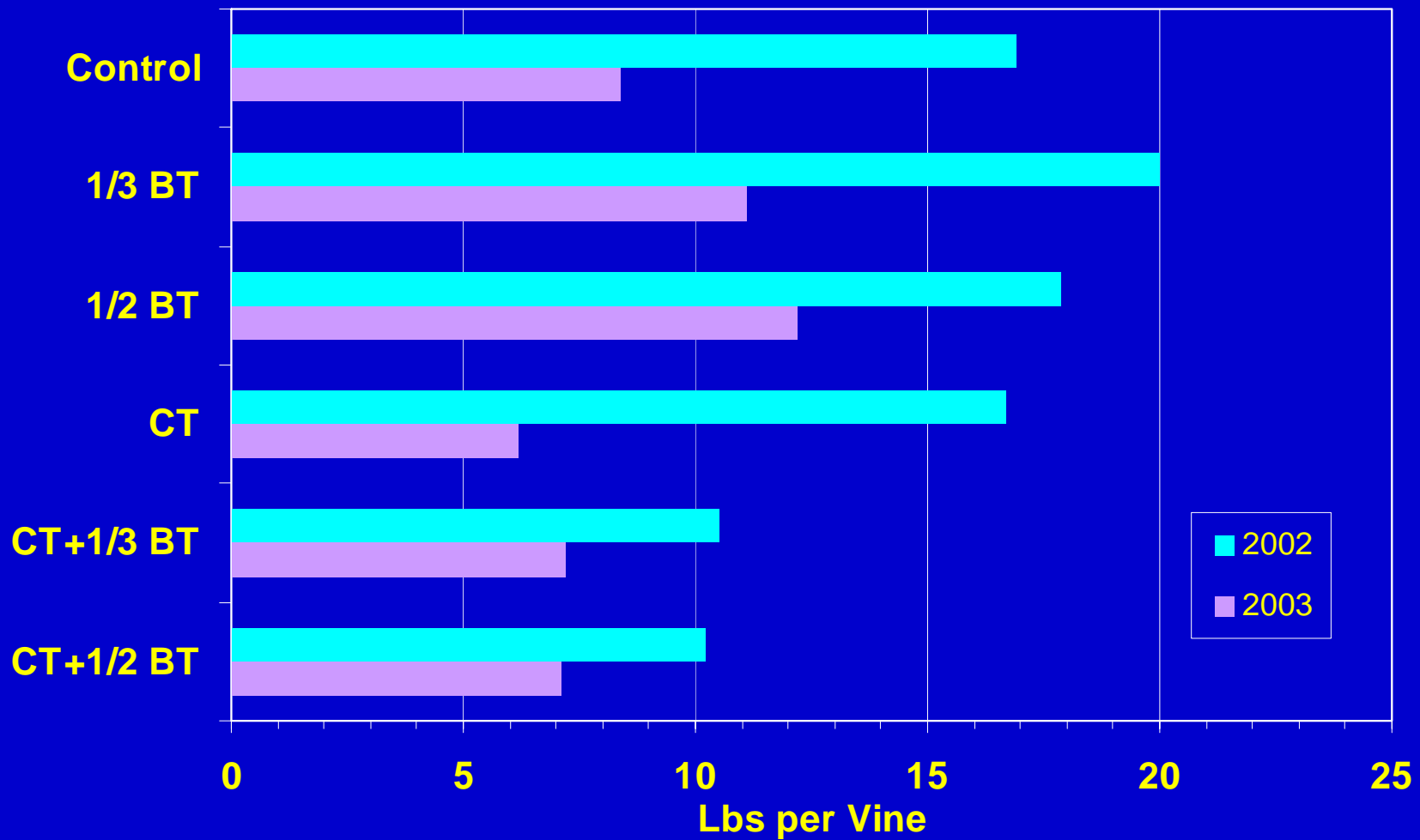


+ or - Cluster Thinning

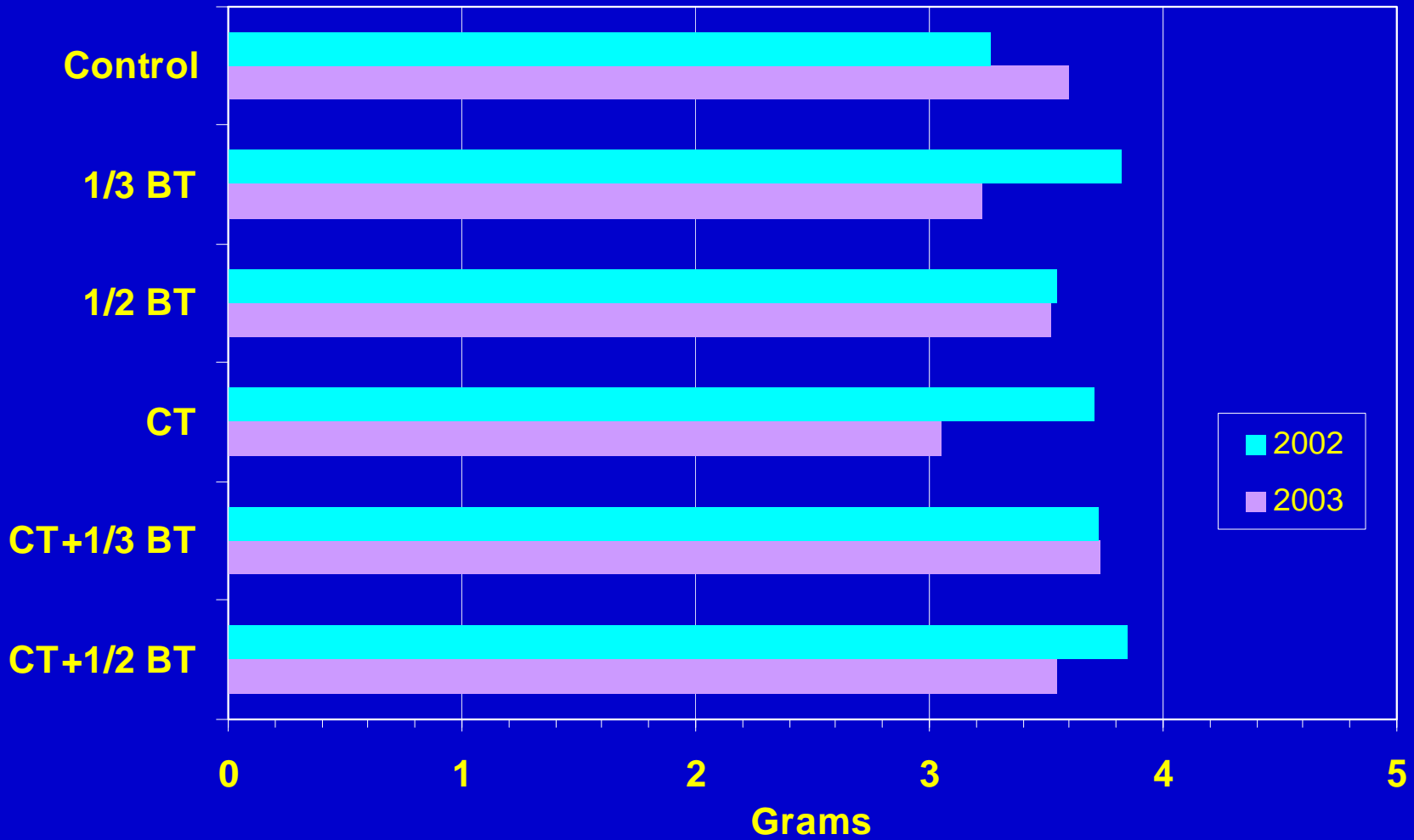


+ or - 50 ppm GA

Swenson Red Yield per Vine



Swenson Red Berry Weight

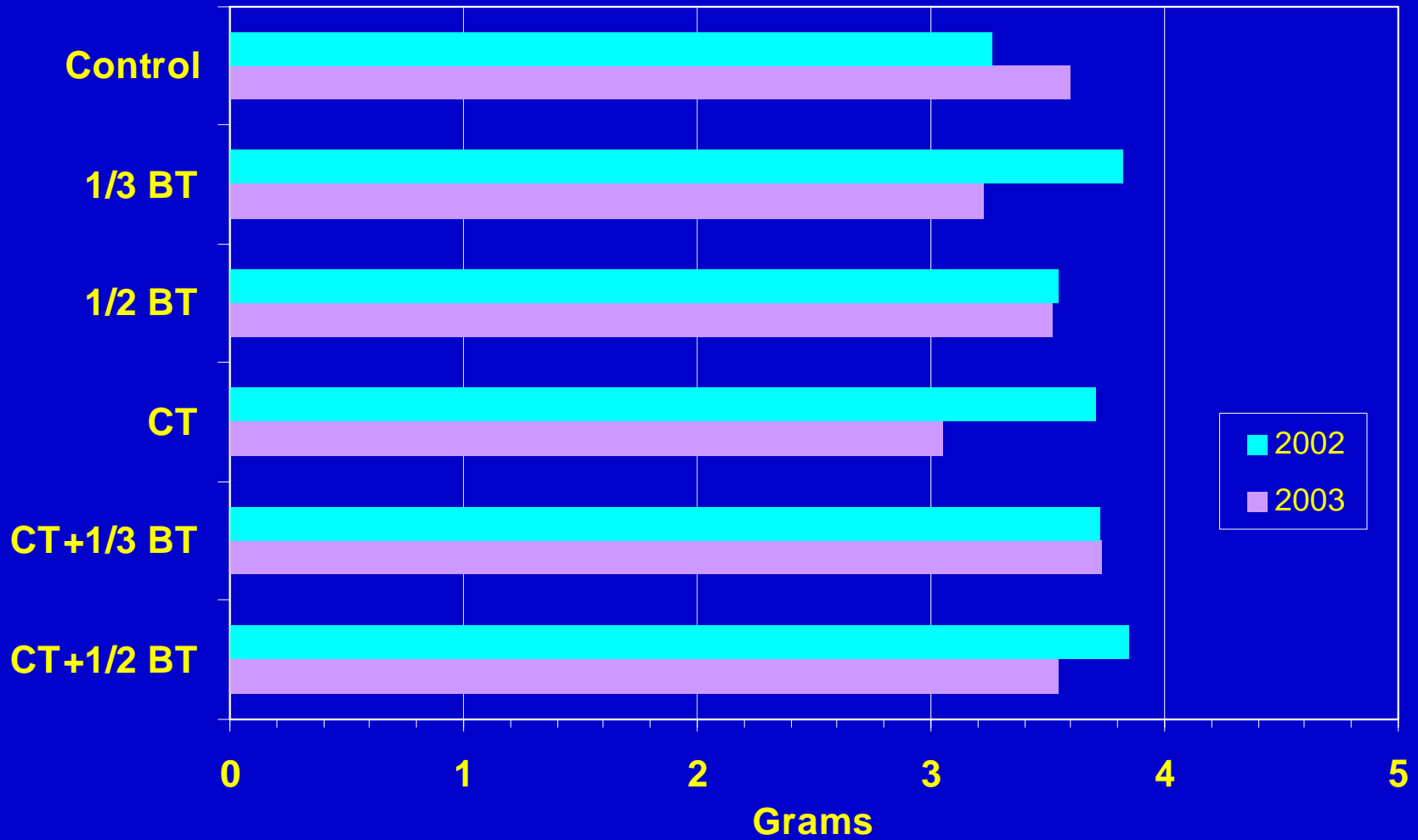


Swenson Red

Treatments had no effect on:

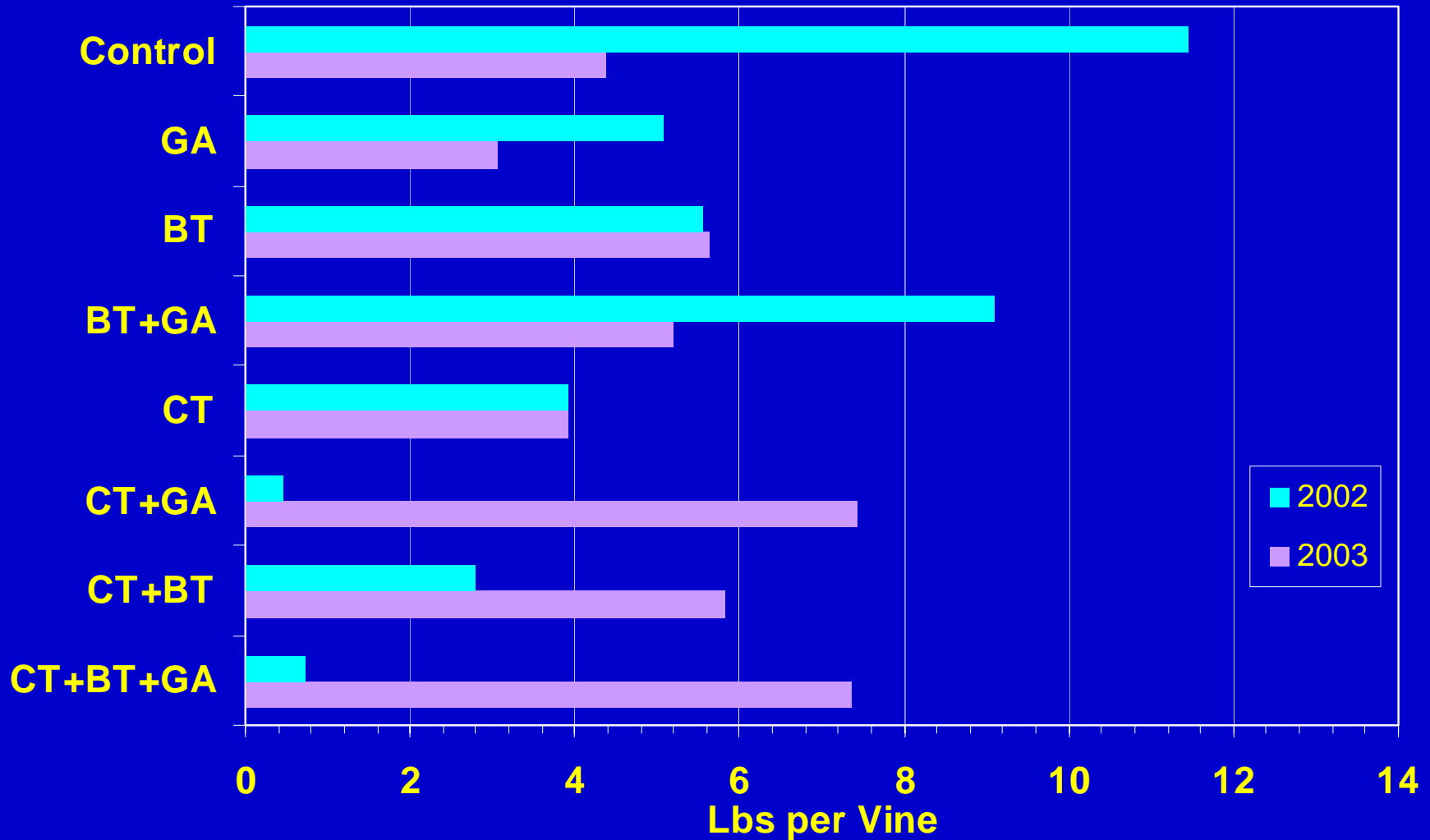
- Total Soluble Solids (Brix)
- pH of the juice
- Total Titratable Acids

Swenson Red Berry Weight

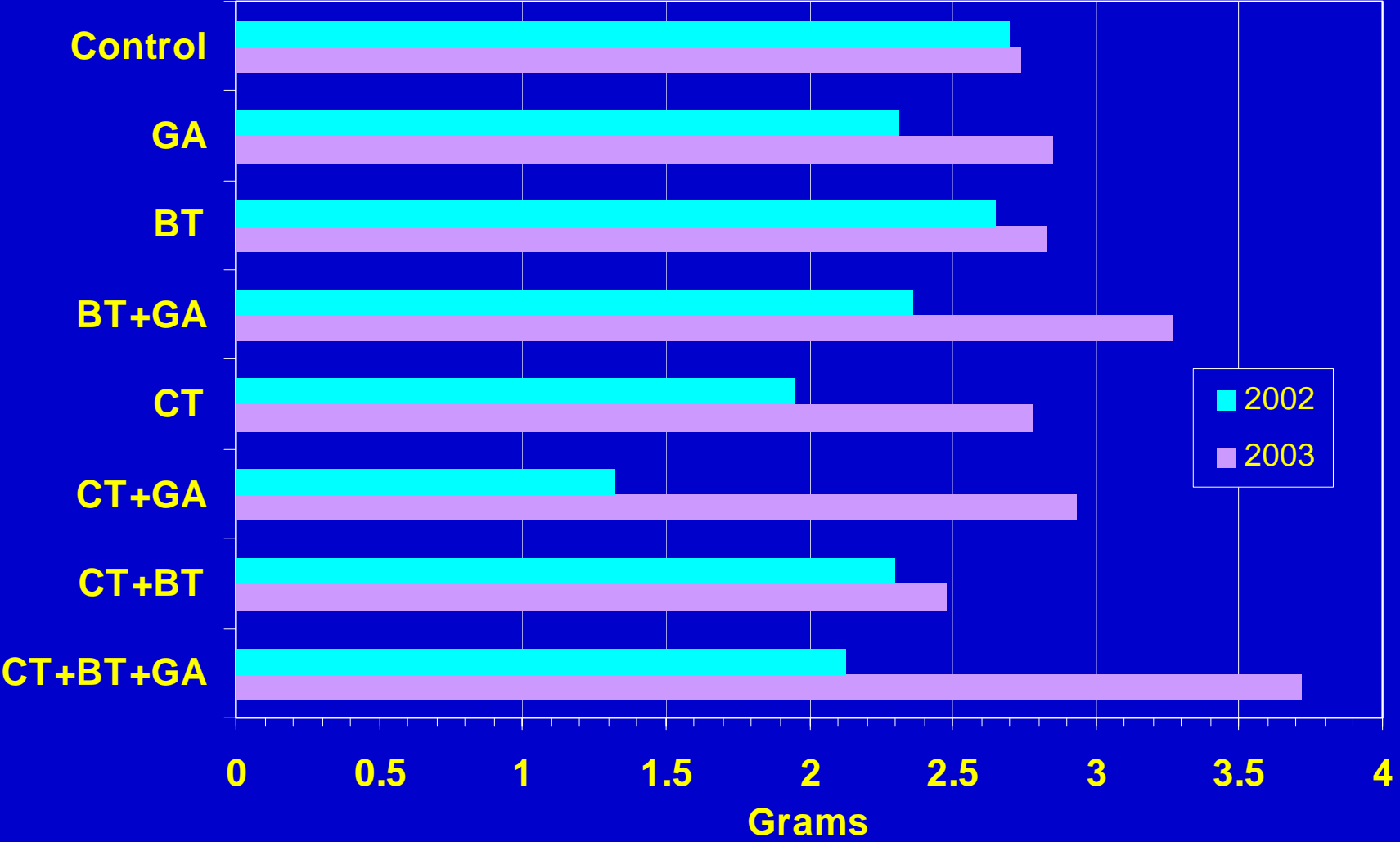


Reliance

Yield per Vine

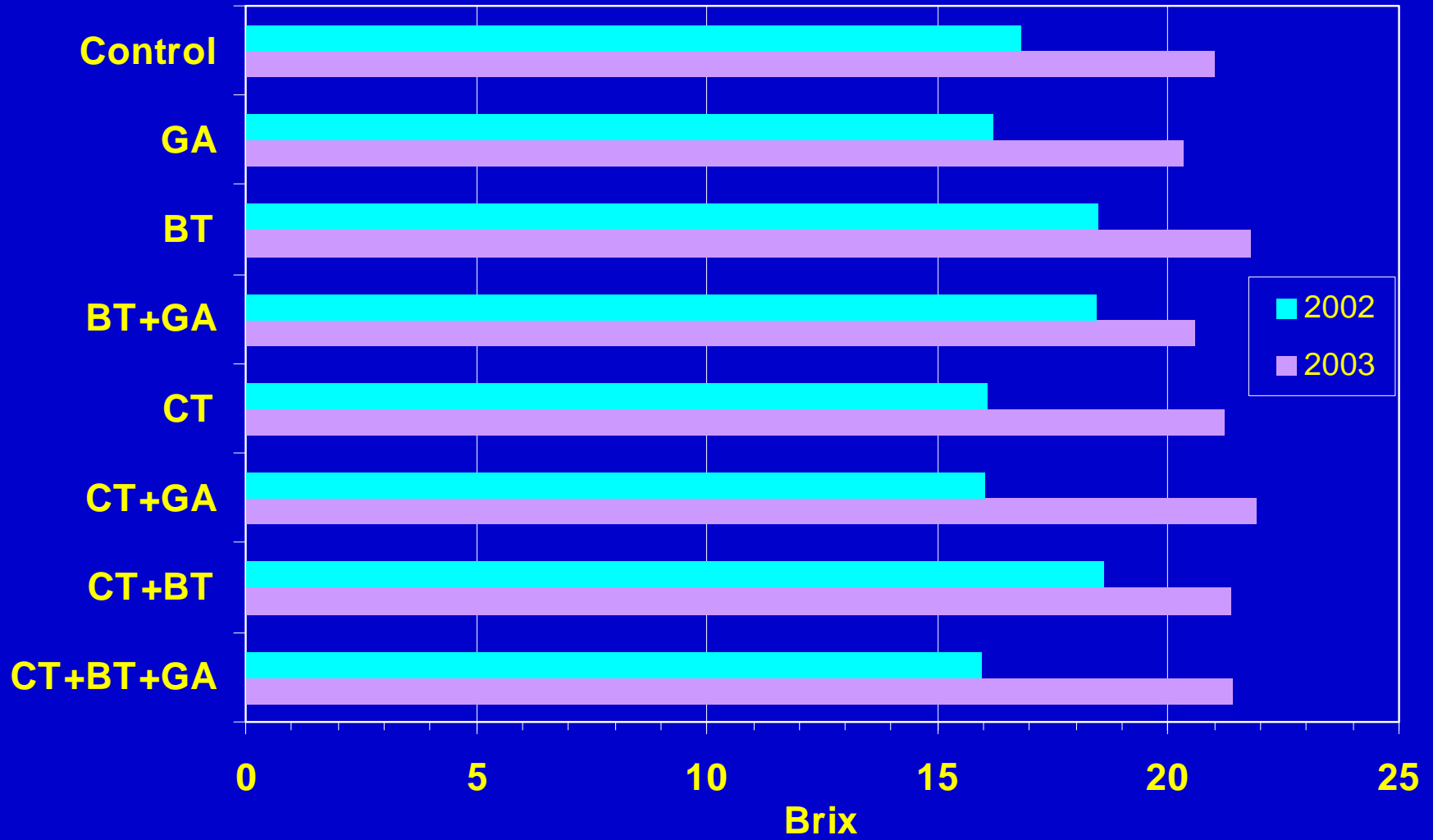


Reliance Berry Weight

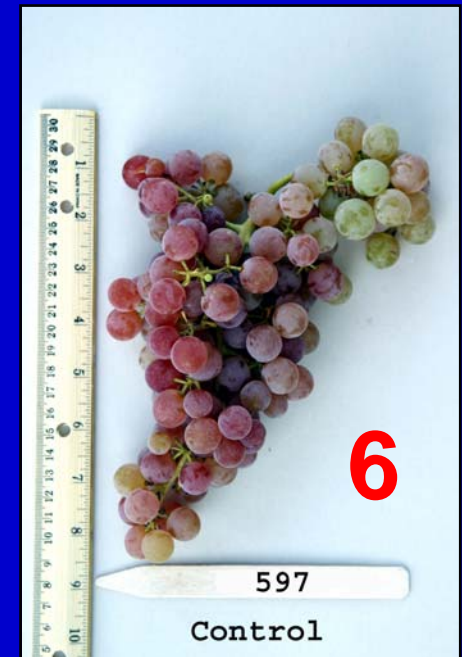
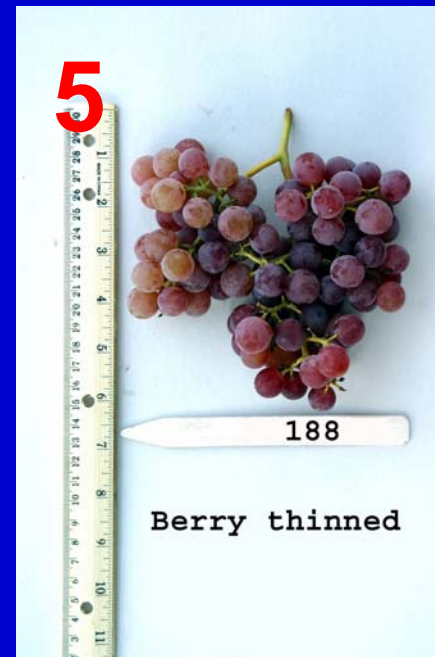
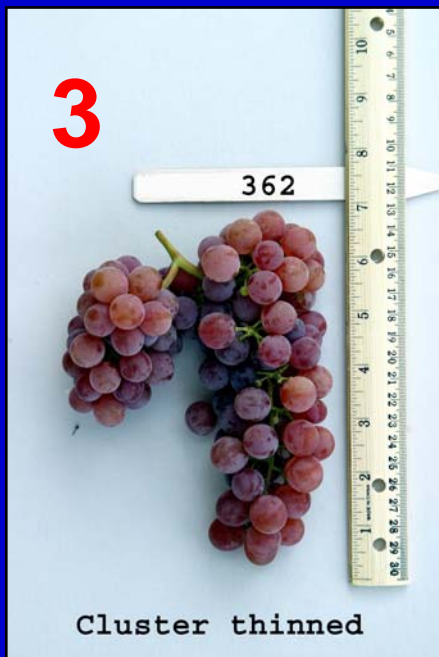
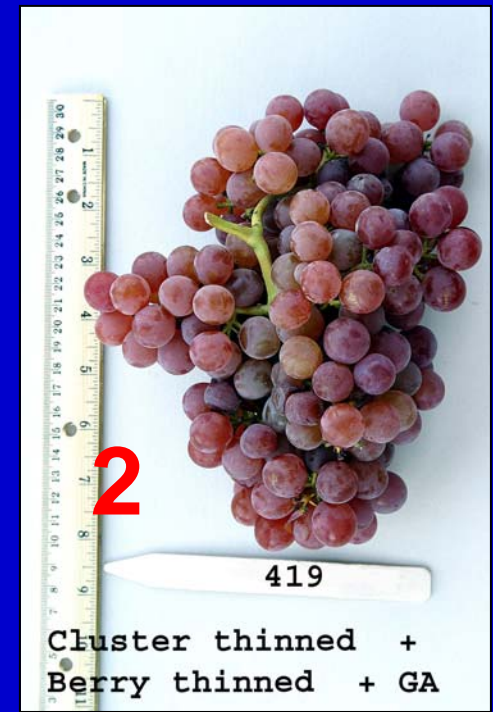
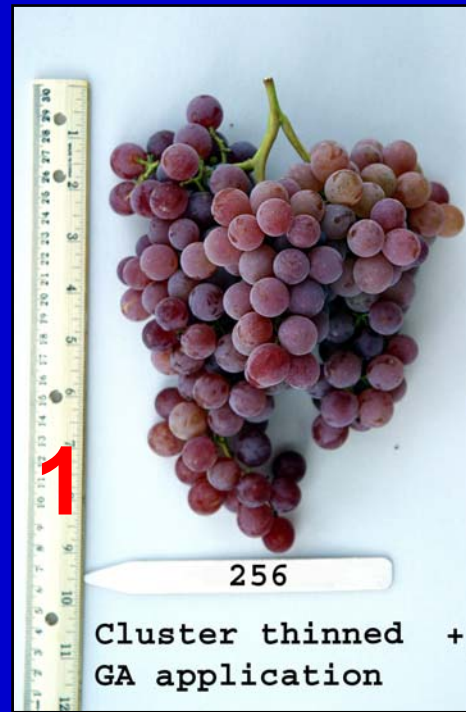


Reliance

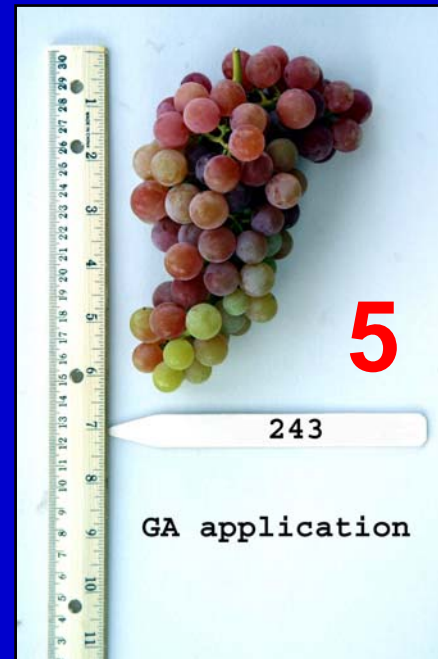
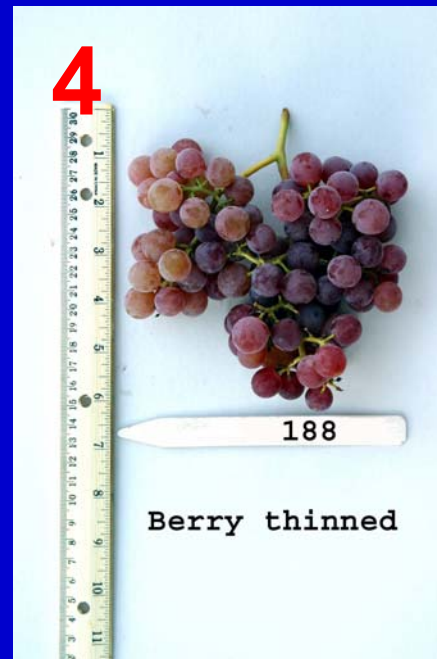
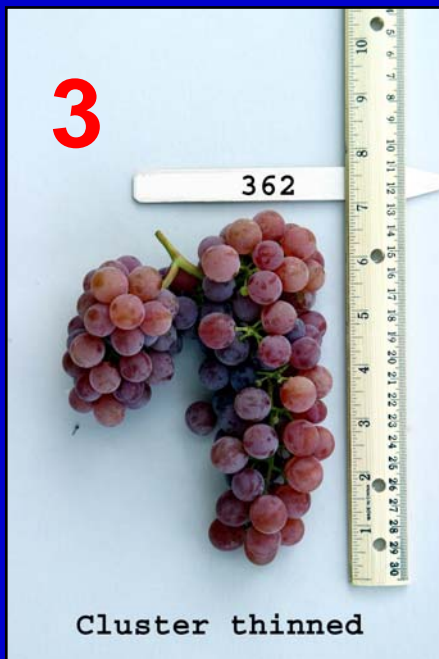
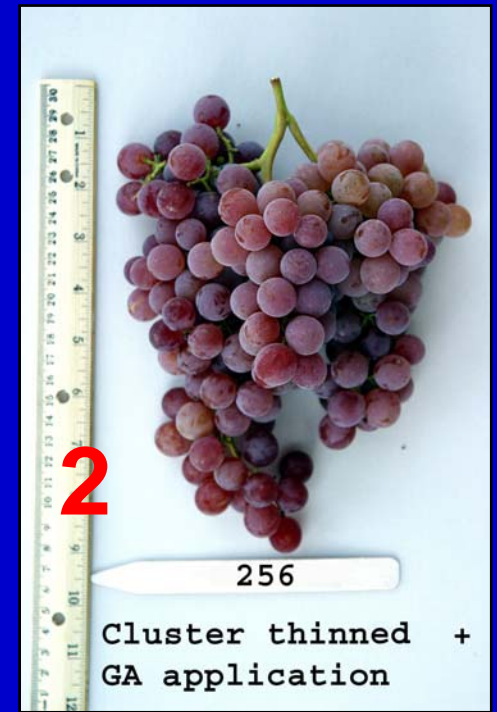
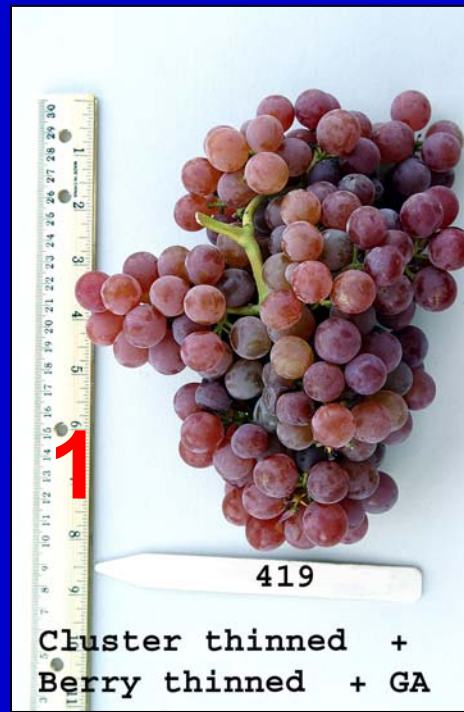
% Soluble Solids



Reliance Grape Consumer Preference for Cluster Appearance



Reliance Grape Consumer Preference for Berry Size



Progress Reports

- **Annual Fruit / Vegetable Progress Report, 2002 & 2003, ISU Ext. FG 601(revised)**
- **ISU Viticulture Home Page**

<http://viticulture.hort.iastate.edu>

- **ISU Research & Demonstration Farms**

<http://www.ag.iastate.edu/farms/>

Annual Progress Report *for*

- **Armstrong, 2002 (ISRRF02-12), 2003 (ISRF03-12)**
- **Northeast, 2003 (ISRF03-13)**
- **Southeast, 2003 (ISRF03-34)**

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