Horticultural and Chemical Practices Influencing Fruit Quality with Reliance and Swenson Red Table Grape Cultivars 2003 Update

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‘Swenson Red’
This project is funded, in part, by:

• Leopold Center for Sustainable Agriculture

• Iowa Fruit and Vegetable Growers Association

(through the Specialty Crops Program of the Iowa Department of Agriculture and Land Stewardship)
Proposed Research Focus

• Evaluate cluster removal, berry thinning, and GA application effects on:
  • Fruit yield and size
  • Cluster appearance
  • Fruit quality
Swenson Red Treatments

+ or – Cluster Thinning

1/2

1/3

+ or – Berry (tail) Thinning

+ or – Cluster Thinning
Reliance Treatments

+ or – Cluster Thinning

+ or – 50 ppm GA

+ or - Berry (tail) Thinning
Swenson Red
Yield per Vine

Lbs per Vine

Control

1/3 BT

1/2 BT

CT

CT+1/3 BT

CT+1/2 BT

2002

2003
Swenson Red Berry Weight

Control
1/3 BT
1/2 BT
CT
CT+1/3 BT
CT+1/2 BT

Grams

2002
2003

Grains
Reliance
Yield per Vine

Control
GA
BT
BT+GA
CT
CT+GA
CT+BT
CT+BT+GA

Lbs per Vine

2002
2003
Reliance Grape Consumer Preference for Cluster Appearance

1. Cluster thinned + GA application
2. Cluster thinned + Berry thinned + GA
3. Cluster thinned
4. GA application
5. Berry thinned
6. Control
Reliance Grape Consumer Preference for Berry Size

1. Cluster thinned + Berry thinned + GA
2. Cluster thinned + GA application
3. Cluster thinned
4. Berry thinned
5. GA application
6. Control