Grand Valley 2014 grape variety trial

Horst Caspari
Introducing new cold-hardy variety trial

- Near Clifton
- Planted in 2014
- High Cordon
- Sprinkler irrigated with grass/legume cover crop
- 12 varieties with 6 replications (RCBD)
- 4 vines per replication
- Row x vine spacing is 9’x 5’
- First harvest in 2016
Grand Valley 2013 cold-hardy variety trial

12 Varieties

• Aromella
• Arandell
• Brianna
• Cayuga White
• Chambourcin
• Corot noir

• La Cresent
• Marquette
• Noiret
• St. Vincent
• Traminette
• Vignoles
2016 Harvest

Percent of vines with crop in third year

- Arandell
- Traminette
- Noiret
- Vignoles
- La Crescent
- Marquette
- Courtland
- Brianna
- Chambourcin
- Cayuga White
- Aromella
- St Vincent
2016 Harvest

24 vines per variety

Total yield (lb)

Arandell
Traminette
Noiret
Vignoles
La Crescent
Marquette
Corot noir
Brianna
Chambourcin
Cayuga White
Aromella
St Vincent
2016 Harvest

Yield data based only on vines with crop
So far the highest total yield and per vine yield are:

- St. Vincent
- Aromella
- Cayuga White
- Chambourcin

Brianna had a high yield per vine, but few vines carrying a crop.
Questions?

Dr. Horst Caspari  
Department of Horticulture & Landscape Architecture  
Colorado State University  
Western Colorado Research Center  
Grand Junction, CO 81503  
Ph: (970) 434-3264  
horst.caspari@colostate.edu