



THE COLLEGE of  
AGRICULTURAL SCIENCES



# Survey 2019

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Horst Caspari



## 2019 Survey Highlights

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Taking into account non-respondents:

- Grape production slightly down on 2018
  - Fifth year in a row with >2,000 ton production
  - Significant drop in the amount of fruit not utilized
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## Survey Summary

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### Survey numbers

- Survey forms send: 83
  - Survey forms returned: 47 (99 vineyard sites)
  - Rate of Return: 56 %
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## Survey Summary

### Non-respondents

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32 growers who provided information in 2018 have not yet responded.

- ~200 acres (~25 % of total CO area)
- 470 tons in 2018 (~20 % of 2018 reported production)

There are likely another 100+ acres that are not covered in this or previous surveys.

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# 2019 Colorado Grape Grower Survey

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## Definition

“Producing area”

- vineyards of producing age ( $\geq 3$  years old)
  - vineyards planted prior to 2018
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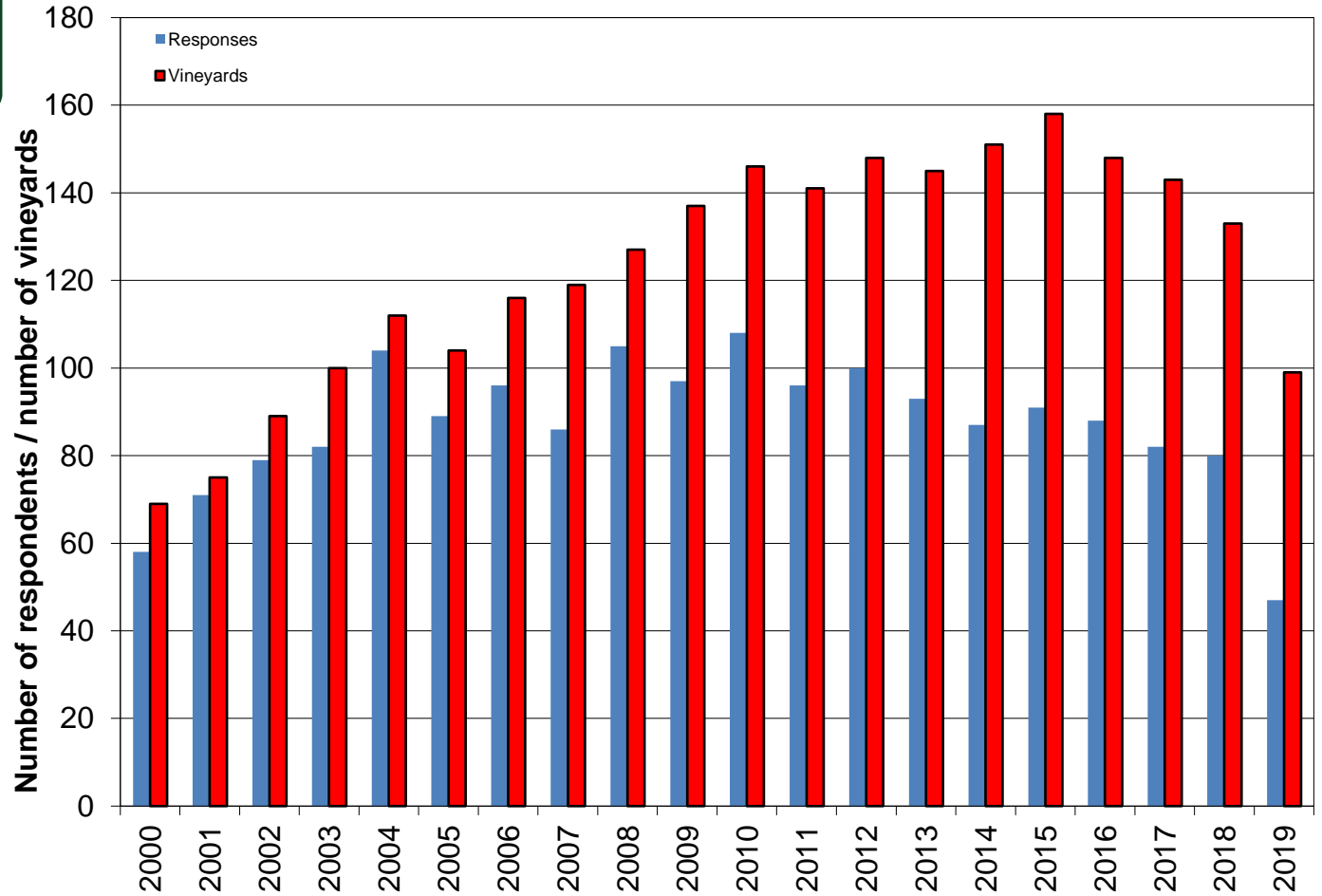
# 2019 Colorado Grape Grower Survey



Total vineyard area (acre)	454
Wineries	146 (32 %)
Contract growers	308 (68 %)
Producing vineyard area (acre)	440
Wineries	144 (33 %)
Contract growers	296 (67 %)
Average vineyard holding (acre)	9.7
Median vineyard holding (acre)	2.9
Total production (t)	1,671
Average yield (t/acre)	3.80
Average grape price (\$/t)	\$1,552
Average grape revenue (\$/acre)	\$5,899

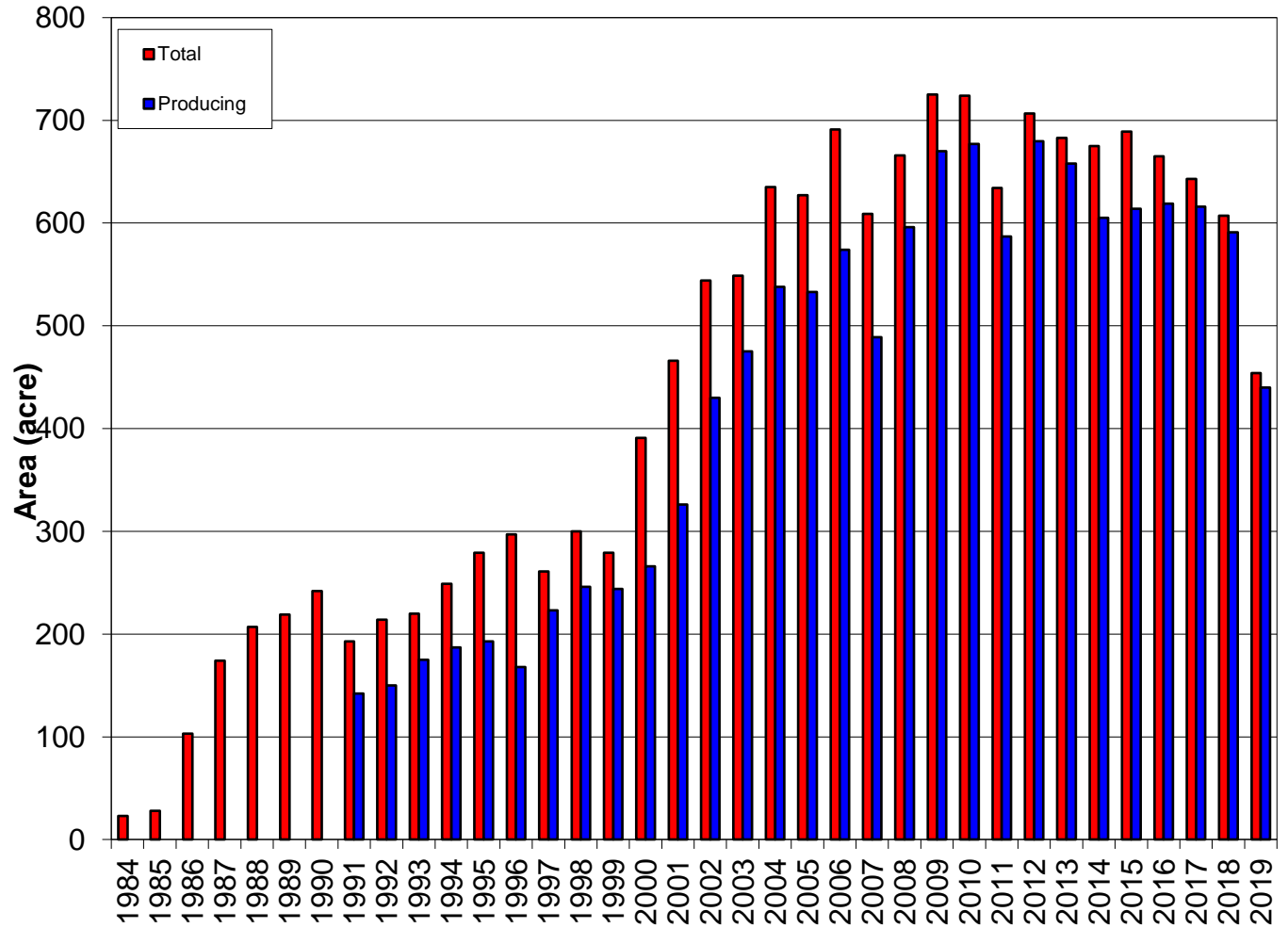


## Number of survey responses and number of vineyards





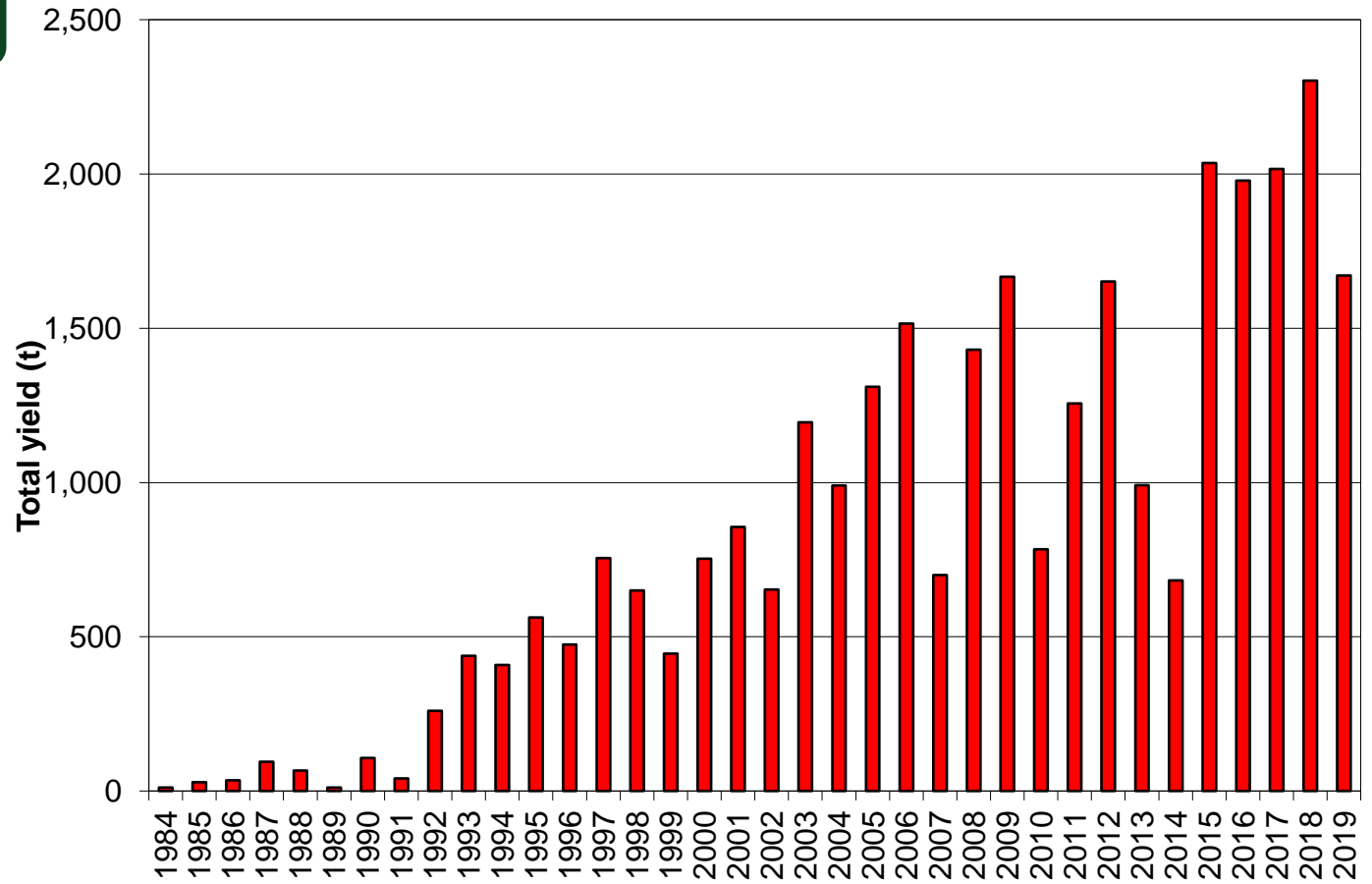
## Acres reported by survey year





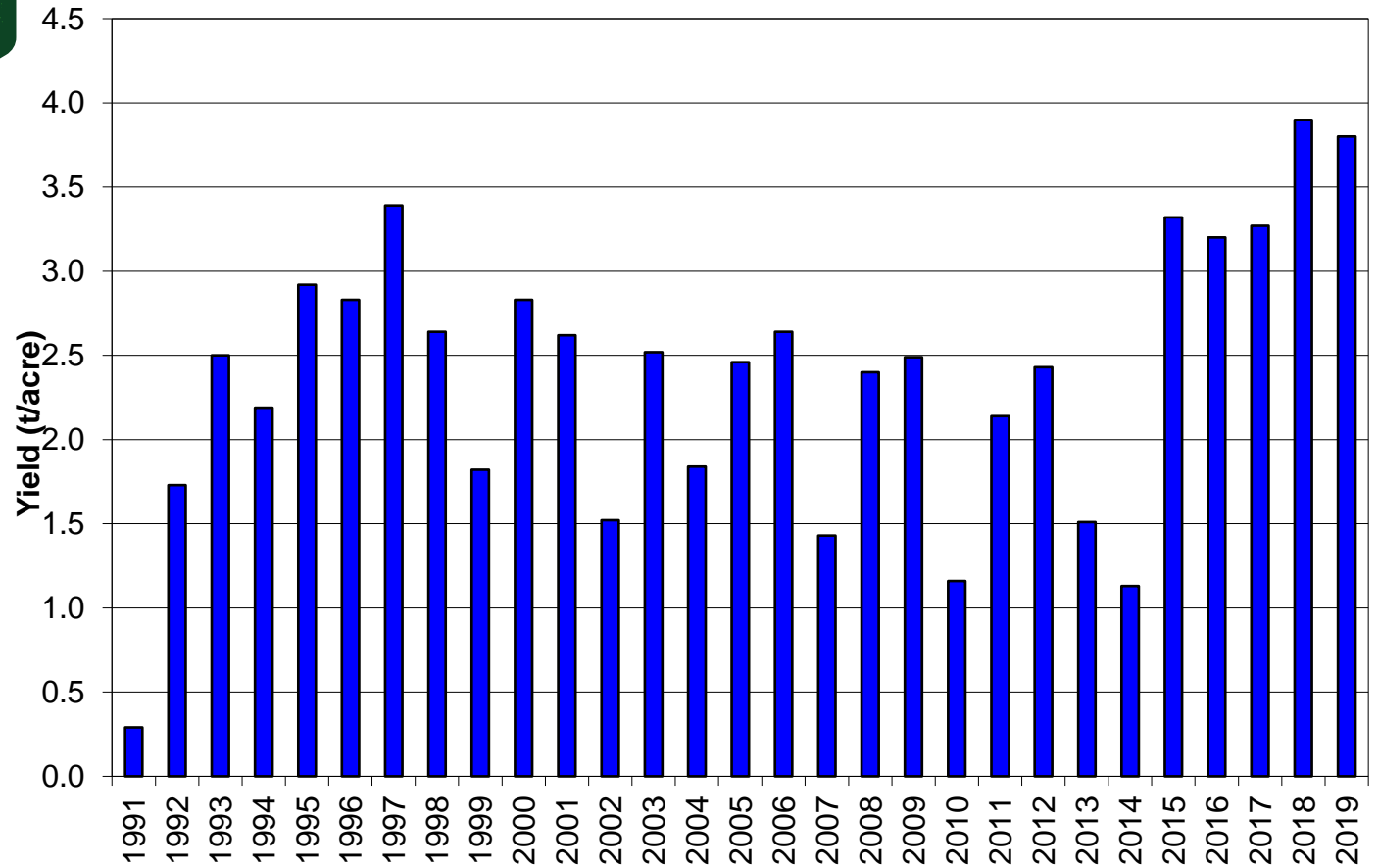


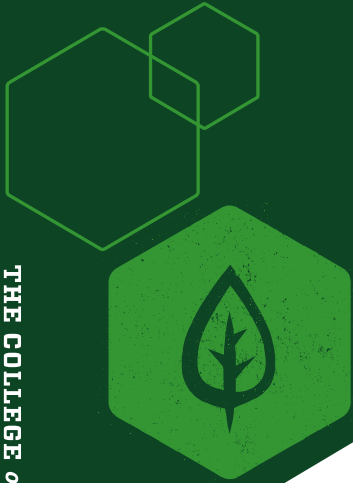
## Colorado grape production by year



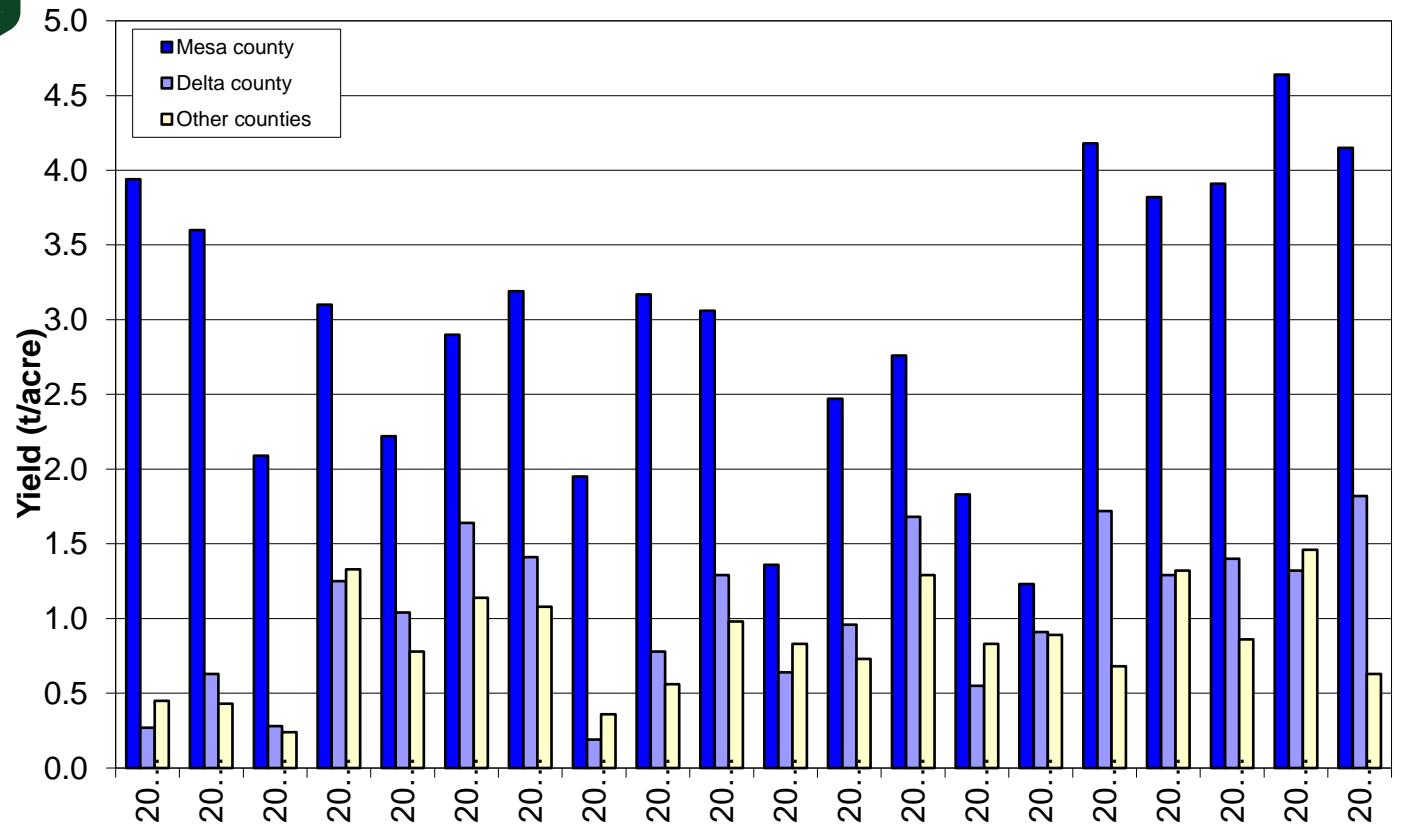


## Colorado grape yield per acre & year

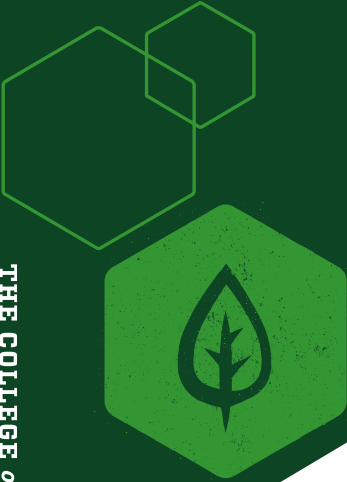
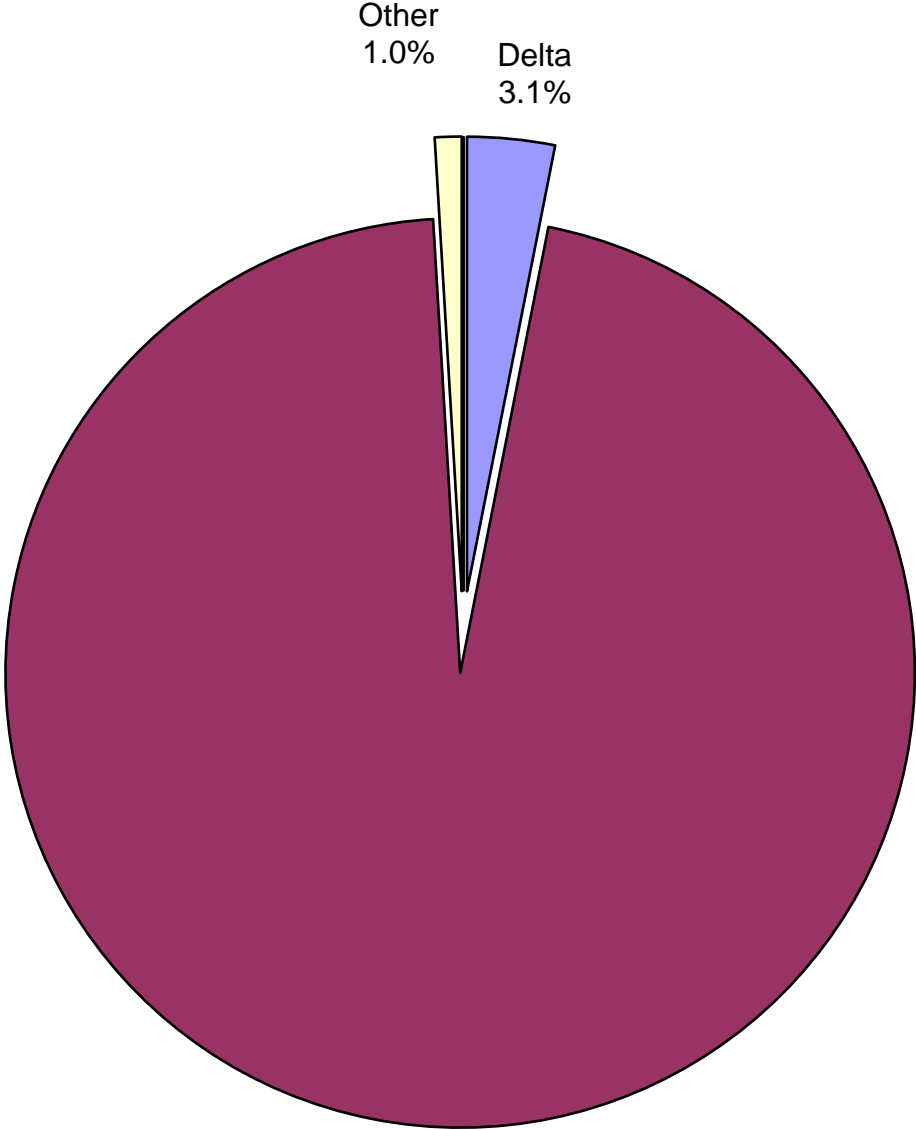




# Colorado grape yield by county & year



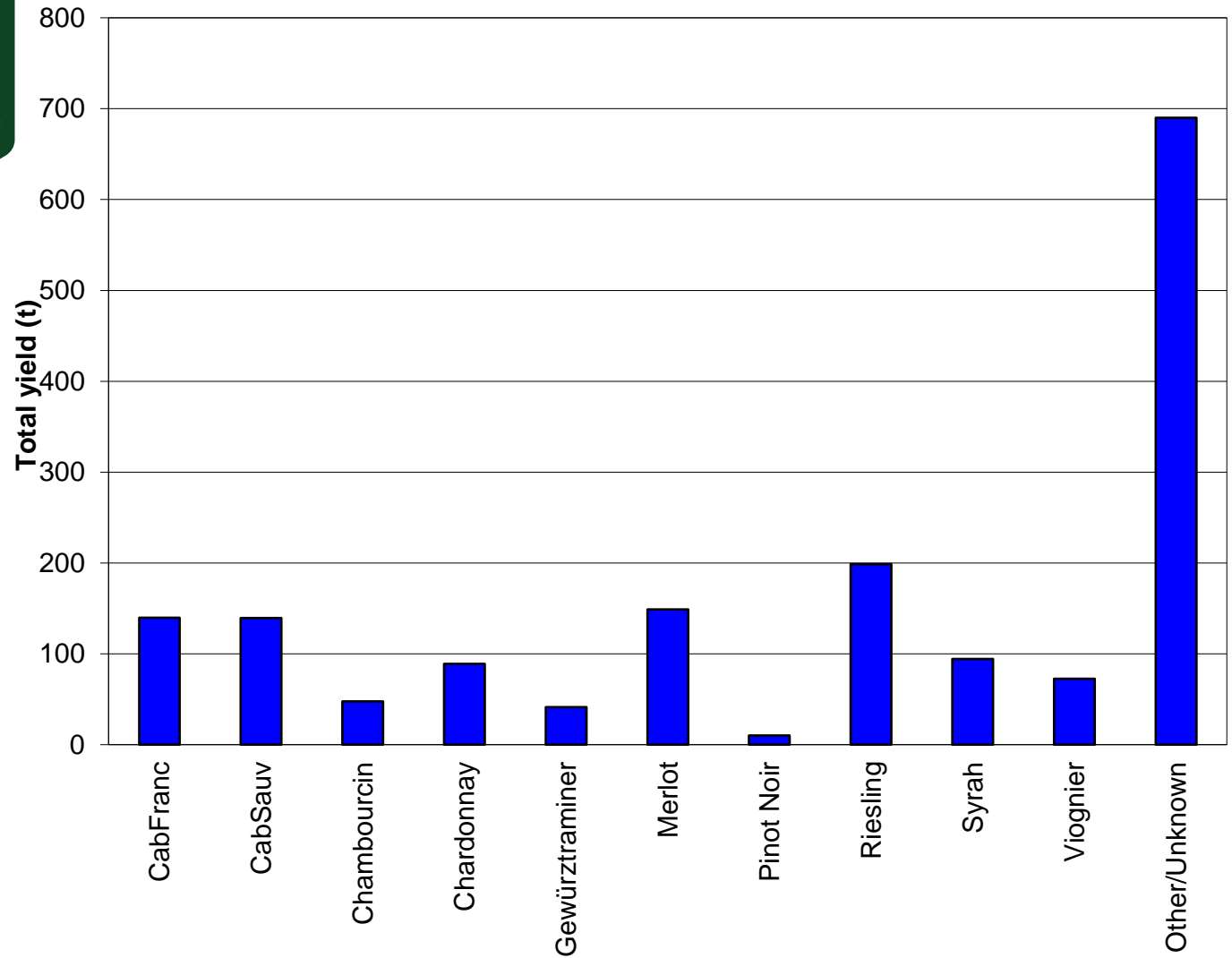
# Colorado grape production by county



Mesa  
95.9%

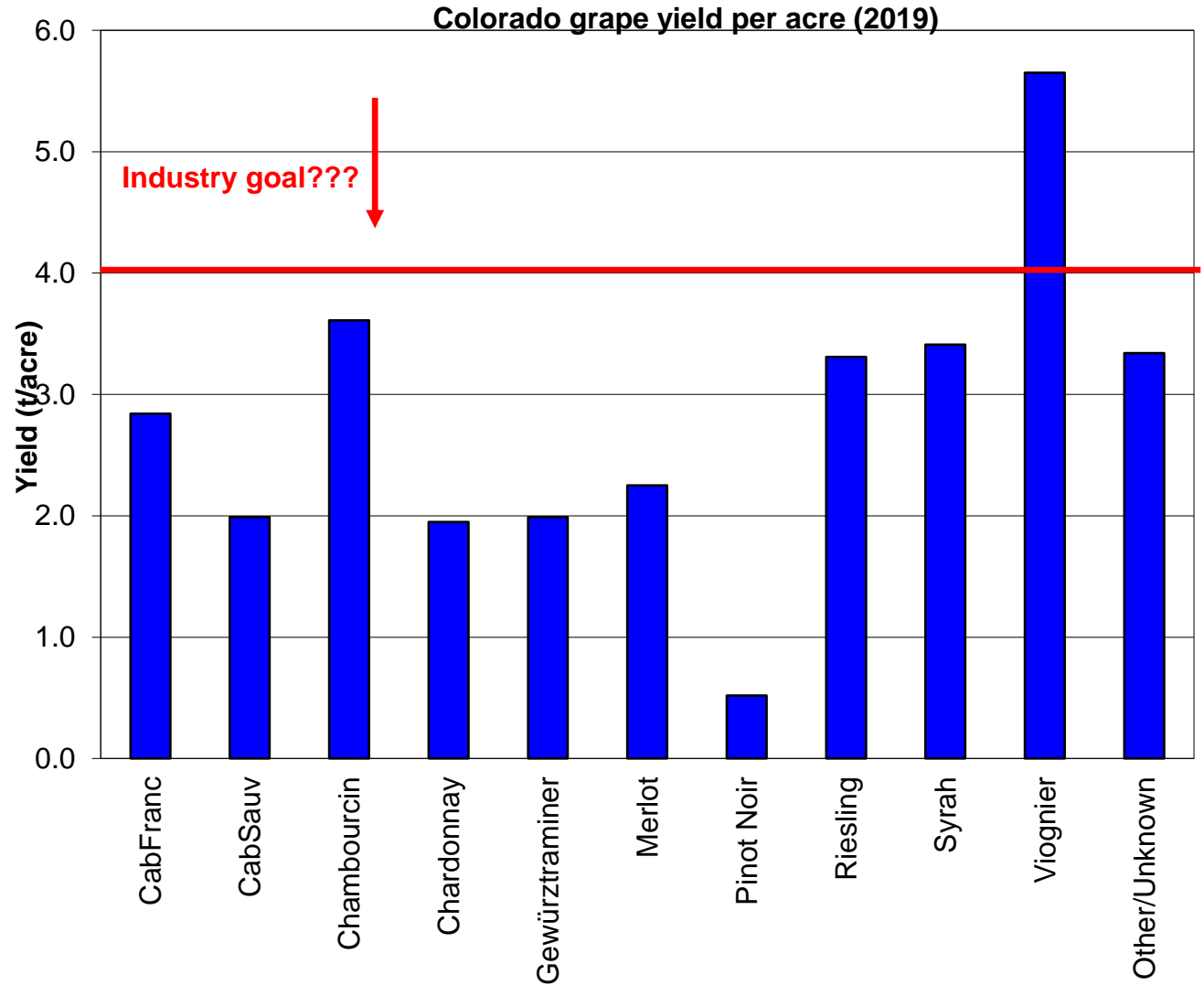


## Colorado grape production by variety

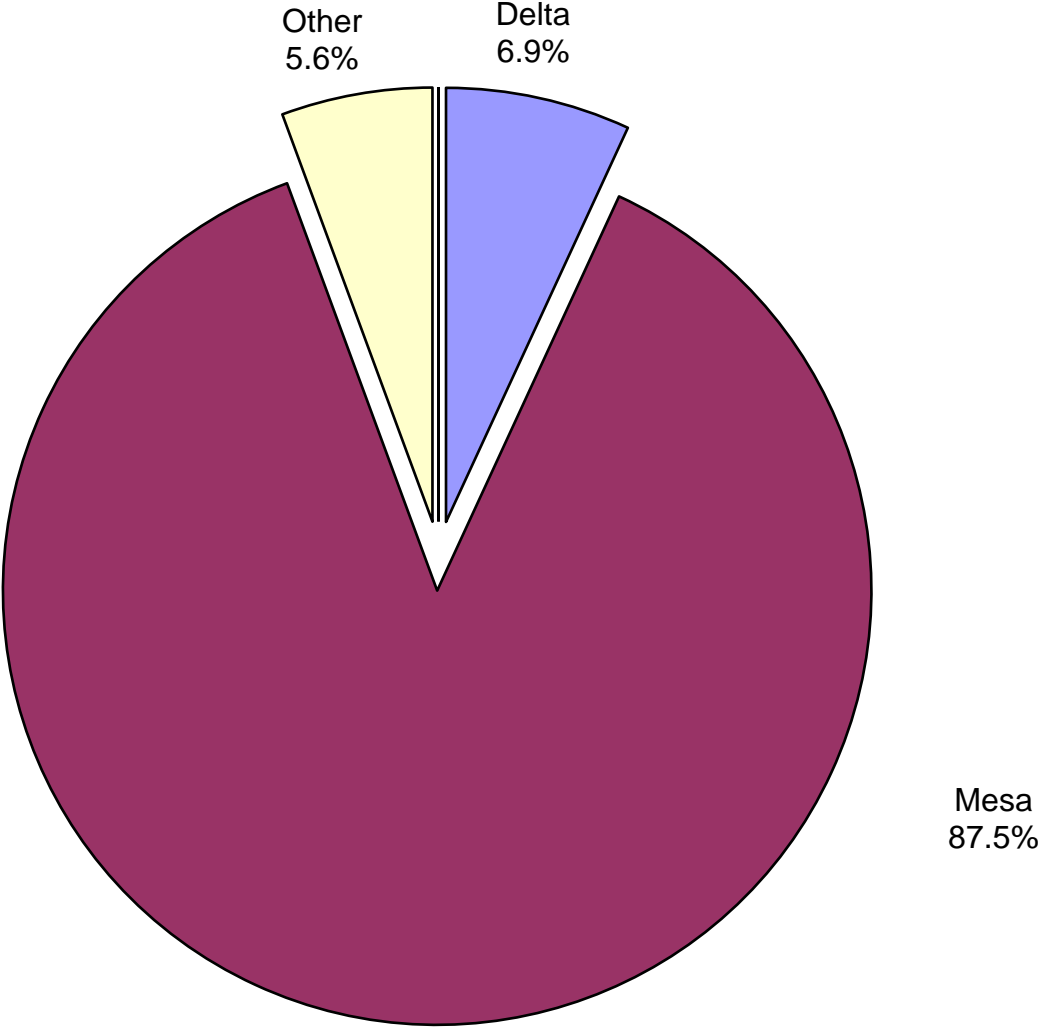




# Colorado grape yield per acre & variety



# Colorado vineyard area by county





## 2019 Colorado Grape Grower Survey

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### Most planted varieties in 2019

Syrah and Cabernet Sauvignon

Very few new plantings (<10 acres)

Acres removed > acres planted

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## 2019 Colorado Grape Grower Survey

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### Most popular varieties (2019)

- >90 % of new plantings are varieties of *Vitis vinifera*
  - <10 % of new plantings are interspecific varieties
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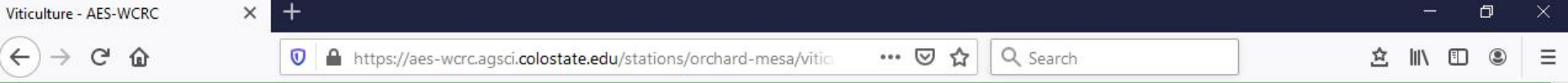
## 2019 Colorado Grape Grower Survey

Preliminary impressions (~1/3 survey responses still outstanding)

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- The surplus of grapes was much smaller than in 2018
  - Non-utilized crop was slightly over 100 ton, compared to about 400 ton in 2018
  - Grape prices for all major varieties were down on 2018, except Riesling and Syrah
  - The overall average price was down 7.5 %
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# Colorado Grape Grower Survey Results



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## Viticulture

— ❄️ Cold Injury

[Cold Hardiness Update](#)

[How to Evaluate Bud Damage](#)

[CAVE Vineyard Weather Stations](#)

+ 🖥️ Research Report

+ 🌿 Training and Trellising

+ 🗃️ Variety & Rootstock Data

+ 📊 Viticulture Survey and Statistics

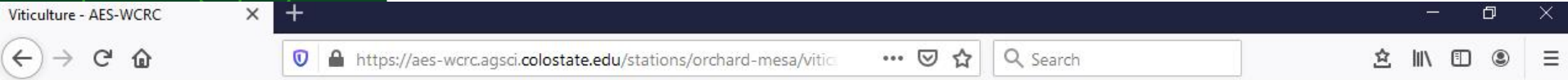
+ 📄 Resources



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# Colorado Grape Grower Survey Results



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## Viticulture

- + ❄️ Cold Injury
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- 📊 Viticulture Survey and Statistics

 [Viticulture Survey and Results](#)

[Long Term Economic Analysis Mesa County \(Updated June 2016\)](#)

[Long Term Economic Analysis Colorado \(Updated June 2016\)](#)

- + 📄 Resources




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# Colorado Grape Grower Survey Results



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## Viticulture Survey and Statistics

[Viticulture Survey Form \(pdf\)](#)

[2018 Crop Statistics](#)

[2017 Crop Statistics](#)

[2016 Crop Statistics](#)

[2015 Crop Statistics](#)

[2014 Crop Statistics](#)

[2013 Crop Statistics](#)

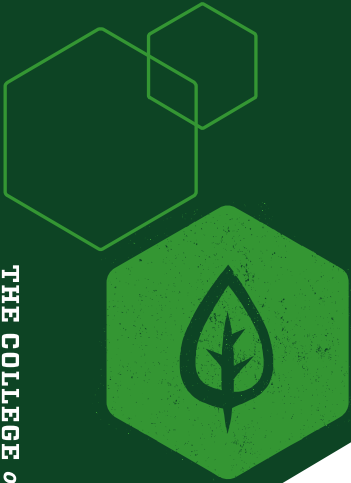
[2012 Crop Statistics](#)

[2011 Crop Statistics](#)

[2010 Crop Statistics](#)

[2009 Crop Statistics](#)

Contact Dr. Horst Caspari for previous years information at [horst.caspari@colostate.edu](mailto:horst.caspari@colostate.edu).



# Colorado Grape Grower Survey Results

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<https://aes-wcrc.agsci.colostate.edu/stations/orchard-mesa/viticulture/>

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## 2019 Colorado Grape Grower Survey

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Thank you

- All the growers who have responded to the survey
  - CWIDB for funding the survey
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# Questions?

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