



# 'Growing Season in Review' Workshops for Arizona Winegrape Growers

October 17, 2019

**If the 2019 growing season is on your mind, we would like you to attend this event!** There will be activities and discussions with other growers that detail growing conditions from this year, including important weather events and other issues like pests and disease, responses to such challenges, comparison to previous growing seasons, and assessment of cultivar performance.

photo credit: Michael Pierce


 AGRICULTURE & LIFE SCIENCES  
 Cooperative Extension


 YAVAPAI COLLEGE


 NM STATE UNIVERSITY


 CLIMAS  
 Climate Assessment for the Southwest  
 A NOAA SWA TEAM


 RISA  
 Regional Integrated Sciences and Assessments


 USGS

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## Schedule

**11:00-11:20** Introduction  
*workshop overview, participant introductions*

**11:20-11:45** Activity 1 – Shape the 2019 growing season  
*note growth stages, weather events, pests, other issues*

**11:45-12:00** [pick up lunch]  
*continue with Activity 1, eat during Activity 2*


**12:00-12:30** Activity 2 – Detail event/issue impacts and responses  
*discuss results from Activity 1*

**12:30-13:00** Activity 3 – Compare 2019 to previous growing seasons  
*place 2019 growing season in an historical context*

**13:00-13:30** Activity 4 – Assess cultivar performance  
*compare 2019 to previous growing seasons*

**13:00-13:45** [wrap up]  
*make sure we covered all topics of interest*

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## Introduction

Participant introductions

### Who are you?

### Do you have a vineyard?

***If so,...***

- ...name(s) and location(s)?
- ...for how long?

***If not,...***

- ...interest in attending?
- ...a Yavapai College student or instructor?
- ...for how long?

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## Activity 1

Shape the 2019 growing season.

Recall timing of growth stages, weather events, occurrence of pests or disease, and other issues that occurred this year at your vineyard.

Use corresponding sticky notes to indicate such events and issues on the growing season timeline.

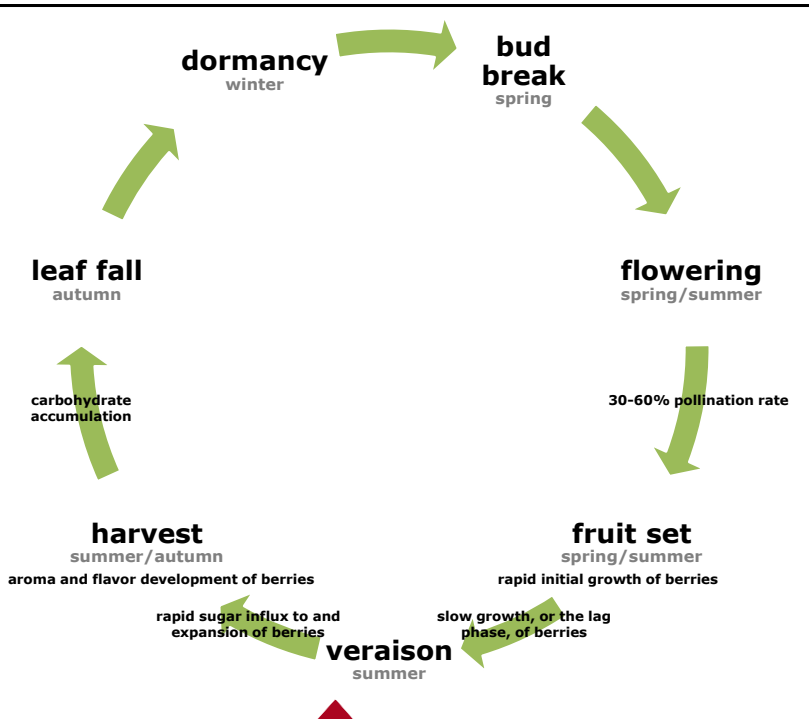
Write your name/vineyard and growth stage/event/issue.

### Main questions:

*What was vine phenology like this past growing season?*

*What and when were the major weather and other events and issues like pests, disease, and irrigation needs of this growing season that impacted – either positively or negatively – your vineyard?*

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## Activity 2

Detail impacts from and responses to 2019 growing season conditions.

Discuss the timeline, either by detailing your notes – how did events or issues affect your vineyard – or by asking questions of notes from another grower.

Place notes on the growing season timeline, connecting events and issues in Activity 2 to corresponding notes in Activity 1.

**Main questions:**

*What was done in response to the events and issues, whether they were positive or negative?*

*Were important events and issues particular to one or several growers? If the latter, were they clustered in certain areas?*

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## Activity 3

Compare the 2019 growing season to previous growing seasons.

Recall timing of growth stages, weather events, occurrence of pests or disease, and other issues that occurred in previous growing seasons at your vineyard.

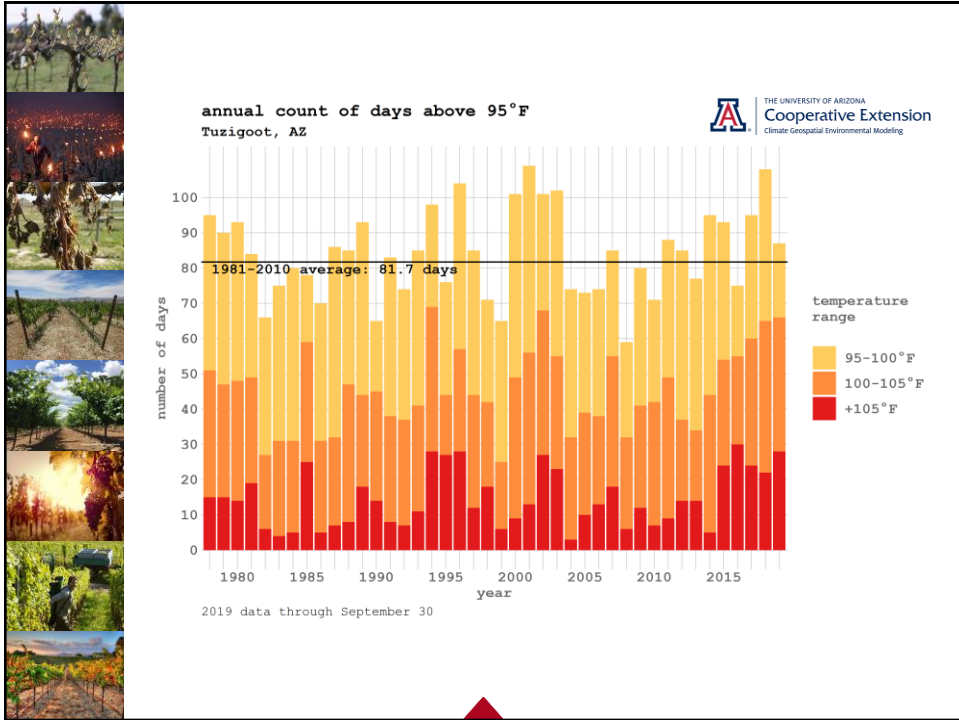
Place notes on the growing season timeline, connecting events and issues in Activity 3 to corresponding notes in Activities 1 and 2.

**Main questions:**

*What was similar or different in 2019? Did such events or issues make it easier or harder to produce a good yield and quality crop?*

*If different, are such events or issues continuing to change between growing seasons? How can they be managed?*

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## Activity 4

Assess cultivar performance during the 2019 and previous growing seasons.

Recall which cultivars come to mind when thinking about corresponding impacts and note whether impacts were positive or negative.

Place notes on the growing season timeline, connecting events and issues in Activity 4 to corresponding notes in Activities 1, 2, and 3.

**Main questions:**

*For events and issues in 2019, were impacts particular to one or several or all cultivars?*

*Are such impacts different this growing season from previous ones?*

*Are such impacts local or widespread?*

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## Wrap up

Bring up topics that were not addressed and note goals for 2020 growing season.

Bring up any topics that we have not covered so far today.

Look ahead to 2020 growing season and note goals or changes based on experiences during the 2019 and previous growing seasons.

### **Main questions:**

*For the 2019 growing season, which cultivars had an overall good year? An overall bad year? Why?*

*Based on our work today, what can we say about ideal growing conditions for cultivars in this part of the state?*