OREGON WINE SYMPOSIUM
PORTLAND

Considerations for Picking and Lab Analysis During Harvest

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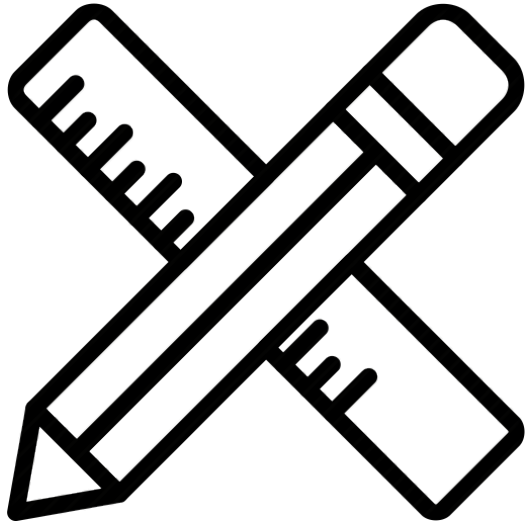
PROGRAM PRODUCER OREGON WINE BOARD

TRADE SHOW PRODUCER OREGON WINEGROWERS ASSOCIATION

MEASURE WHAT MATTERS



- STYLE – INTENTION – CHALLENGES
- DATA COLLECTION
- A COMMON LANGUAGE

A TO Z WINEWORKS

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GROWING SEASON

GDD
Air Quality

Baseline Sampling

GDD
Air Quality
Brix
pH
TA

Maturity Check

GDD
Air Quality
A. Brix
pH
TA
B. Juice Panel
C. Phenolics

- Brix
- pH
- TA
- Malic
- Tartaric
- Ammonia
- Primary Amino Nitrogen
- YAN
- Glucose/Fructose
- Potassium

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AtoZ

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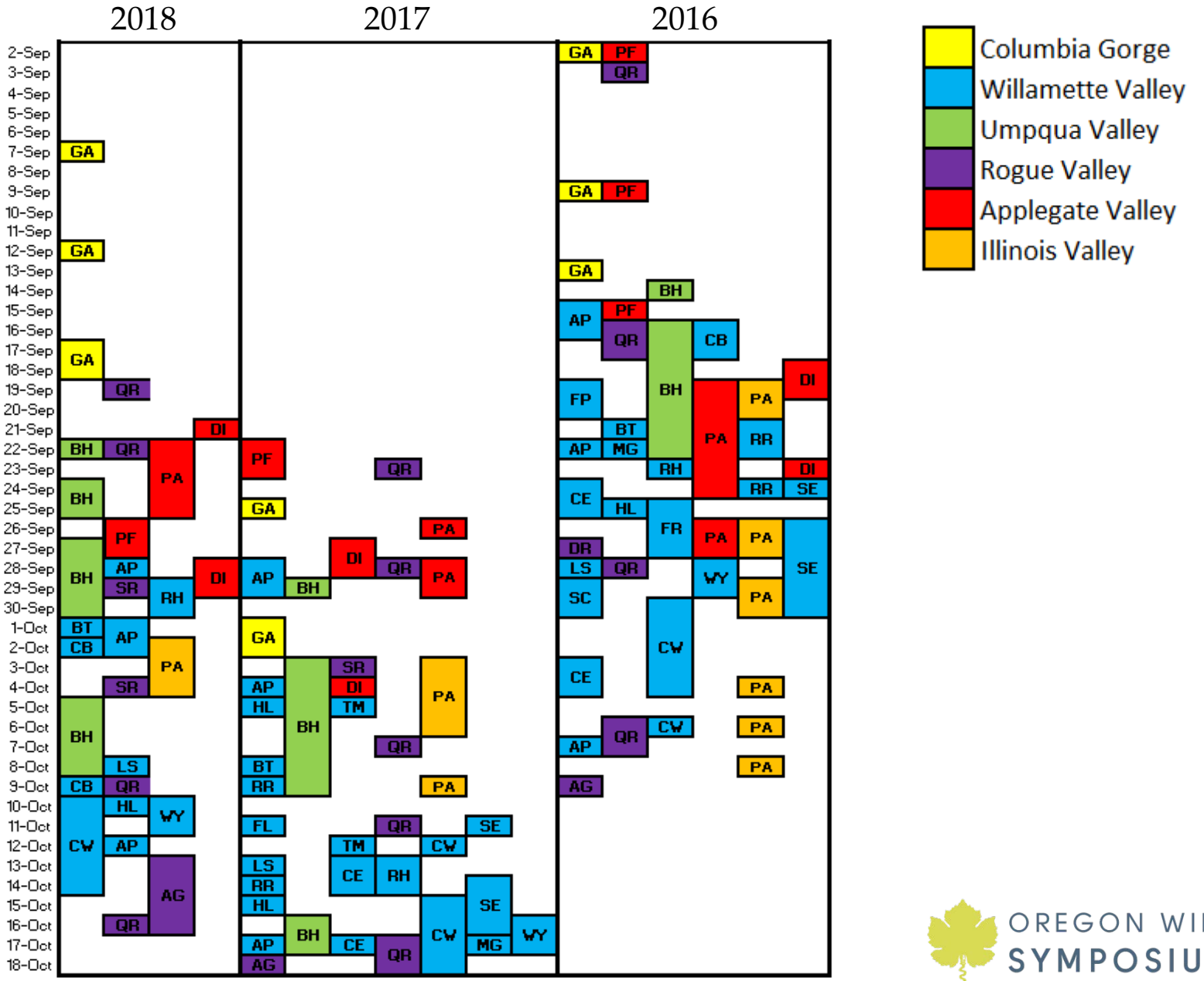
PICKING

- Pick dates across the regions

- Fruit Condition
- Blend projections
- X-factors



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MATURITY SAMPLES

- Uniformity of the Process
- Equipment
- Juice Panels

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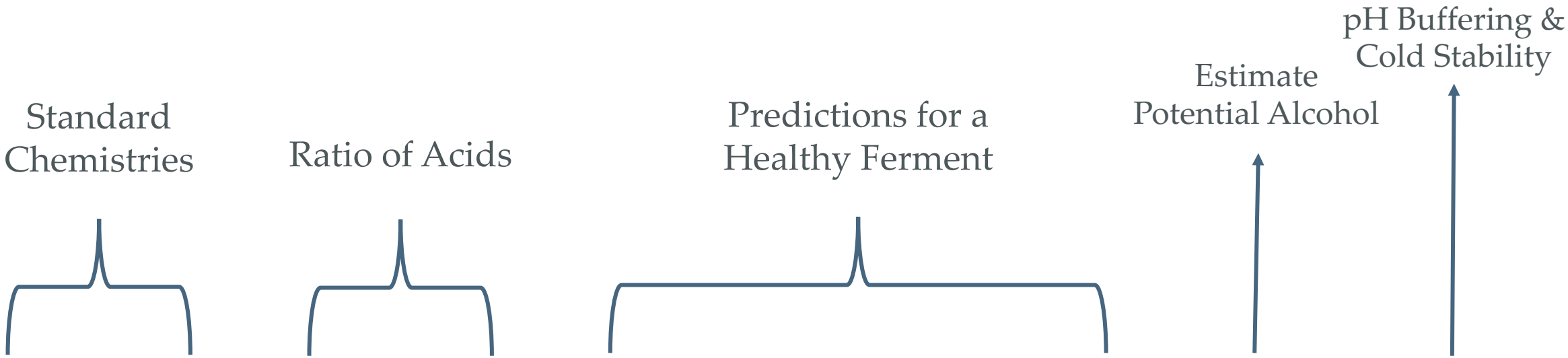
JUICE PANELS



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INTENTION

A TO Z WINEWORKS WHITE AND ROSÉ WINES

- Majority of fruit is machine harvested
- Stainless steel fermentations
- No malolactic fermentation
- Finished under screwcap

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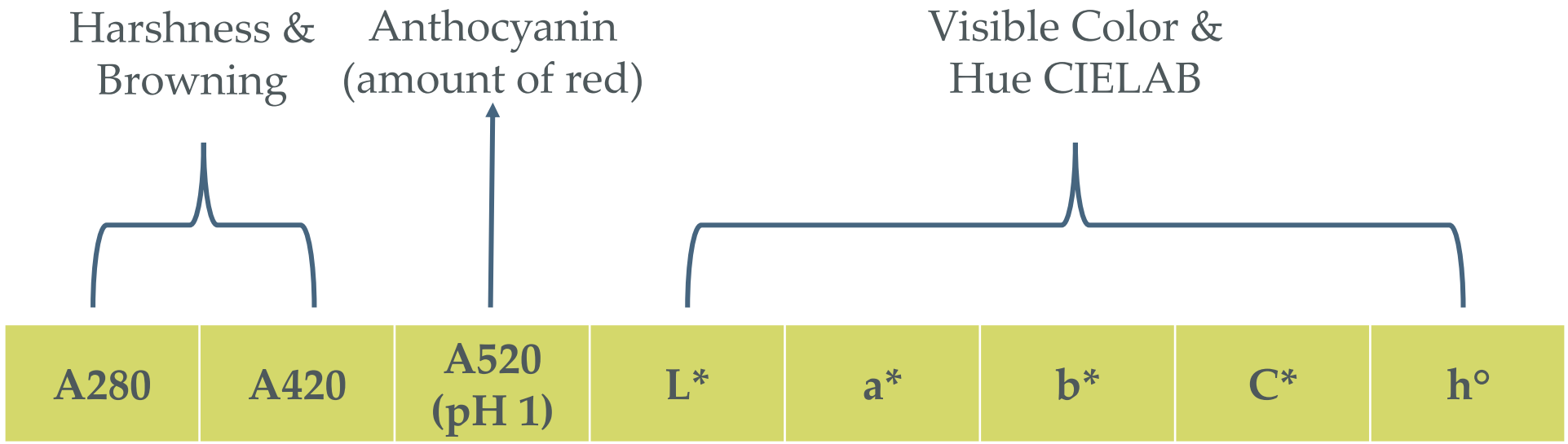
WHITE & ROSÉ WINE PHENOLICS & COLOR



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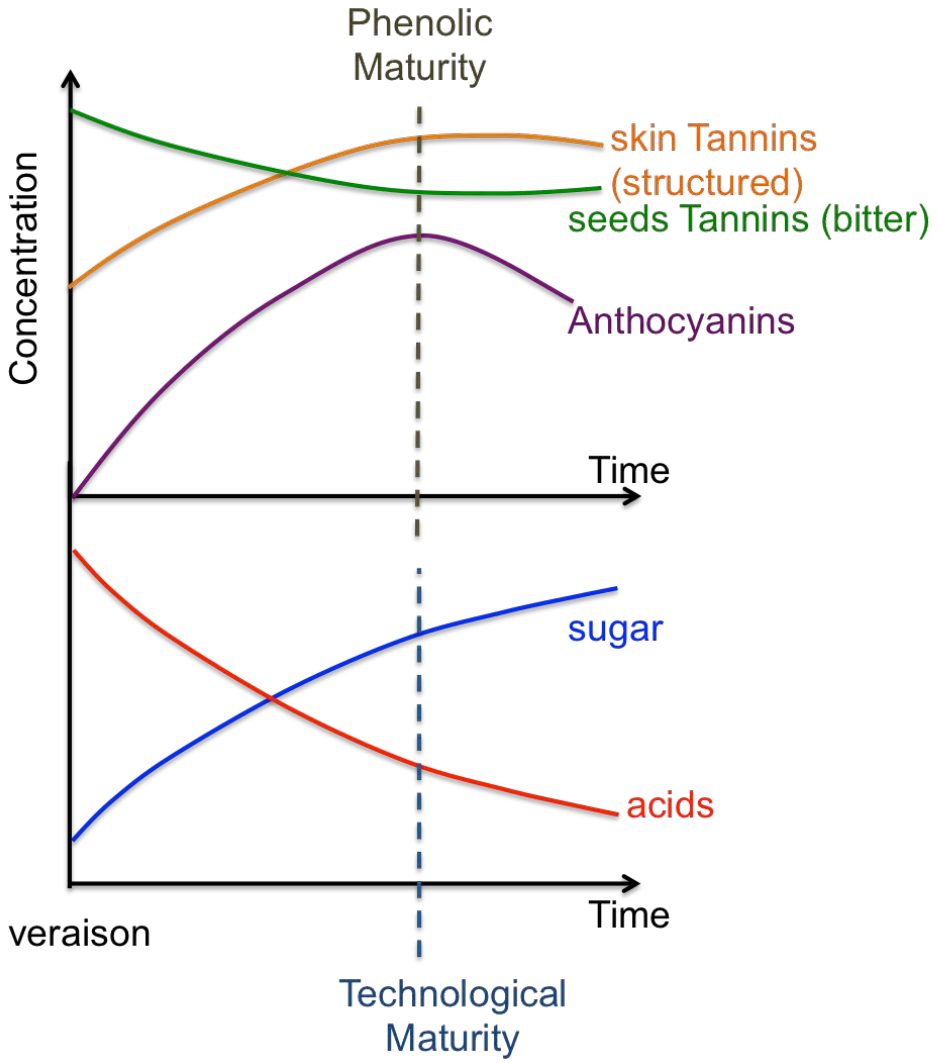
GRAPE PHENOLIC MATURITY:
WHAT DOES IT LOOK LIKE?



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GRAPE PHENOLIC MATURITY:
HOW TO MEASURE IT?

CONDUCTING BERRY SENSORY ASSESSMENT

IN-HOUSE:

- Glories Method:
  - Anthocyanins concentration
  - Extractable anthocyanins
  - Seed contribution
  - Total phenolics

THIRD PARTY LAB:

- Anthocyanins
- Tannins
- Catechin

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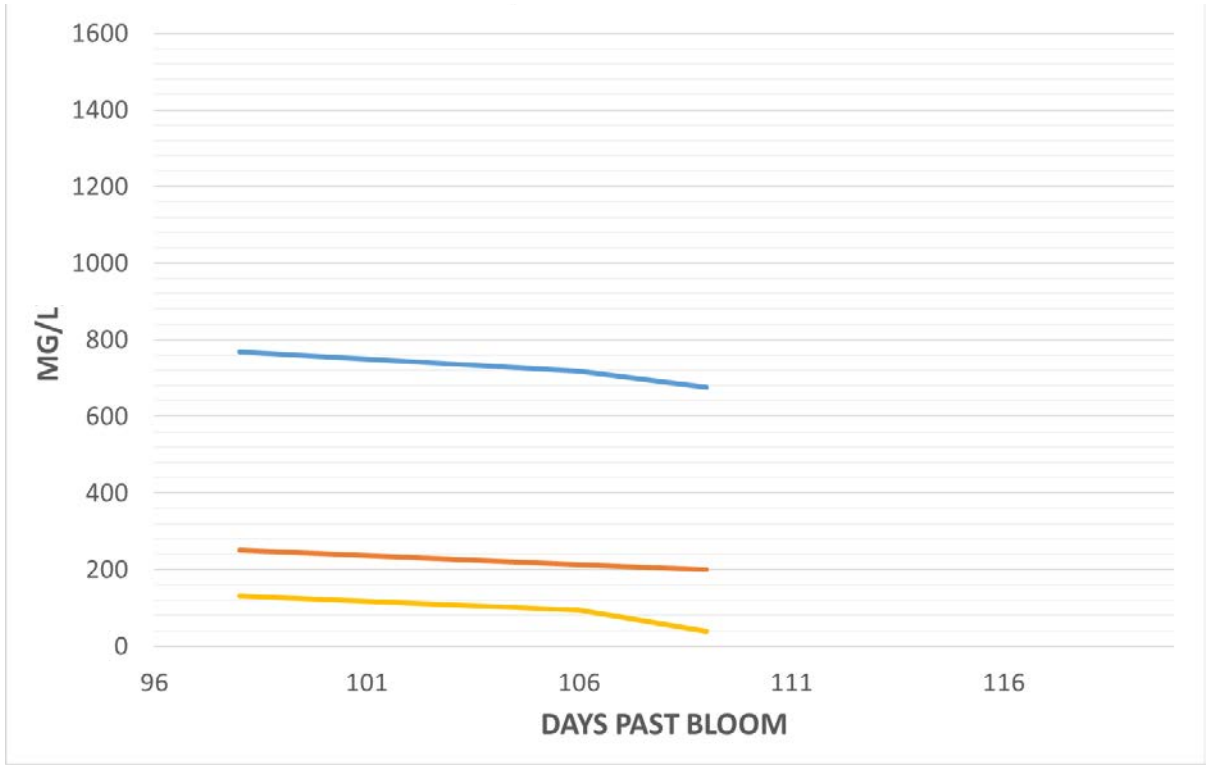
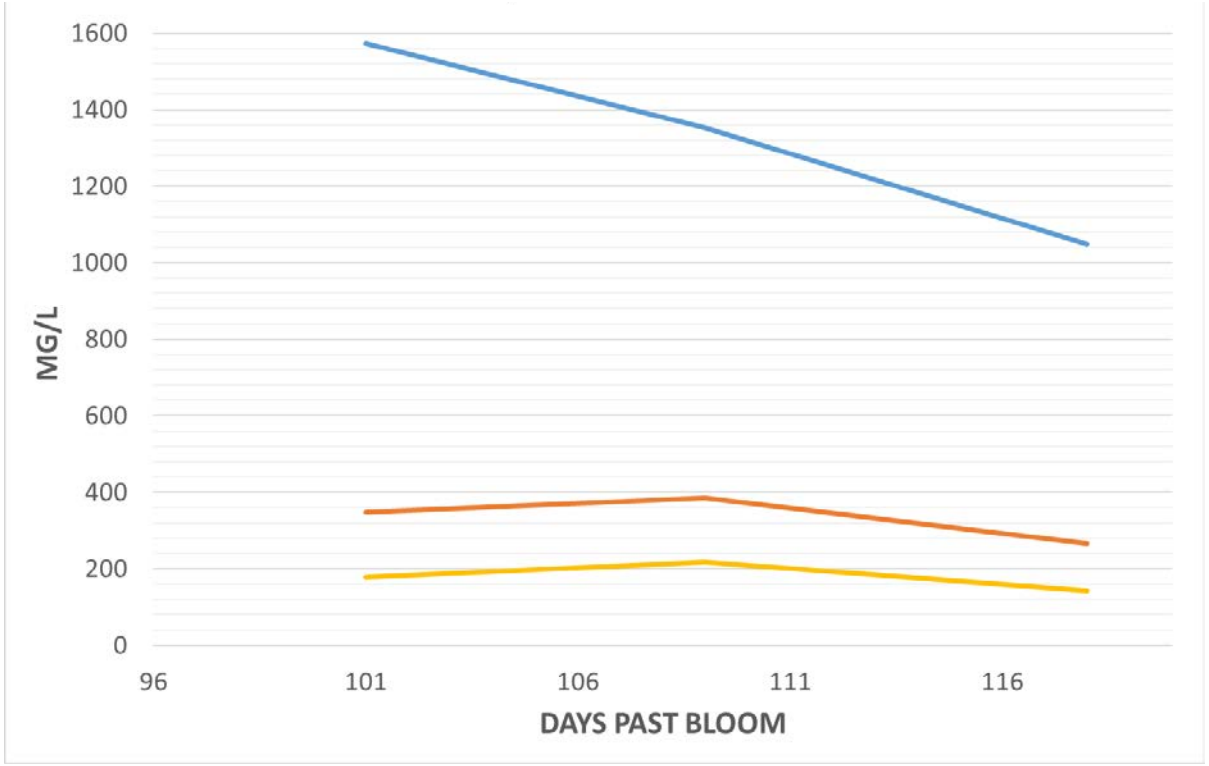
REGIONAL DIFFERENCES

COLUMBIA RIVER GORGE



UMPQUA VALLEY



total anthocyanins tannin catechin

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harvest 2019 data

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REGIONAL DIFFERENCES

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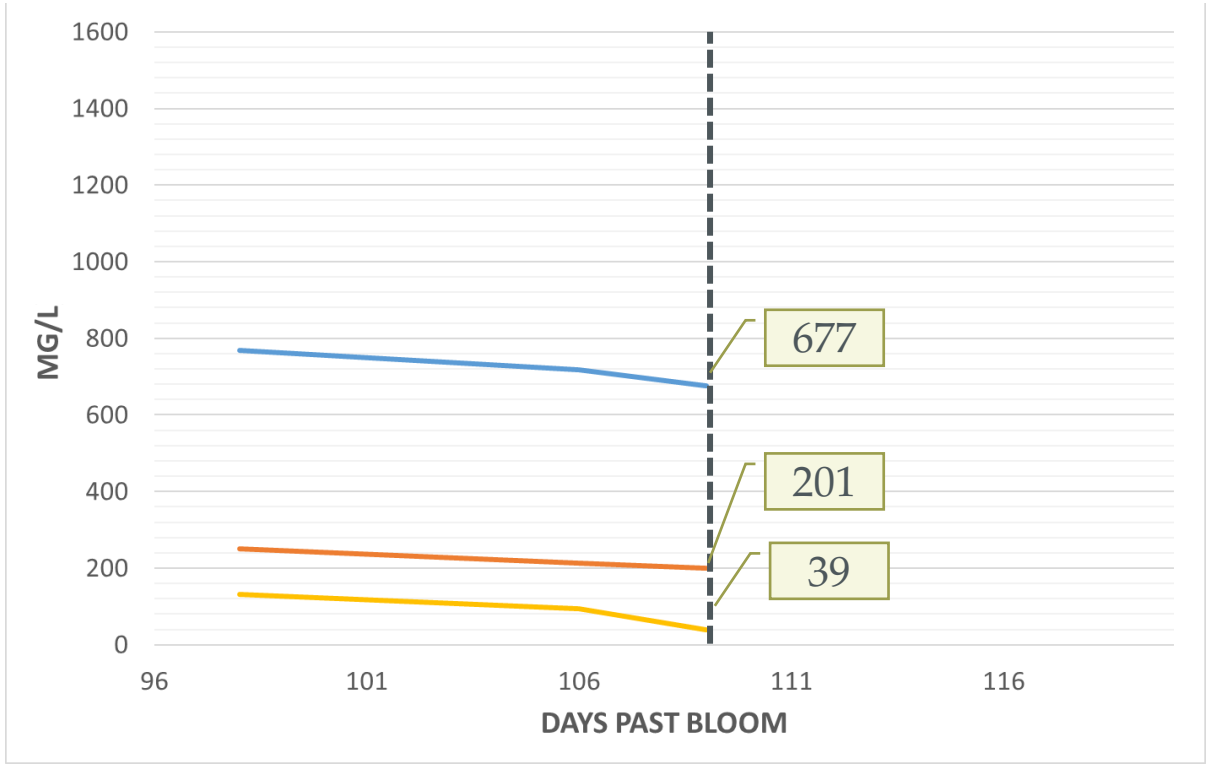

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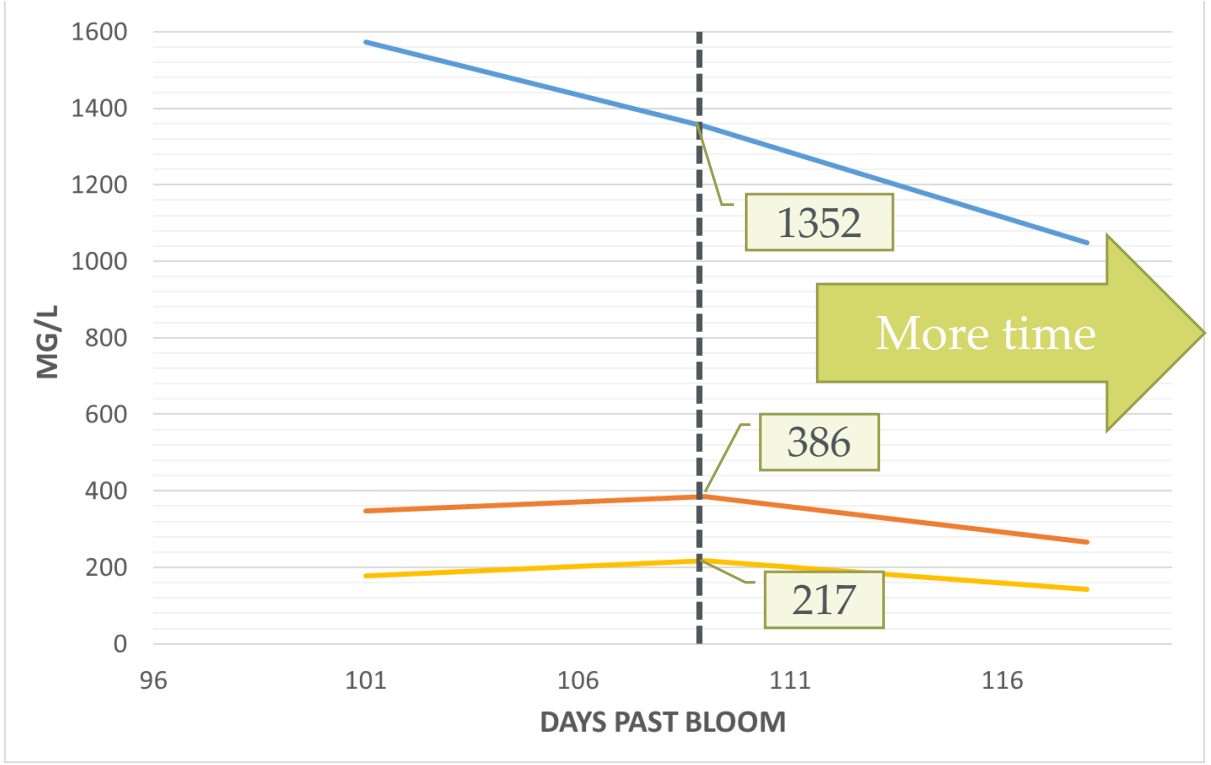

total anthocyanins tannin catechin

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harvest 2019 data

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HARVEST 2020

123 DAYS UNTIL BLOOM…MAYBE?

Who is ready?

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