



# Nebraska VineLines

UNIVERSITY OF  
**Nebraska**  
Lincoln EXTENSION

**University of Nebraska Viticulture Program**

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May 2019  
Issue XXII – 2

## SMART VITICULTURE RETURNS TO NEBRASKA!

June 20 marks the newest opportunity to learn from Richard Smart, “The Flying Vine Doctor. He will lead the following tentative program at Soaring Wings Vineyard, Springfield Nebraska. Further details will be posted on the University of Nebraska Viticulture Program web site <http://viticulture.unl.edu> or call Paul at 402-472-5136 or [pread@unl.edu](mailto:pread@unl.edu) or Steve [sgamet@unl.edu](mailto:sgamet@unl.edu)

9:00am –Registration, coffee and rolls, time to interact with Richard and UNVP staff

10:00am – **Canopy Management for Better Yields and Better Quality** – tentative topics:

- Principles of canopy management
- The role of various trellis systems including high wire
- The critical role of shoot positioning.

10:45am – **Trunk Disease: Is it costing you money?**

- Trunk disease pathogens – confirmed in the Midwest
- Common symptoms of Trunk Disease and confusion with winter injury
- Tissue samples for lab analysis
- Management procedures to avoid trunk disease
- Mark symptomatic vines, spring, summer or winter
- Trunk renewal in winter, spring
- Wound protection? Double pruning? Remove pruning debris?

11:15am – **ACE, Simply and Cheaply Improves Red Wine Quality!**

- ACE is an acronym for Accentuated Cut Edges
- Method depends upon treatment of freshly fermented must to fragment skins without damaging seeds

- A portable machine has been developed by Della Toffola of Italy which attaches in the must line between the crusher and fermenter
- Results in more rapid release of skin color and tannins, and formation of stable wine color
- Has shown significant improvement in wine composition and quality
- Has also shown benefits of improved white wine aroma
- ACE can be demonstrated for small ferments by macerating the cap using commercial stick blenders

Noon – Lunch (included in registration fee)

1:00pm - **In the Vineyard**

- Hands-on examination of Trunk Disease, with discussion and demonstration
- Canopy Management - discussion and demonstration

**Cost:** \$35.00 for first person from enterprise, \$25.00 per additional person from the same enterprise or family (includes lunch)

**Location:** Soaring Wings Vineyard, 17111 S. 138<sup>th</sup> St., Springfield Nebraska

**Registration:** Send check to University of Nebraska Viticulture Program Department of Agronomy and Horticulture, 279 Plant Sciences Hall, Lincoln, NE 68583-0915

**Registration Deadline:** Tuesday, June 18, 2019

**TIME TO GET ACTIVE IN YOUR VINEYARDS (THE PESTS ARE ALREADY THERE!)**

What needs attention:

- Scouting for insects. Your grapevine buds offer a succulent meal for our old friends, climbing cutworm, flea beetles and especially the grape flea beetle. Flea beetles will bore into the grape

bud as it is approaching bud burst (E-L Stage 4) and beyond, thus ruining the potential crop. Remember, all of this year's vine growth, including flower clusters, are in that bud (they were formed last summer), so a critter eating the insides of the vine's new buds can be a catastrophe. Likewise, climbing cutworms will consume all or most of that soft new growth and you may not know that they are there since they are nocturnal. Digging around the base of the vine may show you their presence because they migrate back into the soil in the daytime. Control with appropriate sprays only if these insects are in abundance. See the 2019-2020 Midwest Fruit Pest Management Guide and always follow label directions. Remember, the label is the law.

- Fungal diseases. The Big Four, Black rot, Phomopsis and Downy and Powdery Mildews require control on young tissues, those new shoots that are now elongating (or soon to be in the western part of the state). In contrast to the above-mentioned insect problems, preventive sprays are warranted every year, especially in the

more humid parts of Nebraska and the Midwest. The Midwest Pest Management Guide provides suggested product options for controlling these diseases. Some specialists *recommend initial applications as soon as green stem tissue becomes visible, noting that **early control is critical**. Even a small amount of Phomopsis, downy mildew or powdery mildew is serious because early-season disease sets up potential epidemic conditions for the rest of the season.*

- *Vineyard Hygiene. Insects such as the Grape Cane Borer (*Amphicereus bicaudatus*) and spores of serious fungal diseases, e.g., Black Rot (*Guignardia bidwellii*), Phomopsis (*Phomopsis viticola*) may have overwintered in mummy berries and prunings. Removing and destroying these sources of inoculum can help the overall success of your pest management program. The best approach is to burn the prunings and mummy berries (usually removed when cleaning up the prunings). As with the old saying, "cleanliness is next to godliness", so too is vineyard sanitation an important premise, truly a must!*

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## Reminder Calendar:

**June 20, 2019**, Smart Viticulture Workshop and Field Day (See above story for details.)

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**July 7-12, 2019**, International Conference on Grapevine Trunk Disease at Penticton, British Columbia, Canada. Complete details: <http://iwgtd2019.ca/>

**July 16-18, 2019** Digital Viticulture Symposium vineyard tour & equipment demonstration and Nelson J. Shaulis symposium at the ASEV-Eastern Section meetings. [Details](#).

**August 15-16, 2019**, North American Grape Breeders Conference – [Missouri State University](#), Mountain Grove, MO. Details later.

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### 2020 Events

**July 12-17, 2020**, International Cool Climate Wine Symposium - CCOVI at Brock University – St. Catharines, Ontario, Canada. Details: <http://iccws2020.ca/>

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