Steiner and Ellis Headline 11th Annual Forum

Renowned enologist Dr. Todd Steiner and Plant Pathologist Dr. Mike Ellis will be featured speakers at the 11th Annual Nebraska Winery and GrapeGrowers Forum and Trade Show to be held February 28-March 1, 2008, at the Kearney Holiday Inn Conference Center. Steiner is Ohio State University’s Enology Specialist, conducting research on winemaking, wine chemistry and flavor development in wines. He also serves as advisor to Ohio’s more than 130 wineries, a number that has continued to grow during the latter part of the 20th Century and into the 21st Century.

Dr. Mike Ellis is back by popular demand for our 11th Forum. Mike has specialized in the study and management of fruit diseases for more than 20 years, with an emphasis on prevention and control of fungal diseases of grapevine. Many Nebraska grape growers will remember the Fall Workshop held in 2002 which focused on Disease Management. As Nebraska’s burgeoning grape and wine industry continues to develop, more and more disease pressures have become of concern to grape growers trying to produce high quality grapes that will enable our winemakers to approach making that perfect bottle of wine. Dr. Ellis will provide insights into disease identification, methods of disease management — both chemical and non-chemical approaches — as we try to keep diseases from damaging our high quality grapes and thus facilitate potentially top-shelf wines.

Oh, That Red Wine Headache

What causes that “red wine headache”? Researchers have recently identified biogenic amines (BAs) compounds naturally produced by lactic acid bacteria during wine fermentation. Although the “red wine headache” was previously thought to be related to sulfites, BAs such as histamine and tyramine are now considered the major cause of this ailment. Typically found in wines at around 2 to 8 parts per million (ppm), BAs rarely cause problems at such levels. Keeping BAs at safe levels can be accomplished by winery practices that discourage lactic acid bacteria, including use of yeast and bacteria that can out-compete undesirable microbes, keep pH levels as low as feasible for the desired wine style, use proper SO2 levels and timing and as always, unwanted microbial contamination (“cleanliness is next to Godliness”, an old bromide worthy of adopting for your winery’s mantra.”

Something New Has Been Added for the 11th Forum

Workshops on Fundamentals of Viticulture and Winery Start-Up have been added for Thursday afternoon, February 28, 2008, at 1:00p. These two concurrent workshops are intended to be a primer for individuals in the early stages of establishing a vineyard or winery, but are open to any individuals that want to brush up on the basics of viticulture or enology. The workshops will precede the usual program from previous Forums, with the opportunity to browse the Trade Show and attend the NWGGA business meeting on Friday morning (February 29), followed by the Keynote Lectures on Friday afternoon, the tasting of Nebraska’s finest wines and the ever-popular banquet. Saturday’s program will feature presentations by Dr. Ellis and Dr. Steiner in concurrent sessions, with up-dates on cultivar studies, cluster removal, cold hardiness, GIS mapping, environmental and legal issues, winemaking and viticulture panel discussions.
Fundamentals of Viticulture

1:00 Introduction – Paul Read, Director, University of Nebraska Viticulture Program

1:10 Site Selection, Soil Testing and Site Preparation, Paul Read

2:45 Refreshment Break

3:00 Cultivar Characteristics and Selection, Paul Read

3:30 Basics of Grape Disease Control, Dr. Mike Ellis, Ohio State University Plant Pathologist

4:00 Economics of Vineyard Start-up; Tricks You Can Use, Paul Read and Steve Gamet, UNL

4:30 Discussion, Q&A

Winery Challenges and Opportunities

1:00 Introduction – Jim Shaw, Chair, NWGGA Winery Council

1:10 Acid Reducing Techniques in Must and Wine – Dr. Todd Steiner, Ohio State University Enologist

2:00 The Importance of Juice Clarification, SO2 and Sorbate Management in the Production of Premium Table Wines – Todd Steiner

2:45 Refreshment Break

3:00 Performing a Successful Malolactic Fermentation: An Overview of Malolactic Research at OSU/OARDC Todd Steiner

3:45 Overcoming Difficulties and Challenges in Making Wines from Hybrid Cultivars – Ed Swanson, Cuthills Vineyards, Pierce, NE.

4:30 Discussion, Q&A

Mike Ellis—Ohio State University Plant Pathologist

Areas of Special Interest
Diseases of fruit crops; primarily apples, peaches, strawberries, raspberries and grapes. Development and implementation of Integrated Disease Management programs for the fruit crops grown in Ohio. I am also interested in epidemiology of fruit crop diseases and disease forecasting.

I have been at my current position as fruit pathologist at The Ohio State University in 1979. At Ohio State, I conduct research on the epidemiology and control of fruit crop diseases. I also work very closely with fruit growers and other people in the fruit industry to deliver up-to-date information on disease management for fruit crops.

Research Area
Much of my research is directed toward developing various components of integrated disease management programs for Ohio fruit crops. Most of the research involves studies on the epidemiology, etiology and ecology of the major fungal pathogens on strawberries, grapes and apples. On grapes, we have developed predictive models for black rot, caused by Guignardia bidwellii and downy mildew, caused by Plasmopora viticola. We also conduct annual evaluations to determine the efficacy of experimental and nonregistered fungicides for controlling the major fungal pathogens on Ohio’s fruit crops.

Extension/Outreach Activities
In addition to responsibilities in research and teaching, I am a State Extension Specialist with Ohio State University Extension. It is my duty to provide the most reliable and current information available on diagnosis and control of fruit crop diseases to Ohio fruit growers and other interested clientele.
University of Nebraska Viticulture Program Presents
The 11th Annual
Nebraska Winery and GrapeGrowers Forum and Trade Show
Holiday Inn, Kearney, NE
February 29 and March 1, 2008
Day 1

Friday
February 29, 2008

8:00a Registration Opens – Commons Registration Area
8:30 – 10:00a NWGGA Annual Business Meeting
10:00a-11:00a NWGGA Growers Council Regional Meetings
10:00a-6:30pm Trade Show open – Silent Auction Open – Loper Hall
11:30a-1:00p Lunch – On Your Own
12:00 – 1:00p NWGGA Board Meeting
Plenary Session – Room DEF
1:00p – 1:15p Welcome to the Eleventh Annual Nebraska Winery and
GrapeGrowers Forum and Trade Show
Moderator: Dr. Paul Read, Professor, University of Nebraska Viticulture Program
1:15p Quality Matters: Critical Parameters in the Production of a Quality Table Wine
Dr. Todd Steiner, Ohio State University Enologist
2:15p Critical Periods for Disease Control on Grapes – Dr. Mike Ellis, Ohio State University
Plant Pathologist
3:00p – 3:30p Break – Visit Trade Show – Loper Hall
3:30 GIS and a New Mapping Project for Nebraska Vineyards – Dr. Don Rundquist,
CALMIT, University of Nebraska
4:15p-7:00 Visit Trade Show – Loper Hall
5:30p-6:30p Wine Tasting – Loper Room
7:00p – Midnight Annual Banquet – Ballroom – Silent Auction Winners –
The Music to Dance By – “Tunafish Jones”.

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Day 2

Saturday
March 1, 2008

7:00a-8:30a  Early Bird Trade Show – Coffee and Rolls for attendees

Concurrent Sessions

Session I—Viticulture Session

8:30a  New Developments in Grape Disease Management - Mike Ellis
9:15a  Growers Panel – Labor in the Vineyard: How are your needs being met?
10:00a  Break – Visit Trade Show
10:45a  Managing Fungicide Resistance Development in Grape Diseases, Mike Ellis
11:00a  Western Nebraska Research Results – Jim Schild, UNL Extension Educator, Scottsbluff, NE
11:30a-1:30p  Lunch – Visit the Trade Show – Loper Hall
1:30p  Ten Years of Cultivar Evaluation: Bud Break, Hardiness and More, Paul Read
2:00p  “Cluster Removal Project” – Two Years Results – Jim Hruskoci, UNL Extension Educator, Southeast Research and Extension Center, Grand Island, NE
2:40p  Pruning and Vine Management – Steve Gamet, University of Nebraska Viticulture Program

Session II

8:30a  An Overview of Several Enology Studies at the Ohio State University /OARDC, Todd Steiner
9:15a  Winery – Panel Discussion
9:45a  Break – Visit Trade Show
10:30a  An Update of the Ohio Quality Wine Assurance Program – Todd Steiner
11:30a-1:30p  Break – Visit Trade Show – Loper Room
1:30p  We All Need to be a Little More Fruity—The Importance of Integrating Innovation into Your Operations—Connie Reimers-Hild; Associate Extension Educator; Southeast Research and Extension Center, University of Nebraska, Nebraska City, NE.
2:00p  Legislative Up-Date – Trish Lengel
2:30p  Nebraska Liquor Control Commission – An Up-date
3:00p  Promoting Nebraska Wines – Snitely/Carr representative
4:00p  Adjourn—Have a safe trip home.

Thanks for attending—See you November 1, 2008 for the Fall Workshop
Nebraska’s Newest Tasting Room

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Values of Delayed Pruning

One of the primary positive impacts of delaying winter pruning is the concomitant delay in bud break which in turn can help avoid late frost/freeze damage to the developing shoots. An additional advantage has been shown recently by New Zealand researchers (Friend, A.P. and M.C.T. Trought, Australian Journal of Grape and Wine Research 1:3.157-164. By delaying pruning from July until October (equivalent to January and April in the Northern Hemisphere), increases in yield in three successive years of 93%, 63% and 82% were achieved. The authors demonstrated that the yield increases were related to an increase in large seed-containing berries with a parallel reduction in small seedless berries and shot berries. When pruning in October, the distal buds had gone through bud break and on average were about two inches long (5cm). The authors theorized that the delayed pruning delayed flowering, possibly resulting in flowering and fertilization taking place under more favorable climatic conditions which in turn resulted in more normal berries per bunch and thus an increased yield. (End)

Todd Steiner, to speak at Enology Workshop and 11th Forum in Kearney

Todd Steiner, is a Research Associate with the Department of Horticulture and Crop Science, at Ohio State University. Competition Coordinator and OSU Enology Outreach Specialist, Todd Steiner explains, "It is our goal to provide an educational tool in addition to a marketing tool for the Ohio Wine Competition. Through the combination of chemical analysis and the judge's comments we are able to address "Wine Quality" from both a sensory and quantitative basis. I believe that by providing this information to the Ohio commercial wine industry over the past five years, it has had a positive effect on wine quality. The successful results we have achieved in this year's competition demonstrate that our extension outreach is working."
Tunafish Jones began performing in the mid-eighties as a classic horn band and has continued up to the present playing memorable tunes from rhythm and blues, soul and jazz genres. Based around the team of Bruce and Marsha McCracken, who present professional and polished vocals as the focal point, this band has entertained thousands of enthusiastic fans over the 4 years.

BANQUET MENU

Friday Night, February 29, 2008 7:00 p.m.
Holiday Inn, Kearney, NE.

Cream of Roasted Tomato Soup
Mixed Greens with Slivered Almonds, Dried Cranberries, with Raspberry Vinaigrette Dressing
Your Choice of:
Prime Rib with Demi Glaze
or
Orange Roughy with Citrus Glaze
Garlic Mashed Potatoes, Fresh Asparagus Spears, French Roll with Butter
Coffee, Tea or Milk
Sour Creak Pound Cake with Triple Berry Delight

(Wines and Wineries serving at the Banquet will be announced later).
2008 Winery and Grape Growers Workshop
Registration Form

ON LINE REGISTRATION IS AVAILABLE—January 15, 2008. Instructions will be on the University of Nebraska Viticulture Program
Web-site: http://agronomy.unl.edu/viticulture Mastercard and Visa are available—On-line
OR YOU MAY REGISTER THE OLD FASHIONED WAY! By sending a check to the address below:

First registrant from your enterprise:

Name:____________________________________________________  Member       Non-Member
$110   ______      $120________

Name:__________________________________________________________     $95._________    $110________

Name: __________________________________________________________     $95_________    $110________

Vineyard/Winery_______________________________________________________

Address_____________________________________City_______________________State_______Zip________

E-Mail_____________________________________________________________________________________

Thursday Workshops: 1:00 p.m.—5:00 p.m.  Member Non-member
$25.00                  $50.00

Enology ___________  Name:  _______________________________   _______ _________

Viticulture Basics _______ Name:   _________________________________________ _________

Banquet Registration: Beef Fish $49.50

Name:______________________________________________________ $ ______  ______  ______

Name:______________________________________________________ $ ______  ______  ______

Name:______________________________________________________ $ ______  ______  ______

Name:______________________________________________________ $ ______  ______  ______

TOTAL:          $__________

Make checks payable to the University of Nebraska Viticulture Program, and send them to:

Donna Michel
University of Nebraska
377 Plant Science Hall
Lincoln, NE  68583-0724

Same Day Registration:  $150.00

Registration Deadline:  2-20-08
No refunds after 2-15-08

You are responsible for making and paying for your own hotel reservations.
Kearney Holiday Inn & Convention Center
110 Second Avenue
Kearney, NE
308-237-5971    $74.95 + tax
From the Calendar:

February 4-6, 2008; Midwest Regional Grape & Wine Conference, TanTara Resort, Osage Beach, MO    http://www.missouriwine.org.
February 8-9 — The Iowa Wine Growers Association Annual Meeting and Conference in Ankeny, IA.  800-383-1682 for info.
February 15-16, 2008—Minnesota Cold Climate Symposium, Minneapolis—contact:  http://www.mngrapes.org/

2008—Feb. 28-March 1—Holiday Inn, Kearney—Nebraska Winery and GrapeGrowers Forum and Trade Show
March 4-7—Wineries Unlimited Valley Forge Convention Center, King of Prussia, PA
Conference Dates: March 4-7, 2008  Trade Show Dates: March 5-6, 2008.  Visit www.wineriesunlimited.com for more information or call 866-483-0172

Future Nebraska Winery & GrapeGrowers Forums
2009—March 6 & 7, Holiday Inn, Kearney, Holiday Inn, Kearney
2010—March 5 & 6, Holiday Inn, Kearney, Holiday Inn, Kearney