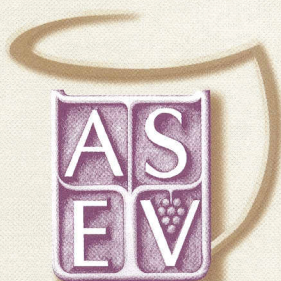


AMERICAN JOURNAL  
*of*  
ENOLOGY AND VITICULTURE

---

VOLUME 63 *2012* NUMBER 2



PUBLISHED BY THE AMERICAN SOCIETY FOR ENOLOGY AND VITICULTURE

*Since 1950*

AMERICAN JOURNAL  
*of*  
ENOLOGY AND VITICULTURE

VOLUME 63 **2012** NUMBER 2

CONTENTS

- Influence of Floor Management Technique on Grapevine Growth, Disease Pressure,  
and Juice and Wine Composition: A Review  
*B. Guerra and K. Steenwerth* ..... 149 - 164
- Geographic Origin and Diversity of Wine Strains of *Saccharomyces*  
*L.F. Bisson* ..... 165 - 176
- Anthocyanin Accumulation in Various Organs of a Teinturier Cultivar (*Vitis vinifera* L.)  
during the Growing Season  
*L. Guan, J.H. Li, P.G. Fan, S. Chen, J.B. Fang, S.H. Li, and B.H. Wu* ..... 177 - 184
- Profiling the Yeast Communities of Wine Fermentations Using Terminal Restriction  
Fragment Length Polymorphism Analysis  
*N.A. Bokulich, C.F. Hwang, S. Liu, K.L. Boundy-Mills, and D.A. Mills* ..... 185 - 194
- Assessment of Physicochemical Differences in Nebbiolo Grape Berries from  
Different Production Areas and Sorted by Flotation  
*L. Rolle, F. Torchio, S. Giacosa, S. Río Segade, E. Cagnasso, and V. Gerbi* ..... 195 - 204
- Enhanced Extraction of Phenolic Compounds from Merlot Grapes by  
Pulsed Electric Field Treatment  
*C. Delsart, R. Ghidossi, C. Poupot, C. Cholet, N. Grimi, E. Vorobiev, V. Milisic,  
and M. Mietton Peuchot* ..... 205 - 211
- Grape Maturity, Yield, Quality, Sensory Properties, and Consumer Acceptance of  
Fiesta and Selma Pete Dry-on-Vine Raisins  
*G.P. Parpinello, H. Heymann, S. Vasquez, K.A. Cathline, and M.W. Fidelibus* ..... 212 - 219
- Effect of Oenotannin Addition on the Composition of Sangiovese Wines from  
Grapes with Different Characteristics  
*V. Canuti, S. Puccioni, G. Giovani, M. Salmi, I. Rosi, and M. Bertuccioli* ..... 220 - 231
- Elemental Patterns of Wines, Grapes, and Vineyard Soils from Chinese Wine-Producing  
Regions and Their Association  
*J.F. Zou, Z.X. Peng, H.J. Du, C.Q. Duan, M.J. Reeves, and Q.H. Pan* ..... 232 - 240
- Compositional and Sensory Impacts from Blending Red Wine Varietals  
*L.M. Dooley, R.T. Threlfall, J.F. Meullenet, and L.R. Howard* ..... 241 - 250
- Consequences of *Mesocriconema xenoplax* Parasitism on Pinot noir Grapevines  
Grafted on Rootstocks of Varying Susceptibility  
*R.P. Schreiner, I.A. Zasada, and J.N. Pinkerton* ..... 251 - 261

continued next page

Evaluating Grapevine Cultivars for Resistance to Anthracnose Based on Lesion Number and Length

*A. Kono, A. Sato, M. Nakano, M. Yamada, N. Mitani, and Y. Ban* .....262 - 268

Effects of Mulching Materials on Soil and Performance of cv. Nero di Troia Grapevines in the Puglia Region, Southeastern Italy

*G. Ferrara, M. Fracchiolla, Z. Al Chami, S. Camposeo, C. Lasorella, A. Pacifico, A. Aly, and P. Montemurro* .....269 - 276

**Research Notes**

Rootstock Effects on Primary Bud Necrosis, Bud Fertility, and Carbohydrate Storage in Shiraz

*C.M. Cox, A.C. Favero, P.R. Dry, M.G. McCarthy, and C. Collins* .....277 - 283

Effects of Balanced Pruning Severity on Traminette (*Vitis* spp.) in a Warm Climate

*S.B. O'Daniel, D.D. Archbold, and S.K. Kurtural* .....284 - 290

Intravarietal Agronomic Variability in Croatian Native *Vitis vinifera* L. Cultivar Grk with Female Flower and Seedless Berries

*D. Preiner, J. Karoglan Kontić, S. Šimon, Z. Marković, D. Stupić, and E. Maletić* .....291 - 295

**Technical Brief**

A Computational Approach for Balancing Competing Objectives in Winegrape Production

*J.M. Meyers, G.L. Sacks, and J.E. Vanden Heuvel* .....296 - 300