

Bruce P. Bordelon

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Research and extension conducted in grapes and small fruit, with emphasis on integrated crop management to improve economics of production, fruit quality, and sustainability. Evaluate new grape cultivars for superior fruit quality and adaptation to Indiana climates and soils.

EDUCATION

Ph.D. Plant Sciences, University of Arkansas, 1991
M.S. Plant Pathology, Montana State University, 1981
B.S. Plant Pathology, Oklahoma State University, 1978

SCIENTIFIC EMPLOYMENT

2009-present Professor, Dept. of Horticulture and Landscape Architecture, Purdue University
1997-2009 Associate Professor, Dept. of Horticulture and Landscape Architecture, Purdue University.
1991-1997 Assistant Professor, Dept. of Horticulture and Landscape Architecture, Purdue University.
1982-1991 Research Assistant, Dept. of Horticulture and Forestry, University of Arkansas
1981-1982 Research Associate, Southwest Missouri State Univ., State Fruit Experiment Station
1978-1981 Graduate Assistant, Dept. of Plant Pathology, Montana State University

PROFESSIONAL MEMBERSHIPS

American Society for Enology and Viticulture
American Society for Horticultural Science
American Pomological Society

AWARDS

2003 Purdue University Cooperative Extension Specialist Association Senior Award
1997 Purdue University College of Agriculture Dean's Team Award for Excellence in Interdisciplinary Research and Education. (Purdue Wine Grape Program)

BORDELON SELECTED REFERRED PUBLICATIONS

Skinkis, P.A., **B.P. Bordelon**, E. M. Butz. 2010. Effects of Sunlight Exposure on Berry and Wine Monoterpenes and Sensory Characteristics of Traminette. *Amer. J. Enol. Vitic.* 61 (2) In press.

Skinkis, P.A., **B.P. Bordelon**, K.V. Wood. 2008. A Comparison of Monoterpene Constituents of Traminette, Gewurztraminer and Riesling Wine Grapes. *Am. J. Enol. Vitic.* 59: 440-445.

Bordelon, B.P., P. Skinkis, and P. Howard. 2008. Impact of Training System on Vine Performance and Fruit Composition of Traminette. *Am. J. Enol. Vitic.* 59: 39-46

Muñoz-Espada A.C., K.V. Wood, **B. Bordelon**, and B.A. Watkins. 2004. Anthocyanin Quantification and Radical Scavenging Capacity of Concord, Norton, and Marechal Foch Grapes and Wines. *J. Agric. Food Chem.* 52:6779-6786

Hancock, P. Callow, R. Kessler, D. Prince, and **B. Bordelon**. 2000 A crop estimation technique for blueberries. *J. Amer. Pom. Soc.* 54(3): 123-129

Mondragon, C., N. Doudareva, and **B. Bordelon**. 2000. DNA Extraction from Several Cacti. *HortScience* 35(4): 1124-1126.

Salzman, R., I. Tikhonova, **B. P. Bordelon**, P. M. Hasegawa and R. A. Bressan. 1998. Coordinate accumulation of antifungal proteins and hexoses constitutes a developmentally controlled defense response during fruit ripening in grape. *Plant Physiol.* 117: 465-472.

Bordelon, B.P. and S.C. Weller. 1997. Pre-plant cover crops affect weed and vine growth in first-year vineyards. *HortScience* 32: 1040-1043

Bordelon, B.P., D.C. Ferree, and T.J. Zabadal. 1997. Grape bud survival in the Midwest following the winter of 1993-1994. *Fruit Varieties Journal* 51: 53-59.

BORDELON SELECTED EXTENSION PUBLICATIONS

Midwest Grape Production Guide. 2005. Dami, I., B. Bordelon, D. Ferree, M. Brown, M. Ellis, R. Williams, and D. Doohan. Ohio State University Extension Bulletin 919.

Midwest Commercial Small Fruit and Grape Spray Guide. Bordelon, B.P., M.A. Ellis, C. Welty, and R. Foster (Eds.) Revised annually. Coordinating Editor. 11 states.

Midwest Small Fruit Pest Management Handbook. 2004. M.A. Ellis Funt, R.C., C. Welty, R. N. Williams, D. Doohan, M. Brown, and B. Bordelon. Ohio State University Extension Bulletin 861.

Grape Varieties for Indiana. 2009. Bordelon, B.P. Purdue University Extension Publication HO-221-W

Commercial Winemaking Series: Traminette Vineyard Management. 2010. Bordelon, B.P., C.E. Butzke, and J.K. Merritt. Purdue University Extension Publication FS-60-W

Watch Out for Grapes. Driftwatch Factsheet. Bordelon, B.P. 2010. Purdue University Extension Publication DW-10