

**APPENDIX F**  
**COOPERATION AND INSTITUTIONAL UNITS**

**Cornell University (Lead Institution)**

**Roles: Project Administration, Viticulture, Enology, and Marketing Research and Extension**

**Budget: \$2,627,860**

**Dr. Tim Martinson** (PD) will provide overall management of the project. He will attend appropriate workshops and meetings, contribute to and oversee data analysis and manuscript submission, and have prime responsibility for dissemination of data and resources arising from the project. He will interact with the participants as outlined in the Management Plan. He will lead the data collection, analysis, and summary publications for vineyard studies in Obj. 1a, and participate in data collection and specific studies as outlined in Obj. 2a and 2b. He will also coordinate, with assistance from C. Particka (eXtension) planning and production of outreach materials (Extension Timeline).

**Dr. Miguel Gomez** (Co-PI) will lead cost of production studies (Obj. 4d), serve on the Consumer/Marketing team, and assist on the project evaluation team.

**Dr. Anna Katharine Mansfield** (Co-PI) will lead the Enology group, oversee fruit chemistry and winemaking (Obj. 1a); lead winemaking process trials (Obj. 3, all sub-objectives as listed); and organize project evaluation activities for Obj. 3 sub-objectives as listed in evaluation logic model (p. 14-26).

**Mr. Chris Gerling** (Collaborator, biographical sketch attached) manages the vinification and brewing laboratory at Cornell, and will direct winemaking in support of Obj. 1a, 2a (supporting Martinson), winemaking trials (Obj. 3); serve on Enology team; serve as the New York state extension leader on the extension team; and participate in and plan extension workshops/publications.

**Ms. Anna Wallis** (Collaborator, biographical sketch attached) will serve on the Viticultural studies team and will manage vineyard trial in northeastern New York.

**Connecticut Agricultural Experiment Station**

**Roles: Viticulture Research and Extension**

**Budget: \$41,096**

**Dr. Frank Ferrandino** (Co-PI) will lead vineyard research trials in Connecticut (Obj. 1a), and serve on the Viticultural studies team, and as state representative on Extension team.

**Iowa State University**

**Roles: Project Evaluation, Viticulture, Enology, and Marketing Research and Extension**

**Budget: \$502,613**

**Dr. Murli Dharmadhikari** (Co-PI) will have co-responsibility with Anna Katherine Mansfield for overseeing fruit chemistry and winemaking (Obj. 1a); lead winemaking process trials (Obj. 3, all sub-objectives as listed); lead Obj. 4d; serve on extension team as

state extension leader for Iowa; on the Consumer/Marketing team; and serve as a Liaison to Project Advisory Council team.

**Dr. Jacek Koziel** (Co-PI) will lead project work on Objs. 1a (sensory profiling) and 1b (volatile metabolites) and serve as a member of the Fruit Composition and Genetics group.

**Dr. Paul Lasley** (Co-PI) will lead and coordinate project evaluation. He will work the evaluation team (see p. 14) to provide overall project evaluation through start and close of project surveys of stakeholders and with subject-area team leaders to provide evaluations of each sub-objective.

**Dr. Gail Nonnecke** (Co-PI) will lead research vineyard trials in Iowa (Objs. 1a, 2a, 2b), serve on the Viticultural studies team, advise and direct graduate students, and participate in project evaluation activities around Objs. 1a and 2.

**Mr. Michael White** (Collaborator, biographical sketch attached) will work with vineyard extension demonstration projects (Objs. 1a, 2a, 2b) in collaboration with co-PI's Dharmadhikari and Nonnecke and serve on the Extension and Evaluation teams.

### **Michigan State University**

**Roles: Viticulture and Marketing Research and Extension**

**Budget: \$359,495**

**Dr. Don Holecek** (Co-PI) will conduct consumer marketing studies (Obj. 4a i), serve on the Consumer/Marketing team, and develop associated extension workshops and publications.

**Dr. Dan McCole** (Co-PI) will conduct consumer marketing studies (Obj. 4a), work on branding research (also Obj. 4a) and serve on Consumer/Marketing team, and develop associated extension workshops and publications.

**Dr. Paolo Sabbatini** (Co-PI) will lead the Viticulture Studies group, conduct vineyard studies (Objs. 1a and 2a), serve as the Michigan state extension leader on extension team, and organize project evaluation activities around Obj. 1a and Obj. 2.

### **North Dakota State University**

**Roles: Viticulture Research and Extension**

**Budget: \$77,446**

**Dr. Harlene Hatterman-Valenti** (Co-PI) will conduct vineyard studies (Objs. 1a and 2b), serve on Vineyard Studies team, and serve as North Dakota's state extension leader on the extension team.

### **South Dakota State University**

**Roles: Viticulture Research and Extension**

**Budget: \$218,199**

**Dr. Rhoda Burrows** (Co-PI) will conduct vineyard studies (Objs. 1a and 2b) in South Dakota, serve on the Vineyard Studies team, and serve as South Dakota's state extension leader on the extension team.

**Dr. Anne Fennell** (Co-PI) will lead the Fruit Composition/Genetics team (Objs. 1b and 1c), be responsible for vineyard trials in South Dakota (Obj. 1a), and organize project evaluation activities around Obj. 1b

**University of Massachusetts- Amherst**

**Roles: Viticulture Research and Extension**

**Budget: No funds requested**

**Ms. Sonia Schloemann** (Collaborator, biographical sketch attached) will serve as the Massachusetts state extension leader on the Extension team; and participate in and plan extension workshops/publications.

**University of Minnesota**

**Roles: Breeding, Viticulture, Enology, and Marketing Research and Extension**

**Budget: \$482,935**

**Dr. Adrian Hegeman** (Co-PI) will work in collaboration with Fennell on the genomics and metabolomics project (Obj. 1b) and serve on the Fruit Composition/Genetics team.

**Dr. Bill Gartner** (Co-PI) will lead the Consumers/Marketing group (Obj. 4), and formulate project evaluation activities for Obj. 4. He will work with Evaluation lead Lasley to design Year 1 and Year 5 industry demographic surveys in Project Evaluation Plan. He is responsible for projects in Objs. 4a, 4c, and 4e.

**Dr. Jim Luby** (Co-PI) will serve as project co-director, and will advise and assist PD Martinson on project management, with special emphasis as Liaison to the Project Advisory Council (as team leader) and stakeholder groups. In the event that Martinson is unable to continue as PD, Luby will serve as acting PD, until Executive Committee appoints successor. He will participate in Objs. 1b and 3. Luby will direct activities of Scientists Hemstad and Smith and coadvise a graduate student.

**Dr. Carl Rosen** (Co-PI) will lead Obj. 2b, serve on the Vineyard Studies team, and develop associated extension workshops and publications.

**Dr. Zata Vickers** (Co-PI) will provide expertise in sensory evaluation in support of Obj. 1b and serve on the Fruit Composition/Genetics team.

**Mr. Peter Hemstad** (Collaborator, biosketch attached) will perform outreach activities and provide advice for outreach publications relating to Northern Grapes varieties in support of Co-PI Luby.

**Mr. Nicholas Smith** (Collaborator, biosketch attached) will perform winemaking and fruit and wine analyses in support of Obj 1b and 3 at the Univ. of Minnesota in support of Co-PI Luby.

**University of Nebraska**

**Roles: Viticulture Research and Extension**

**Budget: \$65,022**

**Dr. Paul Read** (Co-PI) will conduct vineyard studies in Nebraska (Objs. 1a and 2a), serve on Vineyard Studies team; and serve as the Nebraska state extension leader on the extension team.

**University of Vermont**

**Roles: Viticulture Research and Extension**

**Budget: \$48,132**

**Mr. Terrence Bradshaw** (Co-PI) will conduct vineyard studies in Vermont (Objs. 1a and 2c), serve on Vineyard Studies team, and serve as the Vermont state extension leader on the extension team.

**Ms. Ann Hazelrizz** (Co-PI) will conduct vineyard studies in Vermont (Objs. 1a and 2c) and serve on Vineyard Studies team.

**University of Wisconsin**

**Roles: Viticulture Research and Extension**

**Budget: \$191,849**

**Dr. Amaya Atucha** (Co-PI) will conduct vineyard studies and grower demonstrations in Wisconsin (Obj. 2a), serve on Vineyard Studies team, and serve as Wisconsin's state extension leader on the extension team.

**Dr. Patricia McManus** (Co-PI) will lead the pest and disease management sub-objective and collect project evaluation information for it (Obj. 2c), serve on Vineyard Studies team, and develop associated extension workshops and publications.



## **BIOGRAPHICAL SKETCH**

**Chris Gerling, Extension Associate  
DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY  
CORNELL UNIVERSITY**

Mailing Address: Department of Food Science  
Cornell University, NYS Agricultural Experiment Station  
Geneva, NY 14456-0462

Academic Rank: Extension Associate for Enology 2008-present  
100% extension  
Cornell University  
Geneva, NY

Education: 2007 –M.S. in Food Science, Department of Food Science & Technology,  
Cornell University, Ithaca, NY

1999 – B.S. in Communication, Cornell University, Ithaca, NY

Society Affiliations: American Society of Enology and Viticulture  
American Society of Enology and Viticulture, Eastern Section

## BIOGRAPHICAL SKETCH

Peter R. Hemstad

Department of Horticultural Science, University of Minnesota, Horticultural Research Center, 600 Arboretum Blvd., Excelsior, MN 55331  
Email: [hemst001@umn.edu](mailto:hemst001@umn.edu), Tel. (952) 443-1492

### Educational History:

B.A. with honors - Biology, 1981, St. Olaf College, Northfield, MN  
M.S. - Pomology and Viticulture (Plant Breeding minor), 1984,  
Cornell University, Ithaca, NY

### Professional Positions:

1985-present Scientist and Grape Breeder, Department of Horticultural Science,  
University of Minnesota

### Awards:

Governor's Cup, International Cold Climate Wine Comp., St. Paul, MN, 2010  
Minnesota Grape Growers Assoc., Gold Award for lifetime achievement, 2012  
Minnesota Grape Growers Assoc., Special Achievement Award, 1998  
Minnesota Grape Growers Assoc., Certificate of Achievement, 1993

### Cultivars Introduced:

Frontenac grape (1996)  
La Crescent grape (2002)  
Frontenac gris grape (2003)  
Marquette grape (2006)

### Plant Patents and Plant Variety Rights (PVR):

La Crescent grape (USPP 14,617) (PVR applied for in Canada)  
Frontenac gris grape (USPP 16,478) (PVR applied for in Canada)  
Marquette grape (USPP 19,579) (PVR applied for in Canada, EU, and China)

### Affiliations:

Saint Croix Vineyards (winery) [scvwines.com](http://scvwines.com), Stillwater, MN, Co-owner and co-winemaker,  
1992-present  
Minnesota Grape Growers Assoc., Member 1982-present, Vice President 1987-2002

### Scientific Publications

Hemstad, P. R., and J. J. Luby. 2000. Utilization of *Vitis riparia* for the development of new wine varieties with resistance to disease and extreme cold. *Acta Hort.* 528: 487-490.

Hemstad, P. R. and J. J. Luby. 2003. La Crescent, a new cold hardy, high quality, white wine variety. *In Acta Hort.* (ISHS) 603:719-722.

Hemstad, P. R., and J. J. Luby. 2005. 'Marquette', a new wine grape, named in Minnesota. *Wine East*, Nov.-Dec. 2005, pp 7-8.

## BIOGRAPHICAL SKETCH

### **Sonia Gisela Schloemann**

Extension Educator  
Fruit Specialist  
Stockbridge School of Agriculture, UMass  
Amherst MA 01003  
sgs@umext.umass.edu

**Education:** 1993 University of Massachusetts, Amherst, MA.  
Major: Plant and Soil Sciences; Degree: Master of Science.

1987 University of Massachusetts, Amherst, MA.  
Major: Plant and Soil Sciences; Minor: Vocational Education in Agriculture;  
Degree: Bachelor of Science, Cum Laude; Recipient of Federated Garden  
Clubs Scholarship; Student representative to the College of Food and Natural  
Resources Curriculum Review Committee.

### **Additional Educational Credentials**

1987, American Association of Botanical Gardens and Arboreta, Swarthmore, PA. Level I  
Certification in North American Horticultural Certification Program.

**Experience:** 2009-present University of Massachusetts, Amherst, MA.  
USDA Northeast Sustainable Agriculture Research and Education Program –  
Massachusetts State Coordinator

1996-present University of Massachusetts, Amherst, MA.  
Dept. of Plant, Soil Sciences and Insect Sciences/ UMass Extension. Small  
Fruit Specialist.

1987-1996 University of Massachusetts, Amherst, MA.  
Dept. of Plant Pathology. Strawberry IPM Coordinator.

1985-1987 University of Massachusetts, Amherst, MA.  
Dept. of Entomology. Field and Lab research assistant.

1975-1985 Farm labor. Extensive experience in all aspects of farm  
operations including pest management, crop management, marketing, and  
mechanics, in veg-etable, fruit, and dairy farming.

### **Professional and Commodity Group Memberships**

- American Pomological Society
- American Society for Horticultural Science
- North American Strawberry Growers Association
- North American Raspberry and Blackberry Growers Association
- New England Vegetable and Berry Growers Association
- Massachusetts Cultivated Blueberry Association
- Massachusetts Farm Winery & Growers Association



- Massachusetts Fruit Growers Association
- North American Fruit Explorers

### **Teaching Experience**

- CECS 280.56 The Fruit Orchard - Trees and Small Fruit Cultivation Horticultural Certificate Program, Massachusetts College of Liberal Arts
- PLSoil 305 Small Fruit Production University of Massachusetts Dept. of Plant and Soil Sciences
- Numerous workshops for Garden Clubs, Botanical Gardens and Massachusetts Master Gardeners.

### **Recent Grant Projects**

- “Monitoring & Mitigation Plan for Spotted Wing Drosophila & Brown Marmorated Stink Bug for Massachusetts Fruit & Vegetable Growers” (Mass Dept. of Ag. Resources)
- “Northern grapes: Integrating viticulture, winemaking, and marketing of new cold-hardy cultivars supporting new and growing rural wineries” (USDA-SCRI)
- “MA SARE PDP Program – focus Native Pollinator Conservation & Soil Health Assessment” (USDA-NE-SARE)
- “Univ. of Massachusetts Extension Integrated Pest Management Program” (USDA-eIPM)
- “Multi-State Evaluation of Winegrape Cultivars and Clones”, (USDA-NE1020)
- “Integrated and Sustainable Wine Grape Production in Southern New England” (USDA-NE SARE)
- “Development of a Research and Education Program for Small-Scale, Sustainable Viticulture and Enology in Massachusetts”(USDA- CSREES)
- “Demonstration Small Scale Winery and Cider Production Facility for UMass Cold Spring Orchard Research and Education Center” (Mass Dept. of Ag Resources and Mass Fruit Growers Assn.)
- “New England Strawberry Crop Profile” (USDA-CREES-NE IPM)
- “New England Raspberry Crop Profile” (USDA-CREES-NE IPM)
- “Commercial Production of Schisandra chinensis” (Chang Foundation)
- “Use of Prohexadione calcium (Apogee®) growth regulator for runner suppression in Strawberries” (New England Veg. & Berry Growers and North American Strawberry Growers Assn.).

### **Recent Awards**

2008-2009 UMass College of Natural Resources and Environment Outstanding Outreach Award

### **Journal Articles** (Since 2000)

- Greene, D.W., S. Schloemann, 2010. Prohexadione-calcium Inhibits Runner Formation and Enhances Yield of Strawberry. Journal of the American Pomological Society. In Press.
- Loughner, R. L.; G. M. Loeb; S. Schloemann,; K. Demchak, 2008. Evaluation of Cultural Practices for Potential to Control Strawberry Sap Beetle (Coleoptera: Nitidulidae). J. Econ Ent., Vol. 101, No. 3, June 2008 , pp. 850-858(9)
- Loughner, R., G. Loeb, K. Demchak, and S. Schloemann. 2007 Evaluation of strawberry sap beetle (Coleoptera: Nitidulidae) use of habitats surrounding strawberry plantings as food resources and overwintering. J. Env. Ent. Volume 36, Number 5, October 2007 , pp. 1059-1065(7)

-DeMarsay, A., B. I. Hillman, F. P. Petersen, P. V. Oudemans, and S. Schloemann. 2004. First report of Blueberry scorch virus on highbush blueberry in Connecticut and Massachusetts. *Plant Disease* 88:572.

-Schloemann, Sonia, H. Sandler, and M. Botelho. 2004. Growing Dayneutral Strawberries on Lands Associated with Cranberry Farms. *Cranberries Magazine*, Feb. 2004.

### **Pest Management Guides, Manuals, Crop Profiles, and Newsletters**

#### ***Editor:***

-2013-14 New England Small Fruit Pest Management Guide. Schloemann, S. G., editor. 125 pp. Continuously serving general editor since 1990. In Press

-2012 New England Small Fruit IPM Field Guide. Schloemann, S. G., et al. 112 pp. In Press.

-2009 Massachusetts Study Manual for Pesticide Applicator Certification for Private Applicator for -Tree Fruit and Small Fruit. Schloemann S. G., Massachusetts Dept of Ag. Resources. 119 pp.

-2008 Small Fruit Best Management Practices Manual. Schloemann, S. G., UMass Extension, Mass Dept of Ag Resources, and Mass Farm Bureau collaborating, 2 binders.

-2008 New England Raspberry Crop Profile, Schloemann, S. G., Northeast IPM Center, <http://pronewengland.org/info/proinfoprofile.htm>

-2006 New England Strawberry Crop Profile, Schloemann, S. G., Northeast IPM Center, <http://pronewengland.org/info/proinfoprofile.htm>

-Massachusetts Berry Notes. S. G. Schloemann, ed. A monthly publication of the UMass Extension Fruit Team. Dept. of Plant, Soil, Insect Sciences, Bowditch Hall, UMass, Amherst MA 01003. 1996- present.

-New England Grape Notes, S. G. Schloemann, ed. A seasonal publication of the UMass Extension Fruit Team. Dept. of Plant, Soil, Insect Sciences, Bowditch Hall, UMass, Amherst MA 01003. 2006- present.

#### ***Co-Author:***

-Handley, D., D. Cooley and S. Schloemann. 1998. "Disease management and physiological disorders". In *Strawberry Production Guide*. NRAES, Cornell Univ., Ithaca, NY. 200pp.

-Handley, D., D. Cooley, J. Dill, S. Schloemann. 1998. "Insect, mite, mollusk and vertebrate scouting and management". In *Strawberry Production Guide*. NRAES, Cornell Univ., Ithaca, NY. 200pp.

#### ***Reviewer:***

-Raspberry & Blackberry Production Guide, NRAES-35. 2008.

-Wine Grape Production Guide for Eastern North America, NRAES-145. 2009

Contributing editor and reviewer "Part II Arthropod and Mollusk Pests: in "Compendium of Strawberry Diseases", J. Maas, ed. APS Press, St. Paul, MN. 2nd Edition.



Minnesota Grape Growers Association Cold Climate Conference  
2012 Malolactic Fermentation  
2011 Winery Equipment Budgeting and Planning  
2010 Winery Analysis Equipment for Small Wineries  
2010 Biological Deacidification  
2009 Introduction to Winemaking  
2008 Winery Sanitation

**Teaching Experience:**

University of Minnesota  
2009 Teaching Assistant  
Vines and Wines: Introduction to Viticulture and Enology

**Industry Affiliation:**

2008-2010 Board Member, Minnesota Grape Growers Association

## **BIOGRAPHICAL SKETCH**

**Anna Wallis, Extension Associate  
EASTERN NEW YORK COMMERCIAL HORTICULTURE PROGRAM  
CORNELL COOPERATIVE EXTENSION**

***Mailing Address:***

Cornell Cooperative Extension  
6064 State Route 22  
Plattsburgh, NY 12901

***Academic Rank:***

Extension Associate, Regional Fruit Specialist with the ENYCHP  
100% extension  
Cornell Cooperative Extension  
Plattsburgh, NY

***Education:***

2014 –M.S. in Plant Science, Department of Plant Science and Landscape Architecture,  
University of Maryland, College Park, MD

2011 – B.S. in Biology, University of Maryland, College Park, MD

2011 – B.A. in Music, University of Maryland, College Park, MD

## BIOGRAPHICAL SKETCH

**Michael Lee White**  
**ISU Viticulture Specialist**

**Home:** 1406 S. G St. Indianola, IA 50125

**Work:** Iowa State University Extension & Outreach  
909 E. 2<sup>nd</sup> Ave. Indianola, IA 50125  
Work: 515-961-6237 Cell: 515-681-7286  
Work: [mlwhite@iastate.edu](mailto:mlwhite@iastate.edu)  
Personal: [mlwhite1406@hotmail.com](mailto:mlwhite1406@hotmail.com)

**Date & Location of Birth:** 6-19-54, Omaha, NE

### EDUCATIONAL BACKGROUND

<u>School</u>	<u>Graduated</u>	<u>Degree</u>
- Red Oak Iowa Community High School	5/73	HS
- IA Western Community College, Council Bluffs	5/75	AS
- Iowa State University	5/78	BS in Forestry
- Iowa State University	12/89	MA in Agronomy

**Current Status:** Mike White has been serving as the Iowa State University Extension Viticulture Specialist since 2002. He began working with the fledgling Iowa native wine industry in January 2000 when there were 13 wineries and only a handful of vineyards in Iowa. Today Iowa has 97 wineries with 316+ commercial vineyards covering 1,250+ acres. Mike now works closely with the ISU Midwest Grape & Wine Industry Institute that provides technical assistance in both viticulture, winery business and wine marketing within Iowa and neighboring states. The Institute was formed in 2007.

The viticulture specialist position involved working closely with Iowa and neighboring state's vineyards, wineries and with clients who are considering entering into the industry. A large amount of collaboration and consulting with educational institutions, state grower and winemaking associations, units of government and commercial entities is involved with this position. Mike is currently the editor of Wine Grower News, a weekly e-newsletter that reaches 1,700+ clients in 34 states and 8 countries.

Mike is an agronomist via prior formal training and experience. He is a Certified Professional Agronomist – (CPAg), Certified Crop Advisor (CCA) a Certified Specialist of Wine (CSW) and has been with ISU Extension Specialist for 19 years. He has given 1,000 of presentations, collaborated on research and provided one-on-one consulting on topics ranging from conventional agriculture, specialty agriculture, viticulture, wine business & marketing, pesticide application and safety during his career with Extension. He has also been selected and served on the past to review North Central Sustainable Agriculture Research & Extension (NCSARE), Iowa Specialty Crop and USDA Value Added Producer Program grants.

**Personal:** Married to wife Deb White for 37 years, 3 daughters, 3 sons-in-law, 4 grandchildren and 2 dogs. Live on and operate a small Christmas Tree Farm and honeybee operation in Indianola, IA.

## **PAST POSITIONS:**

<b><u>Employer</u></b>	<b><u>Location</u></b>	<b><u>Position</u></b>	<b><u>Dates</u></b>
ISU Extension Service	Indianola, IA	State Vit. Spec.	5/07 - present
ISU Extension Service	Indianola, IA	Field Crp/Vit. Spec.	5/02 – 5/07
ISU Extension Service	Indianola, IA	Field Crops Spec.	10/94 - 5/02
-Heartland Co-op (Heartland Co-op purchased Laverty Elevator in July, 1992)	Indianola, IA	Chief Agronomist	7/92-10/94
Laverty Elevator, Inc.	Indianola, IA	Agrn. Sales Mgr.	7/88-7/92
		Agronomy Sales	1/86-7/88
Laverty Sprayers, Inc.	Indianola, IA	Crop Consultant	1/84-1/86
Land 'O Lakes	Rockwell City, IA	Agrn. Sales	5/81-1/84
Soil Conservation Service	Rockwell City, IA	Dist. Conservationist	6/79-5/81
	Atlantic, IA	Soil Conservationist	6/78-6/79
	Malvern, IA	Trainee	Summer, '77
Hunt's Super Value	Red Oak, IA	Clerk	8/71-12/76

## **PROFESSIONAL MEMBERSHIPS & CERTIFICATIONS**

- Council member, ISU Professional & Scientific Council
- Society of Wine Educator's (SWE) Certified Specialist of Wine (CSW)
- Member of the American Society of Enology & Viticulture (ASEV)
- Ex-Officio member of the Iowa Wine Growers Association
- Member of the Iowa Christmas Tree Growers Association
- Member of the Iowa Honey Producers Association
- Certified Professional Agronomist (CPAg) through the Agronomy Society of America.
- Iowa Certified Crop Advisor (CCA) through the Agronomy Society of America
- Class A semi-tractor trailer driver's license C.D.L.
- Iowa Real Estate License (currently in "inactive" status)

## **AWARDS**

- 2/13 25 year Certified Crop Advisor award
- 9/05 ISU Extension 10 years of Service
- 9/05 ISU Extension Achievement by and Individual for work in Viticulture
- 1/04 Appreciation of Service from the Iowa Wine Growers Association
- 4/01 ISU Extension Team Achievement for improving NH3 Applicator Technology
- 11/97 ISU Extension Team Achievement for Conservation Reserve Program (CRP) education
- 1990 Indianola, Iowa Chamber of Commerce Volunteer of the Year.
- 4/89 National Future Farmer of America Certificate of Appreciation
- 12/80 USDA Soil Conservation Service Certificate of Merit for promoting no-till farming practices