Educational Aids Blue Ribbon Awards
Past Winners

2020
A. Electronic & Web-Based Delivery
I. Electronic Delivery: DVDs, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts
Paul Jones, William Field, Matthew Jordan, Will Jackson, Bill Dodd, and Mattie McIntosh
“AgrAbility: Renewing Hope, Restoring Productivity”

Mary Love Tagert, Michaela Parker, and Blade Hodges
“Soil Sensor Installation”

Carmen Agouridis, Amanda Gumbert, and Brian Volland
“KYH2O”

S. Dee Jepsen, Kent McGuire, Tim Hicks, Shawnda Vega, Scott Bell, Elise Stoddard, and Victoria Shaw
“Cultivating Safe Farm Operations: An eLearning Safety Series”

II. Websites
Shawn Ehlers, Ed Sheldon, and William Field
“IN-PREPared - Indiana Purdue Rural Emergency Preparedness www.inprepared.org”

B. Publications, Print or Electronic
III. Publications – Short (less than 9 pages)
Sylvester Badua, Ajay Sharda, Keith Cockerline, Jonathan Fabula, and Ignacio Ciampitti
“Soy-Protein: An Environment-Friendly Seed Lubricant for Pneumatic Row Crop Planters”

IV. Publications – Medium (9-16 pages)
Lori Duncan and Tyson Raper
“Cotton Nitrogen Management in Tennessee”

Julie A. Fowler, Alison K. Ludwig, Conor D. Barnes, Dominic J. Cristiano, Hugh Ellerman, Dillon T. Fogarty, Katharine F.E. Hogan, Jessica E. Johnson, Daniel Morales, Rubi Quiñones, and Dirac Twidwell
“Ecological Resilience”

V. Publications – Long (17-32 pages)
None

VI. Publications, Comprehensive (33 or more pages)
Agustin Olivo, Amy Millmier Schmidt, Richard Koelsch, and Jennifer Keshwani
“What is Going on Under Our Feet? Soil Biology Inspection Guide for Students”

Harold Watters and Erdal Ozkan
“Corn, Soybean, Wheat, and Forage Field Guide”

C. Extension Methods and Impact
VII. High Impact Extension Methods
Sherry Lynn Blunk
“The Basics of Straw Bale Gardening: A Yolo County Fair Educational Display based on research-based findings and practical lessons learned from a straw bale demonstration garden”

2019
A. Electronic & Web-Based Delivery

I. Electronic Delivery: DVDs, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts

Carmen Agouridis and Amanda Gumbert
“Backyard Streams”

J. Bryan Unruh, Esen Momol, Michael Thomas, C.J. Bain, Thomas Wichman, Laurie Trenholm, John Bossart, and Michael D. Dukes
“Florida Fertilizer Ordinance Mobile Web App Matches Work Locations to Applicable Regulations”

John Fulton and Jenna Lee
“Ohio State PLOTS (mobile application”

Rebecca G. Lawver and Michael L. Pate
“Safety in Agriculture for Youth (SAY) Teacher Update”

II. Websites

Sammy Sadaka
Arkansas grain Drying and Storage, https://www.uaex.edu/farm-ranch/crops-commercial-horticulture/grain_drying_and_storage/

Eileen Fabian, Daniel Hofstetter, Rebecca Larson, Horacio Aguirre-Villegas, and Carolyn Betz
Virtual Farm-Dairy, www.virtualfarm.psu.edu

B. Publications, Print or Electronic

III. Publications – Short (less than 9 pages)

Edral Ozkan and Kathy Smith
“Calibrating Small Boom Sprayers and Backpack Sprayers for Forestry Herbicide Applications”

Steve Hanson, Leslie Beck, Nancy Flores, Stephanie Walker, Mark Marsalis, and Richard Heerema
“GMO Crops in New Mexico Agriculture”

Sammy Sadaka
“Grain Bin Entrapment and Engulfment Causes, Prevention and Rescue”

Danny H. Rogers, Freddie R. Lamm, and Jonathan Aguilar
“Subsurface Drip Irrigation (SDI) in Kansas: An Overview”

IV. Publications – Medium (9-16 pages)

A.J. Tarpoff, Justin Waggoner, Christopher Reinhardt, Joel DeRouche, Sandy Johnson, Eli Sheppard, and Joe Harner
“Designing a Bud Box for Cattle Handling”

Steve Clarke, Arlene Robertson, Colleen Fitzgerald-Hubble, Andrew Jamieson, and Paul Gripe
“Electricity Generation Using Small Wind Turbines for Home or Farm Use”

Vivek Sharma
“Irrigation Management: Basics of Soil Water”

V. Publications – Long (17-32 pages)

No Recipients for 2019

VI. Publications, Comprehensive (33 or more pages)

No recipients for 2019
C. Extension Methods and Impact

VII. High Impact Extension Methods
No recipients for 2019

2018
A. Electronic & Web-Based Delivery
   I. Electronic Delivery: DVDs, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts
      S. Taghvaeian, J. Aguilar
      “Sensor Demonstrations”
      M. Helmers, J. Comito, A. Staudt
      “Rock your Watershed! A Game of Choice and Chance” www.waterrocks.org,
      A.A. Andales, M. Arabi, T.A. Bauder, A.C. Bartlett, E. Wardle, K. Traff
      “Water Irrigation Scheduler for Efficient Application” http://wise.colostate.edu, Web Sites
      H. Xin and L. Vold
      Egg Industry Center Website – Iowa State University
      S. Irmak, J. Rees, G. Zoubek, B. VanDeWalle, and A. Nygren Nebraska Agricultural Water Management Network (NAWMN) Educational Website
      A. M. Schmidt, R. Koelsch, R. Stowell, and L. Johnson
      Nebraska Ag Site Planner
      S. Issa, C. Cheng, D. Heath, and B. Field
      www.agconfinedsespaces.org
      J. Lee, R. Colley III, E. Hawkins, K. Port, and J. Fulton
      Ohio State University Precision Ag Website
      T. Gilmore, J. Korus, D. Martin, K. Pekarek, E. Ingram, and L. Pennisi Pilot Watershed Science Curriculum for Natural Resources

Publications
III. Publications – Short (less than 9 pages)
   P. Jones, B. Field, D. Minns
   “AgrAbility: A USDA Program with Demonstrated Impact”
   J. Frankenberger, B. Reinhart, K. Nelson, L. Bowling, C. Hay,
   M. Youssef, J. Strock, X. Jia, M. Helmers, B. Allred
   “Questions and Answers About Drainage Water Recycling for the Midwest”


   A. Shah, A. Manandhar, S. Khanal, E. Ozkan
   “Status of Biorefineries in Ohio”

   J. Linhoss, J. Purswell, D. Chesser
   “Improving the Brooding Environment for Broiler Chicks Through a Better Understanding of Radiant Heaters: An Extension Fact Sheet Series”

   A. McLemore, J. Vogel, S. Taghvaeian
   “Bioretention Cell Design Guidance for Oklahoma”
S. Datta, S. Taghvaeian, J. Stivers
“Understanding Soil Water Content and Thresholds for Irrigation Management”

Y. Liang, T. Tabler
“Water Use Patterns Differ Between Pad and Sprinkler Cooling”

W. B. Smith, B. Beer, J. Chastain, L. Van Vlake
“Solid Manure Spreader Calibration”

S. Taghvaeian, P. Fox
“Agricultural Irrigation with Reclaimed Water: Oklahoma Regulation”

M. Barton, J. Quetone Moss, S. Taghvaeian
“Salinity Management in Home Lawns”

“Site-Specific Management of Cotton Root Rot Using Airborne and Satellite Imagery and Variable Rate Technology”

J. Jackson, C. Agouridis, S. Higgins, L. Moser
“Tire Tanks for Watering Livestock”

A. Anandhi, Y. Yang, M. Hubenthal
“Using Leaves as a Model for Teaching Watershed Concepts in Natural Resources Science and Engineering Programs”

C. Henry, J. Hardke, J. Krutz, J. Massey, M. L. Reba, M. A. Adviento-Borbe
“Innovation in Rice Irrigation Will Help Reduce Aquifer Decline”

R. S. Frazier, S. Taghvaeian, D. Handa “Measuring Depth to Groundwater in Irrigation Wells”

B. Masasi, R. S. Frazier, S. Taghvaeian
“Review and Operational Guidelines for Portable Ultrasonic Flowmeters”

E. Ghane
“Agricultural Engineering”

K. Khand, S. Taghvaeian, A. Ajaz
“Drought and its Impact on Agricultural Water Resources in Oklahoma”

J. Nowatzki
“AE1876 Understanding Air Temperature Inversions Relating to Pesticide Drift”

E. Hawkins, J. Fulton, K. Port
“Tips for Calibrating Grain Yield Monitors—Maximizing Value of Your Yield Data”

S. Irmak
“Simplified Forms of Deep Percolation Estimation Method below the Crop Root Zone for Silt-Loam Soils”

S. Irmak
“Simplified Forms of Surface Runoff Estimation Method for Silt-Loam Soils”

IV. Publications – Medium (9-16 pages)

S. Clarke, D. Ward, A. Dam, A. Robertson, C. Fitzgerald-Hubble, A. Jamieson
“Lighting for Poultry with Light-Emitting Diodes (LEDs)”

**J. Shortridge**
“Using Groundwater for Agricultural Irrigation in Virginia”

**W.B. Smith**
“Home-Made Hydraulic Ram Pump for Livestock Water”


**S. Irmak**
“Evapotranspiration Basics and Estimating Actual Crop Evapotranspiration from Reference Evapotranspiration and Crop- Specific Coefficients”

**VI. Publications – Long (17-32 pages)**

*No Recipients for 2018*

**VI. Publications, Comprehensive (33 or more pages)**

**H. A. Aguirre-Villegas, R. A. Larson, M. Ruark**
“Sustainable Dairy Fact Sheet Series”

**R.G. Lopez, E. S. Runkle, and A.J. Both** “Light Management in Controlled Environments”


**C. Extension Methods and Impact**

**VII. High Impact Extension Methods**

**L. Warner, T. Borisova, M. Dukes, E. Momol, C. Lewis, J. Bossart, C.J. Bain**
“Florida Friendly Landscape (FFL) Water Savings Impact”

**2017**

**A. Electronic & Web-Based Delivery**

**I. Electronic Delivery: DVDs, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts**

**C. Craige, M. Buser, C. Woods, A. Erichsen, B. Adam**
“Stakeholder-driven Whole Chain Traceability System for Agricultural Commodities: Beef Cattle Pilot Demonstration”

Oklahoma State University

**R.P.K. Ambrose, G. Mosher, D. Maier**
“Training on Prevention of Grain Dust Explosions”

Purdue University
II. Web Sites
C. Racz, P. Jones, W. Field, D. Minns
www.agribility.org
National AgrAbility Project, Purdue University

D. Saraswat, B. Hancock, G. Singh, N. Pai
SWAT Tools - https://saraswat-swat.rcac.purdue.edu/
Purdue University, Climate Corp., Monsanto

B. Publications

III. Publications – Short (less than 9 pages)
A. Sharda, J. Fulton, T. Griffin, I. Ciampitti, and L. Haag
“Planter Downforce for Uniform Seed Depth”
Kansas State University

A. Sharda, T. Griffin, J. Fulton, and J. Slocombe
“Liquid Application Technologies”
Kansas State University

S. Chattopadhyay, C. Agouridis, J. Fox
“Sediment Fingerprinting”
University of Kentucky

IV. Publications – Medium (9-16 pages)
D. Sample, J. Owen, J. Fields, S. Barlow
“Understanding Soil Moisture Sensors: A Fact Sheet for Irrigation Professionals in Virginia”
Hampton Roads Agricultural Research and Extension Center, Virginia Tech

M. Kukal and S. Irmak
“Observed Space and Time Changes in Air Temperatures and Daily Temperature Range for the Counties in the US Great Plains from 1968 to 2013”
University of Nebraska-Lincoln

P. Jones
“Arthritis and Gardening: A Guide for Home Gardeners and Small-Scale Producers”
Purdue University

V. Publications – Long (17-32 pages)
None for 2017

VI. Publications, Comprehensive (33 or more pages)
B. Ortiz, A. Hagan, R. Kemerait, R.S. Tubbs, K. Flanders, J. Langcuster, J. Crickard
“Climate and Crops: Adapting Farming to a Variable Climate”
Auburn University, University of Georgia, Alabama Cooperative Extension System

K. Genskow, R. Larson, M. Borchardt, T. Burch, E. Ross
“Considerations for the Use of Manure Irrigation Practices”
University of Wisconsin – Madison

L. Christianson, J. Frankenberger, C. Hay, M. Helmers, G. Sands
“Ten Ways to Reduce Nitrogen Loads from Drained Cropland in the Midwest”
University of Illinois at Urbana-Champaign, Purdue University, South Dakota State University, Iowa Soybean Association, University of Minnesota

C. Extension Methods and Impact
VII. Innovative Extension Methods of Impact Assessment
P. Busato, R. Berruto, A. Nicholson, F. Zazueta
“Active Learning: the Flipped Classroom Workshop”
University of Turin and University of Florida

2016
A. ELECTRONIC & WEB-BASED DELIVERY
I. Electronic Delivery: DVDs, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts
S. Burgus, T. Schlater, P. Ayers, G. Cook, L. Grafft
“Tractor Safety Education Packet”
Farm Safety For Just Kids, University of Tennessee, University of Vermont, Agromedicine Institute

II. Web Sites
   No Recipients for 2016

B. PUBLICATIONS (PRINT OR ELECTRONIC)
III. Publications – Short (less than 9 pages)
T. Scherer, K. Hellevang, D. Haasser
“Electronic Backup Sump Pumps for Houses”
North Dakota State University

E. Ozkan
“Selecting the Best Nozzle for the Job”
The Ohio State University

G. Fipps
“Surge Flow Irrigation Fact Sheet”
Agrilife Extension Service, Texas A&M University

IV. Publications – Medium (9-16 pages)
S. Irmak, V. Sharma
“Spatial and Temporal Variation of Corn Evapotranspiration across Nebraska”
University of Nebraska, Lincoln

T. Scherer, C. Hay, M. Helmers, H. Kandel, D. Tanner
“Tile Drainage Pump Stations for Farm Fields”
North Dakota State University

V. Publications – Long (17-32 pages)
S. Irmak, K. Djaman
“Basic Soil and Water Resources and Irrigation Engineering/Agricultural Water Management and Related Terminology”
University of Nebraska, Lincoln, Africa Rice Center
VI. Publications, Comprehensive (33 or more pages)

S. Sanford, J. Hendrickson
“On-Farm Cold Storage of Fall Harvested Fruit and Vegetable Crops”
University of Wisconsin, Madison

N. Carroll
“Soil and Water Science”
Purdue University

C. EXTENSION METHODS AND IMPACT
VII. Innovative Extension Methods of Impact Assessment
No Recipients for 2016

2015
A. ELECTRONIC & WEB-BASED DELIVERY

I. Electronic Delivery: DVD’s, Web-Based Computer Programs, PowerPoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts:

P. JONES, C. RACZ, W. FIELD, K. HAMM
“AgrAbility Webinar Series”
National AgrAbility Project, Purdue University

D. MCFARLAND, J. TYSON, M. HAAN
“Technology Tuesday-Dairy Webinar Series (online course)”
Penn State Extension

S. TAGHVAEIAN, K. HOLMES, K. GRAGG, L. PAYNE
“Garden Irrigation Kit”
Oklahoma State University

D. SARASWAT, B. HANCOCK, B. SCOTT
“Flag the Technology Cloud (FTTCloud)
University of Arkansas Division of Agriculture
Cooperative Extension Service

G. FOX, C. WOODS, L. ELMORE, S. FERRELL, J. MOSS,
A. SUTHERLAND, S. TAGHVAEIAN, J. VOGEL, H. ZHANG
“Foundations of Oklahoma Water”
Oklahoma State University
II. Web Sites:

D. SCHMIDT, E. WHITEFIELD, C. POWERS, J. PRONTO,
P. KNOX, G. HAWKINS, D. SMITH, J. HEEMSTRA
“Animal Agriculture in a Changing Climate”
University of Minnesota, Washington State University, 
University of Nebraska-Lincoln, Cornell University, 
University of Georgia, Texas A&M University
B. PUBLICATIONS (PRINT OR ELECTRONIC)

III. Publications – Short (less than 9 pages)

**D. SMITH, S. MUKHTAR, R. STOWELL**
“Advanced Application Techniques – Making the Most of Your Manure Responsibility”
Texas A&M University, University of Nebraska-Lincoln

**S. SANFORD**
“Lighting Technology: LED Lamps for Home, Farm and Small Business”
University of Wisconsin-Madison

**K. FEEHAN, D. SHELTON, T. FRANTI, K. PEKAREK, S. RODIE**
“Stormwater Management: Rainwater Harvesting with Rain Barrels (G2220)”
University of Nebraska Extension

**B. HOLM, D. SHELTON, K. FEEHAN, K. HOLM. S. RODIE, T. FRANTI**
“Stormwater Management: What Stormwater Management Is and Why It Is Important G2238)”
University of Nebraska Extension

**R. SUTTON, S. RODIE, D. SHELTON**
“Stormwater Management: Green Roof Basics (G2244)”
University of Nebraska Extension

**D. ROGERS, J. AGUILAR, I. KISEKKA, P. BARNES, F. LAMM**
“Important Agricultural Soil Properties”
Kansas State University

**B. HOLM, D. SHELTON, T. FRANTI, K. FEEHAN, S. RODIE**
“Stormwater Management: How to Make a Rain Barrel (EC2001)”
University of Nebraska Extension

IV. Publications – Medium (9-16 pages)

**H. FRASER**
“Forced-Air Cooling Systems for Fresh Ontario Fruits and Vegetables”
Ontario Ministry of Agriculture, Food and Rural Affairs

**T. STOMBAUGH**
“Technology to Improve Sprayer Accuracy”
University of Kentucky

V. Publications – Long (17-32 pages)
No Recipients

VI. Publications, Comprehensive (33 or more pages)

**J. S. STEEL, D. MURPHY**
“Safety and Health Management Planning for Beginning Farmers and Ranchers”
Penn State University

C. EXTENSION METHODS AND IMPACT

VII. Innovative Extension Methods or Impact Assessment

**K. ILELEJI, S. MCNEILL, G. OPIT**
“Technical Assistance Program on Commodity Protection and Stored Grain Management in Nigeria”
Purdue University, University of Kentucky, Oklahoma State University

**D. JEPSEN, A. MANN, K. MCGUIRE, L. FLOWERS (State Fire Marshall)**
**S. WALKER, J. ROBINSON, M. BAILEY, D. TORSELL, A. BAUER, A. GROSS**
“Grain C.A.R. T. Program”
The Ohio State University and Ohio Fire Academy

2014

B. ELECTRONIC & WEB-BASED DELIVERY

VI. Electronic Delivery: DVD’s, Web-Based Computer Programs, Powerpoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts:

**D. JEPSEN, K. MANN, A. MANN, S. SPEARS**
“ATV Safety for Agriculture”
The Ohio State University

**J. VOGEL, C. WOODS, K. CONRY, G. LEVESQUE, G. JENNINGS, E. BRANTLEY, J. FLEMING**
“Natural Stream Restoration Video Series”
Oklahoma State University, Oklahoma Conservation Commission,
North Carolina State University, Auburn University

**K. MIGLIACCIO, C. FRAISSE, G. VELLADIS, K. MORGAN, J. ANDREIS**
“Smartirrigation Apps”
University of Florida
VII. Websites:

L. SCHWANKL, F. LAMM, D. PORTER
“Maintenance of Microirrigation Systems”
University of California-Davis, Kansas State University, Texas A&M University

B. PUBLICATIONS (PRINT OR ELECTRONIC)

VIII. Publications – Short (less than 9 pages)

C. AGOURIDIS, J. MCMAIN
“Managing Stormwater Using Low Impact Development (LID) Techniques”
University of Kentucky

J. WILHOIT, T. STOMBAUGH, T. COOLONG
“Mulching with Large Round Bales between Plastic-covered Beds”
University of Kentucky, University of Georgia

IX. Publications – Medium (9-16 pages)

S. SANFORD, D. LIEBL
“Wood Heating Appliances for Homes and Businesses”
University of Wisconsin-Madison

K. FEEHAN, K. PEKAREK, E. BAUER, D. SHELTON, A. SHEFFIELD
“Stormwater Sleuth and Running Rain: Keeping it Clean! Slowing it Down!”
University of Nebraska – Lincoln Extension

X. Publications – Long (17-32 pages)

No Recipients

VI. Publications, Comprehensive (33 or more pages)

B. HOLMES, N. COOK, T. FUNK, R. GRAVES, D. KAMMEL, C. REINEMANN,
J. ZULOVICH, K. WALKER, J. MOORE, L. WETTERAUER
“Dairy Freestall Housing and Equipment”
Midwest Plan Service, Iowa State University

S. BURGUS, T. SCHLATER, D. NEENAN, J. GOLDSMITH,
D. GENTILE, T. ANDREWS
“Rural Roadway Safety”
Farm Safety 4 Just Kids, National Education for Agricultural Safety,
Independent Agent, Iowa State University, University of California-Davis

C. EXTENSION METHODS AND IMPACT

VII. Innovative Extension Methods or Impact Assessment
No Recipients

2013
A. ELECTRONIC & WEB-BASED DELIVERY
I. Electronic Delivery: DVD’s, Web-Based Computer Programs, PowerPoint Shows, Web- Based Video,
Audio-Podcasts, Video-Podcasts:
M. HELMERS, J. COMITO, A. STAUDT
“Rock Your Watershed! A Game of Choice and Chance”
Iowa State University
R. HUHNKE, A. ERICHESEN, M. BUSER, C. WOODS
“Developing a Sustainable Biomass Production System”
Oklahoma State University
D. SARASWAT, L. ESPINOZA, J. KELLEY
“Corn Advisor”
University of Arkansas Division of Agriculture Cooperative Extension Service

II. Websites
R. STOWELL, J. HEEMSTRA, K. JANNI, R. SHEFFIELD, E. WHEELER, D. SCHULTE
“Air Quality in Animal Agriculture eXtension website”
University of Nebraska, University of Minnesota, Louisiana State University,
The Pennsylvania State University

B. PUBLICATIONS (PRINT OR ELECTRONIC)
III. Publications – Short (less than 9 pages)
D. HAMILTON
“Organic Matter Content of Wastewater and Manure”
Oklahoma Cooperative Extension Service
S. IRMAK, P. GRASSINI, J. REES, K. CASSMAN, H. YANG, C. BURR
“Evaluation of Water Productivity and Irrigation Efficiency in Nebraska Corn Production”
University of Nebraska-Lincoln
IV. Publications – Medium (9-16 pages)

**D. SMITH, J. NIELSEN-GAMMON, S. MUKHTAR**

“Why Does Climate Change? Basic Scientific Principles and Terminology”
Texas A&M University System

V. Publications – Long (17-32 pages)
No Recipients

VI. Publications, Comprehensive (33 or more pages)
No Recipients

C. EXTENSION METHODS AND IMPACT

VII. Innovative Extension Methods or Impact Assessment
No Recipients

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2012

C. ELECTRONIC & WEB-BASED DELIVERY

XI. Electronic Delivery: DVD’s, Web-Based Computer Programs, Powerpoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts:

**S.D. JEPSEN, C. DICUS, C. ZOLLER**

“Sharing the Roadways in Amish Country”
The Ohio State University

XII. Websites:

**C. RACZ, P. JONES, W. FIELD, J. SMITH, S. SWAIN, K, COOK**

“The Toolbox Assistive Technology Database Online”
www.agrability.org/Toolbox
National AgrAbility Project, Purdue University

B. PUBLICATIONS (PRINT OR ELECTRONIC)

XIII. Publications – Short (less than 9 pages)

**L. CHRISTIANSON, M. HELMERS**

“Woodchip Bioreactors for Nitrate in Agricultural Drainage”
Iowa State University

**H. FRASER, K. SLINGERLAND, K. KER, R. BREWSTER, H. FISHER**

“Wind Machines for Minimizing Cold Injury to Horticultural Crops”
Ontario Ministry of Agriculture, Food and Rural Affairs; Lakeview Vineyard Equipment; KCMS Consultants; University of Guelph

**S.D. JEPSEN, C. ZOLLER**

“Snowplows in Amish Country: A guide for buggy drivers, pedestrians, and
snowplow operators”
The Ohio State University
XIV. Publications – Medium (9-16 pages)

**R. GRISIO, M. ALLEY, W. THOMASON, D. HOLSHOUSER, G. ROBERSON**
“Precision Farming Tools: Variable-Rate Application”
Virginia Tech

V. Publications – Long (17-32 pages)
**R. STENGLEIN, C. CLANTON, D. SCHMIDT, L. JACOBSON, K. JANNI**
“Covers for Mitigating Odor and Gas Emissions in Animal Agriculture”
University of Minnesota

VI. Publications, Comprehensive (33 or more pages)

**D. WARD, D. MCDONALD, R. CHAMBERS H. HOUSE, A. ROBERTSON, K. PATERSON**
“Reducing the Risk of Fire on Your Farm”
OMAFRA, Ontario Fire Marshall, Ontario, Canada

“Cow-Calf Production in the US Corn Belt”
Midwest Plan Service, Iowa State University

**D. WARD, R. CHAMBERS, H. HOUSE, A. ROBERTSON**
“Ventilation for Livestock and Poultry Facilities”
OMAFRA, Ontario, Canada

**S. SANFORD, A. THUNKER**
“Energy Efficiency in Greenhouses”
University of Wisconin-Madison

**S. BURGUS, T. SCHLATER, J. STORM, L. GRAFFT, T. ANDREWS**
“Chemicals in Rural Areas”
Farm Safety 4 Just Kids, NC St. University Extension,
University of Iowa, University of CA at Davis

“Urban Nutrient Management Handbook Access at:
Virginia Cooperative Extension/Virginia Tech

C. EXTENSION METHODS AND IMPACT
VII. Innovative Extension Methods or Impact Assessment

J. VOGEL, M. HOLMES, K. TOSCANO,
S. MITCHELL, P. KRESGE
“Innovative Workshops and Informational Media
Dissemination on Designing and Specifying
Pervious Pavement”
Oklahoma State University

J. FULTON, D. MULLENIX, T. HARBUCK
“What is GPS Drift?”
Auburn University

2011

Electronic Delivery: DVD’s, Web-Based Computer Programs, Powerpoint Shows, Web-Based Video, Audio-Podcasts, Video-Podcasts:

P. JONES, S. DOYLE, W. FIELD
“AgrAbility: It’s About Hope”
Purdue University

D. HAMILTON, C. WOODS
“Alternative Manure Technology Video Series”
Oklahoma State University

G. JOHNSON, S. ASCHMANN, G. ZWICKE, S. O'NEILL, R. Vining,
S. DETTER, B. LITTLETON, S. SRIPARAMESWARAN, R. STOWELL, J. HEEMSTRA,
CAROLYN OLSON
“USDA-NRCS Air Quality and Energy On-line Courses”
USDA-NRCS Air Quality and Atmospheric Change Team
Portland, Oregon

N. KLOCKE, L. STONE, S. BRIGGEMAN
“Crop Yield Predictor”
Kansas State University

Websites:

S. IRMAK, J. REES, G. ZOUBEK, B. VANDEWALLE
“Nebraska Agricultural Water Management Demonstration Network (NAWMDN) Web Site”
http://water.unl.edu/web/cropswater/nawmdn
University of Nebraska-Lincoln

M. PURSCHWITZ, M. SUBBASWAMY, J. PROFITT
“The Kentucky Roll-Over Protective Structures Guide”
http://warehouse.ca.uky.edu/rops/
University of Kentucky

J. FULTON, A. WINSTEAD, D. MULLENIX
“Alabama Precision Agriculture Education through the Internet”
www.AlabamaPrecisionAgOnline.com
Auburn University

J. VOGEL, S. LOVERN
“Oklahoma Low Impact Development Web Site”
http://lid.okstate.edu
Oklahoma State University

Publications – Short (less than 9 pages)
R. GRISSO, J. PERUMPRAL, K. PEVARSKI, K. BALLIN
“Assistive Technologies in Agriculture”
Virginia Tech
P. JONES, W. FIELD, D. MINNS, G. DEBOY, J. SMITH
“AgrAbility Harvest Newsletter”
Purdue University
R. TAYLOR, J. FULTON, E. BARNES, A. ERICHSEN
“Sensor-Based Variable Rate Application for Cotton”
Oklahoma State University

Publications – Medium (9-16 pages)
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