

Educational Aids Blue Ribbon Awards Past Winners

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”

University of Kentucky

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”

University of Florida, Florida Department of Environmental Protection

John Fulton and Jenna Lee

“Ohio State PLOTS (mobile application)”

Ohio State University

Rebecca G. Lawver and Michael L. Pate

“Safety in Agriculture for Youth (SAY) Teacher Update”

Utah State University and Pennsylvania State University

II. Websites

Sammy Sadaka

Arkansas grain Drying and Storage, <https://www.uaex.edu/farm-ranch/crops-commercial-horticulture/grain-drying-and-storage/>

University of Arkansas, Division of Agriculture

Eileen Fabian, Daniel Hofstetter, Rebecca Larson, Horacio Aguirre-Villegas, and Carolyn Betz

Virtual Farm-Dairy, www.virtualfarm.psu.edu

Pennsylvania State University and University of Wisconsin

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”

Ohio State University

Steve Hanson, Leslie Beck, Nancy Flores, Stephanie Walker, Mark Marsalis, and Richard Heerema

“GMO Crops in New Mexico Agriculture”

New Mexico State University

Sammy Sadaka

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

University of Arkansas Division of Agriculture

Danny H. Rogers, Freddie R. Lamm, and Jonathan Aguilar

“Subsurface Drip Irrigation (SDI) in Kansas: An Overview”

Kansas State University

IV. Publications – Medium (9-16 pages)

A.J. Tarpoff, Justin Waggoner, Christopher Reinhardt, Joel DeRouchey, Sandy Johnson, Eli Sheppard, and Joe Harner

“Designing a Bud Box for Cattle Handling”
Kansas State University

Steve Clarke, Arlene Robertson, Colleen Fitzgerald-Hubble, Andrew Jamieson, and Paul Gripe

“Electricity Generation Using Small Wind Turbines for Home or Farm Use”
Canadian Ministry of Agriculture, Food, & Rural Affairs and Wind-Works

Vivek Sharma

“Irrigation Management: Basics of Soil Water”
University of Wyoming

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”
Oklahoma State University, Kansas State University

M. Helmers, J. Comito, A. Staudt

“Rock your Watershed! A Game of Choice and Chance” www.waterrocks.org, Iowa State University

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>, Colorado State University

II. 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 – University of Nebraska Lincoln

A. M. Schmidt, R. Koelsch, R. Stowell, and L. Johnson

Nebraska Ag Site Planner – University of Nebraska Lincoln

S. Issa, C. Cheng, D. Heath, and B. Field

www.agconfinedspaces.org – Purdue University, US Dept. of Labor

J. Lee, R. Colley III, E. Hawkins, K. Port, and J. Fulton

Ohio State University Precision Ag Website – Ohio State University

T. Gilmore, J. Korus, D. Martin, K. Pekarek, E. Ingram, and L. Pennisi Pilot Watershed Science Curriculum for Natural Resources Districts – University of Nebraska Lincoln

B. Publications

III. Publications – Short (less than 9 pages)

P. Jones, B. Field, D. Minns

“AgrAbility: A USDA Program with Demonstrated Impact” National AgrAbility Project, Purdue University

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” Purdue University, University of Missouri, Iowa Soybean Association, North Carolina State University, University of Minnesota, North Dakota State University, USDA-ARS

S. Khanal, J. Fulton, E. Hawkins, K. Port, A. Klopfenstein “Remote Sensing in Precision Agriculture – Best Management Practices for Addressing Challenges with Imagery Quality” Ohio State University

A. Shah, A. Manandhar, S. Khanal, E. Ozkan

“Status of Biorefineries in Ohio” Ohio State University

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” Mississippi State University, USDA-ARS Poultry Research Unit

A. McLemore, J. Vogel, S. Taghvaeian “Bioretention Cell Design Guidance for Oklahoma” Oklahoma State University

S. Datta, S. Taghvaeian, J. Stivers

“Understanding Soil Water Content and Thresholds for Irrigation Management” Oklahoma State University

Y. Liang, T. Tabler

“Water Use Patterns Differ Between Pad and Sprinkler Cooling” University of Arkansas, Mississippi State University

W. B. Smith, B. Beer, J. Chastain, L. Van Vlake

“Solid Manure Spreader Calibration” Clemson University Cooperative Extension Service

S. Taghvaeian, P. Fox

“Agricultural Irrigation with Reclaimed Water: Oklahoma Regulation” Oklahoma State University

M. Barton, J. Quetone Moss, S. Taghvaeian

“Salinity Management in Home Lawns” Oklahoma State University

C. Yang, G. N. Odvody, J. A. Thomasson, T. Isakeit, R. R. Minzenmayer, D. R. Drake, R. Norton, E. M. Barnes, R. L. Nichols

“Site-Specific Management of Cotton Root Rot Using Airborne and Satellite Imagery and Variable Rate Technology” Texas AgriLife Res & Extension, Texas A&M University, Bayer CropScience, University of Arizona, Cotton Incorporated

J. Jackson, C. Agouridis, S. Higgins, L. Moser

“Tire Tanks for Watering Livestock” University of Kentucky

A. Anandhi, Y. Yang, M. Hubenthal

“Using Leaves as a Model for Teaching Watershed Concepts in Natural Resources Science and Engineering Programs” Florida A&M University, Kansas State University, Incorporated Research Institutions for Seismology

C. Henry, J. Hardke, J. Krutz, J. Massey, M. L. Reba, M. A. Adviento-Borbe

“Innovation in Rice Irrigation Will Help Reduce Aquifer Decline”

University of Arkansas, Mississippi State University, USDA-ARS Delta Water Management Research Unit

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

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

E. Ghane
“Agricultural Engineering” Michigan State University

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

J. Nowatzki
“AE1876 Understanding Air Temperature Inversions Relating to Pesticide Drift”
North Dakota State University

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

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

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

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)” Ministry of Agriculture, Food, & Rural
Affairs

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

W.B. Smith
“Home-Made Hydraulic Ram Pump for Livestock Water” Clemson University Cooperative Extension
Service

S. Ehlers, R. Stuthridge, W. Field, Q. Geng, J. Smith “Adaptive Hand Controls for
Agricultural Engineering” Purdue University, National AgrAbility Project

S. Irmak
“Evapotranspiration Basics and Estimating Actual Crop Evapotranspiration from Reference Evapotranspiration
and Crop-Specific Coefficients”
University of Nebraska-Lincoln

V. *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” University of Wisconsin-Madison

R.G. Lopez, E. S. Runkle, and A.J. Both “Light Management in Controlled Environments” Michigan State University, Rutgers University

D. Maier, S. McNeill, K. Hellevang, K. Ambrose, K. Ijeleji, C. Jones, M. Purschwitz, K. Walker, J. Moore, L. Wetterauer “Grain Drying, Handling, and Storage Handbook (MWPS-13)” Midwest Plan Service (MWPS), Iowa State University

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” University of Florida

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. MCMAINE

“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. HUHNEKE, A. ERICHSEN, 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”

<http://www.extension.org/pages/15538/air-quality-in-animal-agriculture>

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

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. GRISSO, 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

**R. LEMENAGER, D. JONES, D. BUCKMASTER, W. FIELD,
T. GLANVILLE, L. HORSTMAN, K. JOHNSON, J. LOVEN,
G. SELK, T. STEWART, R. WILLIAMS, K. WALKER, J. MOORE**

“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 Wisconsin-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

**J. GOATLEY, W.L. DANIELS, G. EVANYLO, L. FOX,
K. HAERING, S. HODGES, R. MAGUIRE, D. SAMPLE,
D. HANSEN, D. KINDIG, T. SEXTON, R. HABEL,
K. HENSLER**

“Urban Nutrient Management Handbook Access at:

<http://pubs.ext.vt.edu/430/430-350/430-350.html>

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

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J. VOGEL, S. LOVERN

“Oklahoma Low Impact Development Web Site”

<http://lid.okstate.edu>

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Publications – Short (less than 9 pages)

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