

Barry Ward

Curriculum Vita 1/25

Rank

Assistant Professor
Ohio State University Extension

Title

Leader, Production Business Management
Director, OSU Income Tax Schools

Contact Information:

Ohio State University Extension
The Ohio State University
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Education

Master of Science Degree - December 1991
The Ohio State University
College of Agriculture
Major: Agricultural Economics
Area of Emphasis: Agricultural Futures and Options
Thesis Title: Commodity Trading Advisor Accounts: Investment Performance and Predictability

Bachelor of Science Degree - June 1989
The Ohio State University
College of Agriculture
Major: Agricultural Economics

Employment

2016- Present	Assistant Professor, OSU Extension Leader, Production Business Management Director, OSU Income Tax Schools Ohio State University Extension	Columbus Campus
2005-2016	Assistant Professor, OSU Extension Leader, Production Business Management Department of Agricultural, Environmental and Development Economics	Columbus Campus
1991-2005	Ohio State University Extension Educator Extension Agent, Agriculture & Natural Resources	Ohio

Position Description

The overall role of the Leader, Production Business Management is to provide leadership for the development and delivery of Extension Programs that provide managers of agricultural production businesses with tools, information, and analysis to manage their firms. The Leader, Production Business Management works collaboratively with OSUE Faculty and Program Staff as well as Extension Educators and Specialists to create, manage, support, market, and deliver quality programs. This position reports to the ANR Assistant Director.

Honors and Awards

Administrative Cabinet Recognition of Outstanding Contribution, Extension Administrative Cabinet, 2015
JCEP/ESP Team Teaching - First Place - One Program Area - 2-4 Members, 2014
NACAA Search for Excellence in Farm and Ranch Financial Management - North Central Region Winner and National Finalist, NACAA, National Association of County Agricultural Agent, 2013

Extramural Funding

“Competitive Benchmarking: Assisting New York and Ohio Livestock Producers to Increase Profitability and Manage Risk in a Volatile Environment”, USDA-NIFA, \$168,488, Baker, Shoemaker, Ifft, Katchova, Ward

“Ready, Set, Go: Preparing Farms to Successfully Manage Risk”, NC Risk Management Extension Education Grant, \$41,003, Shoemaker, Dianne, Ward, Barry, 2014

“North Central Extension Farm Management Committee Lease & Lease Education Materials Development and Delivery” NC Risk Management Extension Education Grant, \$49,912
Principal Investigators: North Central Farm Management Extension Committee: Arlin Branstrom, Univ. of Wis.; Dwight Aakre, N.D. State Univ.; Damona Doye, Oklahoma St. Univ.; Barry Ward, Ohio State Univ.; William Edwards, Iowa St. Univ.; Dale Nordquist, CFFM, 2013

“Initial Feasibility Assessment of a Small Supervised Autonomous Equipment Solution – CNH”
“Initial Feasibility Assessment of a Seed Tape Production System – CNH”
“Initial Feasibility Assessment of a Strip Intercropping System – CNH”
CNH, \$228,159.68, Principal Investigators, Scott Shearer, Brian Roe, Barry Ward and Peter Thomison.

Service, Professional

Member - North Central Farm Management Extension Committee, 2005 – Present

Chair - 2012, Vice-Chair – 2011, Secretary - 2010

Member – American Society of Farm Managers and Rural Appraisers – Ohio Chapter

Secretary/Treasurer 2008-Present

Member - Ohio Department of Taxation Current Agricultural Use Valuation (CAUV) Advisory Committee

Service, The Ohio State University

Advisor – Agri-Business/NAMA Club, 2011 - Present

Advisor – Alpha Gamma Sigma Fraternity, 2009 - Present

Member – OSU College of Food, Agricultural and Environmental Sciences Faculty Council, 2013 - 2017

Secretary – 2014-2015, Vice Chair – 2015 - 2016

Classes Taught

AEDE 3104, "Farm Business Management", 2006 - Present

Students: 505

AEDE 3488 "Professional Development in Agribusiness and Applied Economics", 2013 – Present

Students: 27

Curriculum Developed/Taught

Examining Land Values, Cash Rents, Crop Input Costs & Potential Crop Profitability

Computerized Farm Record Keeping with Quicken

Ag and Natural Resources Income Tax Update

Fixed and Flexible Cash Rental Arrangements for Your Farm

AEDE Update and Applied Research

Economic Outlook for Equipment Dealers

Top Issues in Agriculture

Trying to Answer the Cash Rent Question - What is Equitable and Sustainable?

Enterprise Budgeting and Breakeven Costs

Timber Tax

CAUV and Property Taxes in Ohio

Extension Education

Extension Program:

Rural Appraiser and Professional Farm Manager Education:

I serve as the Secretary/Treasurer of the Ohio Chapter of the American Society of Farm Managers and Rural Appraisers. The organization is made up of rural appraisers, professional farm managers, attorneys and other agricultural professionals. In this role I organize and coordinate the educational offerings and continuing education requirements for the real estate and appraisal licensure. I also teach and provide educational materials in the areas of land value, managing cash rental arrangements and cost control at each of the educational offerings. The 2012 Annual Meeting evaluation showed all participants rated the educational program as Good or Excellent. Comment from 2012 attendee, "Most informative CE (Continuing Education) available as a rural appraiser and the relationships with fellow appraisers & managers are priceless."

Agricultural Lender Education: I co-coordinate agricultural lender educational seminars each year. In this role I serve as the co-coordinator of these educational offerings and currently organize, coordinate and teach portions of three agricultural lender workshops each year. Consultations with agricultural lenders are an important part of selecting educational objectives for these educational offerings. Evaluations showed that lenders improved their knowledge levels by 30% (Examining Potential Profitability for 2013) to as high as 73% (New Dairy Technologies) across nine topics.

Agricultural Policy and Outlook Education:

I serve as a teacher and co-facilitator as a part of Extension Policy and Outlook meetings targeting agricultural producers and professionals. My educational objectives are improving participant understanding of land value economics, cash rental economics and arrangements and crop cost economics.

Two meetings evaluated showed that 100% and 98% of participants "agreed" or "strongly agreed" that I "helped them understand these issues" taught.

Ohio Ag Manager Team:

As a part of the Ohio Ag Manager team I participate in monthly conference calls to generate ideas for the monthly Ohio Ag Manager online newsletter. This Ohio State University Extension newsletter focuses on educating clientele in the area of farm management. I author several article a year for this newsletter. In 2012 the Ohio Ag Manager Website had 706,650 visits and 2.1 million page views.

Ohio Tax Management Education:

I serve as a part of a team planning and conducting the Ohio Income Tax Schools and the Ag Issues Tax Schools for income tax preparers in Ohio. I teach Income Tax Issues for Agriculture and Natural Resources and Ethics to Income Tax Preparers. I also prepare curriculum and teach material on Timber Tax Management as a part of Timber Management Workshop for Ohio landowners. On a 5 point Likert scale, OSU Income Tax School Participants stated that they had a knowledge gain on average of 0.57.

Applied Research:

Economics of Strip InterCropping: Evaluating the net income differences between different cropping systems.

Precision Ag Cost Analysis: Research evaluating precision ag equipment costs.

Machinery Depreciation - Changes in Economic Depreciation: Research evaluating the economic depreciation of farm machinery and comparing depreciation amongst different time series.

Flexible Cash Farm Lease Issues and Structure: Studying contemporary flexible cash leases.

Ohio Enterprise Budgets

In conjunction with other Extension professionals and industry sources I develop enterprise budgets for targeted commodities important to Ohio producers. These budgets are used as stand-alone educational pieces and used for developing educational programming. The AEDE Enterprise Budget website had 866 "Pageviews" January 1 -30, 2012.

Ohio Cropland Values and Cash Rental Rates Research:

I conduct research on land values and cash rental rates through surveying agricultural professionals, rural appraisers and farm managers in Ohio. Data is collected by surveying agricultural lenders, farm managers and rural appraisers through mailed and online surveys. Data is collected, analyzed and summarized annually in the OSU Extension Factsheet "Ohio Cropland Values and Cash Rents 20XX-20XX".

Ohio Farm Custom Rates Survey Research and Summary:

Together with Extension Educators I conduct survey research of custom farming providers and clientele on farm custom rates, labor rates, building/land/machinery rental rates, and other farm related practices. Research is summarized annually in an Extension Factsheet. "Ohio Farm Custom Rates 20XX".

Collection and Dissemination of Input Price Data

Collection of input price (fertilizer and fuel) time series data from Green Markets (Industry Newsletter) and Ohio agricultural retailers for use in research, publications and presentations.

Fertilizer Pricing Research and Returns to Storage for Fertilizer Research

Volatility in fertilizer markets has led to cost uncertainty in crop production for Ohio farmers. Using data series collected from Ohio retailers and Green Markets (industry newsletter) data, storage alternatives have been analyzed for returns to fertilizer storage for use in presentations and articles.

Wages and Benefits for Farm Employees

The "Wages and Benefits For Farm Employees" study is conducted and summarized in an OSU Extension Factsheet. Data is collected on education, years of experience, type of general farm duties, days per week worked, hours per week worked, fringe benefits, etc.

Initial Feasibility Assessment of a Small Supervised Autonomous Equipment Solution

Initial Feasibility Assessment of a Seed Tape Production System

Initial Feasibility Assessment of a Strip Intercropping System

Economic Evaluation of The Ohio Department of Agriculture and The Ohio Environmental Protection Agency Directors' Agricultural Nutrients and Water Quality Working Group Final Report and Recommendations

Creative and Scholarly Works

Scholarly Work 2024

- 1) Scholarly Contributions and Creative Productions – Summary of major accomplishments and points of pride for you, OSU Extension, and CFAES. Include how shared, used, or impacts involved.

Conference Submission Paper Accepted
Regenerative Agriculture – Concept – Evidence – Criticism
Lammel, J., Ward, B., Theuvsen, L., Zimmer, Y.
agri benchmark Cash Crop Conference 2024
Valladolid, Castile and León, Spain
June 12, 2024

Conference Submission Paper Accepted
Joint Brainstorming: On-Farm Research Concept to Quantify Economic Potentials of Precision Ag
Herbert, A., Walther, S., Gergely, J., Ward, B.
agri benchmark Cash Crop Conference 2024
Valladolid, Castile and León, Spain
June 12, 2024

Poster Presentation Accepted
Farm Office Live – Resiliency and Innovation in Providing Farm Management Education
Marrison, D., Hall, P., Ward, B., Shoemaker, D., Brown, B., Moore, R., Lewis, J., Clevenger, B., Richer, E., Schroeder, C.
International Farm Management Association Congress 2024
Saskatoon, Saskatchewan, Canada
July 2024

Poster Presentation Accepted
Enterprise Budgets for Organic, Dual-Use Kernza Intermediate Wheatgrass Grain and Forage Production
Tajik, S., Ward, B., Robinson, B., Culman, S., & Deiss, L.
ASA, CSSA, SSSA International Meetings 2024
San Antonio, Texas
November 2024
Tajik, S., Ward, B., Robinson, B., Culman, S., & Deiss, L. (2024) Enterprise Budgets for Organic, Dual-Use Kernza Intermediate Wheatgrass Grain and Forage Production [Abstract]. ASA, CSSA, SSSA International Annual Meeting, San Antonio, TX. <https://scisoc.confex.com/scisoc/2024am/meetingapp.cgi/Paper/163472>

1. National Farm Income Tax Extension Committee, (2024). Farmer's Tax Guide (IRS Publication 225). [Government Document] Retrieved from <https://www.irs.gov/forms-pubs/about-publication-225> (Reviewer)

Publication status: Published

2. Ruff, G.R.; Barnes, T.; Campbell, B.; Essman, A. et al. (2024). 2024 eBarns. [Technical Report] OSU Extension, Columbus, OH, United States. Retrieved from https://issuu.com/efields/docs/ebarns_2023_final
3. Ward, B.W. (2024). Western Ohio Cropland Values and Cash Rents 2023-24. [Fact Sheet]
4. Ward, B.W.; Richer, E; Barker, J.; Bennett, A. (2024). Ohio Farm Custom Rates 2024 [Fact Sheet]

4. Ward, B.W.; Lee, S.; Lindsey, L. (2024). Ohio Wheat Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
5. Ward, B.W.; Lee, S.; Ortez, O. (2024). Ohio Corn Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
6. Ward, B.W.; Lee, S.; Lindsey, L. (2024). Ohio Soybean Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
7. Ward, B.W.; Samaneh, T.; Deiss, L.; Culman, S. (2024). Kernza Perennial Grains Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
8. Richer, E.; Ward, B.W.; Ortez, O. (2024). Ohio Organic Corn Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
9. Richer, E.; Ward, B.W.; Lindsey, L. (2024). Ohio Organic Soybean Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
10. Richer, E.; Ward, B.W.; Lindsey, L. (2024). Ohio Organic Wheat Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
11. Richer, E.; Jasinski, J.; Leeds, R.; Minter, L.; Ward, B.W.; (2024). Retail Jack-O-Lantern Pumpkin Production Budget 2024. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>
12. Hawkins, E. et al. (2024). 2024 eFields. [Technical Report] OSU Extension, Columbus, OH, United States. Retrieved from <https://digitalag.osu.edu/efields>

Scholarly Work 2023

Papers in Proceedings (Indicate Whether Peer Reviewed)

Ward, B.W. (2023-6-24). *Farmland Rental Issues in the U.S.* <http://www.agribenchmark.org/home.html> Paper presented at agri benchmark Cash Crop Conference 2023, Workshop CCC23 Land Rents – Still in Line with Market Fundamentals?

Retrieved from URL <https://www.thuenen.de/en/>

bulletins, Tech Reports, Fact Sheets

1. National Farm Income Tax Extension Committee, (2023). Farmer's Tax Guide (IRS Publication 225). [Government Document] Retrieved from <https://www.irs.gov/forms-pubs/about-publication-225>

Publication status: Published

2. Ruff, G.R.; Barnes, T.; Campbell, B.; Essman, A. et al. (2023). 2023 eBarns. [Technical Report] OSU Extension, Columbus, OH, United States. Retrieved from https://issuu.com/efields/docs/ebarns_2023_final

Publication status: Published

3. Ward, B.W.; moore, R. (2023). A Comparison of Business Entities Available to Ohio Farmers. [Fact Sheet] Retrieved from <https://farmoffice.osu.edu/law-library/business-law>

Publication status: Published

4. Ward, B.W.; Moore, R. (2023). Tax Characteristics of Business Entities Available to Ohio Farmers. [Fact Sheet] Retrieved from <https://farmoffice.osu.edu/law-library/business-law>

Publication status: Published

5. Ward, B.W. (2023). Western Ohio Cropland Values and Cash Rents 2022-23. [Fact Sheet]

Publication status: Published

6. Ward, B.W. (2023). Western Ohio Cropland Values and Cash Rents 2022-23. [Bulletin]

Publication status: Published

7. Ward, B.W.; Lee, S.; Loux, M. (2023). Corn Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/>

Publication status: Published

8. Ward, B.W.; Lee, S.; Loux, M.M. (2023). Ohio Corn Production Budget. [Bulletin]

Publication status: Published

9. Ward, B.W.; Lindsey, L.; Lee, S. (2023). Soybean Production Budget. [Technical Report]

Publication status: Published

10. Ward, B.W.; Lee, S.; Lindsey, L. (2023). Ohio Wheat Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

11. Ward, B.W.; Lee, S.; Ortez, O. (2023). Ohio Corn Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

12. Ward, B.W.; Lee, S.; Lindsey, L. (2023). Ohio Soybean Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

13. Ward, B.W.; Richer, E.; Ortez, O. (2023). Ohio Organic Corn Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

14. Ward, B.W.; Richer, E.; Lindsey, L. (2023). Ohio Organic Soybean Production Budget 2023. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

15. Hawkins, E. et al. (2023). 2023 eFields. [Technical Report] OSU Extension, Columbus, OH, United States. Retrieved from <https://digitalag.osu.edu/efields>

Publication status: Published

Farm Office Blogs & OAM Newsletter

<https://farmoffice.osu.edu/blog>

<https://u.osu.edu/ohioagmanager/>

Farmer/Farmland Owner Income Tax Webinar on December's Farm Office Live!
Barry Ward & Jeff Lewis, OSU Income Tax Schools
Dec 1

Agricultural & Natural Resources Income Tax Webinar
Barry Ward, Director, Income Tax Schools at The Ohio State University
Jeff Lewis, Income Tax Schools at The Ohio State University
Oct 27

Income Tax Schools at The Ohio State University
Income Tax Schools 2023
OSU Extension Announces Two-Day Tax Schools for Tax Practitioners &
Agricultural & Natural Resources Income Tax Issues Webinar
Barry Ward & Jeff Lewis, OSU Income Tax Schools
Oct 20

Western Ohio Cropland Values and Cash Rents 2022-23
Barry Ward, Leader, Production Business Management
Aug 29

Ohio Crop Returns Outlook for 2023 - Final Crop Enterprise Budgets for 2023
Barry Ward, Leader, Production Business Management
May 25

What are "Taxable Gross Receipts" Under Ohio's Commercial Activity Tax?
By: Jeffrey K. Lewis, Esq., Attorney and Program Coordinator, OSU Income Tax Schools and Barry Ward,
Leader, Production Business Management; Director, OSU Income Tax Schools
May 2

Factsheets Published:
Structuring Your Farm Business Law Bulletin Series, 2023
A Comparison of Business Entities Available to Ohio Farmers - Moore & Ward
Tax Characteristics of Business Entities Available to Ohio Farmers - Moore & Ward

Reviewer
IRS Pub 225 Farmer's Tax Guide

Popular Press

General Press Article
Farm Journal
Sept 23
Fertilizer Free Fall
Tyne Morgan

New Media
US Farm Report
Aug 17
Fertilizer Free Fall: The Gamble of Locking In Prices
Tyne Morgan

Ohio Country Journal

Scholarly Work 2022

Abstract and Short Entries (Indicate Whether Peer Reviewed) Posters Presented

1. Ward, B.W. (2022). *Determining Economic Depreciation for Powered Farm Machinery Using Online Price Data*. International Farm Management Congress 23. Lecture conducted from Copenhagen, Denmark. <https://www.ifma23.org/>.
1. Ward, B.W.; Richer, E.A. (2022). *Production: The Value and Limitations of Custom Farm Rate Surveys*. International Farm Management Congress 23. Lecture conducted from Copenhagen, Denmark. <https://www.ifma23.org/>.
2. Ward, B.W.; Richer, E.A. (2022). *A Comparative Analysis of the 2022 Organic Corn and Conventional Corn Enterprise Budgets in Ohio*. International Farm Management Congress 23. Lecture conducted from Copenhagen, Denmark. <https://www.ifma23.org/>.

bulletins, Tech Reports, Fact Sheets

1. Ward, B.W. (2022). Western Ohio Cropland Values and Cash Rents 2021-22. [Bulletin] Retrieved from <https://farmoffice.osu.edu/farm-management-tools/farm-management-publications/cash-rents>

Publication status: Published

2. Ward, B.W.; Barker, F.J.; Richer, E.A. (2022). Ohio Farm Custom Rates 2022. [Bulletin] Retrieved from <https://farmoffice.osu.edu/farm-management/custom-rates-and-machinery-costs>

Publication status: Published

3. Ruff, G.; Combs, R.; Campbell, B.; Fulton, J. et al. (2022). 2022 eBarns Report. [Technical Report] Ohio State University Extension, Columbus, OH, United States. Retrieved from https://issuu.com/efields/docs/ebarns_2022_final

Publication status: Published

4. Ward, B.W.; Lee, S.; Loux, M. (2022). Corn Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

5. Ward, B.W.; Lee, S.; Lindsey, L.; Loux, M. (2022). Soybean Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

6. Ward, B.W.; Lee, S.; Lindsey, L.; Loux, M. (2022). Wheat Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

7. Richer, E.A.; Ward, B. (2022). Organic Corn Production Budget 2022. [Fact Sheet] Retrieved from <https://farmoffice.osu.edu/sites/aglaw/files/site-library/farmmgtpdf/enterprisebudgets/corn-organic2022March4.xlsx>

Publication status: Published

8. Arnold, G.; Badertscher, M.; Barker, J.; Barnes, T. et al. (2022). 2021 eFields Report. [Technical Report] Retrieved from <https://digitalag.osu.edu/efields>

Publication status: Published

9. Ward, B.W.; Sulc, R.; Shoemaker, D.; Loux, M. (2022). Alfalfa Hay Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

10. Ward, B.W.; Sulc, R.; Shoemaker, D.; Loux, M. (2022). Alfalfa Haylage Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

11. Ward, B.W.; Sulc, R.; Shoemaker, D.; Loux, M. (2022). Corn Silage Production Budget 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

Scholarly Work 2021

Abstract and Short Entries (Indicate Whether Peer Reviewed)

1. Marrison, D.L.; Hall, P.; Shoemaker, D.; Ward, B. et al.. (2021). Farm Office Live- Helping Ohio Farms and Agribusinesses Navigate the Coronavirus Pandemic. [Abstract]. *I. Marrison, D. (2021). Coshocton County Forage and Pasture Management Program. [Abstract]. Proceedings of the 106th Annual Meeting and Professional Improvement Conference of the National Association of County Agricultural Agents, 176-176.* Retrieved from <https://www.nacaa.com/ampic/2021/2021%20Proceedings%20LR.pdf>.

Publication status: Published.

2. Brown, B.; Hall, P.; Shoemaker, D.; Ward, B. et al.. (2021). Building Educator Capacity through the State Farm Management & Ag Law Inservice. *2020 Extension Risk Management Education National Conference.* Retrieved from https://agrisk.umn.edu/Conferences/Presentation/building_educator_capacity_through_the_state_.

Publication status: Published.

3. Estadt, M.J.; Ward, B.; Richer, E.; Griffith, M.. (2021). Producer Benchmarking for Development of Enterprise Budgets for Malting Barley in Ohio. *Ag Risk & Farm Management Library.* Retrieved from https://agrisk.umn.edu/Conferences/Presentation/producer_benchmarking_for_development_of_ente.

Publication status: Published.

bulletins, Tech Reports, Fact Sheets

1. Ward, B.W.; Shoemaker, D.; Sulc, R.M.; Loux, M.M. (2021). Alfalfa Hay Production Budget - 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

2. Ward, B.W.; Shoemaker, D.; Sulc, R.; Loux, M. (2021). Alfalfa Haylage Production Budget - 2022. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

3. Ward, B.W.; Shoemaker, D.; Sulc, R.M.; Loux, M. (2021). Corn Silage Production Budget. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

4. Smith, S.E.; Ruff, G.; Ward, B.; Boyles, S. et al. (2021). Market Beef Budget (Self-Fed) - 2021. [Bulletin] Retrieved from <https://farmoffice.osu.edu/sites/aglaw/files/site-library/farmmgtpdf/enterprisebudgets/MarketBeefBudget%20SelfFed%202021.xlsx>

Publication status: Published

5. Smith, S.E.; Ruff, G.; Zoller, C.; Boyles, S. et al. (2021). Market Beef Budget (Bunk-Fed) 2021. [Bulletin] Retrieved from <https://farmoffice.osu.edu/sites/aglaw/files/site-library/farmmgtpdf/enterprisebudgets/MarketBeefBudget%20BunkFed%202021.xlsx>

Publication status: Published

6. Ward, B.W. (2021). The American Families Plan: An Analysis of Proposed Tax Changes Farm Case Study #2: Ohio. [Technical Report]

Publication status: Published

7. Ward, B.W. (2021). The American Families Plan: An Analysis of Proposed Tax Changes Farm Case Study #1: Ohio. [Technical Report]

Publication status: Published

8. Schroeder, C.J.; Ward, B.; Douridas, A.; Loux, M. et al. (2021). Soybean Following Cover Crop Production Budget 2021. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

9. Ward, B.W.; Shoemaker, D.; Thomison, P.; Loux, M. (2021). Corn Production Budget - 2021. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

10. Ward, B.W.; Shoemaker, D.; Lindsey, L.; Loux, M. (2021). Soybean Production Budget - 2021. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

11. Ward, B.W.; Shoemaker, D.; Lindsey, L.; Loux, M. (2021). Wheat Production Budget - 2021. [Technical Report] Retrieved from <https://farmoffice.osu.edu/farm-management/enterprise-budgets>

Publication status: Published

12. Hawkins, E.M.; Fulton, J.P.; Arnold, A.; Arnold, G. et al. (2021). 2020 eFields Report. [Technical Report] Ohio State University, Columbus, Ohio, United States. Retrieved from <http://go.osu.edu/eFields>

Publication status: Published

Scholarly Work 2020

Abstract and Short Entries (Indicate Whether Peer Reviewed)

1. Estadt, M.; Griffith, M.; Richer, E.; Ward, B.. (2020). Producer Benchmarking for Development of Enterprise Budgets for Malting Barley in Ohio. *Proceedings of the 105th Annual Meeting and Professional Improvement Conference*, 91-91. Retrieved from <https://www.nacaa.com/ampic/2020/2020%20Proceedings%20lr.pdf>.

Publication status: Published.

2. Marrison, D.L.; Brown, B.; Hall, P.; Shoemaker, D. et al.. (2020). Expanding Farm Management Programming Through the State Farm Management & Ag Law In-service. *Proceedings of the 105th Annual Meeting & Professional Improvement Conference of the National Association of County Agricultural Agents*, 190-190. Retrieved from <https://www.nacaa.com/ampic/2020/2020%20Proceedings%20lr.pdf>.

Publication status: Published.

j) Papers in Proceedings (Indicate Whether Peer Reviewed)

1. Estadt, M.J.; Richer, E.; Griffith, M.; Ward, B. (2020-9-21). *Producer Benchmarking for Development of Enterprise Budgets for Malting Barley in Ohio*. Paper presented at 105th Annual Meeting And Professional Improvement Conference NACAA, Maroa, Illinois. Retrieved from URL <https://www.nacaa.com/posters/uploads/1954.pdf>

Publication Status: Published, Acceptance Rate: 0.

2. Brown, B.; Bruynis, C.L.; Hall, P.; Marrison, D.; Shoemaker, D.; Strawser, J.; Ward, B. (2020-4-1). *Building Educator Capacity through the State Farm Management & Ag-Law In-service*. Paper presented at 2020 Extension Risk Management Education National Conference, (pp. 44-44). Newark, United States. Retrieved from URL <http://erme.events/wp-content/uploads/2020/03/ERME-2020-Book-Web.pdf>

Publication Status: Published, Acceptance Rate: 0.

d) bulletins, Tech Reports, Fact Sheets

1. Ward, B.W. (2020). Ohio Farm Custom Rates 2020. [Fact Sheet] Retrieved from <https://farmoffice.osu.edu/farm-mgt-tools/custom-rates-and-machinery-costs>

Publication status: Published

2. Ward, B.; Barker, F.J.; Richer, E. (2020). Ohio Farm Custom Rates 2020. [Bulletin] Ohio State University, 2120 Fyffe Road, Columbus, OH, United States. Retrieved from <https://farmoffice.osu.edu/sites/aglaw/files/site-library/farmBusiness/Ohio%20Farm%20Custom%20Rates%20Draft%202020%20Final%20Revised.pdf>

Publication status: Published

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Scholarly Work 2019

Papers in Proceedings

- Ward, B.; Hall, P.; Richer, E. (2019-6-14). Contemporary Farmland Lease Issues: Results from Recent Surveys in Ohio and Educational Opportunities. Paper presented at National Farm Business Management Conference.
- Marrison, D.L.; Ward, B.; Bruynis, C. (2019-9-8). Helping Ohio Farmers & Tax Professionals Understand the Tax Cuts & Jobs Act of 2017. Paper presented at 2019 National Association of County Agricultural Agents Annual Meeting & Professional Improvement Conference.

Bulletins, Tech Reports, Fact Sheets

- Western Ohio Cropland Values and Cash Rents 2018-19, OSUE ANR Factsheet - Ward, B.
- Corn Production Budget 2019 - Ward, B., Thomison, P., Loux, M., Stachler, Jeff
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Media

- Numerous O.A.M., C.O.R.N., and media articles

Scholarly Work 2018

Journal Articles – Peer Reviewed

Hall, P., Ward, B., Crossing Lines: Integrating Law and Economics in Farmland Leasing Workshops, Journal of Extension, August 2018, Volume 56, Number 4, Article # 4IAW1
Ideas at Work

Fact Sheets

- a) Western Ohio Cropland Values and Cash Rents 2017-18, OSUE ANR Factsheet - Ward, B.
- b) Ohio Farm Custom Rates 2018 – Ward, B., Barker, J.

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- a) Corn Production Budget 2018 - Ward, B., Thomison, P., Loux, M.
- b) Soybean Production Budget 2018 - Ward, B., Lindsey, L., Loux, M.
- c) Wheat Production Budget 2018 - Ward, B., Lindsey, L., Loux, M.
- d) Swine Production Budget - Farrow to Wean 2018 - Ward, B., Ricker, D.
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- f) Dairy Cow Budget - Large Breed 2018 – Ward, B., Shoemaker, D., Eastridge, M.
- g) Alfalfa Hay Production Budget 2018 - Ward, B., Shoemaker, D., Sulc, M.
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Media – (A Sample is Listed Below)

Ward, B., (Primary Source) What Will Farmers Face in 2018?, Rural Life Today, February 2018

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Ohio Ag Manager Newsletter

Ward, B., Ohio Enterprise Budgets, May 2018

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Ward, B., Barker, J., Ohio Farm Custom Rates 2018: Part 1, July 2018

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Ward, B. Agricultural Tax Issues Webinar, September 2018

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Scholarly Work 2017

Conference Proceedings – Peer Reviewed

Ward, B., ECONOMIC DEPRECIATION: EVIDENCE OF CHANGE FROM HIGH MARGIN TO LOW MARGIN PERIODS, 21st International Farm Management Congress Volume 1, Edinburgh, Scotland, UK, July 2-7, 2017

Presentations

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Romich, E., Civittolo, D., Bowen, N., and Ward, B. (2017). Energy Overview: Evaluating Propane and Natural Gas Trends. TR-17-02. Columbus, Ohio: The Ohio State University.

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Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Cow/Calf Budget - 205 Days 2017

Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Market Heifer Budget - 220 Days 2017

Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Market Steer Budget - 265 Days 2017

Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Market Steer Budget - 285 Days 2017

Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Yearling Market Steer Budget - 182 Days 2017

Ward, B., Boyles, S., Grimes, J., Dugan, D., Estadt, M., Fisher, J., Smith, S., Yearling Market Steer Budget - 190 Days 2017

Media

Nine Strategies for a Profitable 2017, CFAES and Various Media, Ward, B. Author

Tax Management Tools for Farmers, Ohio's Country Journal, Mid-January Edition, Ward, B., Author

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Ward, B.W.. "Contemporary Flexible Cash Farm Leases - Parameter Derivation" In: International Farm Management Congress Proceedings. 20th International Farm Management Congress, Quebec City, Quebec, Canada (2015): [Peer-Review] (Published) 60% Authorship

Hall, P., Ward, B.. "Farmland Leasing Programming: Blending Legal and Economic Content to Reach Landowners and Tenant Farmers" National Association of County Agricultural Agents AM/PIC Proceedings. Sioux Falls, NACAA. (2015): Peer-Review] (Published) 40% Authorship

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