

# CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

**NAME:** Ronald K. Patterson

**DATE:** October 31, 2025

**RANK OR TITLE:** Extension Professor  
Extension Educator

**DEPARTMENT:** CALS Eastern District

**OFFICE LOCATION:** University of Idaho Extension, Bonneville County  
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Idaho Falls, ID 83404

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**DATE OF FIRST EMPLOYMENT AT UI:** November 19, 2018

**DATE OF TENURE:** July 1, 2022

**DATE OF PRESENT RANK OR TITLE:** July 1, 2022

## **EDUCATION BEYOND HIGH SCHOOL:**

### **Degrees:**

M.S., 1994, Agriculture Education, University of Idaho, Moscow, Idaho.  
B.S., 1987, Agriculture Education, University of Idaho, Moscow, Idaho.  
A.A., 1984, Horticulture, Brigham Young University – Idaho, Rexburg, Idaho.  
A.A.S., 1983, Accounting, Brigham Young University – Idaho, Rexburg, Idaho.

### **Certificates and Licenses:**

Institutional Review Board, January 2023.  
Professional Pesticide Applicator, Idaho State Department of Agriculture, October 2019 – present.  
Non-Commercial Pesticide Applicator, Utah Department of Agriculture and Food, 2007 – 2020.  
Utah State Teaching Certificate, Secondary, 2003 – 2008.  
Idaho State Teaching Certificate, 1987 – 2007.

## **EXPERIENCE:**

### **Teaching, Extension and Research Appointments:**

Extension Professor and Extension Educator, University of Idaho, Bonneville County, Idaho Falls, Idaho, July 2022 – present.  
Associate Extension Professor and Extension Educator, University of Idaho, Bonneville County, Idaho Falls, Idaho, November 2018 – June 2022.  
Associate Extension Professor and Extension Agent, Utah State University, Weber and Morgan Counties, Utah, 2017 – 2018.  
Associate Extension Professor and Extension Agent, Utah State University, Carbon County, Utah, 2011 – 2016.  
Assistant Extension Professor and Extension Agent, Utah State University, Carbon County, Utah, 2005 – 2011.

### **Academic Administrative Appointments:**

County Chair, University of Idaho Extension, Bonneville County, Idaho Falls, Idaho, 2018 – present.

**EXPERIENCE: (continued)****Non-Academic Employment including Armed Forces:**

High School Agriculture Teacher, Sevier School District, North Sevier High School, Salina, Utah, 2003 – 2005.

Farm Business Management Teacher, Eastern Idaho Technical College, Idaho Falls, Idaho, 1997 – 2003.

High School Agriculture Teacher, Plummer/Worley School District, Plummer, Idaho, 1996 – 1997.

High School Agriculture Teacher, Nampa School District, Nampa High School, Nampa, Idaho, 1993 – 1996.

Office Manager/Livestock Nutritionist, Hill Milling Company, Terreton, Idaho, 1988 – 1993.

Gardener, Idaho Falls LDS Temple, Idaho Falls, Idaho, 1984 – 1985.

**TEACHING ACCOMPLISHMENTS:****Areas of Specialization:**

Horticulture

Agriculture

4-H Youth Development

Extension Media Production

**Interns/Students Advised:**

Kylee Chamberlain, 2022.

Brianna Barnard, 2022.

Hughes, Heather, 2016.

Woodruff, Alexis, 2016.

**Materials Developed:****Workbooks, Manuals:**

Patterson, R.K. Landscape water check program. Spreadsheet program to calculate landscape irrigation system efficiencies. 2015.

**Webpages:**

Allen, L. and **R.K. Patterson**. Idaho Landscapes and Gardens.

<https://www.uidaho.edu/extension/landscapes>. 2020 – present.

Patterson, R.K. 2018. Epsilon Sigma Phi – IOTA Chapter website. <http://extension.usu.edu/ESP>.

Patterson, R.K. UACAA Association website. 2015 – 2018. <http://extension.usu.edu/UACAA>.

Patterson, R.K. NACAA 2017 Conference website. 2016 – 2017.

<http://extension.usu.edu/nacaa2017>.

Patterson, R.K. Carbon County Extension website. 2007 – 2016. <http://extension.usu.edu/carbon>.

Patterson, R.K. Carbon County 4-H website. 2007 – 2016. <http://carboncounty4h.org>.

**Video Productions:****Educational Videos Produced at University of Idaho Extension:**

Farm business management class videos:

Patterson, R.K. Balance sheet basics-revised. YouTube video. Unlisted. September 2025.

Patterson, R.K. Balance sheet basics. YouTube video. Unlisted. November 2023.

Patterson, R.K. 2023 session 6 your professional team. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 financial records. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 chart of account basics. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 customers and vendors. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 solvency ratios. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 liquidity analysis. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 ratios intro. YouTube video. Unlisted. 2023.

Patterson, R.K. 2023 balance sheet basics. YouTube video. Unlisted. 2023.

**TEACHING ACCOMPLISHMENTS: Materials Developed: Video Productions: Educational Videos  
Produced at University of Idaho Extension: Farm business management class videos: (continued)**

Patterson, R.K. 2023 farm financial analysis welcome. YouTube video. Unlisted. 2023.  
 Patterson, R.K. Balance sheet basics. YouTube video. Unlisted. 2022.  
 Patterson, R.K. Cash vs accrual accounting. YouTube video. Unlisted. 2022.  
 Patterson, R.K. Balance sheets in QuickBooks. YouTube video. Unlisted. 2022.  
 Patterson, R.K. Double entry accounting. YouTube video. Unlisted. 2022.  
 Patterson, R.K. Week 1 Balance Sheet Basics. YouTube video. Unlisted. 2022.

Master Gardener program videos:

Patterson, R.K. Sprinkler system evaluation and Feb 19 Q&A. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Thinning fruit. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Grafting. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Garden tool basics. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Sprinkler system design and Jan. 22 Q&A. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Winterize tools & equipment. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Role of auxins in plant growth. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Weather and water. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Sprinkler system maintenance. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Soil-water relationship. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Plants and irrigation. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Landscape design & irrigation. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Irrigation schedule guidelines. YouTube video. Unlisted. 2025.  
 Patterson, R.K. 2025 Welcome and introduction. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Weed control and identification. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Plant processes. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Plant Hormones. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit trees: weed control. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit tree fertilization and irrigation. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit tree site selection. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit tree pests and diseases. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit tree climate issues. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Common fruit trees of Idaho. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Fruit thinning. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Grafting & March 20 Q&A. YouTube video. Unlisted. 2024.  
 Patterson, R.K. The role of auxins & Feb 21 Q&A. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Season extension. YouTube video. Unlisted. 2024.  
 Patterson, R.K. and B. Henderson. Pruning small fruits. YouTube video. Unlisted. 2024.  
 Patterson, R.K. MG plant classifications. YouTube video. Unlisted. 2024.  
 Patterson, R.K. MG binomial nomenclature. YouTube video. Unlisted. 2024.  
 Patterson, R.K. MG response to the environment. YouTube video. Unlisted. 2024.  
 Patterson, R.K. MG plant hormones. YouTube video. Unlisted. 2024.  
 Patterson, R.K. MG plant processes. YouTube video. Unlisted. 2024.  
 Patterson, R.K. Drought stress in trees. YouTube video. Unlisted. 2024.  
 Agenbroad, A., J. Gibbons and **R.K. Patterson**. 2021-2023 market gardening. YouTube video.  
 Unlisted. 2023.  
 Patterson, R.K. 2023 small fruit production. YouTube video. Unlisted. 2023.  
 Patterson, R.K. 2023 tree fruit production. YouTube video. Unlisted. 2023.  
 Patterson, R.K. 2023 season extension. YouTube video. Unlisted. 2023.  
 Patterson, R.K. 2023 irrigation. YouTube video. Unlisted. 2023.  
 Patterson, R.K. 2023 plant physiology. YouTube video. Unlisted. 2023.  
 Patterson, R.K. Idaho Master Gardener – plant anatomy and plant processes. YouTube video.  
 Unlisted. 2021

Idaho Home Garden Tips and Plant Talk program videos:

Patterson, R.K. 2025 IHGT growing tomatoes in Idaho. YouTube video. Unlisted. 2025.  
 Patterson, R.K. 2025 IHGT seed shopping & Feb 11 Plant Talk. YouTube video. Unlisted. 2025.

**TEACHING ACCOMPLISHMENTS: Materials Developed: Video Productions: Educational Videos  
Produced at University of Idaho Extension: Master Gardener program videos: (continued)**

- Patterson, R.K. 2024 fresh harvest and short-term storage. YouTube video. Unlisted. 2025.  
 Patterson, R.K. 2024 reduced tillage options. YouTube video. Unlisted. 2025.  
 Patterson, R.K. 2024 high tunnel management. YouTube video. Unlisted. 2025.  
 Patterson, R.K. Caneberry establishment and care. YouTube video. Unlisted. 2025.

Public access videos:

- Patterson, R.K. 2023 garden site preparation – 2023 Idaho home garden tips. YouTube video.  
[https://www.youtube.com/watch?v=L\\_9d5fpIOC8&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=21&pp=gAOBiAOB](https://www.youtube.com/watch?v=L_9d5fpIOC8&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=21&pp=gAOBiAOB). 2023.  
 Patterson, R.K. 2023 garden site selection – 2023 Idaho home garden tips. YouTube video.  
[https://www.youtube.com/watch?v=mXwPlkuKWO0&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=20&pp=gAOBiAOB](https://www.youtube.com/watch?v=mXwPlkuKWO0&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=20&pp=gAOBiAOB). 2023.  
 Patterson, R.K. Fall weed control. YouTube video. <https://youtu.be/pySLHG12gmk>. 2021.  
 Patterson, R.K. Fall planting of garlic and spring bulbs. YouTube video.  
[https://youtu.be/gbPR\\_14f8p4](https://youtu.be/gbPR_14f8p4). 2021.  
 Patterson, R.K. NACAA 2021 Communication Awards. YouTube video.  
<https://www.youtube.com/watch?v=o3jr1CICChk>.  
 Patterson, R.K. and J.R. Findlay. Plant Talk with Ron & Reed, episode 1. YouTube video.  
<https://youtu.be/enYGI52L-DA>. 2021.  
 Patterson, R.K. How to prune and trellis tomatoes. YouTube video. <https://youtu.be/JyF7ufcR8S4>.  
 2021.  
 Patterson, R.K. Fall lawn care: get set for winter. YouTube video.  
<https://youtu.be/dEYK2vJEDmE>. 2020.  
 Patterson, R.K. Season extension: tools and techniques. YouTube video.  
<https://youtu.be/RIIPL717apQ>. 2020.  
 Patterson, R.K. Houseplants: the gardener's winter fix. YouTube video.  
<https://youtu.be/tk1XLm2Fipo>. 2020.  
 Patterson, R.K. Spring lawn care: how to save your water bill. YouTube video.  
<https://youtu.be/symnNTKrZOY>. 2020.  
 Patterson, R.K. How to start seeds indoors. YouTube video.  
<https://www.youtube.com/watch?v=JDNAJBrCCoY>. 2020.  
 Patterson, R.K. How to prune raspberries. YouTube video. <https://youtu.be/pL0xNsLuvHw>. 2020.  
 Patterson, R.K. How to control weeds: musk thistle. YouTube video.  
<https://youtu.be/NARlIK8xnW4>. 2019.  
 Patterson, R.K. How to plant raspberries. YouTube video. <https://youtu.be/bXu-Edu9gUg>. 2019.  
 Patterson, R.K. How to air layer a monocot plant. YouTube video.  
<https://www.youtube.com/watch?v=oxuFr6mGWJE>. 2019.

**Educational Videos Produced at Utah State University Extension:**

- Patterson, R.K. How to control yellow starthistle weed, YouTube video.  
<https://www.youtube.com/watch?v=YkAlpQiRZsw>. 2018.  
 Patterson, R.K. How to control puncturevine, YouTube video.  
[https://www.youtube.com/watch?v=NK0\\_iu3ef5U](https://www.youtube.com/watch?v=NK0_iu3ef5U). 2018.  
 Patterson, R.K. How to control dyer's woad weed, YouTube video.  
[https://youtu.be/\\_X8NvUY40UY](https://youtu.be/_X8NvUY40UY). 2018.  
 Patterson, R.K. How to win blue ribbons with your summer squash. YouTube video.  
<https://youtu.be/PfhRuaSfHbw>. 2017.  
 Patterson, R.K. eXtension webinar: pruning and trellising tomatoes, YouTube video.  
<https://youtu.be/ar9unCJwbiI>. 2017.  
 Patterson, R.K. Hoop house ventilation. YouTube video.  
<www.youtube.com/watch?v=kUAUdKsd-H8>. 2016.  
 Patterson, R.K. Hoop house cover. YouTube video. <www.youtube.com/watch?v=ubGm-Xg4FE>.  
 2016.  
 Patterson, R.K. Hoop house end wall and door latch. YouTube video.  
<www.youtube.com/watch?v=mGZa5cRXadA>. 2016.

**TEACHING ACCOMPLISHMENTS: Materials Developed: Video Productions: Educational Videos  
Produced at Utah State University Extension: Public access videos: (continued)**

- Patterson, R.K. Hoop house side wall construction. YouTube video. <https://youtu.be/lxrN0At8F7w>. 2016.
- Patterson, R.K. Hoop house construction 2: arches. YouTube video. <https://youtu.be/O8Qkoezs9IY>. 2016.
- Patterson, R.K. Hoop house construction 1: layout. YouTube video. [www.youtube.com/watch?v=J\\_YnCBtebls](http://www.youtube.com/watch?v=J_YnCBtebls). 2016.
- Patterson, R.K. How to grow peas in the fall. YouTube video. <https://youtu.be/CMUHpM2jb6w>. 2016.
- Patterson, R.K. How to store potatoes. YouTube video. <https://youtu.be/8y-rSJvuuQM>. 2015.

**Displays and Posters:**

- Worwood, D.R., **R.K. Patterson**, C. Ransom, and S. Price. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. RiversEdge West Riparian Restoration Conference, Phoenix, Arizona. February 5-7, 2019.

**Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:**

**Horticulture:**

- Patterson, R.K. BYU Idaho FCS class: the pathway to Extension. Zoom presentation, October 30, 2025.
- Patterson, R.K. Extension Advisory Board: development of online hybrid programs, Zoom presentation, October 23, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-19, Zoom presentation, October 28, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-18, Zoom presentation, October 14, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-17, Zoom presentation, September 23, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-16, Zoom presentation, September 9, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-15, Zoom presentation, August 26, 2025.
- Patterson, R.K. Plant Talk episode 25-14, Zoom presentation, August 19, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-13, Zoom presentation, August 12, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-12, Zoom presentation, July 22, 2025.
- Patterson, R.K. and J. Thomas. Plant Talk episode 25-11, Zoom presentation, July 8, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-10, Zoom presentation, June 24, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-9, Zoom presentation, June 10, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-8, Zoom presentation, May 27, 2025.
- Patterson, R.K. Idaho home garden tips: growing tomatoes, Zoom presentation, May 27, 2025.
- Patterson, R.K. High altitude victory garden: garden issues/crop rotation, May 22, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-7, Zoom presentation, May 13, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-6, Zoom presentation, April 22, 2025.
- Patterson, R.K. Cultivating healthy plants: spring weed control: get a jump on them before they get a jump on you, Zoom presentation, April 15, 2025. *Invited presentation.*
- Patterson, R.K. Idaho Advanced Master Gardener program: weed identification and control, Zoom presentation, April 15, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-5, Zoom presentation, April 8, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-4, Zoom presentation, March 25, 2025.
- Patterson, R.K. Idaho Master Gardener program: grafting workshop, Idaho Falls, Idaho, March 15, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-3, Zoom presentation, March 11, 2025.
- Patterson, R.K. Bonneville County horticulture symposium: small fruits, 3 presentations, Idaho Falls, Idaho, March 1, 2025.
- Patterson, R.K. Bonneville County horticulture symposium: site selection and preparation for production, Idaho Falls, Idaho, March 1, 2025.
- Patterson, R.K. and R. Findlay. Plant Talk episode 25-2, Zoom presentation, February 25, 2025.
- Patterson, R.K. Idaho Master Gardener program: seed starting workshop, Idaho Falls, Idaho, February 22, 2025.

**TEACHING ACCOMPLISHMENTS: Materials Developed: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Idaho Master Gardener program: testing your sprinkler system, Zoom presentation, February 19, 2025.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 25-1, Zoom presentation, February 11, 2025.
- Patterson, R.K. Idaho home garden tips: seed shopping, Zoom presentation, February 11, 2025.
- Patterson, R.K. Idaho Master Gardener program: pruning fruits trees and shrubs workshop, Idaho Falls, Idaho, February 8, 2025.
- Patterson, R.K. Idaho Master Gardener program: pruning ornamental trees and shrubs workshop, Idaho Falls, Idaho, January 25, 2025.
- Patterson, R.K. Idaho Master Gardener program: irrigation system design, Zoom presentation, January 22, 2025.
- Patterson, R.K. Idaho Master Gardener program: welcome and introduction, Zoom presentation, January 15, 2025.
- Patterson, R.K. Non-profit Alliance: horticulture volunteer opportunities in Idaho Falls, Idaho Falls, Idaho, January 3, 2025.
- Patterson, R.K. Landscape drafting, Idaho Falls, Idaho, November 11, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-18, Zoom presentation, October 22, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-17, Zoom presentation, October 8, 2024.
- Patterson, R.K. Idaho home garden tips: caneberries, Zoom presentation, October 8, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-15, Zoom presentation, September 10, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-14, Zoom presentation, August 27, 2024.
- Patterson, R.K. Idaho home garden tips: high tunnels, Zoom presentation, August 27, 2024.
- Patterson, R.K. Idaho Master Gardener program: bud grafting workshop, Idaho Falls, Idaho, August 17, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-13, Zoom presentation, August 13, 2024.
- Patterson, R.K. Idaho home garden tips: fresh vegetable storage, Zoom presentation, August 13, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-12, Zoom presentation, July 23, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-11, Zoom presentation, July 9, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-10, Zoom presentation, June 25, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-9, Zoom presentation, June 11, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-8, Zoom presentation, May 28, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-7, Zoom presentation, May 14, 2024.
- Patterson, R.K. Idaho Master Gardener program: houseplant workshop, Idaho Falls, Idaho, May 4, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-6, Zoom presentation, April 23, 2024.
- Patterson, R.K. Idaho Master Gardener program: tree fruits and small fruits, Zoom presentation, April 10, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-4, Zoom presentation, March 26, 2024.
- Patterson, R.K. Idaho home garden tips: no-till options, Zoom presentation, March 26, 2024.
- Patterson, R.K. Idaho Master Gardener program: grafting workshop, Idaho Falls, Idaho, March 24, 2024.
- Patterson, R.K. Idaho Master Gardener program: grafting, Zoom presentation, March 20, 2024.
- Patterson, R.K. Idaho Master Gardener program: pruning ornamental trees and shrubs workshop, Idaho Falls, Idaho, March 16, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-3, Zoom presentation, March 12, 2024.
- Patterson, R.K. Native landscape design, Compass Academy, Idaho Falls, Idaho, March 11, 2024.
- Patterson, R.K. Bonneville County horticulture symposium: what grows best here? Idaho Falls, Idaho, March 9, 2024.
- Patterson, R.K. and R. Findlay. Plant Talk episode 24-2, Zoom presentation, February 27, 2024.
- Patterson, R.K. Idaho Master Gardener program: pruning fruits trees and shrubs workshop, Idaho Falls, Idaho, February 24, 2024.
- Patterson, R.K. Idaho Master Gardener program: the role of auxins, Zoom presentation, February 21, 2024.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 24-1, Zoom presentation, February 13, 2024.

**TEACHING ACCOMPLISHMENTS: Materials Developed: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Idaho home garden tips: gourd art. Idaho Falls, Idaho, October 24, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-15, Zoom presentation, October 10, 2023.
- Patterson, R.K. and D. Gunn. Plant Talk episode 23-14, Zoom presentation, September 26, 2023.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 23-13, Zoom presentation, September 12, 2023.
- Patterson, R.K. Small farms and horticulture PET in-service meeting: online master gardener program development, September 12, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-12, Zoom presentation, August 22, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-11, Zoom presentation, July 25, 2023.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 23-10, Zoom presentation, July 11, 2023.
- Patterson, R.K. Idaho home garden tips: succession planting, Zoom presentation, July 11, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-9, Zoom presentation, June 27, 2023.
- Patterson, R.K. Idaho Master Gardener convention: root washing trees before planting, Rexburg, Idaho, 2 sessions, June 23, 2023.
- Native plants at summer camp, Alpine Wyoming, June 13, 2023.
- Garfield 2<sup>nd</sup> Ward Relief Society: gardening tips for eastern Idaho, Rigby, Idaho, May 25, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-8, Zoom presentation, May 23, 2023.
- Patterson, R.K. Idaho home garden tips: thinning fruit, Zoom presentation, May 23, 2023.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 23-7, Zoom presentation, May 9, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-6, Zoom presentation, April 25, 2023.
- Patterson, R.K. High altitude victory garden: garden issues/crop rotation, April 19, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-4, Zoom presentation, March 28, 2023.
- Patterson, R.K. Idaho home garden tips: garden site preparation, Zoom presentation, March 28, 2023.
- Patterson, R.K. College of Eastern Idaho club: grafting workshop, Idaho Falls, Idaho, March 27, 2023.
- Patterson, R.K. Idaho Master Gardener program: grafting workshop, Idaho Falls, Idaho, March 25, 2023.
- Patterson, R.K. Idaho Master Gardener program: small fruit and tree fruit production, Zoom presentation, March 22, 2023.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 23-3, Zoom presentation, March 14, 2023.
- Patterson, R.K. Idaho home garden tips: garden site selection, Zoom presentation, March 14, 2023.
- Patterson, R.K. Bonneville County horticulture symposium: vegetable gardening in east Idaho, Idaho Falls, Idaho, March 11, 2023.
- Patterson, R.K. Bonneville County horticulture symposium: health benefits of gardening, Idaho Falls, Idaho, March 11, 2023.
- Patterson, R.K. Idaho Master Gardener program: season extension, Zoom presentation, March 1, 2023.
- Patterson, R.K. and R. Findlay. Plant Talk episode 23-2, Zoom presentation, February 28, 2023.
- Patterson, R.K. Idaho Master Gardener program (Latah County): vegetable gardening, Zoom presentation, February 23, 2023.
- Patterson, R.K. Idaho Master Gardener program: irrigation, Zoom presentation, February 22, 2023.
- Patterson, R.K. Idaho Master Gardener program: pruning fruits trees and shrubs workshop, Idaho Falls, Idaho, February 18, 2023.
- Patterson, R.K. and J. Gibbons. Plant Talk episode 23-1, Zoom presentation, February 14, 2023.
- Patterson, R.K. NACAA 365 (National Association of County Agricultural Agents): communications awards training, Zoom presentation, February 8, 2023.
- Patterson, R.K. Idaho Master Gardener program: pruning ornamental trees and shrubs, Idaho Falls, Idaho, January 28, 2023.
- Patterson, R.K. Idaho Master Gardener program: plant physiology, Zoom presentation, January 18, 2023.
- Patterson, R.K. Woody plant control, Idaho Nursery Landscape Association Conference, Boise, Idaho, January 18, 2023.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. and R. Findlay. Plant Talk episode 22-8, Zoom presentation, October 25, 2022.
- Patterson, R.K. and T. Jacobsen. Plant Talk episode 22-7, Zoom presentation, September 27, 2022.
- Patterson, R.K. Idaho home garden tips: fall lawn care, Zoom presentation, September 27, 2022.
- Patterson, R.K. Idaho home garden tips: tender summer bulbs, Zoom presentation, September 13, 2022.
- Patterson, R.K. Idaho Master Gardener program: bud grafting workshop, Idaho Falls, Idaho, August 24, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-6, Zoom presentation, August 23, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-5, Zoom presentation, July 26, 2022.
- Patterson, R.K. Idaho home garden tips: harvesting vegetables, Zoom presentation, July 26, 2022.
- Patterson, R.K. Idaho home garden tips: irrigation, Zoom presentation, June 28, 2022.
- Patterson, R.K. Idaho Master Gardener convention: how to air layer for instant large plants, Twin Falls, Idaho, three sessions, June 25, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-4, Zoom presentation, May 24, 2022.
- Patterson, R.K. Idaho Master Gardener program: houseplants, Idaho Falls, Idaho, January 29, 2022.
- Patterson, R.K. Idaho home garden tips: fire blight, Zoom presentation, May 10, 2022.
- Patterson, R.K. Spring gardening topics—staring plants indoors/hardening off transplants/plant protection, Rigby, Idaho, April 27, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-3, Zoom presentation, April 26, 2022.
- Patterson, R.K. Idaho home garden tips: spring lawn care, Zoom presentation, April 26, 2022.
- Patterson, R.K. Pruning workshop, Salmon, Idaho, April 21, 2022.
- Patterson, R.K. Lawn establishment/four season weed control, Fort Hall, Idaho, April 18, 2022.
- Patterson, R.K. Idaho Master Gardener program: grafting workshop, Idaho Falls, Idaho, April 9, 2022.
- Patterson, R.K. High tunnel construction, Fort Hall, Idaho, April 8, 2022.
- Patterson, R.K. Idaho Advanced Master Gardener program: soils, soil tests and soil health, Zoom presentation, April 5, 2022.
- Patterson, R.K. Idaho Advanced Master Gardener program: season extension, Zoom presentation, March 29, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-2, Zoom presentation, March 22, 2022.
- Patterson, R.K. Idaho Master Gardener program: air layering workshop, Idaho Falls, Idaho, March 18, 2022.
- Patterson, R.K. Idaho Master Gardener program: tree fruits, Zoom presentation, March 16, 2022.
- Patterson, R.K. Bonneville County horticulture symposium: insects, good and bad, and plant communication with insects, Zoom presentation, March 12, 2022.
- Patterson, R.K. Bonneville County horticulture symposium: watering practices for a windy environment, Zoom presentation, March 12, 2022.
- Patterson, R.K. Idaho Master Gardener program: season extension, Zoom presentation, March 2, 2022.
- Patterson, R.K. and R. Findlay. Plant Talk episode 22-1, Zoom presentation, February 22, 2022.
- Patterson, R.K. Idaho home garden tips: starting seeds indoors, Zoom presentation, February 22, 2022.
- Patterson, R.K. Idaho Master Gardener program: pruning fruits trees and shrubs workshop, Idaho Falls, Idaho, February 19, 2022.
- Patterson, R.K. Idaho Master Gardener program: irrigation, Zoom presentation, February 9, 2022.
- Patterson, R.K. NACAA 365 (National Association of County Agricultural Agents): communications awards training, Zoom presentation, February 9, 2022.
- Patterson, R.K. Idaho Master Gardener program: pruning ornamental trees and shrubs, Idaho Falls, Idaho, January 29, 2022.
- Patterson, R.K. Idaho Master Gardener program: plant propagation, Zoom presentation, January 19, 2022.
- Patterson, R.K. Idaho Master Gardener program: plant physiology, Zoom presentation, January 19, 2022.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Idaho Master Gardener program: plant anatomy, Zoom presentation, January 19, 2022.
- Patterson, R.K. Identifying and encouraging beneficial insects, Idaho Nursery Landscape Association Conference, Boise, Idaho, January 19, 2022.
- Patterson, R.K. Idaho home garden tips: houseplants, Zoom presentation, November 9, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-6, Zoom presentation, October 26, 2021.
- Patterson, R.K. Idaho home garden tips: winterizing your tools & equipment, Zoom presentation, October 26, 2021.
- Patterson, R.K. Idaho home garden tips: winterizing your landscape, Zoom presentation, October 12, 2021.
- Patterson, R.K. Idaho home garden tips: fall weed control, Zoom presentation, September 14, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-5, Zoom presentation, August 24, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-4, Zoom presentation, July 27, 2021.
- Patterson, R.K. Idaho home garden tips: harvesting and storing vegetables, Zoom presentation, July 27, 2021.
- Patterson, R.K. Idaho home garden tips: waterwise landscaping, making the transition, Zoom presentation, July 13, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-3, Zoom presentation, June 22, 2021.
- Patterson, R.K. Idaho home garden tips: new invasive species, Zoom presentation, June 22, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-2, Zoom presentation, May 25, 2021.
- Patterson, R.K. Idaho home garden tips: gardening in small spaces, Zoom presentation, May 25, 2021.
- Patterson, R.K. and R. Findlay. Plant Talk episode 21-1, Zoom presentation, April 27, 2021.
- Patterson, R.K. Idaho home garden tips: trees to avoid, Zoom presentation, April 27, 2021.
- Patterson, R.K. Victory Garden: integrated pest management, Zoom presentation, April 23, 2021.
- Patterson, R.K. Idaho home garden tips: edible landscape, Zoom presentation, April 13, 2021.
- Patterson, R.K. Idaho Master Gardener program: small farm marketing, Zoom presentation, March 31, 2021.
- Patterson, R.K. Idaho Master Gardener program: grafting workshop, Idaho Falls, Idaho, March 27, 2021.
- Patterson, R.K. Idaho home garden tips: succession planting, Zoom presentation, April 12, 2022.
- Patterson, R.K. Idaho Master Gardener program; common diseases on eastern Idaho, Zoom presentation, March 24, 2021.
- Patterson, R.K. Idaho home garden tips: spring lawn care, Zoom presentation, March 23, 2021.
- Patterson, R.K. Bonneville County horticulture symposium: beneficial insects and noxious weeds, Zoom presentation, March 20, 2021.
- Patterson, R.K. Bonneville County horticulture symposium: eastern Idaho growing conditions, Zoom presentation, March 20, 2021.
- Patterson, R.K. Idaho Master Gardener program: tree & small fruit culture and management, Zoom presentation, March 17, 2021.
- Patterson, R.K. Idaho Advanced Master Gardener program: succession gardening, Zoom presentation, March 16, 2021.
- Patterson, R.K. French hotbed installation workshop, Idaho Falls, Idaho, March 13, 2021.
- Patterson, R.K. Idaho Master Gardener program: ornamental trees and shrubs pruning workshop, Idaho Falls, Idaho, March 13, 2021.
- Patterson, R.K. Idaho Master Gardener program: consider beneficial insects, Zoom presentation, February 24, 2021.
- Patterson, R.K. NACAA 365 (National Association of County Agricultural Agents): communications awards training, Zoom presentation, February 24, 2021.
- Patterson, R.K. Idaho Master Gardener program: fruit pruning workshop, Idaho Falls, Idaho, February 20, 2021.
- Patterson, R.K. Idaho Falls Community Garden Association: soils and irrigation, Zoom presentation, February 13, 2021.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Idaho Master Gardener program—Kootenai County: weed management, Zoom presentation, February 11, 2021.
- Patterson, R.K. Idaho Master Gardener program: season extension, Zoom presentation, February 10, 2021.
- Patterson, R.K. Idaho home garden tips: starting seeds, Zoom presentation, February 9, 2021.
- Patterson, R.K. Idaho Master Gardener program—Kootenai County: beneficial insects, Zoom presentation, February 4, 2021.
- Patterson, R.K. Idaho Advanced Master Gardener program: beneficial insects, Zoom presentation, February 2, 2021.
- Patterson, R.K. Idaho Master Gardener program: plant anatomy and physiology, Zoom presentation, January 20, 2021.
- Patterson, R.K. Idaho home garden tips: season extension, Zoom presentation, November 11, 2020.
- Patterson, R.K. Idaho home garden tips: fall lawn care, prep for spring, Zoom presentation, October 28, 2020.
- Patterson, R.K. Idaho home garden tips: Spring bulbs and garlic, Zoom presentation, October 14, 2020.
- Patterson, R.K. Idaho home garden tips: Bonneville County demonstration garden, Zoom presentation, September 23, 2020.
- Patterson, R.K. Idaho home garden tips: fall weed control, Zoom presentation, September 9, 2020.
- Patterson, R.K. Water check technician training, Idaho Falls, Idaho, June 23, 2020.
- Patterson, R.K. Horticulture roundtable: spring lawn care, Zoom presentation, May 27, 2020.
- Patterson, R.K. Utah Master Gardener program: season extension and high tunnels, Zoom presentation, five sessions, April 21 – 23, 2020. *Invited Presentations.*
- Patterson, R.K. Idaho Master Gardener program: weeds, Zoom presentation, two sessions, March 25 & 31, 2020.
- Patterson, R.K. Idaho Master Gardener program: houseplants, Zoom presentation, two sessions, March 24 & April 30, 2020.
- Patterson, R.K. Bonneville County horticulture symposium: four season weed control, Zoom presentation, March 21, 2020.
- Patterson, R.K. Idaho Master Gardener program: fruit pruning workshop, Idaho Falls, Idaho, March 14, 2020.
- Patterson, R.K. Idaho Master Gardener program: fruit culture, hybrid Zoom presentation, two sessions, March 3 & 4, 2020.
- Patterson, R.K. Idaho Master Gardener program: pruning ornamental trees and shrubs workshop, Idaho Falls, Idaho, February 29, 2020.
- Patterson, R.K. Idaho Master Gardener program: pruning trees and shrubs., hybrid Zoom presentation, two sessions, February 25 & 26, 2020.
- Patterson, R.K. Idaho Advanced Master Gardener program: beneficial insects, Idaho Falls, Idaho, February 19, 2020.
- Patterson, R.K. National Association of County Agricultural Agents state communications awards chair training, Zoom presentation, January 17, 2020.
- Patterson, R.K. Horticulture roundtable: drip irrigation design and operation, Idaho Falls, Idaho, November 7, 2019.
- Patterson, R.K. Lawn irrigation and tree selection. Ammon, Idaho, September 25, 2019.
- Patterson, R.K. High tunnel management, Natural Resources Conservation Service, Arco, Idaho, August 23, 2019. *Invited Presentation.*
- Patterson, R.K. Idaho Master Gardener convention: how to air layer for instant large plants, Rexburg, Idaho, three sessions, June 28, 2019.
- Patterson, R.K. Water check technician training, Idaho Falls, Idaho, four sessions, May 1, 4, 10 & June 12, 2019.
- Patterson, R.K. Proper lawn irrigation, Ammon, Idaho, May 12, 2019,
- Patterson, R.K. Spring check of irrigation system, Ammon, Idaho, May 8, 2019.
- Patterson, R.K. Victory Garden: pest management, diagnosis, Driggs, Idaho, May 7, 2019.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Idaho Advanced Master Gardener program: growing and storing roots crops, April 17, 2019.
- Patterson, R.K. Tree selection and planting. Idaho Falls, Idaho, April 15, 2019.
- Patterson, R.K. Idaho Master Gardener program: season extension and greenhouse construction, Pocatello and Idaho Falls, Idaho, April 10 & 11, 2019.
- Patterson, R.K. Idaho Master Gardener program: fruit trees and small fruit production, Idaho Falls, Idaho, March 28, 2019.
- Patterson, R.K. Permaculture, Idaho Falls, Idaho, March 22, 2019.
- Patterson, R.K. Idaho Master Gardener program: pruning trees and shrubs, Blackfoot, Pocatello, and Idaho Falls, Idaho, three sessions, March 18, 19 & 21, 2019.
- Patterson, R.K. Bonneville County horticulture symposium: caneberries, Idaho Falls, Idaho, March 16, 2019.
- Patterson, R.K. Season extension, Montpelier and Soda Springs, Idaho, two sessions, March 14, 2019.
- Patterson, R.K. Idaho Advanced Master Gardener program: landscape design, Idaho Falls, Idaho, March 6, 2019.
- Patterson R.K. Utah Master Gardener program: weeds and integrated pest management, West Jordan and Ogden, Utah, three sessions, March 5 – 6, 2019. *Invited Presentations.*
- Patterson, R.K. Idaho Advanced Master Gardener program: fruit tree pruning, Idaho Falls, Idaho, March 2, 2019.
- Patterson, R.K. Idaho Master Gardener program: weeds & pesticides, Idaho Falls, Idaho, February 28, 2019.
- Patterson, R.K. High tunnel management, Natural Resources Conservation Service, Arco, Idaho, February 22, 2019. *Invited Presentation.*
- Patterson, R.K. Idaho Master Gardener program: landscape design, Blackfoot and Idaho Falls, Idaho, February 18, & 21, 2019.
- Patterson, R.K. Idaho Falls Community Garden Association: conservation irrigation, Idaho Falls, Idaho, February 16, 2019.
- Patterson, R.K. Idaho Master Gardener program: botany & houseplants., Blackfoot, Pocatello and Idaho Falls, Idaho, three sessions, January 21, 23, & 24, 2019.
- Patterson, R.K. Preparedness Conference: season extension, Salt Lake City, Utah, two sessions, September 29, 2018.
- Patterson, R.K. High tunnel management, Payson, Utah, June 21, 2018. *Invited Presentation.*
- Patterson, R.K. Weed education, Ogden, Utah, September 1, 2018.
- Patterson, R.K. Bee safety, Antelope Island, Utah, August 18, 2018.
- Patterson, R.K. Urban homestead expo: weed management, West Jordan, Utah, April 21, 2018.
- Patterson, R.K. Urban homestead expo: conservation Irrigation, West Jordan, Utah, April 21, 2018.
- Patterson, R.K. Utah Master Gardener program: season extension, Tooele, Ogden, Kaysville, and Lehi, Utah, four sessions, April 3 – 5, 2018.
- Patterson, R.K. Urban homestead expo: drip irrigation, Jordan Valley, Utah, April 22, 2017.
- Patterson, R.K. Carbon/Emery Master Gardener program: vegetable production, Zoom presentation, March 1, 2018.
- Patterson, R.K. Carbon/Emery Master Gardener program: soils and fertility, Price, Utah, February 16, 2017.
- Patterson, R.K. Carbon/Emery Master Gardener program: houseplants, Castle Dale, Utah, March 24, 2016.
- Patterson, R.K. Carbon/Emery Master Gardener program: trees & shrubs for Castle Country, Castle Dale, Utah, March 10, 2016.
- Patterson, R.K. Carbon/Emery Master Gardener program: pruning fruit trees & shrubs, Castle Dale, Utah, March 5, 2016.

**Agriculture/Natural Resources:**

- Patterson, R.K., B. Wilder, P. Hatzenbuehler, C. Field and B. Brackenbury. Practical Farm & Ranch Financial Records, Zoom classes, 4 classes—October 6, 13, 20, 27, 2025.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)**

- Wilder, B., R.K. Patterson, P. Hatzenbuehler, C. Field and B. Brackenbury. Farm financial analysis, Zoom classes, 2 classes—October 8, 29, 2025.
- Patterson, R.K. Russian olive control, Mud Lake, Idaho, March 14, 2025.
- Patterson, R.K. Pesticide applicator training: sprayer calibration, Zoom presentation, March 4, 2025.
- Patterson, R.K., B. Wilder, P. Hatzenbuehler, C. Field and B. Brackenbury. Practical Farm & Ranch Financial Records, Zoom classes, 4 classes—March 3, 10, 17, 24, 2025.
- Patterson, R.K. Idaho Water Users pesticide applicator training: weed identification, Rupert, Twin Falls, and Caldwell, Idaho, 3 sessions, February 25 – 27, 2025.
- Patterson, R.K. Ditch rider training: woody plant control, Idaho Falls, Twin Falls, and Caldwell, Idaho, 3 sessions, February 11 – 13, 2025.
- Wilder, B., R.K. Patterson, P. Hatzenbuehler, C. Field and B. Brackenbury. Farm financial analysis, Zoom classes, 3 classes (2-4)—November 6, 13, 20, 2025.
- Patterson, R.K., B. Wilder, P. Hatzenbuehler, C. Field and B. Brackenbury. Practical Farm & Ranch Financial Records, Zoom classes, 3 classes (2-4)—November 5, 12, 19, 2024.
- Wilder, B., R.K. Patterson, P. Hatzenbuehler, C. Field and B. Brackenbury. Farm financial analysis, Zoom classes, 1<sup>st</sup> of 4 classes—October 30, 2024.
- Patterson, R.K., B. Wilder, P. Hatzenbuehler, C. Field and B. Brackenbury. Practical Farm & Ranch Financial Records, Zoom classes, 1<sup>st</sup> of 4 classes—October 29, 2024.
- Patterson, R.K. Bonneville County rangeland workshop: vertebrate pest control, Winther Ranch, June 6, 2024.
- Patterson, R.K. Pesticide applicator training: sprayer calibration, Zoom presentation, March 13, 2024.
- Patterson, R.K. Idaho Water Users pesticide applicator training: weed identification, Rupert, Twin Falls, and Caldwell, Idaho, 3 sessions, February 27 – 29, 2024.
- Patterson, R.K., B. Wilder and P. Hatzenbuehler. Farm financial analysis, Zoom classes, 4 classes—November 29, December 6, 13, 20, 2023.
- Patterson, R.K., B. Wilder. QuickBooks for farming and ranching, Zoom classes, 4 classes—November 28, December 5, 12, 19, 2023.
- Patterson, R.K. Russian olive control. Lewisville, Idaho, March 27, 2023.
- Wilder, B., P. Hatzenbuehler, and **R.K. Patterson**. Farm financial analysis: how to use these tools to become better farm managers, Zoom presentation, March 20, 2023.
- Patterson, R.K. and B. Wilder QuickBooks for farming and ranching, Zoom classes, 4 classes—March 16 – April 6, 2023.
- Wilder, B., P. Hatzenbuehler, and **R.K. Patterson**. Farm financial analysis: discussion of spreadsheet, Zoom presentation, March 13, 2023.
- Patterson, R.K. Pesticide applicator training: identification and preservation of beneficial insects/spiders, Zoom presentation, March 8, 2023.
- Wilder, B., P. Hatzenbuehler, and **R.K. Patterson**. Farm financial analysis: balance sheets and cash vs accrual, Zoom presentation, March 6, 2023.
- Wilder, B., P. Hatzenbuehler, and **R.K. Patterson**. Farm financial analysis: spreadsheet introduction, Zoom presentation, February 27, 2023.
- Patterson, R.K. Idaho Water Users pesticide applicator training: aquatic weed identification, Idaho Falls, Twin Falls, and Nampa, Idaho, 3 sessions, February 14 – 16, 2023.
- Patterson, R.K. Farm succession and estate planning: your professional team, January 31, 2023.
- Patterson, R.K. Farm succession and estate planning: financial records for farm succession, January 3, 2023.
- Patterson, R.K. QuickBooks for farming and ranching, Zoom classes, 4 classes—November 22, 29, December 13, 20, 2022.
- Wilder, B. and **R.K. Patterson**. Financial records needed for farm succession planning—train the trainer, Twin Falls, Idaho, November 7-8, 2022.
- Patterson, R.K., D. Reed-Oleson. Russian olive control field day, Blackfoot, Idaho, November 5, 2022.
- Patterson, R.K. NRCS urban ag field day, Idaho Falls and Rigby, Idaho, September 14, 2022.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)**

- Callister, D. and **R.K. Patterson**. Forage field day: scouting for insects, Aberdeen and Rexburg, Idaho, 2 presentations, May 19, 20, 2022.
- Patterson, R.K. QuickBooks for farming and ranching: accrual adjustments in Excel, Zoom presentation, April 7, 2022.
- Patterson, R.K. QuickBooks for farming and ranching: setting up balance sheet accounts in QuickBooks, Zoom presentation, March 24, 2022.
- Patterson, R.K. QuickBooks for farming and ranching: balance sheet basics, Zoom presentation, March 17, 2022.
- Patterson, R.K. Pesticide applicator training: woody plant control options, Zoom presentation, March 10, 2022.
- Patterson, R.K. Idaho Water Users pesticide applicator training: woody plant control, Rupert, Jerome, and Caldwell, Idaho, three sessions, February 22 – 24, 2022.
- Patterson, R.K. Pasture management: herbicide residual repercussions, Montpelier, Idaho, February 16, 2022.
- Patterson, R.K. Farm business management: break even prices and marketing plans, Zoom presentation, February 8, 2022.
- Patterson, R.K. Idaho Water Users weed identification, Idaho Falls, Idaho, February 8, 2022.
- Patterson, R.K. Farm business management: enterprise budgets in Excel, Zoom presentation, February 1, 2022.
- Patterson, R.K. Farm business management: income statements and financial analysis, Zoom presentation, January 25, 2022.
- Patterson, R.K. Farm business management: record keeping systems, Zoom presentation, January 11, 2022.
- Reed-Oleson, D., and **R.K. Patterson**. Russian olive control field day, Blackfoot, Idaho, June 24, 2021.
- Patterson, R.K. Farm business management: sweet 16, Zoom presentation, February 25, 2021.
- Patterson, R.K. Farm business management: break even and marketing plans, Zoom presentation, February 18, 2021.
- Patterson, R.K. Pasture management: weed control, Zoom presentation, February 16, 2021.
- Patterson, R.K. Idaho Water Users pesticide applicator training: beneficial insects, Zoom presentation, February 10, 2021.
- Patterson, R.K. Farm business management: income statements, Zoom presentation, February 4, 2021.
- Patterson, R.K. Farm business management: balance sheet ratios, Zoom presentation, January 28, 2021.
- Patterson, R.K. Farm business management: record keeping systems, Zoom presentation, January 21, 2021.
- Patterson, R.K. Pesticide applicator training: consider beneficial arthropods in your scouting and insecticide application, Zoom presentation, December 2, 2020.
- Patterson, R.K. Ag talk Tuesday: consider beneficial insects in your spray program, Zoom presentation, May 5, 2020.
- Patterson, R.K. Forage school: consider beneficial insects in your spray program, Mud Lake, Blackfoot, Preston, and Soda Springs, Idaho, four sessions, March 10 & 11, 2020.
- Patterson, R.K. Idaho Water Users pesticide applicator training: woody plant control, Rupert, Jerome, and Caldwell, Idaho, three sessions, February 25 – 27, 2020.
- Patterson, R.K. Russian olive control, Blackfoot, Idaho, February 14, 2020.
- Eborn, B. and **R.K. Patterson**. Farm business management: income statements, Idaho Falls, Idaho, January 29, 2020.
- Patterson, R.K. Control Russian olive & Siberian elm, Salmon, Idaho, January 21, 2020.
- Patterson, R.K. Woody plant control, Malad, Preston, Montpelier, Soda Springs, American Falls, and Blackfoot, Idaho, six sessions, December 4 – 6, 2019.
- Patterson, R.K. Pasture management, Idaho Falls, Idaho, March 20, 2019.
- Patterson, R.K. Farm business management: break-even, Rexburg, Idaho, February 14, 2019.
- Patterson, R.K. Bonneville County weed department pesticide applicator training: read the label, Idaho Falls, Idaho, December 26, 2018.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)**

- Patterson, R.K. Read the label, Ogden, Utah, November 13, 2018.
- Patterson, R.K. Season extension/high tunnels, Oxbow Jail, West Jordan, Utah, November 8, 2018.
- Patterson, R.K., D.R. Worwood, C.V. Ransom and S.J. Price. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth, Midway, Utah, November 2, 2018.
- Patterson, R.K. and D. Frame. Responsible chicken ownership workshop: poultry nutrition, Thanksgiving Point, Lehi, Utah, October 19, 2018.
- Patterson, R.K. Responsible chicken ownership workshop: poultry nutrition, Morgan, Utah, April 10, 2018.
- Patterson, R.K. Beginning beekeeper workshop: bee law, Morgan, Utah, April 7, 2018.
- Patterson, R.K. Beginning beekeeper workshop: bee scheduling and safety, Morgan, Utah, April 7, 2018.
- Patterson, R.K. Beginning beekeeper workshop: beekeeping tools, equipment and location, Morgan, Utah, April 7, 2018.
- Patterson, R.K. Beginning beekeeper workshop: bee law, Ogden, Utah, March 31, 2018.
- Patterson, R.K. Beginning beekeeper workshop: bee scheduling and safety, Ogden, Utah, March 31, 2018.
- Patterson, R.K. Beginning beekeeper workshop: beekeeping tools, equipment and location, Ogden, Utah, March 31, 2018.
- Patterson, R.K. and D. Frame. Responsible chicken ownership program, West Jordan, Utah, February 23, 2018.
- Patterson, R.K. Managing weeds, West Jordan, Utah, February 23, 2018.
- Patterson, R.K. Responsible chicken ownership workshop: poultry nutrition, Ogden, Utah, February 20, 2018.
- Patterson, R.K. Russian olive control options, Ogden, Utah, November 14, 2017.
- Patterson, R.K. and D. Frame. Responsible chicken ownership workshop: poultry nutrition, Ogden, Utah, October 17, 2017.
- Worwood, D.R. and **R.K. Patterson**. Skyline CWMA weed tour: Russian olive research review, Ferron, Utah, September 5, 2017.
- Patterson, R.K. Identifying beneficial insects, Ogden, Utah, July 27, 2017.
- Patterson, R.K. Pasture management: weeds toxic to horses, Ogden, Utah, May 17, 2017.
- Patterson, R.K. Urban homestead expo: drip irrigation, West Jordan, Utah, April 22, 2017.
- Ramirez, R. and **R.K. Patterson**. Utah hay & forage symposium: identifying beneficial insects in alfalfa., St George, Utah, January 26 – 27, 2017.
- Patterson, R.K. Boom sprayer maintenance and calibration, Ogden, Utah, November 16, 2016.
- Patterson, R.K. Pesticide labels, Castle Dale, Utah, November 9, 2016.
- Patterson, R.K. Boom sprayer calibration, Lehi, Utah, September 22, 2016.
- Patterson, R.K. Soil health/cover crops, West Jordan, Utah, February 17, 2016.
- Patterson, R.K. Russian olive research results, Orem, Utah, December 2, 2015.
- Patterson, R.K. Boom sprayer calibration, Roosevelt, Spanish Fork and Price, Utah, three sessions, November 5, 9 & 10, 2015.

**4-H Youth Development:**

- Patterson, R.K. Native plants of Alpine Camp hike, Alpine, Wyoming, June 17, 2025.
- Patterson, R.K., and R. Findlay. Native plants at summer camp, Alpine Wyoming, June 18, 2024.
- Patterson, R.K. Native plants of Alpine Camp hike, Alpine, Wyoming, June 13, 2023.
- Patterson, R.K. School District 93: Careers on wheels, Idaho Falls, Idaho, September 16, 2022.
- Patterson, R.K. Photography hike, Alpine, Wyoming, June 14, 2022.
- Patterson, R.K. Plants for birds, Alpine, Wyoming, June 14 – 16, 2021.
- Patterson, R.K. Insects & bugs: good and bad, Idaho Falls, Idaho, March 23, 2021.
- Patterson, R.K., M. Hamilton, and G. Silkwood. Refreshing 4-H: script and storyboard development, Zoom presentation, January 6, 2021.
- Patterson, R.K. New Sweden 4-H club: new fair protocols, Idaho Falls, Idaho, June 8, 2020.
- Patterson, R.K. Native plants, Alpine, Wyoming, four sessions, June 17, 2019.

**TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: 4-H Youth Development: (continued)**

- Patterson, R.K. and K. Berg. Crops around the world, Alpine, Wyoming, four sessions, June 17, 2019.
- Patterson, R.K. Nutrition for your livestock project, Idaho Falls, Idaho, February 25, 2019.
- Patterson, R.K. Weber County farm field days: beekeeping., Ogden, Utah, eleven sessions, October 4 – 5, 2018.
- Patterson, R.K. Gibson farm field day: grain production, Taylor, Utah, fifteen sessions, April 12, 2018.
- Patterson, R.K., M. Peterson, and B. Christensen. Weber County water fair: water uses, Ogden, Utah, April 11, 2018.
- Patterson, R.K. Weber County farm field days: soils, Ogden, Utah, ten sessions, October 12 – 13, 2017.
- Patterson, R.K. Swine showmanship, Morgan, Utah, June 3, 2017.
- Patterson, R.K. Morgan baby animal event, Morgan, Utah, May 19 – 20, 2017.
- Patterson, R.K. Local gardening, Willard, Utah, May 9, 2017.
- Patterson, R.K. Gibson farm field day: cereal grain production., Ogden, Utah, April 13, 2017.
- Patterson, R.K. Boondoggles, Price, Utah, October 26, 2016.
- Patterson, R.K. and L.M. Patterson, Castle County history, Price, Utah, August 4, 2016.
- Patterson, R.K. Embryology, Castle Heights, Sally Mauro, Bruin Point, Pinnacle Canyon Academy, and Wellington Elementary Schools, Carbon County, Utah, five sessions, April 2016 – May 2016.
- Patterson, R.K. Goat nutrition, Price, Utah, April 30, 2016.
- Patterson, R.K. Utah 4-H leadermete: nutrition for livestock, Richfield, Utah, April 8, 2016.
- Patterson, R.K. Carbon County Farm Bureau field day: beekeeping, Price, Utah, ten sessions, March 30, 2016.

**Extension Media Production:**

- Patterson, R.K. Benefits of online Extension courses, Rigby, Idaho, May 31, 2023.
- Thomas, J. and **R.K. Patterson**. Video script development, Zoom presentation, November 10, 2020.
- Thomas, J., J. Ekins, C. Schnepf, and **R.K. Patterson**, Video boot camp, Caldwell, Idaho, March 18 – 19, 2020.

**Community Development:**

- Patterson, R.K. Integrated pest management in city plantings, Vernal, Utah, April 6, 2016.

**SCHOLARSHIP ACCOMPLISHMENTS:**

Description of personal contributions

\* Corresponding author

1. Developed project idea
2. Obtained or provided project funding/resources
3. Collected data
4. Analyzed data
5. Contributed significantly to writing
6. Contributed significantly to editing

**Publications, Exhibitions, Performances, Recitals:**

**Refereed:**

**Journals:**

- Patterson, R.K., S.J. Price & C.V Ransom. December 2020. Improving Russian olive control by using basal bark treatments combined with mechanical removal. Journal of the NACAA, Vol. 13 Issue 2. <https://www.nacaa.com/journal/index.php?jid=1156> (1, 2, 3, 4, 5)

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Refereed:****Journals: (continued)**

Patterson, R.K., D.R. Worwood & S.J. Price. June 2018. Year-round control of Russian olive using the cut-stump treatment. Journal of the NACAA, Vol. 11 Issue 1.  
<https://www.nacaa.com/journal/index.php?jid=841> (1, 3, 4, 5)

**Extension Publications:**

Gunn, D. & **R.K. Patterson**. 2022. Curlycup gumweed. University of Idaho Extension. BUL 1016.  
<https://www.uidaho.edu/extension/publications/bul/bul1016>. (1, 5, 6)

Hatch J.L., B. Henderson & **R.K. Patterson**. 2022. Black medic. University of Idaho Extension. BUL 1015. <https://www.uidaho.edu/extension/publications/bul/bul1015>. (1, 5, 6)

Gunn, D. & **R.K. Patterson**. November 2021. Russian olive trees: control and management in the Pacific Northwest. University of Idaho Extension. PNW 755.  
<https://www.uidaho.edu/extension/publications/pnw/pnw755>. (5, 6)

Hatch, J.L., B. Henderson & **R.K. Patterson**. 2021. Broadleaf plantain. University of Idaho Extension. BUL 1007. <https://www.extension.uidaho.edu/publishing/html/BUL1007-Broadleaf-Plantain.aspx?title=Gardens%20and%20Landscapes&category1=Gardening&category2=Idaho%20Green%20Thumb%20How-To>. (1, 5, 6)

Henderson, B. & **R.K. Patterson**. 2021. Spotted spurge. University of Idaho Extension. BUL 998.  
<https://www.extension.uidaho.edu/detail.aspx?IDnum=2667> (1, 5, 6)

Patterson, R.K. 2021. Blossom-end rot in tomatoes. University of Idaho Extension. BUL 993.  
<https://www.extension.uidaho.edu/publishing/html/BUL993-Blossom-End-Rot-in-Tomatoes.aspx?title=Gardens%20and%20Landscapes&category1=Gardening&category2=Idaho%20Green%20Thumb%20How-To> (1, 3, 4, 5, 6)

Patterson, R.K. & D.R. Worwood. 2020. Different treatment options for Russian olive. University of Idaho Extension. BUL 976. <https://www.extension.uidaho.edu/publishing/html/BUL976-Different-Treatment-Options-for-Russian-Olive.aspx> (1, 3, 5)

Worwood, D.R., **R.K. Patterson** & S.J. Price. 2019. Minimizing regrowth when removing Russian olive—points to consider. Utah State University Extension. Horticulture/Trees/2019-01pr  
[https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2957&context=extension\\_curall](https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2957&context=extension_curall) (1, 3, 4, 5)

Price, S.J. & **R.K. Patterson**. 2019. Beneficial predators: Syrphid flies. Utah State University Extension. Ent-200-18PR. [https://digitalcommons.usu.edu/extension\\_curall/1950/](https://digitalcommons.usu.edu/extension_curall/1950/) (1, 6)

Patterson, R.K. & R. Ramirez. 2017. Beneficial insects: Minute pirate bug. Utah State University Extension. ENT-188-17PR.  
[https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2816&context=extension\\_curall](https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2816&context=extension_curall) (1, 5)

Patterson, R.K. & R. Ramirez. 2016. Aphid natural enemies and biological control. Utah State University Extension. ENT-180-16.  
[http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1813&context=extension\\_curall](http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1813&context=extension_curall) (1, 5)

**Professional Meeting Abstracts and Proceedings:**

Werlin, J., M. Hamilton, G. Loomis, Patterson, R. 2025. Elevating gardening expertise: a hybrid master gardener program for high-altitude regions, National Association of County Agricultural Agents AM/PIC Meeting, Billings, Montana. (1)

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Refereed: Professional Meeting Abstracts and Proceedings: (continued)**

Patterson, R.K., L. Allen, R. Findlay, B. Wilder, P. Hatzenbuehler & E. Doty. July 2025. Using technology to deliver statewide asynchronous programing. National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference. (1, 3, 4, 5, 6)

Patterson, R.K., L. Allen, R. Findlay, B. Wilder, P. Hatzenbuehler & E. Doty. September 2024. Using technology to deliver statewide asynchronous programing. Chad Reid Western Professional Improvement Conference, National Association of County Agricultural Agents. (1, 3, 4, 5, 6)

Patterson, R.K., S.J. Price & C.V Ransom. December 2020. Improving Russian olive control by using basal bark treatments combined with mechanical removal. Journal of the NACAA, 13(2). <https://www.nacaa.com/journal/index.php> (1, 2, 3, 4, 5)

Patterson, R.K., D.R. Worwood & S.J. Price. 2018. Year-round control of Russian olive using the cut-stump treatment. Journal of the NACAA, 11(1). <https://www.nacaa.com/journal/index.php> (1, 5)

**Videos/Educational Media:**

Patterson, R.K. 2020. Bull thistle: identification and control. Refereed video. University of Idaho Extension. EVS 020. <https://youtu.be/TWY0WU10SzQ>.

Patterson, R.K. 2018. How to control myrtle spurge weed. Refereed video. Utah State University Extension. <https://youtu.be/IQKXeSOtaWg>.

Patterson, R.K. 2018. How to control whitetop weed. Refereed video. Utah State University Extension. <https://youtu.be/M52Wiva86PE>.

Patterson, R.K. 2017. How to plant beans. Refereed video. Utah State University Extension. <https://youtu.be/Ndq1cVYGeGc>.

**Peer Reviewed/Evaluated:**

**Extension Publications:**

Cannon, C., M. Murray, **R.K. Patterson** and K. Wagner. 2018. Beneficial insects of Utah: Beneficial insects & other natural enemies identification guide. Utah State University Extension. <https://utahpests.usu.edu/files/pubs/Beneficial-ID-guide-web.pdf> (5)

**Abstracts and Proceedings:**

Worwood, D.R., **R.K. Patterson**, C.V. Ransom and S.J. Price. 2019. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth [poster]. National Association of County Agricultural Agents (NACAA) Annual Meeting/Professional Improvement Conference (AM/PIC), Fort Wayne, Indiana. p. 31. <https://www.nacaa.com/ampic/2019/2019%20Proceedings.pdf>. (1, 2, 3, 4, 5)

Worwood, D.R., **R.K. Patterson**, C. Ransom and S. Price. 2019. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth [presentation]. NACAA AM/PIC, For Wayne, Indiana. p. 186. <https://www.nacaa.com/ampic/2019/2019%20Proceedings.pdf>. (1, 2, 3, 4, 5)

Worwood, D.R., **R.K. Patterson**, C. Ransom and S. Price. 2019. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. RiversEdge West Riparian Restoration Conference, Phoenix, Arizona. <https://riversedgewest.org/resource-center/documents/comparison-mechanical-removal-and-basal-bark-herbicide-treatments-russian>. (1, 2, 3, 4, 5)

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Peer Reviewed/Evaluated: Abstracts and Proceedings: (continued)**

- Worwood, D.R., **R.K. Patterson**, C. Ransom and S. Price. 2018. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. NACAA Western Region Professional Improvement Conference, Cody, Wyoming. p. 13.  
<https://extension.usu.edu/employee/files/2018NACAAWRCAProceedings.pdf>. (1, 2, 3, 4, 5)
- Patterson, R.K. and D. Frame. 2018. Responsible chicken ownership program. Utah State University Extension Northern Region Faculty Training, Kaysville, Utah. (1, 3, 5)
- Patterson, R.K. and D.R. Worwood. 2018. Vegetative reproduction in Russian olive—implications for control. NACAA AM/PIC, Chattanooga, Tennessee. p. 208.  
<https://www.nacaa.com/ampic/2018/2018%20Proceedings%20lr.pdf> (1, 3, 5)
- Patterson, R.K., L.N. Allen and D.R. Worwood. 2018. Management of drip irrigation for saline soils in Utah. Utah Association of County Agricultural Agents (UACAA) Summer Professional Improvement Conference, Heber City, Utah. p. 8.  
<https://extension.usu.edu/employee/files/2018UACAAProceedings.pdf>. (1, 3, 5)
- Patterson, R.K. and D.R. Worwood. 2018. Vegetative reproduction in Russian olive—implications for control. UACAA Summer Professional Improvement Conference, Heber City, Utah. p. 10.  
<https://extension.usu.edu/employee/files/2018UACAAProceedings.pdf>. (1, 3, 5)
- Worwood, D.R. and **R.K. Patterson**. 2018. Vegetative reproduction in Russian olive – implications for control. Tamarisk Coalition 2018 Riparian Restoration Conference, Grand Junction, Colorado. p. 39. [https://riversedgewest.org/sites/default/files/files/Final\\_Program\\_2018.pdf](https://riversedgewest.org/sites/default/files/files/Final_Program_2018.pdf). (1, 3, 6)
- Patterson, R.K. and D.R. Worwood. 2018. Herbicide control options for Russian olive. Tamarisk Coalition 2018 Riparian Restoration Conference, Grand Junction, Colorado. p. 40.  
[https://riversedgewest.org/sites/default/files/files/Final\\_Program\\_2018.pdf](https://riversedgewest.org/sites/default/files/files/Final_Program_2018.pdf). (1, 3, 5)
- Worwood, D.R. and **R.K. Patterson**. 2017. Non-chemical method to minimize suckering from uprooted Russian olives. NACAA Western Region Professional Improvement Conference. p. 9.  
<http://extension.usu.edu/uacaa/ou-files/2017WRCAConferenceProceedings.pdf>. (1, 3, 5)
- Patterson, R.K. and D.R. Worwood. 2017. Comparison of herbicide treatments on Russian olive regrowth. NACAA Western Region Professional Improvement Conference, Albuquerque, New Mexico. p. 9. <http://extension.usu.edu/uacaa/ou-files/2017WRCAConferenceProceedings.pdf>. (1, 3, 4, 5)
- Patterson, R.K. and D.R. Worwood. 2016. Russian olive control education program in Utah [poster]. NACAA AM/PIC. p. 38. <https://www.nacaa.com/2016/2016%20Proceedings%20lr.pdf> (1, 3, 4, 5)

**Other:**

**University of Idaho Extension Impact Statements:**

- Jacobsen, T., J. Hatch, J. Spackman, A. Adjesiwor, J. Marshall, J. Sagers, R. Findlay, B. Henderson, J. Gibbons, **R. Patterson**, D. Callister, J. Thomas. 2025. Cereal conference advances production through research and collaboration. (1, 6)
- Hamilton, M., J. Werlin, G. Loomis, **R. Patterson**, L. Allen. 2025. Growing a high-altitude master gardener program through collaboration. (1, 6)
- Patterson, R.K.**, L. Allen, R. Findlay and E. Doty. 2024. Flexible online Idaho Master Gardener Program reaches statewide audience. (1, 3, 4, 5, 6)

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Peer Reviewed/Evaluated: Other: University of Idaho Extension Impact Statements: (continued)**

Hatch, J. L., J. Spackman, J. Marshall, J. Thomas, B. Henderson, R. Findlay, T. Jacobsen, J. Gibbons, **R. Patterson**, J. Sagers, D. Callister, A. Adjesiwor, and X. Liang. 2023. Local data for local cereal grain growers. (1, 6)

Patterson, R.K., and B. Wilder. 2023. Online QuickBooks for farming and ranching class provides flexibility. (1, 3, 4, 5)

Jacobsen, T., **R.K. Patterson**, B. Henderson, R. Findlay, J. Gibbons, K. Tate, J. Werlin, and A. West. 2023. Regional Master Gardener Convention returns to Rexburg. (1, 5, 6)

Patterson, R.K. and N. Ghimire. 2021. Pest alert newsletter targets eastern Idaho pest concerns. (1, 3, 4, 5, 6)

Werlin, J., A. West, J.R. Findlay, **R.K. Patterson**, L. Ellis, and J. Thomas. 2020. Growing the Idaho Master Gardener program using hybrid online/in-person learning. (5, 6)

Henderson, B., R. Findley, J. Hatch, **R.K. Patterson**, J. Rickman, J. Sagers, T. Sorensen, G. Loomis, and D. Callister. 2020. Pesticide recertification credits provided in person and via Zoom broadcast. (6)

**Patterson, R.K.**, A. Ruth, and L. Blanch. 2020. Bonneville County volunteers extend University of Idaho Extension services. (1, 3, 4, 5, 6)

Henderson, B., J.R. Findlay, J. Hatch, J. Sagers, **R.K. Patterson**, T. Sorensen, G. Loomis, and D. Callister. 2020. Pesticide recertification credits are provided in person and via Zoom broadcast. (6)

Hatch, J., J. Hogge, B. Henderson, J. Sagers, **R.K. Patterson**, L. Nunn and R. Findlay. 2019. Managers gain insight into creating healthy and productive grazing systems. (1)

**Thesis:**

Patterson, R.K. 1994. The Relationship Between High School Agriculture Classes and Success in Introductory Animal Science at the University of Idaho. Master of Science thesis, 36 pages. (1, 3, 4, 5)

**Scholarly Presentations and Other Creative Activities:**

**Displays and Posters:**

Worwood, D.R., **R.K. Patterson**, C. Ransom and S. Price. September 8 – 10, 2019. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. National Association of County Agricultural Agents (NACAA) Annual Meeting/Professional Improvement Conference (AM/PIC), Fort Wayne, Indiana.

Worwood, D.R. & **R.K. Patterson**. July 24 – 28, 2016. Russian olive control education in Utah. NACAA AM/PIC, Little Rock, Arkansas.

**Professional Meeting Papers, Workshops:**

**National and Regional:**

Werlin, J., M. Hamilton, G. Loomis, and **R. Patterson**. June 30, 2025. Elevating gardening expertise: a hybrid master gardener program for high-altitude regions, National Association of County Agricultural Agents AM/PIC meeting, Billings, Montana.

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Peer Reviewed/Evaluated: Scholarly Presentations and Other Creative Activities: Professional Meeting Papers, Workshops: National and Regional: (continued)**

- Patterson, R.K., L. Allen, R. Findlay, B. Wilder, P. Hatzenbuehler & E. Doty. June 30, 2025. Using technology to deliver statewide asynchronous programing. National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Billings Montana
- Hamilton, M.B., **R. Patterson**, J. Werlin, G. Loomis. October 8, 2024. Informal Adult Community Education in the Master Gardener program. American Association for Adult and Continuing Education, Virtual.
- Patterson, R.K., L. Allen, R. Findlay, B. Wilder, P. Hatzenbuehler & E. Doty. September 24, 2024. Using technology to deliver statewide asynchronous programing. Chad Reid Western Professional Improvement Conference, National Association of County Agricultural Agents, Sandpoint, Idaho.
- Worwood, D.R., **R.K. Patterson**, C.V. Ransom and S.J. Price. September 8 – 10, 2019. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. National Association of County Agricultural Agents (NACAA) Annual Meeting/Professional Improvement Conference (AM/PIC), Fort Wayne, Indiana.
- Patterson, R.K. February 7, 2019. Russian olive control roundtable. RiversEdge West Riparian Restoration Conference, Phoenix, Arizona.
- Worwood, D.R., **R.K. Patterson**, C.V. Ransom and S.J. Price. October 22 – 23, 2018. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth. NACAA Western Region Professional Improvement Conference, Cody Wyoming.
- Patterson, R.K. and D.R. Worwood. July 29 – August 2, 2018. Vegetative reproduction in Russian olive--implications for control. NACAA AM/PIC, Chattanooga, Tennessee.
- Patterson, R.K. and D.R. Worwood. February 7, 2018. Herbicide control for Russian olive. Tamarisk Coalition Riparian Restoration Conference, Grand Junction, Colorado.
- Patterson, R.K. and D.R. Worwood. October 24 – 25, 2017. Comparison of herbicide treatments on Russian olive. NACAA Western Region Professional Improvement Conference, Albuquerque, New Mexico.

**State and Local:**

- Allen, L.N., **R.K. Patterson** and D.R. Worwood. June 12, 2018. Management of drip irrigation for saline soils in Utah. Utah Association of County Agricultural Agents (UACAA) Summer Professional Improvement Conference, Heber City, Utah.
- Patterson, R.K. and D.R. Worwood. June 12, 2018, Vegetative reproduction in Russian olive—implications for control. UACAA Summer Professional Improvement Conference, Heber City, Utah.
- Frame, D. and **R.K. Patterson**. May 14, 2018. Responsible chicken ownership program. Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah.
- Patterson, R.K. May 11, 2016. Pulling the community together with a community garden. Utah State University Extension Southern Region Faculty Meeting, Nephi, Utah.
- Patterson, R.K. November 18, 2015. Science camps at the library. Utah 4-H In-Service, St George, Utah, November 18, 2015.

**SCHOLARSHIP ACCOMPLISHMENTS: (continued)****Grants and Contracts Awarded:**

Wenninger, E.J., Integrated Pest Management Extension Implementation Program for Idaho 2024-2027. 2024. Wenninger, E.J., et al., USDA-NIFA-CPPM, \$707,214 (\$600 spending authority).

Patterson, R.K., J. Lindstrom, and T. Ewers. 4-H Educational Supplements. Idaho Health and Welfare, 2021-2022, \$80,000 (\$80,000 spending authority).

Patterson, R.K. 2017 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference. Weber County Farm Bureau, 2017, \$1,100.00 (shared spending authority as committee).

Curtis, K., C. Durward, K.M. Wagner, S. Prevedel, **R.K. Patterson**, C. Schaible and V. Pozo. Enhancing direct market fresh produce sales through multi-market pricing comparisons. USDA Western Risk Management Education Center, 2017, \$49,431 (no spending authority).

Patterson, R.K. 2017 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference. Price River Watershed Conservation District, 2016, \$200.00 (Shared spending authority as committee).

Patterson, R.K. and D.R. Worwood. 2017 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference. Carbon/Emery Master Gardeners, 2016, \$200.00 (shared spending authority as committee).

Creech, J.E., G. Cardon, J.V. Barnhill, C.E. Israelsen, B.M. Kitchen, R.M. Nelson, M. Pace, **R.K. Patterson**, and C.R. Reid. Nitrogen (N) fertilizer needs of first- and second-year corn grown after alfalfa. Utah Department of Agriculture and Food, 2016, \$61,276.23 (no spending authority).

**Internal Funding Awarded:**

Patterson, R.K., A. West and J. Jensen. Statewide codling moth monitoring website access. University of Idaho Extension Innovative Project, 2025, \$1,500.00 (\$1,500.00 spending authority).

Patterson, R.K. University of Idaho Extension Summer Intern Award, 2021, \$5,000. (\$5,000.00 spending authority).

Patterson, R.K. University of Idaho Extension Summer Intern Award, 2020, \$5,000. (\$5,000.00 spending authority).

Patterson, R.K., D. Morishita, A. West, P. Hutchinson, S. Roberts, D. Callister and G. Loomis. Solarization weed control. University of Idaho Extension Innovative Project, 2019, \$3,000.00 (\$3,000.00 spending authority).

Thomas, J., J. Elkins, C. Schnepf and **R.K. Patterson**. Video boot camp. University of Idaho Extension Innovative Project, 2019, \$10,000.00 (no spending authority).

Nischwitz, C., D. Alston, M. Pace, **R.K. Patterson** and S.H. Olsen. Role of potassium fertilizer in iris yellow spot virus symptom expression. Utah State University Extension, 2017, \$28,801.00 (no spending authority).

Patterson, R.K., D.R. Worwood and C.V. Ransom. Economics and efficacy of pre- and post-treatment of mechanically removed Russian olive. Utah State University Extension, 2017, \$5,548.00 (\$5,548.00 spending authority).

**SCHOLARSHIP ACCOMPLISHMENTS: Internal Funding Awarded: (continued)**

Cannon, C., M. Murray, **R.K. Patterson**, T. Beddes, J. Gunnell, M. Pace, R.F. Heflebower, C. Schaible, S.H. Olsen and K.M. Wagner. Improving pest management outreach to vegetable growers. Utah State University Extension, 2017, \$8,224.00 (no spending authority).

Allen, L., **R.K. Patterson** and D.R. Worwood. Management of drip irrigation for saline soils in Utah. Utah State University Extension, 2016, \$15,525.00 (no spending authority).

Patterson, R.K. and E.J. Serfustini. Summer 4-H science camps. Utah State University Extension, 2016, \$10,000.00 (\$10,000.00 spending authority).

Patterson, R.K. Internship grant. Utah State University Extension, 2016, \$4,000.00 (\$4,000.00 spending authority).

**In-kind, County and Industry Support:**

Patterson, R.K. Master Gardener project funds, Idaho Master Gardeners of Bonneville County, 2025, \$7000.

Patterson, R.K. Applied research site. Bonneville County Fair Board, 2020, \$100.

Patterson, R.K. 2017 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference. Various Sponsors—Allan Sulser, Salt Lake County, Norbest LLC, USU Botanical Center, Dannon Co. Inc., Visit Salt Lake, Utah/Nevada Dairy Council, Dairy Farmers of America, and Redmond Mineral, 2017, \$18,731.08.

Patterson, R.K. Facilities and utilities for 4-H summer science camps. Carbon School District, 2016, \$2,500.

**Scholarship Honors and Awards:****National and Regional:**

Patterson, R.K., L. Allen and E. Doty. Statewide hybrid Idaho online Master Gardener program. National Association of County Agricultural Agents, Communication Award: Learning Module/Notebook, National Finalist, 2025

Gunn, D. and R.K. Patterson. Russian olive trees: control and management in the Pacific Northwest, National Association of County Agricultural Agents, Communication Award: Publication, National Finalist, 2022.

Patterson, R.K. National Association of County Agriculture Agents/Idaho Association of County Agricultural Agents, Distinguished Service Award, 2020.

Patterson, R.K., D.R. Worwood, S.J. Price, and C.V. Ransom. Comparison of mechanical removal and basal bark herbicide treatments on Russian olive regrowth, National Association of County Agricultural Agents, Applied Research Poster National Finalist, 2019.

Epsilon Sigma Phi (ESP) Distinguished Team Award—Discover 4-H Curriculum, 2017.

**State and Local:**

Sustainable Agriculture Research and Education (SARE)/NACAA Fellows Program, state winner, 2018.

Utah Association of County Agricultural Agents (UACAA) Communication Award—Video Presentation, How to plant beans, state winner, 2018.

UACAA Communication Award—Program Promotional Piece, Responsible chicken ownership, state winner, 2018.

**SCHOLARSHIP ACCOMPLISHMENTS: Scholarship Honors and Awards: State and Local: (continued)**

UACAA Communication Award—Personal Column, Weeds and pasture management, state winner, 2018.

UACAA Communication Award—Fact Sheet, Aphid natural enemies and biological control, state winner, 2017.

ESP IOTA Chapter Distinguished Team Award—Discover 4-H curriculum, state winner, 2017.

**SERVICE:****Major Committee Assignments:****University of Idaho:****University:**

Faculty Senate Dismissal Hearings Committee, Alternate Member, 2020 – present

**Plant Sciences Department:**

Tenure & Promotion Committee, 4 faculty members, 2024-25

**Extension:**

Online Idaho Master Gardener course development committee, 2023 – present

Extension advisory committee member, 2021 – present

Farm business management team member, 2019 – present

4-H youth development Priority Extension Theme, 2018 – present

Food production systems Priority Extension Theme, 2018 – present

Horticulture and small farms Priority Extension Theme, 2018 – present

CALS Peer performance review committee, 2025

UI Extension IPM of Weeds publication organization, 2023

Mentor Andy West, 2020 – 2023

Extension Listening Session—Idaho Falls, November 2022

Associate director of communications hiring committee, 2022

Igniting your spark team member, 2020 – 2022

Idaho ag outlook team member, 2020 – 2021

Refreshing 4-H team member, 2020

**District:**

Eastern District Ag/Hort Coordinating Committee, 2025

Mentor Jared Gibbons, 2022 – 2025

Mentor Tom Jacobsen, 2022 – 2025

Eastern Idaho State Fair swine show committee, 2019 – present

Pesticide applicator training organizational team, 2020 – present

Pasture management committee, 2020 – present

East Idaho cereal school committee, 2020 – present

Forage school advisory board, 2019 – present

Eastern Idaho State Fair market livestock committee, 2019 – present

Eastern Idaho State Fair market rabbit show chair, 2024 – 2025

District Tenure & Promotion Committee, 2022 – 2024

Mentor David Callister, 2020 – 2024

Eastern Idaho State Fair rabbit show co-chair, 2023

Eastern District 4-H By-Laws Committee, 2023 Mentor Justin Hatch, 2022 – 2023

Mentor Bracken Henderson, 2022 – 2023

Bonneville County 4-H Educator hiring committee, 2022

Fremont County Educator hiring committee, 2021 – 2022

Eastern Idaho State Fair rabbit show chair, 2020 – 2022

Eastern District fall professional development workshop planning committee, 2019

Third year review committee, two faculty members, 2019

**SERVICE: Major Committee Assignments: (continued)****Utah State University:****University:**

Faculty Senate—Presidential Interview Committee, 2016  
 Faculty Senate, 2011–2017

**USU Extension:**

T&P Committee, Michael Wierda, 2018  
 T&P Committee, Dallen Smith, 2018  
 Wasatch Urban Initiative Team, 2017 – 2018  
 T&P Committee, Gaelynn Peterson, 2012 – 2018  
 T&P Committee, Shannon Cromwell, 2011 – 2017  
 Diversified Agriculture Conference Committee, 2006 – 2016  
 T&P Committee, Paul Hill, 2011 – 2015  
 Utah State Fair Swine Show, 2011 – 2018

**County/Local:**

Bonneville County Extension joint advisory council, 2020 – present  
 Natural Resources Conservation Service Local Working Group, Team 14, 2019 – present  
 Bonneville County Fair Board, *ex officio* member, 2019 – present  
 Eastside Conservation District, *ex-officio* member, 2019 – present  
 Westside Conservation District, *ex-officio* member, 2019 – present  
 Bonneville County fair planning and operations, 2019 – present  
 4-H Summer Camp Planning Committee, 2019 – present  
 Bonneville County Master Gardener Advisory Board, 2019 – present  
 Bonneville County Fair open class activities committee chair, 2022  
 Bonneville County 4-H advisory committees (livestock, horse, FCS, advisory), 2021 – 2022  
 Morgan Conservation District, 2017 – 2018  
 Weber Conservation District, 2017 – 2018  
 Weber River Cooperative Weed Management Area, 2017 – 2018  
 Morgan/Summit Adaptive Resource Management Group, 2017 – 2018  
 Community Garden—Carbon County Food Bank, 2015 – 2016  
 Carbon/Emery Local Working Group Committee, 2005 – 2016  
 Price, San Rafael, Muddy Rivers Watershed Council, 2005 – 2016  
 Carbon County Weed Board, 2005 – 2016  
 Price River Watershed Conservation District, 2005 – 2016

**Professional and Scholarly Organizations:**

National Association of County Agricultural Agents, 2005 – present  
 Western Region vice-Chair, Search for Excellence Committee, 2024 – present  
 National Chair, Communications Awards Committee, 2019 – 2023  
 Western Region Vice-Chair, Communications Awards Committee, 2018 – 2019  
 Western Region Vice-Chair, Horticulture & Turfgrass Committee, 2012 – 2016  
 Idaho Association of County Agricultural Agents 2018 – present  
 Awards and Recognition Chair, 2022 – present  
 IACAA Eastern District Senior Director, 2020 – 2021  
 IACAA Eastern District Junior Director, 2019 – 2020  
 National Association of Extension 4-H Youth Development Professionals, 2005 – present  
 NAE4HYDP Annual Conference session moderator—5 sessions, 2020  
 Idaho Association of Extension 4-H Professionals, 2018 – present  
 National meeting support service, 2024  
 By-laws *ad Hoc* committee, 2022  
 National Epsilon Sigma Phi, 2008 – present  
 Epsilon Sigma Phi – Theta Chapter, 2018 – present  
 Treasurer, 2024 - present  
 Budget committee, 2023 – present  
 Epsilon Sigma Phi - Iota Chapter, 2008 – 2018

**SERVICE: Professional and Scholarly Organizations: (continued)**

Utah State Horticulture Association, 2009 – 2018  
 Utah Onion Association, 2017 – 2018  
   Secretary, 2017 – 2018  
 NAE4HA National 4-H Hall of Fame Ranking Committee, 2014 – 2015  
 Utah Association of County Agricultural Agents, 2005 – 2018  
   Search for Excellence Committee, Chair, 2010 – 2018  
   2017 NACAA AM/PIC Committee for UACAA, Treasurer, 2013 – 2017  
 Utah Association of Extension 4-H Workers, 2005 – 2018  
   UAE4-HW Policies and Procedures Committee, 2005 – 2016

**Outreach Service:****Classes, Workshops, Seminars, Share Fairs and Tours Organized:**

Master Gardener graduation, Idaho Falls, Idaho, October 15, 2025.  
 Farm financial analysis program, Zoom, 4 fall classes, 2025.  
 Practical farm & ranch financial records program, Zoom, 4 fall classes, 2025.  
 Bonneville County 4-H Achievement Night, Idaho Falls, Idaho, September 29, 2025.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 3, 2025.  
 Eastern Idaho State Fair Master Gardener booth, Blackfoot, Idaho, August 30 – September 5, 2025.  
 Bonneville County Fair, Idaho Falls, Idaho, July 31 – August 7, 2025.  
 Idaho Master Gardener, Bonneville County summer tour, Idaho Falls and Rexburg, Idaho, July 26, 2025.  
 Bonneville/Bingham/Fort Hall/Butte County 4-H summer camp, Alpine, Wyoming, June 16 – 18, 2025.  
 Idaho Master Gardener, Bonneville County plant promotion, Idaho Falls, Idaho, May 17, 2025.  
 4-H swine weigh-in, Idaho Falls, Idaho, April 26, 2025.  
 Fruit tree grafting lab, Idaho Falls, Idaho, March 15, 2025.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 1, 2025.  
 Seed starting lab, Idaho Falls, Idaho, February 22, 2025.  
 Idaho home garden tips, Zoom, 19 episodes, 2025.  
 Pruning fruit trees & shrubs lab, Idaho Falls, Idaho, February 8, 2025.  
 Eastern Idaho cereal school, Idaho Falls, February 5, 2025.  
 Advanced Master Gardener program, Zoom, 6 classes, 2025.  
 Farm financial analysis program, Zoom, 4 spring classes, 2025.  
 Practical farm & ranch financial records program, Zoom, 4 spring classes, 2025.  
 Pruning ornamental trees & shrubs lab, Idaho Falls, Idaho, January 25, 2025.  
 Online Idaho Master Gardener program, Zoom, 13 online classes, 2025.  
 Idaho Master Gardener demonstration garden work day, Idaho Falls, Idaho, October 26, 2024.  
 Master Gardener graduation, Idaho Falls, Idaho, October 23, 2024.  
 Bonneville County 4-H Achievement Night, Idaho Falls, Idaho, October 7, 2024.  
 Bonneville County Fair, Idaho Falls, Idaho, August 1 – 8, 2024.  
 Idaho Master Gardener, parade of gardens, Rigby and Idaho Falls, Idaho, July 27, 2024.  
 Bonneville/Bingham/Fort Hall County 4-H summer camp, Alpine, Wyoming, June 17 – 19, 2024.  
 Idaho Master Gardener, Bonneville County summer tour, Idaho Falls and Rexburg, Idaho, June 12, 2024.  
 Idaho Master Gardener, Bonneville County plant promotion, Idaho Falls, Idaho, May 18, 2024.  
 4-H swine weigh-in, Idaho Falls, Idaho, April 27, 2024.  
 Fruit tree grafting lab, Idaho Falls, Idaho, March 23, 2024.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 9, 2024.  
 4-H beef weigh-in, Idaho Falls, Idaho, March 2, 2024.  
 Online Idaho Master Gardener program, Zoom, 12 online classes, 2024.  
 Idaho home garden tips, Zoom, 18 episodes, 2024.  
 Eastern Idaho cereal school, Idaho Falls, February 8, 2024.  
 Advanced Master Gardener program, Zoom, 5 classes, 2024.  
 Master Gardener Canvas training, Zoom, January 10, 2024.  
 Farm financial analysis for farming and ranching program, Zoom, 4 fall classes, 2024.

**SERVICE: Outreach Services: Classes, Workshops, Seminars, Share Fairs and Tours Organized: (continued)**

QuickBooks for farming and ranching program, Zoom, 4 fall classes, 2024.  
 Online Master Gardener train the trainer, Zoom, November 27, 2023.  
 Master Gardener graduation, Idaho Falls, Idaho, October 11, 2023.  
 Bonneville County 4-H Achievement Night, Idaho Falls, Idaho, October 2, 2023.  
 Eastern Idaho State Fair swine show, Blackfoot, Idaho, September 8, 2023.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 6, 2023.  
 Eastern Idaho State Fair Idaho Master Gardener booth, Blackfoot, Idaho September 1 – 9, 2023.  
 National Association of County Agricultural Agents communication awards luncheon, Des Moines, Iowa, August 15, 2023.  
 Bonneville County Fair, Idaho Falls, Idaho, August 3 – 10, 2023.  
 Idaho Master Gardener, Bonneville County local garden tours, Rigby and Idaho Falls, Idaho, 4 locations, July 22, 2023.  
 Master Gardener Convention, Rexburg, Idaho, June 23, 2023.  
 Bonneville/Bingham County 4-H summer camp, Alpine, Wyoming, June 12 – 14, 2023.  
 Idaho Master Gardener, Bonneville County summer tour, Aberdeen, Idaho, June 7, 2023.  
 Idaho Master Gardener, Bonneville County plant promotion, Idaho Falls, Idaho, May 13, 2023.  
 4-H sheep & goat weigh-in, Idaho Falls, Idaho, May 20, 2023.  
 Tree planting lab, Idaho Falls, Idaho, May 6, 2023.  
 4-H swine weigh-in, Idaho Falls, Idaho, April 22, 2023.  
 Fruit tree grafting lab, Idaho Falls, Idaho, 2 classes, March 25 & 27, 2023.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 11, 2023.  
 QuickBooks for farming and ranching program, Zoom, 4 spring classes, 2023.  
 4-H beef weigh-in, Idaho Falls, Idaho, March 4, 2023.  
 Eastern Idaho forage school, 4 locations, Mud Lake, Idaho Falls, St. Anthony, and Preston, March 1 & 2, 2023.  
 Fruit pruning, Idaho Falls, Idaho, February 18, 2023.  
 Pasture School, 3 locations—Blackfoot, Malad, Montpelier, 2023.  
 Plat Talk—online answer to garden questions, 15 episodes, 2023.  
 Idaho home garden tips, Zoom, 16 episodes, 2023.  
 Eastern Idaho cereal school, Zoom, February 9, 2023.  
 Advanced Master Gardener program, Zoom, 5 classes, 2023.  
 Pruning ornamental trees & shrubs, Idaho Falls, Idaho, January 28, 2023.  
 Farm financial analysis, Zoom, 4 online classes, February 27 – March 20, 2023.  
 Online Idaho Master Gardener program, Zoom, 12 online classes, 2023.  
 Farm succession & estate planning, Zoom, 7 online classes, December 13, 2022, January 3, 10, 17, 24, 31, and February 7, 2023.  
 Pesticide applicator training, Zoom, 2 sessions, December 7, 2022, and March 8, 2023.  
 QuickBooks for farming and ranching program, Zoom, 4 autumn classes, November 22, 29, December 13, 20, 2022.  
 Master Gardener graduation, Idaho Falls, Idaho, October 12, 2022.  
 Bonneville County 4-H Achievement Night, Idaho Falls, Idaho, September 26, 2022.  
 Eastern Idaho State Fair swine show, Blackfoot, Idaho, September 8, 2022.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 7, 2022.  
 Bonneville County Fair, Idaho Falls, Idaho, August 6 – 13, 2022.  
 National Association of County Agricultural Agents communication awards luncheon, West Palm Beach, Florida, July 19, 2022.  
 Master Gardener Convention, Twin Falls, Idaho, June 25, 2022.  
 Idaho Master Gardener, Bonneville County summer tour, Logan, Utah, June 18, 2022.  
 Bonneville/Bingham County 4-H summer camp, Alpine, Wyoming, June 13 – 15, 2022.  
 Idaho Master Gardener, Bonneville County summer tour, Aberdeen, Idaho, June 4, 2022.  
 Idaho Master Gardener, Bonneville County plant promotion, Idaho Falls, Idaho, May 21, 2022.  
 4-H sheep & goat weigh-in, Idaho Falls, Idaho, May 21, 2022.  
 4-H swine weigh-in, Idaho Falls, Idaho, April 30, 2022.  
 Forage field day, Aberdeen and Rexburg Idaho, two sessions, May 2022.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 12, 2022.  
 QuickBooks for farming and ranching program, Zoom, 4 classes, 2022.

**SERVICE: Outreach Services: Classes, Workshops, Seminars, Share Fairs and Tours Organized: (continued)**

4-H beef weigh-in, Idaho Falls, Idaho, March 5, 2022.  
 Fruit pruning, Idaho Falls, Idaho, February 19, 2022.  
 Idaho home garden tips, Zoom, eighteen episodes, 2022.  
 Eastern Idaho cereal school, Zoom, February 2, 2022.  
 Advanced Master Gardener program, Zoom, five classes, 2022.  
 Pruning ornamental trees & shrubs, Idaho Falls, Idaho, January 29, 2022.  
 Farm business management, Zoom, six online classes, January 11 – February 15, 2022.  
 Online Idaho Master Gardener program, Zoom, twelve online classes, 2022.  
 Pesticide applicator training, Zoom, two sessions, December 7, 2021, and March 10, 2022.  
 Master Gardener graduation, Idaho Falls, Idaho, October 15, 2021.  
 Bonneville County 4-H Achievement Night, Idaho Falls, Idaho, September 27, 2021.  
 Eastern Idaho State Fair swine show, Blackfoot, Idaho, September 9, 2021.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 3, 2021.  
 Idaho Master Gardener, Bonneville County summer tour, Ketchum, Boise, and Aberdeen, Idaho, June 25 – 26, 2021.  
 Bonneville/Bingham County 4-H summer camp, Alpine, Wyoming, June 14 – 16, 2021.  
 Idaho Master Gardener, Bonneville County plant promotion, Idaho Falls, Idaho, May 15, 2021.  
 4-H swine weigh-in, Idaho Falls, Idaho, April 24, 2021.  
 Fruit tree grafting workshop, Idaho Falls, Idaho, March 27, 2021.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 20, 2021.  
 Eastern Idaho Forage School, Zoom, March 17, 2021.  
 French hotbed installation, Idaho Falls, Idaho, March 13, 2021.  
 Pruning ornamental trees & shrubs, Idaho Falls, Idaho, March 13, 2021.  
 Pesticide applicator training, Zoom, March 11, 2021.  
 4-H beef weigh-in, Idaho Falls, Idaho, February 27, 2021.  
 Fruit pruning, Idaho Falls, Idaho, February 20, 2021.  
 Eastern Idaho cereal school, Zoom, February 3, 2021.  
 Farm business management, Zoom, January 21, 28, February 4, 11, 18, 25, 2021.  
 Plant talk with Ron & Reed, Zoom, six episodes, 2021.  
 Idaho Home Garden Tips, Zoom, fifteen episodes, 2021.  
 Advanced Master Gardener program, Zoom, five classes, 2021.  
 Eastern Idaho Master Gardener program, Zoom, twelve classes, 2021.  
 Pesticide applicator training, Zoom, December 2, 2020.  
 Master Gardener graduation, Idaho Falls, Idaho, October 15, 2020.  
 Eastern Idaho online garden tips, Zoom, September 9, 23, October 14, 28, 2020.  
 Eastern Idaho State Fair swine show, Blackfoot, Idaho, September 7, 2020.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 5, 2020.  
 Eastern Idaho horticulture roundtables, Zoom, May 27, July 15, November 11, 2020.  
 Butterfly garden tour, Pingree, Idaho, June 20, 2020.  
 Bonneville County horticulture symposium, Idaho Falls, Idaho, March 21, 2020.  
 Video boot camp, Caldwell, Idaho, March 18 – 19, 2020.  
 Fruit pruning, Idaho Falls, Idaho, March 14, 2020.  
 Eastern District forage school, Mud Lake, Blackfoot, Preston and Soda Springs, March 7 – 8, 2020.  
 4-H beef weigh-in, Idaho Falls, Idaho, March 7, 2020.  
 Pruning ornamental trees & shrubs, Idaho Falls, Idaho, February 29, 2020.  
 Advanced Master Gardener program, Idaho Falls, Idaho, February 19, 26, March 25, April 8, May 27, June 20, 2020.  
 Idaho Falls cereal school, Idaho Falls, Idaho, February 6, 2020.  
 Farm business management, Idaho Falls, Idaho, January 15, 22, 29, February 5, 12, 19, 2020.  
 Eastern Idaho Master Gardener program, Eastern Idaho, twelve classes 2020.  
 Master Gardener graduation, Idaho Falls, Idaho, October 3, 2019.  
 2019 NACAA communications awards luncheon, Fort Wayne, Indiana, September 10, 2019.  
 Eastern Idaho State Fair swine show, Blackfoot, Idaho, September 2, 2019.  
 Eastern Idaho State Fair rabbit show, Blackfoot, Idaho, September 2, 2019.  
 Bonneville County fair, Idaho Falls, Idaho, 2019.  
 Grain growers summer meeting, Idaho Falls, Idaho, July 18, 2019.

**SERVICE: Outreach Services: Classes, Workshops, Seminars, Share Fairs and Tours Organized: (continued)**

Cereal crop field day, Idaho Falls, Idaho, July 18, 2019.  
 Bonneville/Bingham County 4-H summer camp, Alpine, Wyoming, June 17 – 19, 2019.  
 Horticulture symposium, Idaho Falls, Idaho, March 16, 2019.  
 Fruit tree pruning lab, Idaho Falls, Idaho, March 2, 2019.  
 Advanced Master Gardener program, Idaho Falls, Idaho, 2019.  
 Eastern Idaho Master Gardener program, Eastern Idaho, fifteen classes, 2019.  
 Weber County pesticide applicator training workshop, Ogden, Utah, November 13, 2018.  
 Beginning beekeeper workshop, Morgan, Utah, April 7, 2018.  
 Beginning beekeeper workshop, Ogden, Utah, March 31, 2018.  
 Weber County farm field days, elementary school field day, Weber County, Utah, October 2017–2018.  
 Morgan baby animal event, two-day event, Morgan, Utah, May 2017–2018.  
 Weber dairy days, Ogden, Utah, April 2017–2018.  
 Northern Utah Dairy Herd Improvement Association (DHIA) producers meeting, 2017–2018.  
 Beef herdsman's school, Weber County, Utah, January 2017, December 2017.  
 Horse health seminar, Ogden, Utah, March 9, 2017.  
 Weber/Morgan/Davis crop seminar, Ogden, Utah, February 21, 2017, January 23, 2018.  
 Utah Onion Association annual meeting, Brigham City, Utah, February 2017, 2018.  
 Northern Fruit Growers annual meeting, Brigham City, Utah, February 2017–2018.  
 Responsible chicken ownership, Weber County, Morgan County, Salt Lake County, and Utah County, Utah, October 17, 18, 2018. 2017–2018.  
 Pesticide applicator training workshop, Ogden, Utah, November 14, 2017.  
 Historical tour of Castle Country ghost towns, Price, Utah, August 4, 2016.  
 High tunnel tour, Natural Resources Conservation Service, Price, Utah, May 6, 2016.  
 Beginning beekeeping workshop, Price, Utah, February 24, - April 2, 2016.  
 Small acreage workshop, Castle Dale, Utah, February 20, 2016.  
 Riparian management school, Price, Utah, March 18, 2015.  
 Castle Valley crop school, one-evening program each year, Carbon County, Utah, 2012–2016.  
 4-H science camps at the library, six week-long summer science camps, Carbon County, Utah, 2009–2016.  
 Carbon/Emery Master Gardener program, Carbon & Emery Counties, Utah, 2007–2016.  
 High Desert Growers' Farmers' Market, weekly Saturday market mid-July – end October, Carbon & Emery Counties, Utah, 2007–2016.  
 Skyline Cooperative Weed Management Area project tours, one-day tour each year, Carbon & Emery Counties, Utah, 2006–2017.  
 Carbon/Emery 4-H summer camp, Huntington, Utah, 2006, 2008, 2010, 2012, 2014, 2016.  
 4-H livestock care & feed workshop, Price & Castle Dale, Utah, 2006–2016.  
 4-H leader orientation, Price, Utah, 2006–2016.  
 Southeastern Utah junior livestock show & sale, 2005–2016.  
 Carbon County fair 4-H animal expo, Price, Utah, 2005–2016.  
 4-H achievement night, Price, Utah, 2005–2016.  
 4-H portfolio workshop, Price, Utah, 2005 – 2016.

**Miscellaneous Extension Publications:**

Eastern Idaho Pest Alert Newsletter: (currently 780 subscribers)  
 Patterson, R.K. and L. Allen. Winter shelter for beneficial insects/tomato spotted wilt virus. Vol. 6 Issue 20. September 26, 2025.  
 Patterson, R.K. and L. Allen. Coryneum blight/ditch bank weeds. Vol. 6 Issue 19. September 19, 2025.  
 Patterson, R.K. and L. Allen. Vegetables without processing. Vol. 6 Issue 18. September 12, 2025.  
 Patterson, R.K. and L. Allen. Fall lawn care/planting trees. Vol. 6 Issue 17. September 5, 2025.  
 Patterson, R.K. and L. Allen. Abiotic damage/smart tree selection. Vol. 6 Issue 16. August 29, 2025.  
 Patterson, R.K. and L. Allen. Bedbugs/insects in balance. Vol. 6 Issue 15. August 22, 2025.  
 Patterson, R.K. and L. Allen. Tarnished plant bug/cool fall temperatures. Vol. 6 Issue 14. August 15, 2025.  
 Patterson, R.K. and L. Allen. Fusarium wilt/fall planting. Vol. 6 Issue 13. August 8, 2025.

**SERVICE: Outreach Services: Miscellaneous Extension Publications:** Eastern Idaho Pest Alert Newsletter:  
(continued)

- Patterson, R.K. and L. Allen. Fresh produce storage/elm seed bugs. Vol. 6 Issue 12. August 1, 2025.
- Patterson, R.K. and L. Allen. Green-eyed digger wasps/curly top virus. Vol. 6 Issue 11. July 25, 2025.
- Patterson, R.K. and L. Allen. Leafhoppers in field crops/fall vegetable garden. Vol. 6 Issue 10. July 18, 2025.
- Patterson, R.K. and L. Allen. Blister mites/painted lady beetle. Vol. 6 Issue 9. July 11, 2025.
- Patterson, R.K. and L. Allen. The truth about earwigs/powdery mildew. Vol. 6 Issue 8. July 4, 2025.
- Patterson, R.K. and L. Allen. Raspberry horntail wasp/minute pirate bug. Vol. 6 Issue 7. June 27, 2025.
- Patterson, R.K. and L. Allen. Raspberry crown borer/the golden-haired flower longhorn beetle. Vol. 6 Issue 6. June 20, 2025.
- Patterson, R.K. and L. Allen. Common cane borers/the pacific northwest firefly. Vol. 6 Issue 5. June 13, 2025.
- Patterson, R.K. and L. Allen. Woolly apple aphids/snakeflies. Vol. 6 Issue 4. June 6, 2025.
- Patterson, R.K. and L. Allen. Alternate bearing fruit/leaf hoppers. Vol. 6 Issue 3. May 30, 2025.
- Patterson, R.K. and L. Allen. Harden off plants/quackgrass. Vol. 6 Issue 2. May 23, 2025.
- Patterson, R.K. and L. Allen. Good bugs. Vol. 6 Issue 1. May 12, 2025.
- Patterson, R.K. and L. Allen. Final garden tasks. Vol. 5 Issue 24. September 27, 2024.
- Patterson, R.K. and L. Allen. Apple harvest/fall tree irrigation. Vol. 5 Issue 23. September 20, 2024.
- Patterson, R.K. and L. Allen. Reduce tillage/snow mold. Vol. 5 Issue 22. September 13, 2024.
- Patterson, R.K. and L. Allen. Fall gardening tips. Vol. 5 Issue 21. September 6, 2024.
- Patterson, R.K. and L. Allen. Fall needle drop/Colorado potato beetle. Vol. 5 Issue 20. August 30, 2024.
- Patterson, R.K. and L. Allen. Fall planting/fall weed control. Vol. 5 Issue 19. August 23, 2024.
- Patterson, R.K. and L. Allen. Thrips good and bad. Vol. 5 Issue 18. August 16, 2024.
- Patterson, R.K. and L. Allen. Harvest and cure onions and garlic/tomato spotted wilt virus. Vol. 5 Issue 17. August 9, 2024.
- Patterson, R.K. and L. Allen. Fresh produce storage/curly top virus. Vol. 5 Issue 16. August 2, 2024.
- Patterson, R.K. and L. Allen. Harvest indicators/wildfire haze. Vol. 5 Issue 15. July 26, 2024.
- Patterson, R.K. and L. Allen. Pruning clematis/vegetable leaf miners. Vol. 5 Issue 14. July 19, 2024.
- Patterson, R.K. and L. Allen. Gardening with the wind/flea beetle. Vol. 5 Issue 13. July 12, 2024.
- Patterson, R.K. and L. Allen. Late season gardening/raspberry horntail wasp. Vol. 5 Issue 12. July 5, 2024.
- Patterson, R.K. and L. Allen. Soil sampling/blister mites. Vol. 5 Issue 11. June 28, 2024.
- Patterson, R.K. and L. Allen. Spiders/elm seed bugs. Vol. 5 Issue 10. June 21, 2024.
- Patterson, R.K. and L. Allen. Bumblebees/raspberry sawfly. Vol. 5 Issue 9. June 14, 2024.
- Patterson, R.K. and L. Allen. Planting asparagus/rose galls. Vol. 5 Issue 8. June 7, 2024.
- Patterson, R.K. and L. Allen. Plant selection considerations/root weevils. Vol. 5 Issue 7. May 31, 2024.
- Patterson, R.K. and L. Allen. Garden Planning/grasshoppers. Vol. 5 Issue 6. May 24, 2024.
- Patterson, R.K. and L. Allen. Harden off transplants/quackgrass. Vol. 5 Issue 5. May 17, 2024.
- Patterson, R.K. and L. Allen. Coryneum/good bugs. Vol. 5 Issue 4. May 8, 2024.
- Patterson, R.K. and L. Allen. Vegetable garden seed guide. Vol. 5 Issue 3. April 27, 2024.
- Patterson, R.K. and L. Allen. Critical temperatures. Vol. 5 Issue 2. April 19, 2024.
- Patterson, R.K. and L. Allen. Codling moth class/delayed dormant application. Vol. 5 Issue 1. April 8, 2024.
- Patterson, R.K. and L. Allen. Plant diversity/getting trees ready for winter. Vol. 4 Issue 21. September 29, 2023.
- Patterson, R.K., T. Jacobsen and L. Allen. Reduce tillage/recognizing sapsucker damage. Vol. 4 Issue 20. September 15, 2023.

**SERVICE: Outreach Services: Miscellaneous Extension Publications:** Eastern Idaho Pest Alert Newsletter:  
(continued)

- Patterson, R.K. and L. Allen. Cover crops/powdery mildew. Vol. 4 Issue 19. September 8, 2023.
- Patterson, R.K. and L. Allen. Soil health/leaf scorch. Vol. 4 Issue 18. September 1, 2023.
- Patterson, R.K. and L. Allen. Harvest, cure and store onions/onions diseases-quarantine. Vol. 4 Issue 17. August 25, 2023.
- Patterson, R.K. and L. Allen. Tachinid flies/fall weeds. Vol. 4 Issue 16. August 18, 2023.
- Patterson, R.K. and L. Allen. Fresh produce harvest and storage/tomato hornworms. Vol. 4 Issue 15. August 11, 2023.
- Patterson, R.K. and L. Allen. Long-legged flies/raspberry sawfly. Vol. 4 Issue 14. August 4, 2023.
- Patterson, R.K. and L. Allen. Syrphid flies/lygus bugs. Vol. 4 Issue 13. July 28, 2023.
- Patterson, R.K. and L. Allen. Aphid wasps/cabbage worms. Vol. 4 Issue 12. July 21, 2023.
- Patterson, R.K. and L. Allen. Mud dauber wasp/imported currantworm. Vol. 4 Issue 11. July 14, 2023.
- Patterson, R.K. and L. Allen. Ambush bugs/tomato blights/lilac-ash borer. Vol. 4 Issue 10. July 7, 2023.
- Patterson, R.K. and L. Allen. Tiger beetles/mustard weeds. Vol. 4 Issue 9. June 30, 2023.
- Patterson, R.K. and L. Allen. Damsel bugs/flea beetles. Vol. 4 Issue 8. June 23, 2023.
- Patterson, R.K. and L. Allen. Ground beetles/root weevil. Vol. 4 Issue 7. June 16, 2023.
- Patterson, R.K. and L. Allen. Rove beetles/lilac-ash borer. Vol. 4 Issue 6. June 9, 2023.
- Patterson, R.K. B. Henderson, J. Hatch and L. Allen. Broadleaf plantain/understanding earwigs. Vol. 4 Issue 5. June 2, 2023.
- Patterson, R.K. and L. Allen. Good bugs/bad bugs (raspberry horntail wasp). Vol. 4 Issue 4. May 26, 2023.
- Patterson, R.K. and L. Allen. Start your lawn out right. Vol. 4 Issue 3. May 19, 2023.
- Patterson, R.K. and L. Allen. Fire blight. Vol. 4 Issue 2. May 12, 2023.
- Patterson, R.K. and L. Allen. Codling moth/voles. Vol. 4 Issue 1. May 5, 2023.
- Patterson, R.K. and L. Allen. Spruce trees losing needles? October 21, 2022.
- Patterson, R.K. and L. Allen. Caneberries and bushberries in the fall/garden cleanup. October 14, 2022.
- Patterson, R.K. and L. Allen. Spring bulbs/winter grass molds/western conifer seed bug. October 7, 2022.
- Patterson, R.K. and L. Allen. Voles/fall irrigation. September 30, 2022.
- Patterson, R.K. and L. Allen. Earwigs/fall weed control/using tarps to control weeds. September 23, 2022.
- Patterson, R.K. and L. Allen. Field bindweed/home produce storage locations. September 16, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Spider mites/garden tool care/pesticide disposal. September 9, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Early and late blight of potatoes & tomatoes/fall yard cleanup. September 2, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Cabbage worms/fall lawn care. August 26, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Coryneum blight (shothole)/fresh produce storage. August 19, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Birds on fruit/ harvest indicators. August 12, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Scale on conifers/season long color. August 5, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Powdery mildew in cucurbits/fall crops. July 29, 2022.
- Patterson, R.K., S. Love and L. Allen. Pest spray schedule and pesticides. Grasshoppers-get a jump on them early/soil preparation. July 22, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Aphids in brassicas/deadheading flowers. July 15, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Thatch in the lawn/companion planting. July 8, 2022.

**SERVICE: Outreach Services: Miscellaneous Extension Publications: Eastern Idaho Pest Alert Newsletter: (continued)**

- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Watering practices for the vegetable garden/powdery mildew. July 1, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Edible landscapes/white bryony. June 24, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Encourage beneficial insects/molds of strawberries. June 17, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Western cherry fruitfly/irrigation. June 10, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Billbugs/cat-faced spiders. June 3, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Slugs/plants for sunny areas. May 27, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Raspberry horntail wasp/plants for shady areas. May 20, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Good plants/critical temperatures/fire blight. May 13, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Apple codling moth/Plants for pollinators. May 6, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Praying mantis/Field bindweed. April 29, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Snakes/Spring weed control. April 23, 2022.
- Patterson, R.K. and L. Allen. Fungus gnats/houseplants and light/houseplants and water. April 8, 2022.
- Patterson, R.K. and L. Allen. Spring frost protection/Spring weed control. April 1, 2022.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Puncturevine. September 27, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Aphids on cruciferous crops. September 17, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Powdery mildew. September 10, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Tomato hornworm. September 3, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Poison hemlock. August 27, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Aphids. August 20, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Pear slug. August 13, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Russian olive. August 6, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Ips beetle. July 30, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Curly top virus. July 23, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Tarnished plant bug. July 16, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Raspberry horntail wasp. July 9, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Billbugs. July 2, 2021.
- Patterson, R.K., J.R Findlay and L. Allen. Pest spray schedule and pesticides. Corn blotch leaf miner. June 25, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Flea beetles. June 18, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Summer weed control. June 11, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Wasps and hornets. June 4, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Spring control of winter annuals. May 28, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Grasshoppers. May 21, 2021.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** East Idaho Pest Alert Newsletter:  
(continued)

- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Apple powdery mildew. May 14, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Thin your fruit to help with pest problems. May 7, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 30, 2021.
- Patterson, R.K. and L. Allen. Pesticides. April 23, 2021.
- Patterson, R.K. and L. Allen. Fire blight. April 16, 2021.
- Patterson, R.K. and L. Allen. Codling moth. April 9, 2021.
- Patterson, R.K. and L. Allen. Delayed dormant spray. April 2, 2021.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. September 11, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. September 4, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. August 28, 2020
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Corn Earworm. August 21, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Spider mites. August 14, 2020.
- Patterson, R.K., J. Thomas, and L. Allen. Pest spray schedule and pesticides. Spiders, the devil's spawn or angels in disguise? (edited). August 7, 2020.
- Patterson, R.K., D. Gunn, and L. Allen. Pest spray schedule and pesticides. Voles. Beneficial true bugs: Minute pirate bugs. July 31, 2020.
- Patterson, R.K., Nicasio Usabel, and L. Allen. Pest spray schedule and pesticides. Slime flux (edited). July 23, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Field bindweed (morning glory). July 17, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Beneficial predators: Syrphid flies. July 9, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. Blossom end rot in tomato. July 2, 2020.
- Patterson, R.K., A West, and L. Allen. Pest spray schedule and pesticides. Sequoia pitch moth and the Zimmerman pine moth (edited). June 26, 2020.
- Patterson, R.K., D. Gunn, and L. Allen. Pest spray schedule and pesticides. White bryony. June 19, 2020.
- Patterson, R.K., J.R. Findlay, and L. Allen. Pest spray schedule and pesticides. Mineral nutrition and plant disease (edited). June 12, 2020.
- Patterson, R.K., J. Sagers, and L. Allen. Pest spray schedule and pesticides. Friend or foe: praying mantis (edited). June 5, 2020.
- Patterson, R.K., J. Hatch, and L. Allen. Pest spray schedule and pesticides. Broadleaf plantain (edited). May 29, 2020.
- Patterson, R.K., B. Henderson, and L. Allen. Pest spray schedule and pesticides. Understanding earwigs (edited). May 22, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. May 15, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. May 8, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 30, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 24, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 17, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 10, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. April 3, 2020.
- Patterson, R.K. and L. Allen. Pest spray schedule and pesticides. March 27, 2020.
- Patterson, R.K. Pest spray schedule and pesticides. March 20, 2020.
- Patterson, R.K. Pest spray schedule and pesticides. March 8, 2020.
- Patterson, R.K. Russian knapweed. February 18, 2020.
- Patterson, R.K. Woody plant control: cut-stump. February 1, 2020.
- Patterson, R.K. Woody plant control: frill-cut or injection. January 27, 2020.
- Patterson, R.K. Bittersweet nightshade. January 24, 2020.
- Patterson, R.K. Woody plant control: basal bark treatment. January 23, 2020.
- Patterson, R.K. Virginia creeper. January 17, 2020.
- Patterson, R.K. Woody plant control January 13, 2020.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** East Idaho Pest Alert Newsletter:  
(continued)

Patterson, R.K. Eastern Idaho Pest Alert Notices, twelve issues, email, in 2019.

Bonneville County Extension Newsletter: (currently 641 email recipients)

Bonneville County Extension Newsletter: fall lawn care and snow mold, October 2025.

Bonneville County Extension Newsletter: horticulture news, April 2025.

Bonneville County Extension Newsletter: Master Gardener schedule, January 2025.

Bonneville County Extension Newsletter: Final fall garden tasks and program notifications, October 2024.

Bonneville County Extension Newsletter: program notifications, July 2024.

Bonneville County Extension Newsletter: program notifications, January 2024.

Bonneville County Extension Newsletter: program notifications, October 2023.

Bonneville County Extension Newsletter: Summer watering practices for the vegetable garden, July 2023.

Bonneville County Extension Newsletter: Spring weed control/pruning young apple trees, April 2023.

Bonneville County Extension Newsletter: One of the most beautiful winter blooms is the kalanchoe, January 2023.

Bonneville County Extension Newsletter: Building soil—fall/fall weed control, October 2022.

Bonneville County Extension Newsletter: Beneficial insects—beetle/beneficial insects—flies, July 2022.

Bonneville County Extension Newsletter: Spring plant protection/selecting apple trees, April 2022.

Bonneville County Extension Newsletter: Planting spring bulbs and garlic, October 2021.

Bonneville County Extension Newsletter: Water conservation in the garden and home, July 2021.

Bonneville County Extension Newsletter: Tender and hardy plants. April 2021.

Bonneville County Extension Newsletter: Irrigation. July 2020.

Bonneville County Extension Newsletter: Tender and hardy plants. April 2020.

Bonneville County Extension Newsletter: Houseplants. January 2020.

Bonneville County Extension Newsletter: Fall weed control. October 2019.

Bonneville County Extension Newsletter: Houseplants. January 2019.

Edited videos:

Publicly available videos:

Murray, M. Codling moth life cycle and control – 2024 Idaho home garden tips. YouTube video.

[https://www.youtube.com/watch?v=dhxs8THmw7M&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=26&pp=gAQBIAQB](https://www.youtube.com/watch?v=dhxs8THmw7M&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=26&pp=gAQBIAQB)

Cosdon, C. Soil health – 2024 Idaho home garden tips. YouTube video.

[https://www.youtube.com/watch?v=mdkySGUHdV4&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=25&pp=gAQBIAQB](https://www.youtube.com/watch?v=mdkySGUHdV4&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=25&pp=gAQBIAQB)

Mayes, I. Transplant care – 2023 Idaho home garden tips. YouTube video.

[https://www.youtube.com/watch?v=VtGmj28OyFU&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=23&pp=gAQBIAQB](https://www.youtube.com/watch?v=VtGmj28OyFU&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=23&pp=gAQBIAQB). 2023.

Love, S. Saving seeds – 2023 Idaho home garden tips. YouTube video.

[https://www.youtube.com/watch?v=sjNjXISnvAA&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=22&pp=gAQBIAQB](https://www.youtube.com/watch?v=sjNjXISnvAA&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=22&pp=gAQBIAQB). 2023.

West, A. Garden calendar – 2023 Idaho home garden tips. YouTube video.

[https://www.youtube.com/watch?v=Yh6Cjn\\_7owc&list=PL6g6ZYcM47s-HL37zPkgO\\_r0tGNoPUm7i&index=19&pp=gAQBIAQB](https://www.youtube.com/watch?v=Yh6Cjn_7owc&list=PL6g6ZYcM47s-HL37zPkgO_r0tGNoPUm7i&index=19&pp=gAQBIAQB). 2023.

Seydel, J. Garden Tips: gardens around the world. YouTube video.

[https://youtu.be/zSbycc7EC\\_w](https://youtu.be/zSbycc7EC_w). 2021.

Love, S. Garden Tips: landscaping with native plants. YouTube video.

<https://youtu.be/NAtvjBJanks>. 2021.

Findlay, R. Garden tips: introduction to beekeeping. YouTube video. <https://youtu.be/yVY-Hwo3M18>. 2021.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** Edited videos: Publicly available videos:  
(continued)

Heckenbach, M. Growing oyster mushrooms. YouTube video. <https://youtu.be/Wm4l-qtoVxU>. 2020.

Unlisted, edited presentation videos for specific classes:

Farm Business Management:

- Fall 2025 Farm Records Week 1 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 Financial Records Week 2 Class Discussion, . YouTube video. Unlisted. 2025.
- Fall 2025 Farm Records Week 3 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 Farm Records Week 4 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 FFA Week 1 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 FFA Week 2 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 FFA Week 3 Class Discussion. YouTube video. Unlisted. 2025.
- Fall 2025 FFA Week 4 Class Discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 4 FFA class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 3 FFA class discussion. YouTube video. Unlisted., 2025.
- 2025 Spring Week 2 FFA class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 1 FFA class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 4 Farm Financial Records class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 3 Farm Financial Records class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 2 Farm Financial Records class discussion. YouTube video. Unlisted. 2025.
- 2025 Spring Week 1 Farm Financial Records class discussion. YouTube video. Unlisted. 2025.
- 2024 Fall Week 4 FFA class discussion. YouTube video. Unlisted. 2024.
- 2024 Fall Week 3 FFA class discussion. YouTube video. Unlisted. 2024.
- 2024 Fall Week 2 FFA class discussion. YouTube video. Unlisted. 2024.
- 2024 Fall Week 1 FFA class discussion. YouTube video. Unlisted., 2024.
- Farm Financial Records 2024 Week 4 Discussion. YouTube video. Unlisted. 2024
- Farm Financial Records 2024 Week 3 Discussion. YouTube video. Unlisted., 2024.
- Farm Financial Records 2024 Week 2 Discussion. YouTube video. Unlisted. 2024.
- Farm Financial Records 2024 Week 1 Discussion. YouTube video. Unlisted. 2024.
- Hatzenbuehler, P. Partial budgets. YouTube video. Unlisted. 2024.
- Hatzenbuehler, P. Enterprise budgets. YouTube video. Unlisted. 2024.
- Hatzenbuehler, P. Cash flow budgets. YouTube video. Unlisted. 2024.
- Hatzenbuehler, P. Budget background. YouTube video. Unlisted. 2024.
- Findlay, R. Vision mission goals. YouTube video. Unlisted. 2024.
- 2023 Fall Week 4 Class Discussion. Fall financial analysis class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 3 Class Discussion. Fall financial analysis class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 2 Class Discussion. Fall financial analysis class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 1 Class Discussion. Fall financial analysis class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 4 Class Discussion. Fall QuickBooks for farming & ranching class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 3 Class Discussion. Fall QuickBooks for farming & ranching class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 2 Class Discussion. Fall QuickBooks for farming & ranching class. YouTube video. Unlisted. 2023.
- 2023 Fall Week 1 Class Discussion. Fall QuickBooks for farming & ranching class. YouTube video. Unlisted. 2023.
- 2023 spring week 4. Spring QuickBooks class. YouTube video. Unlisted. 2023.
- 2023 QuickBooks spring week 3. Spring QuickBooks class. YouTube video. Unlisted. 2023.
- 2023 spring week 2. Spring QuickBooks class. YouTube video. Unlisted. 2023.
- 2023 spring week 1. Spring QuickBooks class. YouTube video. Unlisted. 2023.
- 2023 spring week 4. Spring farm financial analysis class. YouTube video. Unlisted. 2023.
- 2023 spring week 3. Spring farm financial analysis class. YouTube video. Unlisted. 2023.
- 2023 spring week 2. Spring farm financial analysis class. YouTube video. Unlisted. 2023.
- 2023 spring week 1. Spring farm financial analysis class. YouTube video. Unlisted. 2023.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** Edited videos: Unlisted edited presentation videos for specific classes: Farm Business Management: **(continued)**

- 2023 session 6 class discussion. Farm succession and estate planning class. YouTube video. Unlisted. 2023.
- 2023 session 2 class discussion. Farm succession and estate planning class. YouTube video. Unlisted. 2023.
- QuickBooks for farming and ranching week 4 (fall 2022). YouTube video. Unlisted. 2022.
- QuickBooks for farming and ranching week 3 (fall 2022). YouTube video. Unlisted. 2022.
- QuickBooks for farming and ranching week 2 (fall 2022). YouTube video. Unlisted. 2022.
- QuickBooks for farming and ranching week 1 (fall 2022). YouTube video. Unlisted. 2022.
- 2023 Fall Week 1 Class Discussion. Fall financial analysis class. YouTube video. Unlisted. 2023.
- Findlay, R. 2023 session 5 employee compensation. YouTube video. Unlisted. 2023.
- Fonnesbeck, S. 2023 session 5 Yellow Pie Plate. YouTube video. Unlisted. 2023.
- Sagers, J. 2023 session 4 tax implications. YouTube video. Unlisted. 2023.
- Fonnesbeck, S., J. Sagers, R. Findlay and **R.K. Patterson**. 2023 session 4 stepping away. YouTube video. Unlisted. 2023.
- Hansen, L. 2023 session 4 retirement. YouTube video. Unlisted. 2023.
- Sagers, J. 2023 session 3 off farm heirs. YouTube video. Unlisted. 2023.
- Sagers, J. 2023 session 3 job descriptions. YouTube video. Unlisted. 2023.
- Findlay, R. 2023 session 3 business structures. YouTube video. Unlisted. 2023.
- Findlay, R. Session 1: Mission, vision, goals. YouTube video. Unlisted. 2023.
- Hatzenbuehler, P. 2023: partial budgets. YouTube video. Unlisted. 2023.
- Hatzenbuehler, P. 2023: enterprise budgets. YouTube video. Unlisted. 2023.
- Hatzenbuehler, P. 2023: cash flow budgets. YouTube video. Unlisted. 2023.
- Hatzenbuehler, P. 2023: budget background. YouTube video. Unlisted. 2023.
- Findlay, R. 2022 vision mission goals. YouTube video. Unlisted. 2023.
- Loomis, G. Session 1: Real Colors. YouTube video. Unlisted. 2023.
- Findlay, R. Session 1: legacy statement. YouTube video. Unlisted. 2023.
- Findlay, R. Session 1: family meetings. YouTube video. Unlisted. 2023.
- Hill, S.R. QuickBooks setup for farms and ranches. YouTube video. Unlisted. 2022.
- Hill, S.R. QuickBooks chart of accounts: income and expense accounts. YouTube video. Unlisted. 2022.
- Hill, S.R. QuickBooks chart of accounts: balance sheet accounts. YouTube video. Unlisted. 2022.
- Hill, S.R. QuickBooks customer and vendor lists. YouTube video. Unlisted—discontinued. 2022.
- Hill, S.R. Check register in QuickBooks. YouTube video. Unlisted. 2022.
- Hill, S.R. Write checks in QuickBooks. YouTube video. Unlisted. 2022.
- Hill, S.R. Enter and pay bills in QuickBooks. YouTube video. Unlisted. 2022.
- Hill, S.R. Invoices, receipts and deposits. YouTube video. Unlisted. 2022.
- Hill, S.R. Making a loan payment. YouTube video. Unlisted. 2022.
- Hill, S.R. Profit and loss reports. YouTube video. Unlisted. 2022.
- Hill, S.R. Budgeting and cash flow. YouTube video. Unlisted. 2022.
- Hill, S.R. Memorizing reports. YouTube video. Unlisted. 2022.
- Hill, S.R. Printing checks with QuickBooks. YouTube video. Unlisted. 2022.
- Hill, S.R. QuickBooks vs farm software. YouTube video. Unlisted. 2022.
- Hill, S.R. QuickBooks desktop vs online. YouTube video. Unlisted. 2022.
- Killpack, K. Week 1: Why keep farm financial records. Unlisted. 2022.
- Gunnell, J. Idaho Master Gardener: plant pest diagnostics. YouTube video. Unlisted. 2021.
- Master Gardener:
- Duellman, K. Tomato diseases common to Idaho. YouTube video. Unlisted. 2025.
- Love, S. Selecting roses for difficult climates. YouTube video. Unlisted. 2025.
- Love, S. Growing roses in difficult climates. YouTube video. Unlisted. 2025.
- Mayes, I. Shade gardens and April 2 Q&A. YouTube video. Unlisted. 2025.
- West, A. Plant spacing and placement in the landscape and March 26 Q&A. YouTube video. Unlisted. 2025.
- Gunnell, J. Specialized pruning practices and March 19 Q&A. YouTube video. Unlisted. 2025.
- Henderson, B. Grafting evergreens and March 12 Q&A. YouTube video. Unlisted. 2025.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** Edited videos: Unlisted edited presentation videos for specific classes: Master Gardener: **(continued)**

- Henderson, B. Woody plants to avoid and March 5 Q&A. YouTube video. Unlisted. 2025.  
 Stokes, B. Protecting pollinators and Feb 12 Q&A. YouTube video. Unlisted. 2025.  
 Chalker-Scott, L. Garden myths part IV—Q&A with Linda Chalker-Scott. YouTube video. Unlisted. 2025.  
 Chalker-Scott, L. Garden myths part III—finding good science. YouTube video. Unlisted. 2025.  
 Chalker-Scott, L. Garden myths part II—practices, products and phenomena. YouTube video. Unlisted. 2025.  
 Chalker-Scott, L. Garden myths part I—critical thinking. YouTube video. Unlisted. 2025.  
 Henderson, B. Training young shade trees. YouTube video. Unlisted. 2025.  
 Schott, L. Soil health-soil biology. YouTube video. Unlisted. 2025.  
 Werlin, J. Intro to permaculture landscaping. YouTube video. Unlisted. 2025.  
 Simerlink, A. Natural vs synthetic fertilizers and Feb 5 Q&A. YouTube video. Unlisted. 2025.  
 Findlay, R. Saline and sodic soils and January 29 Q&A. YouTube video. Unlisted. 2025.  
 Gibbons, J. Mulches. YouTube video. Unlisted. 2025.  
 Allen, L. Succession planting for season-long color. YouTube video. Unlisted. 2025.  
 Stokes, B. Insect order identification. YouTube video. Unlisted. 2025.  
 Stokes, B. Insect metamorphosis. YouTube video. Unlisted. 2025.  
 West, A. Medicinal herbs. YouTube video. Unlisted. 2025.  
 Jacobsen, T. Greenhouses. YouTube video. Unlisted. 2025.  
 West, A. Waterwise landscaping. YouTube video. Unlisted. 2025.  
 Mahdavi, S. Drip irrigation. YouTube video. Unlisted. 2025.  
 Findlay, R. Soil formation and classification. YouTube video. Unlisted. 2024.  
 Findlay, R. Soil composition and water holding capacity. YouTube video. Unlisted. 2024.  
 Findlay, R. Soil texture and structure. YouTube video. Unlisted. 2024.  
 Findlay, R. Problem soils. YouTube video. Unlisted. 2024.  
 Findlay, R. Effects of texture, cation exchange capacity and pH on plant nutrients. YouTube video. Unlisted. 2024.  
 Findlay, R. Essential plant nutrients. YouTube video. Unlisted. 2024.  
 Findlay, R. Soil test, fertilizer labels and application. YouTube video. Unlisted. 2024.  
 Bell, S. and B. Henderson. Pruning evergreens. YouTube video. Unlisted. 2024.  
 Henderson, B. Pruning fruit trees. YouTube video. Unlisted. 2024.  
 Bell, S. Pruning shrubs. YouTube video. Unlisted. 2024.  
 Henderson, B. Pruning shade trees. YouTube video. Unlisted. 2024.  
 Henderson, B. Pruning basics. YouTube video. Unlisted. 2024.  
 Gibbons, J. Composting. YouTube video. Unlisted. 2024.  
 Werlin, J. Organic gardening. YouTube video. Unlisted. 2024.  
 Findlay, R. Insect pest control. YouTube video. Unlisted. 2024.  
 Findlay, R. Insect anatomy and life cycle. YouTube video. Unlisted. 2024.  
 Findlay, R. Insect taxonomy. YouTube video. Unlisted. 2024.  
 Allen, L. 2024 Welcome and introduction. YouTube video. Unlisted. 2024.  
 Agenbroad, A. Plant propagation. YouTube video. Unlisted. 2024.  
 Schott, L. Soil biology and Feb 28 Q&A. YouTube video. Unlisted. 2024.  
 Stokes, B. Insect order identification & March 6 Q&A. YouTube video. Unlisted. 2024.  
 Jacobsen, T. Greenhouses & March 13 Q&A. YouTube video. Unlisted. 2024.  
 Duellman, K. Introduction to plant diseases. YouTube video. Unlisted. 2024.  
 Duellman, K. Plant disease management. YouTube video. Unlisted. 2024.  
 Duellman, K. Plant fungal diseases. YouTube video. Unlisted. 2024.  
 Duellman, K. Plant viral diseases. YouTube video. Unlisted. 2024.  
 Duellman, K. Plant bacterial diseases. YouTube video. Unlisted. 2024.  
 Duellman, K. Plant abiotic disorders. YouTube video. Unlisted. 2024.  
 Gunnell, J. and R. Givens. Art and science of diagnosis. YouTube video. Unlisted. 2024.  
 Allen, L. 2024 Helpful hints for Canvas. YouTube video. Unlisted. 2024.  
 West, A. Plant propagation by seed. YouTube video. Unlisted. 2024.  
 Love, S. Woody plants – site selection and preparation. YouTube video. Unlisted. 2024.  
 Love, S. Woody plants – plant selection considerations. YouTube video. Unlisted. 2024.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** Edited videos: Unlisted edited presentation videos for specific classes: Master Gardener: **(continued)**

- Love, S. Woody plants – Dr. Love’s choices. YouTube video. Unlisted. 2024.  
 Love, S. Woody plants – planting and establishment. YouTube video. Unlisted. 2024.  
 West, A. Herbs & March 27 Q&A. YouTube video. Unlisted. 2024.  
 Gibbons, J. Mulches & April 3 Q&A. YouTube video. Unlisted. 2024.  
 Jacobsen, T. Noxious weeds and April 17 Q&A. YouTube video. Unlisted. 2024.  
 Werlin, J. Permaculture and April 24 Q&A. YouTube video. Unlisted. 2024.  
 May 8 Q&A. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Lawn diseases & insects. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Turfgrass selection & establishment. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Introduction to turfgrass. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Turfgrass irrigation. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Mowing your lawn. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Dealing with thatch in your lawn. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Fertilizing the lawn. YouTube video. Unlisted. 2024.  
 Hatch, J. and S. Bell. Weed control in lawns. YouTube video. Unlisted. 2024.  
 Henderson, B. Vermicomposting. YouTube video. Unlisted. 2024.  
 West, A. 2023 landscape with herbaceous ornamentals. YouTube video. Unlisted. 2023.  
 West, A. 2023 herbaceous ornamentals. YouTube video. Unlisted. 2023.  
 Love, S. 2023 vegetable crop recommendations. YouTube video. Unlisted. 2023.  
 Love, S. 2023 vegetable production. YouTube video. Unlisted. 2023.  
 Adjesiwor, A. 2023 MG weeds. YouTube video. Unlisted. 2023.  
 Gibbons, J. 2023 composting. YouTube video. Unlisted. 2023.  
 Henderson, B. 2023 pesticides. YouTube video. Unlisted. 2023.  
 Henderson, B. 2023 pruning small fruits. YouTube video. Unlisted. 2023.  
 Bell, S. 2023 turfgrass, YouTube video. Unlisted. 2023.  
 Henderson, B. 2022-23 pruning shade trees & shrubs. YouTube video. Unlisted. 2023.  
 Henderson, B. 2023 beginning Master Gardener – fruit tree pruning. YouTube video. Unlisted. 2023.  
 Henderson, B. 2023 beginning Master Gardener - pruning roses. YouTube video. Unlisted. 2023.  
 Henderson, B. 2023 pruning basics. YouTube video. Unlisted. 2023.  
 Murray, M. 2023 advanced Master Gardener diagnostics. YouTube video. Unlisted. 2023.  
 Findlay, R. 2023 insect pest control. YouTube video. Unlisted. 2023.  
 Findlay, R. 2023 entomology. YouTube video. Unlisted. 2023.  
 Stokes, B. 2023 beneficial arthropods. YouTube video. Unlisted. 2023.  
 Hallack, T. 2023 Session 7 attorney talk. YouTube video. Unlisted. 2023.  
 Findlay, R. 2023 fertility. YouTube video. Unlisted. 2023.  
 Findlay, R. 2023 soils. YouTube video. Unlisted. 2023.  
 Pace, M. 2023 fruit tree care & diagnostics. YouTube video. Unlisted. 2023.  
 Jacobsen, T. 2023 beginning Master Gardener plant anatomy. YouTube video. Unlisted. 2023.  
 Henderson, B. Idaho Master Gardener: woody plants. YouTube video. Unlisted. 2021.  
 Findlay, J.R. and R.K. Patterson. Idaho Master Gardener: insect pests & beneficial arthropods. YouTube video. Unlisted--discontinued. 2021.  
 Hatch, J.L. and I Mayes. Idaho Master Gardener: turf & irrigation. YouTube video. Unlisted--discontinued. 2021.  
 Findlay, J.R. Idaho Master Gardener: soils & fertility. YouTube video. Unlisted--discontinued. 2021.
- Idaho Home Garden Tips and Plant Talk:  
 Gibbons, J. 2025 IHGT regenerative gardening & Oct 14 Plant Talk. YouTube video. Unlisted. 2025.  
 Ure, K. 2025 IHGT freeze drying garden produce & Sep 23 Plant Talk. YouTube video. Unlisted. 2025.  
 de Haro, M. 2025 IHGT other species feces and Sep 9 Plant Talk. YouTube video. Unlisted. 2025.  
 Poulsen, D. 2025 IHGT dehydrating garden produce and Aug 26 Plant Talk. YouTube video. Unlisted. 2025.

**SERVICE: Outreach Service: Miscellaneous Extension Publications:** Edited videos: Unlisted edited presentation videos for specific classes: Idaho Home Garden Tips and Plant Talk: **(continued)**

- West, A. 2025 IHGT fall flowers & August 19 Plant Talk. YouTube video. Unlisted. 2025.  
 West, A. 2025 IHGT summer flowers & June 24 Plant Talk. YouTube video. Unlisted. 2025.  
 Jacobsen, T. 2025 IHGT soil testing & April 8 Plant Talk. YouTube video. Unlisted. 2025.  
 Mahdavi, S. 2025 IHGT deer proof your yard & August 12 Plant Talk. YouTube video. Unlisted. 2025.  
 Henderson, B. 2025 IHGT chip bud grafting and July 22 Plant Talk. YouTube video. Unlisted. 2025.  
 Henderson, B. 2025 IHGT all about grapes (June 10 Plant Talk) Plant Talk. YouTube video. Unlisted. 2025.  
 Findlay, R. 2025 IHGT understanding fertilizers and May 13 Plant Talk. YouTube video. Unlisted. 2025.  
 West, A. 2025 IHGT spring flowers and April 23 Plant Talk. YouTube video. Unlisted. 2025.  
 Simerlink, A. 2025 IHGT spring weed control and March 24 Plant Talk. YouTube video. Unlisted. 2025.  
 Murray, M. 2025 IHGT delayed dormant oil spray and March 11 Plant Talk. YouTube video. Unlisted. 2025.  
 Simerlink, A. 2025 IHGT managing trees & shrubs in the landscape & Feb 25 Plant Talk. YouTube video. Unlisted. 2025.  
 Henderson, B. Unique berries for Idaho. YouTube video. Unlisted. 2025.  
 Mahdavi, S. 2024 strawberry production. YouTube video. Unlisted. 2025.  
 West, A. 2024 harvest calendar. YouTube video. Unlisted. 2025.  
 Jensen, J. 2024 succession planting. YouTube video. Unlisted. 2025.  
 Adjesiwor, A. 2024 Organic weed management options. YouTube video. Unlisted. 2025.  
 Henderson, B. 2024 lawn problem diagnosis. YouTube video. Unlisted. 2025.  
 Hamilton, M. 2024 cool season crops. YouTube video. Unlisted. 2025.  
 Gibbons, J. 2024 compost and soil amendments. YouTube video. Unlisted. 2025.  
 Gunn, D. 2023 vole & rock chuck control. YouTube video. Unlisted. 2025.  
 Givens, R. 2023 cover crops in the garden. YouTube video. Unlisted. 2025.  
 Jacobsen, T. 2023 summer weed control. YouTube video. Unlisted. 2025.  
 Blanch, L. 2021 food preservation guidelines. YouTube video. Unlisted. 2025.  
 Findlay, R. Spring irrigation. YouTube video. Unlisted. 2025.  
 Volesky, N. 2023 greenhouse pest control. YouTube video. Unlisted. 2025.  
 Mahdavi, S. Protection against birds. YouTube video. Unlisted. 2025.

**Bonneville County Facebook Posts:**

- Carter, C. L. Allen and R.K. Patterson. 54 posts on various topics, 2024.  
 Patterson, R.K. 48 posts on various topics, 2023.  
 Patterson, R.K. Twenty-nine posts on various topics, 2021.  
 Patterson, R.K. Black henbane. October 26, 2020.  
 Patterson, R.K. Houndstongue. May 15, 2020.  
 Patterson, R.K. Common yarrow. May 8, 2020  
 Patterson, R.K. Spring weed control. March 30, 2020.  
 Patterson, R.K. Russian knapweed. February 18, 2020.  
 Patterson, R.K. Woody plant control: cut-stump. February 1, 2020.  
 Patterson, R.K. Woody plant control: frill-cut or injection. January 27, 2020.  
 Patterson, R.K. Bittersweet nightshade. January 24, 2020.  
 Patterson, R.K. Woody plant control: basal bark treatment. January 23, 2020.  
 Patterson, R.K. Virginia creeper. January 17, 2020.  
 Patterson, R.K. Woody plant control January 13, 2020.  
 Patterson, R.K. Basal bark treatment. December 13, 2019.

**Other:**

- Allen, L. and R.K. Patterson. 4 Steps to Save Water and have a Healthier Lawn, 2019.  
 Patterson, R.K. Weber – Davis – Morgan – Box Elder Dairy Herd Improvement Association Evaluation Bulletin, 2017, 2018.

**SERVICE: Outreach Service: Miscellaneous Extension Publications: Other: (continued)**

Patterson, R.K. and J. Dallin. Carbon County Fair 4-H General Rules. 2005 – 2016.

**Popular Press:**

East Idaho News: (average 2023 readership 5,713)

Protect your lawn from snow mold with these tips. October 22, 2023.

<https://www.eastidahonews.com/2023/10/reduce-the-chance-of-snow-mold-with-these-tips/>.

Reduce tillage to improve soil. October 8, 2023. <https://www.eastidahonews.com/2023/10/reduce-tillage-to-improve-soil/>.

Using cover crops to ensure soil health. <https://www.eastidahonews.com/2023/09/using-cover-crops-to-ensure-soil-health/>.

Fall is a great time to think about soil health. September 10, 2023.

<https://www.eastidahonews.com/2023/09/fall-is-a-great-time-to-think-about-soil-health/>.

Late blight and early blight. August 27, 2023. <https://www.eastidahonews.com/2023/08/late-blight-and-early-blight/>.

Fresh produce - here's what you need to know about harvest and storage. August 13, 2023.

<https://www.eastidahonews.com/2023/08/fresh-produce-heres-what-you-need-to-know-about-harvest-and-storage/>.

Timing is everything when picking tomatoes. July 30, 2023.

<https://www.eastidahonews.com/2023/07/in-the-garden-when-to-pick-tomatoes/>.

Cabbage worms in garden? Here's what to do. July 16, 2023.

<https://www.eastidahonews.com/2023/07/cabbage-worms-in-the-garden-heres-what-to-do/>.

Reminder: thin your fruit trees. July 2, 2023. <https://www.eastidahonews.com/2023/07/reminder-thin-your-fruit-trees/>.

Iron chlorosis? Here's what you need to know. June 18, 2023.

<https://www.eastidahonews.com/2023/06/iron-chlorosis-heres-what-you-need-to-know/>.

Planting a shade garden? Here's what you need to know. June 4, 2023.

<https://www.eastidahonews.com/2023/06/planting-a-shade-garden-heres-what-you-need-to-know/>.

Start your lawn out right. May 21, 2023. <https://www.eastidahonews.com/2023/05/in-the-garden-start-your-lawn-out-right/>.

Controlling codling moths is all about timing. May 7, 2023.

<https://www.eastidahonews.com/2023/05/controlling-codling-moths-is-all-about-timing/>.

Winter burn is a common issue in Idaho. April 23, 2023.

<https://www.eastidahonews.com/2023/04/winter-burn-is-a-common-issue-in-idaho/>.

Dealing with snow mold on your grass. April 9, 2023.

<https://www.eastidahonews.com/2023/04/dealing-with-snow-mold-on-your-grass/>.

How the Idaho Falls Friendship Garden was formed and became a popular gathering place. March 26, 2023. <https://www.eastidahonews.com/2023/03/how-the-idaho-falls-friendship-garden-was-formed-and-became-a-popular-gathering-place/>.

Starting vegetable seeds indoors. March 12, 2023.

<https://www.eastidahonews.com/2023/03/starting-vegetable-seeds-indoors/>.

Controlling the pests that impact your houseplants. February 26, 2023.

<https://www.eastidahonews.com/2023/02/controlling-the-pests-that-impact-your-houseplants/>.

How well do your plants tolerate cold temperatures? February 12, 2023.

<https://www.eastidahonews.com/2023/02/how-well-do-your-plants-tolerate-cold-temperatures/>.

Ever wonder why some leaves don't drop? January 29, 2023.

<https://www.eastidahonews.com/2023/01/ever-wonder-why-some-leaves-dont-drop/>.

Creating a windowsill herb garden. January 15, 2023.

<https://www.eastidahonews.com/2023/01/creating-a-windowsill-herb-garden/>.

Why bromeliads are a great plant for indoors. January 1, 2023.

<https://www.eastidahonews.com/2023/01/why-bromeliads-are-a-great-plant-for-growing-indoors/>.

One of the most beautiful winter blooms is the kalanchoe. December 18, 2023.

<https://www.eastidahonews.com/2022/12/one-of-the-most-beautiful-winter-blooms-is-the-kalanchoe/>.

**SERVICE: Outreach Service: Popular Press: East Idaho News: (continued)**

- The key to getting your holiday cacti to bloom. December 4, 2023.  
<https://www.eastidahonews.com/2022/12/the-key-to-getting-your-holiday-cacti-to-bloom/>.
- The stages of winter dormancy for fruit trees. November 27, 2023.  
<https://www.eastidahonews.com/2022/11/the-stages-of-winter-dormancy-for-fruit-trees/>.
- The amaryllis provides a vibrant splash of color during the winter. November 20, 2023.  
<https://www.eastidahonews.com/2022/11/the-amaryllis-provides-a-vibrant-splash-of-color-during-the-winter/>.
- Gettings lawns and gardens ready for a long winter nap. November 6, 2023.  
<https://www.eastidahonews.com/2022/11/getting-lawns-and-gardens-ready-for-a-long-winter-nap/>.
- Preparing for the spring by planting bulbs now. October 23, 2022.  
<https://www.eastidahonews.com/2022/10/preparing-for-the-spring-by-planting-bulbs-now/>.
- Getting to the root of the issue with tree planting. October 9, 2022.  
<https://www.eastidahonews.com/2022/10/getting-to-the-root-of-the-issue-with-tree-planting/>.
- Getting ready for holiday color with your winter-blooming house plants. September 25, 2022.  
<https://www.eastidahonews.com/2022/09/getting-ready-for-holiday-color-with-your-winter-blooming-house-plants/>.
- The when, why and how of dividing perennials. September 11, 2022.  
<https://www.eastidahonews.com/2022/09/the-why-when-and-how-of-dividing-perennials/>.
- Pulling up just one weed... August 28, 2022. <https://www.eastidahonews.com/2022/08/pulling-up-just-one-weed/>.
- How to harvest melons and winter squash. August 21, 2022.  
<https://www.eastidahonews.com/2022/08/how-to-harvest-melons-and-winter-squash/>.
- Blossom-end rot and how to prevent it in your produce. August 14, 2022.  
<https://www.eastidahonews.com/2022/08/blossom-end-rot-and-how-to-prevent-it-in-your-produce/>.
- How to grow, harvest and store cucumbers and summer squash. August 7, 2022.  
<https://www.eastidahonews.com/2022/08/how-to-grow-harvest-and-store-cucumbers-and-summer-squash/>.
- That spider might be helping in your home and garden. July 31, 2022.  
<https://www.eastidahonews.com/2022/07/how-that-spider-might-be-helping-in-your-home-and-garden/>.
- Conserving water amid drought in eastern Idaho. July 24, 2022.  
<https://www.eastidahonews.com/2022/07/conserving-water-amid-drought-in-eastern-idaho/>.
- What gardeners need to know about planting, harvesting, curing and storing garlic. July 17, 2022.  
<https://www.eastidahonews.com/2022/07/what-gardeners-need-to-know-about-planting-harvesting-curing-and-storing-garlic/>.
- A closer look at the bugs that are beneficial in your garden. July 10, 2022.  
<https://www.eastidahonews.com/2022/07/a-closer-look-at-the-bugs-that-are-beneficial-to-your-garden/>.
- The ins and outs of vegetable crop irrigation. July 3, 2022.  
<https://www.eastidahonews.com/2022/07/the-ins-and-outs-of-vegetable-crop-irrigation/>.
- Types of garden flies and how they help control pest populations. June 26, 2022.  
<https://www.eastidahonews.com/2022/06/types-of-garden-flies-and-how-they-help-control-pest-populations/>.
- These types of beetles are beneficial in your yard or garden. June 19, 2022.  
<https://www.eastidahonews.com/2022/06/these-types-of-beetles-are-beneficial-in-your-yard-or-garden/>.
- The benefits of fruit thinning and some helpful guidelines. June 12, 2022.  
<https://www.eastidahonews.com/2022/06/the-benefits-of-fruit-thinning-and-some-helpful-guidelines/>.
- How to reduce codling moth damage in your apples, pears, and other fruits. June 5, 2022.  
<https://www.eastidahonews.com/2022/06/how-to-reduce-codling-moth-damage-in-your-apples-pears-and-other-fruits/>.
- How to save space in the cucumber patch. May 29, 2022.  
<https://www.eastidahonews.com/2022/05/how-to-save-space-in-the-cucumber-patch/>.

**SERVICE: Outreach Service: Popular Press: East Idaho News: (continued)**

- The three types of tomatoes and the ideal growing conditions for each type. May 22, 2022.  
<https://www.eastidahonews.com/2022/05/the-three-types-of-tomatoes-and-the-ideal-growing-conditions-for-each-type/>.
- Saving space in your garden with wide rows. May 15, 2022.  
<https://www.eastidahonews.com/2022/05/saving-space-in-your-garden-with-wide-rows/>.
- Understanding growing degree days and how it impacts the home gardener. May 8, 2022.  
<https://www.eastidahonews.com/2022/05/understanding-growing-degree-days-and-how-it-impacts-the-home-gardener/>.
- Preparing for powdery mildew in your yard or garden. May 1, 2022.  
<https://www.eastidahonews.com/2022/05/preparing-for-powdery-mildew-in-your-yard-or-garden/>.
- How to grow sweet corn effectively. April 24, 2022.  
<https://www.eastidahonews.com/2022/04/how-to-grow-sweet-corn-effectively/>.
- Types of sweet corn and how to harvest it properly. April 17, 2022.  
<https://www.eastidahonews.com/2022/04/types-of-sweet-corn-and-how-to-harvest-it-properly/>.
- Learning more about sweet corn production. April 10, 2022.  
<https://www.eastidahonews.com/2022/04/learning-more-about-sweet-corn-production/>.
- Protecting your plants from low temperatures and high winds. April 3, 2022.  
<https://www.eastidahonews.com/2022/04/protecting-your-spring-plants-from-low-temperatures-and-high-winds/>.
- Why the scion and rootstock are important aspects of grafted apple trees. March 27, 2022.  
<https://www.eastidahonews.com/2022/03/why-the-scion-and-rootstock-are-important-aspects-of-grafted-apple-trees/>.
- Pruning cuts to help your trees look better and live longer. March 13, 2022.  
<https://www.eastidahonews.com/2022/03/pruning-cuts-to-help-your-trees-look-better-and-live-longer/>.
- Looking at weed control as spring approaches. March 6, 2022.  
<https://www.eastidahonews.com/2022/03/looking-at-weed-control-as-spring-approaches/>.
- Rules and guidelines for pruning your apple trees properly. February 27, 2022.  
<https://www.eastidahonews.com/2022/02/rules-and-guidelines-for-pruning-your-apple-trees-properly/>.
- Starting vegetable seeds indoors. February 20, 2022.  
<https://www.eastidahonews.com/2022/02/starting-vegetable-seeds-indoors/>.
- Location is key for successfully planting a tree. Here's what you need to know. February 13, 2022.  
<https://www.eastidahonews.com/2022/02/location-is-key-for-successfully-planting-a-tree-heres-what-you-need-to-know/>.
- Considering planting a large tree? Here's what you should know. February 6, 2022.  
<https://www.eastidahonews.com/2022/02/considering-planting-a-large-tree-heres-what-you-should-know/>.
- Why medium-sized trees are best for eastern Idaho landscapes. January 30, 2022.  
<https://www.eastidahonews.com/2022/01/why-medium-size-trees-are-best-for-eastern-idaho-landscapes/>.
- Small trees to consider for your yards and gardens. January 23, 2022.  
<https://www.eastidahonews.com/2022/01/small-trees-to-consider-for-your-yards-and-gardens/>.
- Why you should avoid planting these trees in eastern Idaho. January 16, 2022.  
<https://www.eastidahonews.com/2022/01/why-you-should-avoid-planting-these-trees-in-eastern-idaho/>.
- Dealing with problem trees. January 9, 2022. <https://www.eastidahonews.com/2022/01/dealing-with-problem-trees/>.
- Learn a new gardening skill—air-layering woody houseplants. January 2, 2022.  
<https://www.eastidahonews.com/2022/01/learn-a-new-gardening-skill-air-layering-woody-houseplants/>.
- Getting a poinsettia to bloom again next year. December 26, 2021.  
<https://www.eastidahonews.com/2021/12/getting-a-poinsettia-to-bloom-again-next-year/>.

**SERVICE: Outreach Service: Popular Press: East Idaho News: (continued)**

- Understanding different nutrients your plants need and how to care for them properly. December 19, 2021. <https://www.eastidahonews.com/2021/12/understanding-the-different-nutrients-your-plants-need-and-how-to-care-for-them-properly/>.
- Using water to successfully grow houseplants. December 12, 2021. <https://www.eastidahonews.com/2021/12/using-water-to-successfully-grow-houseplants/>.
- Effectively lighting your plants to ensure optimal growth. December 5, 2021. <https://www.eastidahonews.com/2021/12/effectively-lighting-your-plants-to-ensure-optimal-growth/>.
- The amaryllis provides a vibrant splash of color during the winter. November 28, 2021. <https://www.eastidahonews.com/2021/11/the-amaryllis-provides-a-vibrant-splash-of-color-during-the-winter/>.
- The key to getting your holiday cacti to bloom. November 22, 2021. <https://www.eastidahonews.com/2021/11/the-key-to-getting-your-holiday-cacti-to-bloom/>.
- How to protect your growing bulbs and plants from nasty pests. November 15, 2021. <https://www.eastidahonews.com/2021/11/how-to-protect-your-growing-bulbs-and-plants-from-nasty-pests/>.
- Here's a trick to get early spring color in your bulbs. November 7, 2021. <https://www.eastidahonews.com/2021/11/heres-a-trick-to-get-early-spring-color-in-your-bulbs/>.
- What should you do with all those fallen leaves? Mulch? Compost? Trash? November 1, 2021. <https://www.eastidahonews.com/2021/11/what-should-you-do-with-all-those-fallen-leaves-mulch-compost-trash/>.
- How you can help your trees endure cold winter temperatures. October 24, 2021. <https://www.eastidahonews.com/2021/10/how-you-can-help-your-trees-endure-cold-winter-temperatures/>.
- Building up your soil this fall. October 17, 2021. <https://www.eastidahonews.com/2021/10/building-up-your-soil-this-fall/>.
- Choosing the right location for garlic and spring bulbs and how to plant them successfully. October 10, 2021. <https://www.eastidahonews.com/2021/10/choosing-the-right-location-for-garlic-and-spring-bulbs-and-how-to-plant-them-successfully/>.
- Getting the lawn ready for winter. October 3, 2021. <https://www.eastidahonews.com/2021/10/getting-the-lawn-ready-for-winter/>.
- Common types of garden bugs and how to avoid getting bit by them. September 26, 2021. <https://www.eastidahonews.com/2021/09/common-types-of-garden-bugs-and-how-to-avoid-getting-bit-by-them/>.
- The why, when and how of dividing perennials. September 19, 2021. <https://www.eastidahonews.com/2021/09/the-why-when-and-how-of-dividing-perennials/>.
- Harvesting and getting the most out of your cucurbits. September 12, 2021. <https://www.eastidahonews.com/2021/09/harvesting-and-getting-the-most-out-of-your-cucurbits/>.
- Weeds – get them before it's too late. September 5, 2021. <https://www.eastidahonews.com/2021/09/weeds-get-them-before-its-too-late/>.
- The key to harvesting, curing and storing potatoes grown in your garden. August 29, 2021. <https://www.eastidahonews.com/2021/08/the-key-to-harvesting-curing-and-storing-potatoes-grown-in-your-garden/>.
- Harvesting, curing and storing onions from your garden. August 22, 2021. <https://www.eastidahonews.com/2021/08/harvesting-curing-and-storing-onions-from-your-garden/>.
- The difference between late and early blight and how to prevent it. August 15, 2021. <https://www.eastidahonews.com/2021/08/the-difference-between-late-and-early-blight-and-how-to-prevent-it/>.
- Curly top virus: Why tomatoes get infected and how to prevent it. August 8, 2021. <https://www.eastidahonews.com/2021/08/curly-top-virus-why-tomatoes-get-infected-and-how-to-prevent-it/>.

**SERVICE: Outreach Service: Popular Press: East Idaho News: (continued)**

What is blossom-end rot and what can be done about it? August 1, 2021.

<https://www.eastidahonews.com/2021/08/what-is-blossom-end-rot-and-what-can-be-done-about-it/>.

Tips for conserving water amid drought in eastern Idaho. July 25, 2021.

<https://www.eastidahonews.com/2021/07/tips-for-conserving-water-amid-drought-in-eastern-idaho/>.

Post Register Intermountain Farm & Ranch (circulation 90,000):

In the garden: Protect your lawn from snow mold with these tips. October 26, 2023.

In the garden: Reduce tillage to improve soil. October 12, 2023.

In the garden: Using cover crops to ensure soil health. September 28, 2023.

In the garden: Fall is a great time to think about soil health. September 14, 2023.

In the garden: Late blight and early blight. August 31, 2023.

In the garden: Fresh produce - here's what you need to know about harvest and storage. August 17, 2023.

In the garden: Timing is everything when picking tomatoes. August 7, 2023.

In the garden: Cabbage worms in garden? Here's what to do. July 20, 2023.

In the garden: Reminder: thin your fruit trees. July 10, 2023.

In the garden: Iron chlorosis? Here's what you need to know. June 22, 2023.

In the garden: Planting a shade garden? Here's what you need to know. June 8, 2023.

In the garden: Start your lawn out right. May 25, 2023.

In the garden: Controlling codling moths is all about timing. May 11, 2023.

In the garden: Winter burn is a common issue in Idaho. April 27, 2023.

War on Weeds: Poverty weed, July 16, 2021. Issue 2507, p. 2.

War on Weeds: White bryony, July 9, 2021. Issue 1506, p. 2.

War on Weeds: Spiny sowthistle, July 2, 2021. Issue 1505, p. 2.

War on Weeds: Buckhorn plantain, June 25, 2021. Issue 1504, p. 2.

War on Weeds: Musk thistle, June 18, 2021. Issue 1503, p. 2.

War on Weeds: Broadleaf plantain, June 11, 2021. Issue 1502, p. 2.

War on Weeds: Prostrate pigweed, June 4, 2021. Issue 1501, p. 2.

War on Weeds: Kochia, May 28, 2021. Issue 1500, p.2.

War on Weeds: Common lambsquarters, May 21, 2021. Issue 1499, p. 2.

War on Weeds: Cutleaf nightshade, May 14, 2021. Issue 1498, p. 2.

War on Weeds: Soil solarization, May 7, 2021. Issue 1497, p. 2.

War on Weeds: Yellow and white sweet clover, April 30, 2021. Issue 1496, p. 2.

War on Weeds: Yellow and desert alyssum, April 23, 2021. Issue 1495, p. 2.

War on Weeds: Lupine, April 16, 2021. Issue 1494, p. 2.

War on Weeds: Tansymustard and flixweed, April 9, 2021. Issue 1493, p. 2.

War on Weeds: Tumble mustard, April 2, 2021. Issue 1492, p. 2.

War on Weeds: Flame weeding, March 26, 2021. Issue 1491, p. 2.

War on Weeds: Oxalis, March 19, 2021. Issue 1490, p. 2.

War on Weeds: Cheatgrass, March 12, 2021. Issue 1489, p. 2.

War on Weeds: Medusahead, March 5, 2021. Issue 1488, p. 2.

War on Weeds: Integrated pest management, February 26, 2021. Issue 1487, p. 2.

War on Weeds: Bohemian and Japanese knotweed, February 19, 2021. Issue 1486, p. 2.

War on Weeds: Tansy ragwort, February 12, 2021. Issue 1485, p. 2.

War on Weeds: Toothed spurge, February 5, 2021. Issue 1484, p. 2.

War on Weeds: Bulbous bluegrass, January 29, 2021. Issue 1483, p. 2.

War on Weeds: Mayweed chamomile, January 22, 2021. Issue 1482, p. 2.

War on Weeds: Common tansy, January 15, 2021. Issue 1481, p. 2.

War on Weeds: Oxeye daisy, January 8, 2021. Issue 1480, p. 2.

War on Weeds: Yellow toadflax, January 1, 2021. Issue 1479, p. 2.

War on Weeds: Purple loosestrife, December 25, 2020. Issue 1478, p. 2.

War on Weeds: Water hemlock, December 18, 2020. Issue 1477, p. 2.

War on Weeds: Poison hemlock, December 11, 2020. Issue 1476, p. 2.

War on Weeds: Dyers woad, December 4, 2020. Issue 1475, p. 2.

**SERVICE: Outreach Service: Popular Press: Post Register Intermountain Farm & Ranch: (continued)**

- War on Weeds: Dalmatian toadflax, November 27, 2020. Issue 1474, p. 2.
- War on Weeds: Curlyleaf pondweed, November 20, 2020. Issue 1473, p. 2.
- War on Weeds: Common crupina, November 13, 2020. Issue 1472, p. 2.
- War on Weeds: Yellow starthistle, November 6, 2020. Issue 1471, p. 2.
- War on Weeds: Buffalobur, October 30, 2020. Issue 1470, p. 2.
- War on Weeds: Black henbane, October 23, 2020. Issue 1469, p. 2.
- War on Weeds: Henbit, October 16, 2020. Issue 1468, p. 2.
- War on Weeds: Cutleaf vipergrass, October 9, 2020. Issue 1467, p. 2.
- War on Weeds: Perennial sowthistle, October 2, 2020. Issue 1466, p. 2.
- War on Weeds: Plumeless thistle, September 25, 2020. Issue 1465, p. 2.
- War on Weeds: Rush skeletonweed, September 18, 2020. Issue 1464, p. 2.
- War on Weeds: Lambsquarters, September 11, 2020. Issue 1463, p. 2.
- War on Weeds: Hairy nightshade, September 4, 2020. Issue 1462, p. 2.
- War on Weeds: Purslane, August 28, 2020. Issue 1461, p. 2.
- War on Weeds: White clover, August 21, 2020. Issue 1460, p. 2.
- War on Weeds: Curlycup gumweed, August 14, 2020. Issue 1459, p. 2.
- War on Weeds: Redroot pigweed, August 7, 2020. Issue 1458, p. 2.
- War on Weeds: Annual sowthistle, July 31, 2020. Issue 1457, p. 2.
- War on Weeds: Spotted spurge, July 24, 2020. Issue 1456, p. 2.
- War on Weeds: Summer weed control, July 17, 2020. Issue 1455, p. 2.
- War on Weeds: Wild buckwheat, July 10, 2020. Issue 1454, p. 2.
- War on Weeds: Prostrate knotweed, July 3, 2020. Issue 1453, p. 2.
- War on Weeds: Common mallow. June 26, 2020. Issue 1452, p. 2.
- War on Weeds: Black medic. June 19, 2020. Issue 1451, p. 2.
- War on Weeds: Pineapple weed. June 12, 2020. Issue 1450, p. 2.
- War on Weeds: Puncturevine. June 5, 2020. Issue 1449, p. 2.
- War on Weeds: Leafy spurge. May 29, 2020. Issue 1448, p. 2.
- War on Weeds: Western salsify. May 22, 2020. Issue 1447, p. 2.
- War on Weeds: Houndstongue. May 15, 2020. Issue 1446, p. 2.
- War on Weeds: Common yarrow. May 8, 2020. Issue 1445, p. 2.
- War on Weeds: Canada thistle. May 1, 2020. Issue 1444, p. 2.
- War on Weeds: Hoary cress. April 24, 2020. Issue 1443, p. 2.
- War on Weeds: Field bindweed. April 17, 2020. Issue 1442, p. 2.
- War on Weeds: Bur buttercup. April 10, 2020. Issue unknown, p. 2.
- War on Weeds: Crabgrass. April 3, 2020. Issue 1441, p. 2.
- War on Weeds: Spring weed control. March 27, 2020. Issue 1440, p. 2.
- War on Weeds: Annual bluegrass. March 20, 2020. Issue 1439, p. 2.
- War on Weeds: Quackgrass. March 13, 2020. Issue 1438, p. 2.
- War on Weeds: White bryony. March 6, 2020. Issue 1437, p. 2.
- War on Weeds: Scotch thistle. February 28, 2020. Issue 1436, p. 2.
- War on Weeds: Yellow starthistle. February 21, 2020. Issue 1435, p. 2.
- War on Weeds: Spotted knapweed. February 14, 2020. Issue 1434, p. 2.
- War on Weeds: Russian knapweed. February 7, 2020. Issue 1433, p. 2.
- War on Weeds: Diffuse knapweed. January 31, 2020. Issue 1432, p. 2.
- War on Weeds: Bittersweet nightshade. January 24, 2020. Issue 1431, p. 2.
- War on Weeds: Virginia creeper. January 17, 2020. Issue 1430, p. 2.
- War on Weeds: Siberian elm. January 10, 2020. Issue 1429, p. 2.
- War on Weeds: Russian olive. January 3, 2020. Issue 1428, p. 2.
- War on Weeds: Cut stump. December 27, 2019. Issue 1427, p. 2.
- War on Weeds: Frill cut. December 20, 2019. Issue 1426, p. 2.
- War on Weeds: Basal bark. December 13, 2019. Issue 1425, p. 2.
- War on Weeds: Woody plant control. December 6, 2019. Issue 1424, p. 2.
- War on Weeds: Common chickweed. November 29, 2019. Issue 1423, p. 2.
- War on Weeds: Prickly lettuce. November 22, 2019. Issue 1422, p. 2.
- War on Weeds: Shepherd's purse. November 15, 2019. Issue 1421, p. 2.
- War on Weeds: Myrtle spurge. November 8, 2019. Issue unknown, p. 2.

**SERVICE: Outreach Service: Popular Press: Post Register Intermountain Farm & Ranch: (continued)**

War on Weeds: Musk thistle. November 1, 2019. Issue 1420, p. 2.

War on Weeds: Common mallow; get it while it's small. October 25, 2019. Issue 1419, p. 2.

War on Weeds: Redstem filaree; get it while it's small. October 18, 2019. Issue 1418, p. 2.

War on Weeds: Bull thistle is here and now is the time to wipe it out. October 11, 2019. Issue 1417, p. 2.

War on Weeds: Don't wait for biennials to flower in the spring. October 4, 2019. Issue 1416, p. 2.

War on Weeds: Get a jump on perennial weeds. September 2019. Issue 1415, p. 2.

War on Weeds: Fall weed control; Nip them in the bud. September 20, 2019. Issue 1414, p. 2.

## AgProud Idaho magazine:

Patterson, R.K. The Russian olive wake. July 2021. P. 24. <https://www.agproud.com/digital-edition/2021/07/viewer/desktop/#page/24>. Podcast <https://www.agproud.com/podcasts/podcast-a-russian-olive-wake-alfalfa-thrips-effective-dairy-management-and-flying-dogs-and-2-calves/>.

## Crops &amp; Soils magazine:

Shaffer, B., G. Cardon, E. Creech, J. Banks, J. Barnhill, D. Despain, J. Gale, C. Israelsen, B. Kitchen, M. Nelson, M. Pace, **R.K. Patterson** & C. Reid. Revisiting past recommendations for alfalfa nitrogen crediting for corn silage following alfalfa in Utah. Crops & Soils magazine. July 2019. p. 20.

## Bingham County Chronicle, Blackfoot, Idaho (circulation 2600):

Small, M. and **R.K. Patterson**. Sharing the road with patience and a kind smile. April 21, 2019.

## The Morgan County News, Morgan, Utah (circulation 2200):

Fall pasture management. November 2018.

Fall weed control. September 2018, 36<sup>th</sup> ed., vol. 95, p. 5.

The year of the grasshopper. July 13, 2018, 18<sup>th</sup> ed., vol. 95, p.6.

Let nature help you control your aphid problem. June 8, 2018, 23<sup>rd</sup> ed., vol. 95, p. 5.

Getting more out of your garden. April 13, 2018, 15<sup>th</sup> ed., vol. 95, p. 5.

Tree and shrub selection and planting guidelines. March 9, 2018, 10<sup>th</sup> ed., vol. 95, p. 10.

Russian olives are a serious weed. February 9, 2018, 6<sup>th</sup> ed., vol. 95, p. 4.

Houseplants. January 12, 2018, 2<sup>nd</sup> ed., vol. 95, p. 5.

Conservation practices: Integrated pest management. November 10, 2017, 45<sup>th</sup> ed., vol. 94, p. 5.

Conservation practices: Cover crops. 2017, 41<sup>st</sup> ed., vol. 94.

Conservation practices: Compost. September 8, 2017, 36<sup>th</sup> ed., vol. 94, p. 5.

Raising chickens: Is it worth it? August 11, 2017, 32<sup>nd</sup> ed., vol. 94, p. 6.

Prepare your animals for fair entries. July 14, 2017, 28<sup>th</sup> ed., vol. 94, p. 4.

Irrigation: Increase yield potential, conserve water. June 9, 2017, 23<sup>rd</sup> ed., vol. 94, p. 4.

Pasture management: The key to lowering your feed bill. May 12, 2017, 19<sup>th</sup> ed., vol. 94, p. 4.

Get a jump on those early weeds. March 10, 2017, 10<sup>th</sup> ed., vol. 94.

Look for good bugs. February 10, 2017, 6<sup>th</sup> ed., vol. 94, p. 7.

## Sun Advocate (circulation 5500):

Home & Garden: How to protect fruit trees from sunscald injury. December 8, 2016. p. 3A.

Home & Garden: Time to get your lawn ready for winter weather. October 11, 2016, p. 3A.

Landscape & gardening: Late season planting to get more crops, fewer weeds. August 4, 2016, p. 3A. [www.sunad.com/features/2016/08/landscape-gardening-late-season-planting-get-crops-fewer-weeds/](http://www.sunad.com/features/2016/08/landscape-gardening-late-season-planting-get-crops-fewer-weeds/).

Animals welcome at Carbon County fair. 2005 – 2016.

Home & Garden: Thinning the fruit on your trees. 2016. [www.sunad.com/features/2016/06/home-garden-thinning-fruit-trees/](http://www.sunad.com/features/2016/06/home-garden-thinning-fruit-trees/).

How to select plants for your landscape. 2016.

Landscape & gardening: Basic guidelines for spring pruning. February 18, 2016. p. 4A.

How to help your evergreens weather the winter. December 10, 2015, 99<sup>th</sup> ed., vol. 124, pp. 3A.

**SERVICE: Outreach Service: Popular Press: (continued)**

ETV 10 News (circulation 13,700):

- Alternative Crops. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Choosing a Garden Site. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Soil-the farmer's foundation. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Spring control of aphids in fruit trees. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Tree and shrub planting. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.

**Interview Articles:**

- Gardening gone online. Idaho Falls Magazine. May 2023. <http://read.uberflip.com/i/1498458-may-2023/26?>
- Egg-cellent surprise: Local family's hen lays giant eggs with another one inside. East Idaho News. October 6, 2022. <https://www.eastidahonews.com/2022/10/eggcellent-surprise-local-familys-hen-lays-giant-eggs-with-another-one-inside/>.
- Blackfoot rancher works to eliminate Russian olive from land. Intermountain farm & ranch. February 25, 2022. P. 1. [https://www.postregister.com/farmandranch/livestock/cattle/blackfoot-rancher-works-to-eliminate-russian-olives-from-land/article\\_55004ca5-faca-51ac-97ee-fca960f70e79.html](https://www.postregister.com/farmandranch/livestock/cattle/blackfoot-rancher-works-to-eliminate-russian-olives-from-land/article_55004ca5-faca-51ac-97ee-fca960f70e79.html).
- Weed tour surveys county weed population. Emery County Progress. September 19, 2017. P. 4B. Standard-Examiner. A closer look and Northern Utah's 5 most wanted weeds. Standard Examiner. June 2, 2017. [https://www.standard.net/lifestyle/a-closer-look-at-northern-utah-s-most-wanted-weeds/article\\_39580968-e789-5d55-bd8b-36410a3a8944.html](https://www.standard.net/lifestyle/a-closer-look-at-northern-utah-s-most-wanted-weeds/article_39580968-e789-5d55-bd8b-36410a3a8944.html).
- New ag expert to aid Morgan County in extension office. The Morgan County News. January 27, 2017, 4<sup>th</sup> ed., vol. 94, p. 4.
- USU Extension Bids Farewell to Long-time Employee. ETV 10 News. December 8, 2016. P. 3.
- Patterson to leave Carbon Extension for Weber-Morgan. Sun Advocate. November 24, 2016, pp. 1A-2A.

**Media Presentations:**

- Could the summer heat affect Idaho's crops this year? Local News 8. July 12, 2024. <https://localnews8.com/news/2024/07/12/could-the-summer-heat-affect-idahos-crops-this-year/>
- Local birch trees threatened by beetles. Local News 8. August 25, 2023. <https://localnews8.com/news/idaho/2023/08/25/local-birch-trees-threatened-by-beetles/>.
- Why egg prices are starting to decline. Local News 8. February 15, 2023. <https://localnews8.com/news/economy/2023/02/15/why-egg-prices-are-starting-to-decline/>.
- What to do with your leaves this fall. Local News 8. October 18, 2022. <https://localnews8.com/news/idaho-falls/2022/10/18/idaho-falls-leaf-collection-begins-monday-2/>.
- Chicken laying eggs inside eggs. Local News 8. October 5, 2022. <https://localnews8.com/life/animals/2022/10/05/chicken-laying-eggs-inside-eggs/>.
- This year's potato harvest is going "very well". Local News 8. October 3, 2022. <https://localnews8.com/news/agriculture/2022/10/03/this-years-potato-harvest-is-going-very-well/>.
- Potato harvest is in and the results are positive. Local News 8. 2021. <https://localnews8.com/news/agriculture/2021/10/20/potato-harvest-is-in-and-the-results-are-positive/>.
- Huckleberry secrets revealed. Local News 8. 2021. <https://localnews8.com/news/2021/08/18/huckleberry-secrets-revealed/>.
- How to maintain nature's balance in the garden. Fox 13's The PLACE. 2018. [http://fox13now.com/2018/06/11/\\_trashed-21/](http://fox13now.com/2018/06/11/_trashed-21/).
- 3 Plant problems Utah gardeners are dealing with and how to solve them. Fox 13's The PLACE. 2017. <http://fox13now.com/2017/08/01/3-plant-problems-utah-gardeners-are-dealing-with-and-how-to-solve-them/>.

**SERVICE: Outreach Service: (continued)****Applied Research/Demonstration Trials:**

- Patterson, R.K., D. Morishita, A. West, P. Hutchinson, S. Roberts, D. Callister and G. Loomis. Soil solarization weed control. 2020.
- Worwood, D.R., **R.K. Patterson**, C.V. Ransom and S.J. Price. Economics and efficacy of pre- and post-treatment of mechanically removed Russian olive. 2017 – 2018.
- Nischwitz, C., D.G. Alston, M. Pace, **R.K. Patterson** & S.H. Olsen. Role of potassium fertilizer in iris yellow spot virus symptom expression. 2017 – 2018.
- Curtis, K., C. Durward, K.M. Wagner, S. Prevedel, R.K. Patterson, C. Schaible & V. Pozo. Enhancing direct market fresh produce sales through multi-market pricing comparisons. 2017 – 2018.
- Creech, J.E., G. Cardon, J.V. Barnhill, J.A. Gale, C.E. Israelsen, B.M. Kitchen, R.M. Nelson, M. Pace, **R.K. Patterson** & C.R. Reid. Nitrogen (N) fertilizer needs of first- and second-year corn grown after alfalfa. 2016 – 2018.
- Allen, L.N., **R.K. Patterson**, & D.R. Worwood. Management of drip irrigation for saline soils in Utah. 2016 – 2017.
- Patterson, R.K. & D.R. Worwood. Effects of burying Russian olive roots after exposure due to mechanical removal. 2015 – 2018.
- Patterson, R.K. & D.R. Worwood. Russian olive root exposure and regrowth. 2015 – 2018.
- Patterson, R.K. & D.R. Worwood. Control methods for sucker re-growth of Russian Olive trees removed mechanically with no herbicide treatment. 2014 – 2018.
- Patterson, R.K. & D.R. Worwood. Time-of-year effects on cut-stump chemical control of Russian Olive trees. 2009 – 2016.

**Judging:**

- Open class horticulture exhibits, Bonneville County Fair, 2025.
- Open class horticulture exhibits, Bonneville County Fair, 2024.
- Poultry exhibits, Weber County Fair, 2018.
- Poultry exhibits, Morgan County Fair, 2017.
- Horticulture exhibits, Weber County Fair, Ogden, Utah, 2017.
- Fremont FFA public speaking career development event, Plain City, Utah, 2017.
- Horticulture exhibits, Sevier County Fair, Richfield, Utah, 2013 – 2016.
- 4-H and open class exhibits, Castle Dale, Utah, 2006–2016.

**Review Activities:**

- Promotion and tenure review, one review, Montana State University, 2025
- Promotion and tenure review, one review, Montana State University, 2022

## University of Idaho Extension FastTrack Peer Reviews:

- One bulletin, 2025.
- Five bulletins, 2024
- Two bulletins, 2023.
- One bulletin, 2022
- One bulletin update, 2020.
- Three bulletins, 2020.
- Two bulletins, 2019.

## Utah State University Extension FastTrack Peer Reviews:

- Discover 4-H: Astronomy, 2018.
- Prevent the spread of Medusahead, 2018.
- The Curse of Medusahead, 2018.

**Community Service:**

- The Church of Jesus Christ of Latter-day Saints stake finance clerk. 2021 – present.
- School District 91 Career Day with UI recruiters, March 7, 2022.
- Young Men's Presidency 1<sup>st</sup> Counselor/Varsity Scout Coach, Willard 4<sup>th</sup> Ward, The Church of Jesus Christ of Latter-day Saints, 2017 – 2018.

**SERVICE: Outreach Service: Community Service: (continued)**

FFA Career Development Speaking Event Judging, Fremont FFA Chapter, Plain City, Utah. January 19, 2017.

Carbon County Food Bank--Community Garden, Price, Utah. February 2015 - December 2016.

Castle Valley Community Theater

President, 2015 – 2016

Board Member, 2008 – 2016.

Elders Quorum President, Price 3<sup>rd</sup> Ward, The Church of Jesus Christ of Latter-day Saints, 2013 – 2016.

**PROFESSIONAL DEVELOPMENT:****Teaching:**

Cloudy County Community Call—MS teams training, online training, October 8, 2025.

Cloudy County Community Call—MS teams training, online training, September 10, 2025.

Cloudy County Community Call—MS teams training, online training, August 13, 2025.

Cloudy County Community Call—MS teams training, online training, June 11, 2025.

Cloudy County Community Call—MS teams training, online training, May 14, 2025.

Cloudy County Community Call—MS teams training, online training, March 12, 2025.

Cloudy County Community Call—MS teams training, online training, February 12, 2025.

University of Idaho CCTS: Zoom in a bit – Zoom clips, online training, February 10, 2025.

University of Idaho CCTS: Zoom in a bit – Zoom AI companion, online training, January 13, 2025.

University of Idaho CCTS: Zoom in a bit – Zoom workplace, online training, January 13, 2025.

Cloudy County Community Call—MS teams training, online training, January 8, 2025.

Cloudy County Community Call—MS teams training, online training, December 11, 2024.

Cloudy County Community Call—MS teams training, online training, June 12, 2024.

Cloudy County Community Call—MS teams training, online training, May 8, 2024.

Cloudy County Community Call—MS teams training, online training, January 10, 2024.

Cloudy County Community Call—MS teams training, online training, December 13, 2023.

Cloudy County Community Call—MS teams training, online training, October 11, 2023.

Cloudy County Community Call—MS teams training, online training, July 12, 2023.

Cloudy County Community Call—MS teams training, online training, May 10, 2023.

Cloudy County Community Call—MS teams training, online training, January 11, 2023.

Cloudy County Community Call—MS teams training, online training, December 14, 2022.

Teams Training—David Callister, online training, November 14, 2022.

Cloudy County Community Call—MS teams training, online training, November 9, 2022.

Cloudy County Community Call—MS teams training, online training, October 12, 2022.

University of Idaho—how to develop a survey, February 15, 2022.

Zoom: what is changed and what is coming, online training, September 16, 2021.

Zoom class management, online training, January 9, 2020.

Zoom class technology training, Idaho Falls, Idaho, November 6, 2019.

Different generations in the workplace, online training, November 4, 2019.

Teaching for learning, online training, October 18, 2019.

**Scholarship:**

Eastern District curriculum vitae training, online webinar, September 25, 2025.

National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Billings, Montana, June 29 – July 3, 2025.

University of Idaho Extension: AI text generation for Extension, online training, June 11, 2025.

NACAA 365: scholarship eligibility, criteria and tips, online training, March 20, 2024.

Eastern District; group 2 training, March 10, 2021.

University of Idaho Extension, Grants and gifts: the dos and don'ts, online training, March 8, 2021.

NACAA 365: award winning posters, online training, January 27, 2021.

Eastern District professional development workshop, online training, January 26, 2021.

Curriculum vitae training, online training, October 8, 2020.

Tenure and promotion training, Idaho Falls, Idaho, March 20, 2020.

New Employee training, Blackfoot, Idaho, March 12, 2020.

FastTrack and the peer referee process, online training, February 3, 2020.

**PROFESSIONAL DEVELOPMENT: Scholarship: (continued)**

Grants for research and scholarship, online training, November 8, 2019.  
 Ten tips for promotion or tenure success, online training, September 27, 2019.  
 Eastern District professional development workshop, Pocatello, Idaho, September 23–24, 2019.  
 What I need to succeed, online training, September 20, 2019.

**Outreach:**

Eastern District 2025 annual performance evaluation and conflict of interest training, online webinar, September 25, 2025.  
 Eastern District faculty professional development, Salmon, Idaho, September 16 – 17, 2025.  
 2025 Ag Talk Tuesday, online webinar, June 3, 2025.  
 Cultivating healthy plants: growing honeyberries in the mountain west, online webinar, May 15, 2025.  
 2025 Ag Talk Tuesday, online webinar, May 6, 2025.  
 Eastern District faculty professional development, Blackfoot, Idaho, April 16, 2025.  
 University of Idaho Extension Annual Conference, Boise, Idaho, April 8 – 11, 2025.  
 Cultivating healthy plants: water conservation and integrated pest management: synergies for sustainable agriculture, online webinar, March 27, 2025.  
 Soil health workshop, Rexburg, Idaho, Mar 25, 2025.  
 Idaho Ag Outlook Summit, Zoom conference, December 18, 2024.  
 Cultivating healthy plants: the secret lives of gall makers, online webinar, November 21, 2024.  
 Cultivating healthy plants: lawns that give more than they take, online webinar, October 24, 2024.  
 Eastern District faculty professional development, Fort Hall, Idaho, October 8 – 9, 2024.  
 National Association of County Agricultural Agents Chad Reid Western Professional Improvement Conference, Sandpoint, Idaho, September 23 – 25, 2024.  
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Dallas, Texas, July 14 – 18, 2024.  
 Horticulture and small farms PET in-service, Donnelly, Idaho, July 9 – 11, 2024.  
 2024 Ag Talk Tuesdays, online training, July 2, 2024.  
 Idaho Association of County Agricultural Agents, professional development meeting, Albion Idaho, June 5, 2024.  
 2024 Ag Talk Tuesdays, online webinar, June 4, 2024.  
 2024 Ag Talk Tuesdays, online webinar, May 21, 2024.  
 Forage field day, Aberdeen, Idaho, May 14, 2024.  
 2024 Ag Talk Tuesdays, online webinar, May 7, 2024.  
 Eastern District faculty professional development, Idaho Falls, Idaho, April 25, 2024.  
 University of Idaho Extension Annual Conference, Moscow, Idaho, April 8 – 11, 2024.  
 Cultivating healthy plants: lawns that give more than they take, online webinar, March 28, 2024.  
 Cultivating healthy plants: managing borers and bark beetles, online webinar, February 1, 2024.  
 Farm Succession training, Tremonton, Utah, January 30, 2024.  
 Idaho Ag Outlook Summit, Zoom conference, December 12, 2023.  
 Pesticide applicator training, Zoom, December 6, 2023.  
 Cultivating healthy plants: How insects work and how to manage them, online webinar, November 30, 2023.  
 Eastern District faculty professional development, Swan Valley, Idaho, September 20 – 21, 2023.  
 Horticulture and small farms PET in-service, Twin Falls, Idaho, September 12 – 13, 2023.  
 Jefferson Soil & Water Conservation District conservation field day, Rigby, Idaho, August 24, 2023.  
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Des Moines, Iowa, August 13 – 18, 2023.  
 Cereal field day, Idaho Falls, Idaho, July 19, 2023.  
 2023 Ag Talk Tuesdays, online webinar, July 18, 2023.  
 Weed management tour, Aberdeen, Idaho, June 27, 2023.  
 2023 Ag Talk Tuesdays, online webinar, June 20, 2023.  
 2023 Ag Talk Tuesdays, online webinar, June 6, 2023.  
 Top 3 biosecurity tips for small acreage livestock owners, online training, May 23, 2023.  
 Non-target herbicide injury in the urban environment, online training, May 11, 2023.  
 Eastern District faculty professional development, Pocatello, Idaho, April 27, 2023.  
 University of Idaho Extension Annual Conference, Sun Valley, Idaho, April 10 – 13, 2023.

**PROFESSIONAL DEVELOPMENT: Outreach: (continued)**

Preventing water stress in trees, online webinar, April 6, 2023.  
 High tunnel workshop, Rigby, Idaho, March 23, 2023.  
 Soil health workshop—Conservation District, Idaho Falls, Idaho, February 8, 2023.  
 Worker protection standards—Idaho State Department of Agriculture, online training—train the trainer, February 1, 2023.  
 Institutional Review Board Certification, January 6, 2023.  
 Statewide Training for Succession Planning, Twin Falls, Idaho, November 7-8, 2022.  
 Eastern District faculty professional development, Preston, Idaho, November 2-3, 2022.  
 Cultivating healthy plants: plant pathology, predictive diagnostics for plant diseases, Zoom webinar, October 20, 2022.  
 Idaho 4-H, Monthly meetup, Zoom meeting, October 12, 2022.  
 University of Idaho Eastern District 4-H meeting, online training, October 3, 2022.  
 Idaho 4-H, County chair conversations, Zoom meeting, September 26, 2022.  
 2022 Ag Talk Tuesdays, online training, August 2, 2022.  
 EISF Fair Entry training, online training, July 28, 2022.  
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, West Palm Beach, Florida, July 17 – 21, 2022.  
 2022 Ag Talk Tuesdays, online training, July 5, 2022.  
 2022 Ag Talk Tuesdays, online training, June 7, 2022.  
 Eastern District 4-H monthly training, Zoom meeting, June 6, 2022.  
 Idaho 4-H, ARPA grant training, Zoom meeting, May 2, 2022.  
 Eastern District faculty professional development, Blackfoot, Idaho, April 27, 2022.  
 University of Idaho Extension Annual Conference, Moscow, Idaho, April 11 – 14, 2022.  
 Idaho 4-H, ARPA grant training, Zoom meeting, April 4, 2022.  
 Idaho 4-H, County chair conversations, Zoom meeting, March 16, 2022.  
 NACAA website overview, Zoom meeting, January 12, 2022.  
 Eastern District 4-H training, Rigby, Idaho, January 11, 2022.  
 Idaho Ag Outlook Summit, Zoom conference, December 13 – 16, 2021.  
 Idaho 4-H, Monthly meetup, Zoom meeting, December 15, 2021.  
 Pesticide applicator training, online training, December 7, 2021.  
 Priority Extension Theme: Food Production Systems, Zoom meeting, December 3, 2021.  
 Idaho 4-H, Monthly meetup, Zoom meeting, November 19, 2021.  
 Utah State University Extension, Cider apple production in the intermountain west, online training, November 18, 2021.  
 Eastern District faculty professional development, Challis, Idaho, September 28 – 29, 2021.  
 Farm business management in-service, Albion, Idaho, September 23, 2021.  
 Jefferson Soil & Water Conservation District project tour, Jefferson County, Idaho, September 15, 2021.  
 U of I branding guidelines and resources for UI Extension, online training, September 13, 2021.  
 Horticulture in-service, Caldwell and Parma, Idaho, July 19 – 20, 2021.  
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, online training, July 6 – 9, 2021.  
 Fremont County Resource Conservation and Development project tour, St Anthony, Idaho, June 29, 2021.  
 2021 Ag Talk Tuesdays, online training, May 18, 2021.  
 2021 Ag Talk Tuesdays, online training, May 4, 2021.  
 Eastern District faculty professional development, Idaho Falls, Idaho, April 27, 2021.  
 Eastern District 4-H training, Rigby, Idaho, April 26, 2021.  
 University of Idaho Extension Annual Conference, online training, April 13 – 15, 2021.  
 Cultivating Success: white rot in garlic and onion, online training, March 30, 2021.  
 Utah State University Wildland Stories: biochar, online training, March 26, 2021.  
 Henry's Fork Watershed Council, project updates, online training, March 9, 2021.  
 NRCS Soil Health Roundtable, online training, February 4, 2021.  
 Eastern Idaho cereal school, online training, February 3, 2021.  
 Western SARE: Instrument training, online training, January 22, 2021.  
 Western SARE: Instrument training, online training, January 15, 2021.  
 Western Cover Crop Council: cover crop seminar series, online training, December 17, 2020.

**PROFESSIONAL DEVELOPMENT: Outreach: (continued)**

Pesticide Applicator Training: worker protection standards/chemigation, online training, December 16, 2020.

Idaho Ag Outlook Summit, Zoom conference, December 15 – 17, 2020.

Western Cover Crop Council: cover crop seminar series, online training, December 10, 2020.

Henry's Fork Watershed Council Annual Watershed Conference, online training, December 8, 2020.

Connect Extension: video production in Cooperative Extension, online training, December 3, 2020.

National Association of 4-H Youth Development Professionals annual conference, online training, October 19 – 22, 2020.

Eastern District professional development, online training, October 6 – 7, 2020.

National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference (NACAA AM/PIC), online training, September 28 – October 1, 2020.

Idaho Association of County Agricultural Agents, professional development meeting, online training, September 23, 2020.

2020 Ag Talk Tuesdays, online training, August 18, 2020.

No-till field tour, Montevue, Idaho, July 9, 2020.

Virtual weed tour, online training, July 7, 2020.

2020 Ag Talk Tuesdays, online training, May 16, 2020.

2020 Ag Talk Tuesdays, online training, May 5, 19, 2020.

University of Idaho Extension Annual Conference, online training, April 14 – 16, 2020.

SiteCore Training, online training, April 10, 2020.

Anheuser Busch: Organic barley production, Idaho Falls, Idaho, March 9, 2020.

Natural Resources Conservation Service: Project implementation producer meeting, Idaho Falls, Idaho, March 4, 2020.

Pesticide Applicator Training: Chemigation, Mud Lake, Idaho, February 28, 2020.

SiteCore Training, online training, February 10, 2020.

Natural Resources Conservation Service soil health workshop, Idaho Falls, Idaho, February 4, 2020.

Utah State University forestry webinar: Soil management for urban trees, online training, January 14, 2020.

Idaho Ag Outlook Summit, Idaho Falls, December 10, 2019.

Utah State University forestry webinar: Practical aspects of tree selection for high desert climates, online training, December 3, 2019.

NACAA AM/PIC, Fort Wayne, Indiana, September 8 – 12, 2019.

Rose propagation, Aberdeen, Idaho, August 28, 2019.

New employee orientation, Moscow, Idaho, August 19 – 21, 2019.

Horticulture in-service, Idaho Falls and Aberdeen, Idaho, July 17 – 18, 2019.

Idaho Association of County Agricultural Agents, professional development meeting, Rexburg, Idaho, June 10 – 11, 2019.

Eastern District faculty professional development, Rigby, Idaho, April 30, 2019.

Impact evaluation workshop, Rupert, Idaho, April 24, 2019.

Rose pruning, Aberdeen, Idaho, April 12, 2019.

Natural Resources Conservation Service soil health workshop, Idaho Falls, Idaho, March 4, 2019.

Utah State University forestry webinar: Canker diseases, online training, April 2, 2019.

University of Idaho Extension annual conference, Idaho Falls, Idaho, March 25 – 28, 2019.

RiversEdge West riparian restoration conference, Phoenix, Arizona, February 2 – 5, 2019.

Idaho range livestock symposium, Rexburg, Idaho, January 10, 2019.

Thrips identification training, Rupert, Idaho, January 9, 2019.

Idaho Ag Outlook Summit, Idaho Falls, December 11, 2018.

Bonneville County active shooter training, Idaho Falls, Idaho, December 7, 2018.

Priority extension themes plan of work development workshop, Boise, Idaho, November 27 – 29, 2018.

NACAA Western Region professional improvement conference, Cody, Wyoming, October 22 – 23, 2018.

Utah State University Extension Northern Region faculty meeting, Kaysville, Utah, October, 2018.

NACAA AM/PIC, Chattanooga, Tennessee, July 29 – August 2, 2018.

Natural Resources Conservation Service water quality field day, Morgan, Utah, June 19, 2018.

Agricultural water conservation irrigation workshop and field day, central Utah, June 13 – 14, 2018.

Utah Association of County Agricultural Agents (UACAA) summer professional improvement conference, Heber City, Utah, June 12 – 13, 2018.

Pasture management field day, North Logan, Utah, June 7, 2-18.

**PROFESSIONAL DEVELOPMENT: Outreach: (continued)**

Utah State University Extension Northern Region faculty meeting, Kaysville, Utah, May 14, 2018.  
 Stock and flock webinar, online training, May 3, 2-18.  
 Live video training, Kaysville, Utah, April 19, 2018.  
 Dairy robot field day, Logan, Utah, April 18, 2018.  
 Prepping for a healthy fruit harvest, online training, March 13, 2018.  
 Utah State University Extension annual conference, Lehi, Utah, February 26 – 28, 2018.  
 Utah Plant Pest Diagnostic Laboratory in-service, Lehi, Utah, February 26, 2018.  
 Tamarisk Coalition riparian restoration conference, Grand Junction, Colorado, February 6 – 7, 2018.  
 Northern Utah fruit growers, Brigham City, Utah, February 1, 2018.  
 7 habits for managers, Ogden, Utah, January 9, 2018.  
 NACAA Western Region professional development conference, Albuquerque, New Mexico, October 24 – 25, 2017.  
 Utah State University Extension Northern Region faculty meeting, Kaysville, Utah, October 2017.  
 NACAA AM/PIC, Salt Lake City, Utah, July 9 – 13, 2017.  
 UACAA summer professional improvement conference, Provo, Utah, June 2017.  
 Utah State University Extension Northern Region faculty meeting, Kaysville, Utah, May 2017.  
 Utah State University Extension annual conference, Logan, Utah, February 28 – March 2, 2017.  
 Utah 4-H in-service, St George, Utah, November 2016.  
 Utah State University Extension Northern Region faculty meeting, Brigham City, Utah, October 2016.  
 Utah State University Extension Southern Region faculty meeting, Nephi, Utah, October 2016.  
 NACAA AM/PIC, Little Rock, Arkansas, July 24 – 28, 2016.  
 UACAA summer professional improvement conference, Kaysville, Utah, June 2016.  
 Utah State University Extension Southern Region faculty meeting, Nephi, Utah, May 11, 2016.  
 Utah State University Extension annual conference, Logan, Utah, March 1 – 3, 2016.  
 Utah 4-H in-service, St George, Utah, November 18, 2015.

**Administration/Management:**

University of Idaho: all employee required training, August 6, 2025.  
 University of Idaho Extension: county chair training, Boise, Idaho, April 8, 2025.  
 Civil rights review training, online training, March 24, 2025.  
 Creating your own report in Digital Measures, online training, October 18, 2023.  
 Digital Measures Reporting, online training, October 5, 2023.  
 Eastern district annual performance evaluation training, online training, September 28, 2023.  
 Digital Measures training, online training, September 22, 2023.  
 Statewide county chair training, Idaho Falls, Idaho, September 19 – 20, 2023.  
 Digital detoxing, online training, May 2, 2023.  
 Now and Later: living in the moment and creating a hopeful future, March 30, 2023.  
 Jaggaer training, online training, March 24, 2023.  
 Academic Impressions training, online training, 2023.  
 Managing priorities to match your purpose, online training, January 23, 2023.  
 University of Idaho protecting minors training, online training, October 19, 2022.  
 University of Idaho annual diversity/inclusion/harassment training, online training, October 21, 2022.  
 Digital Measures training, online training, October 11, 2022.  
 University of Idaho Eastern District evaluation training, online training, September 29, 2022.  
 Dave Grange follow-up, Zoom meeting, June 8, 2022.  
 University of Idaho, Minimizing unconscious bias on committees, online training, November 18, 2021.  
 University of Idaho, UI Search Committee Training, online training, November 18, 2021.  
 University of Idaho Extension, County chair training, online training, May 24, 2021.  
 Civil rights review, Idaho Falls, Idaho, April 6, 2021.  
 OneDrive, online training, February 11, 2021.  
 The art of giving and receiving constructive feedback, online training, November 18, 2020.  
 Effective advisory committees, online training, October 5, 2020.  
 Digital Measures training, online training, June 16, 2020.  
 Maintaining your county Extension office civil rights file, online training, May 28, 2020.  
 County memorandum of understanding and budget planning, online training, April 28, 2020.  
 MS Teams communication and collaboration, online training, April 16, 2020.

MS Teams, online training, April 9, 2020.

**PROFESSIONAL DEVELOPMENT: Administration/Management: (continued)**

4HYD: virtual communications & resources, online training, March 31 – May 5 (weekly), 2020.

Idaho 4-H: AmeriCorps volunteer questions, online training, March 26, 2020.

Idaho 4-H county director training, online training, January 30, 2020.

Idaho 4-H regional training, Idaho Falls, Idaho, January 28, 2020.

Personnel management dos and don'ts, Jerome, Idaho, June 5, 2019.

4-H county chair training, online training, May 1, 2019.

Bonneville County payroll training, Idaho Falls, Idaho, January 31, 2019.