

CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

NAME: Thomas A. Jacobsen

DATE: October 31, 2023

RANK OR TITLE: Assistant Professor/Extension Educator

DEPARTMENT: University of Idaho Extension, East District

OFFICE LOCATION: University of Idaho Extension, Fremont County
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DATE OF FIRST EMPLOYMENT AT UI: July 11, 2022

DATE OF TENURE: Untenured

DATE OF PRESENT RANK OR TITLE: July 11, 2022

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

M.S., 2020, Agriculture Education, University of Idaho, Moscow, Idaho.

B.S., 2002, Agriculture Education, Utah State University, Logan, Utah.

A.S., 1999, Animal Science, Ricks College, Rexburg, Idaho.

Additional Coursework for Credit:

Certificates and Licenses:

Idaho State Department of Agriculture, Professional Pesticide Statewide Consultant, 2022-present.

Idaho State Department of Agriculture, Professional Pesticide Agriculture Herbicide, 2022-present.

Idaho State Department of Agriculture, Professional Pesticide Ornamental Herbicide, 2022-present.

Idaho State Department of Agriculture, Professional Pesticide Core Competency, 2022-present.

Idaho State Department of Education, Secondary Teaching Certificate, 2006-present.

EXPERIENCE:

Teaching, Extension and Research Appointments:

Assistant Extension Professor and County Extension Educator, University of Idaho Extension, Fremont County, St. Anthony, Idaho, 2022-present.

Academic Administrative Appointments:

County Chair, University of Idaho Extension, Fremont County, St. Anthony, Idaho, 2022-present.

Non-Academic Employment including Armed Forces:

Agricultural Science and Technology Teacher, North Fremont High School, Ashton, Idaho, 2006-2022.

Agricultural Science and Technology Teacher, Worland High School, Worland, Wyoming, 2004-2006.

Agricultural Science and Technology Teacher, Valley Union High School, Elfrida, Arizona, 2002-2004.

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:**

Food Production Systems
 Horticulture and Small Farms
 4-H Youth Development
 Integrated Pest Management

Materials Developed:**Video Productions:**

Jacobsen, T. and R. Patterson. 2023 Beginning master gardener plant anatomy. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.
Jacobsen, T. and J. Thomas. Managing weeds in cereal grains. University of Idaho College of Agriculture and Life Sciences YouTube channel. 2023.

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

Jacobsen, T. and R. Hillman, Soils and land evaluation, Sugar City, Idaho, September 18, 2023.
Jacobsen, T., J. Spackman, and J. Gibbons, Lime study seed potato harvest and grading, September 13, 2023.
Jacobsen, T. and R. Hillman, Soils and land evaluation, Sugar City, Idaho, September 7, 2023.
Jacobsen, T. and R. Hillman, Soils and land evaluation, Sugar City, Idaho, August 24, 2023.
 Jacobsen, T. Managing weeds in new alfalfa, Preston, Idaho, March 2, 2023.
 Jacobsen, T. Managing weeds in new alfalfa, St. Anthony, Idaho, March 1, 2023.
 Jacobsen, T. Managing weeds in new alfalfa, Idaho Falls, Idaho, March 1, 2023.
 Jacobsen, T. Managing weeds in new alfalfa, Mud Lake, Idaho, March 1, 2023.
 Jacobsen, T. Weed management in cereal grains, Burley, Idaho, February 7, 2023.
 Jacobsen, T. Weed management in cereal grains, Pocatello, Idaho, February 8, 2023.
 Jacobsen, T. Weed management in cereal grains, Idaho Falls, Idaho, February 9, 2023.
 Jacobsen, T. Weed management in cereal grains, St. Anthony, Idaho, February 9, 2023.
 Jacobsen, T. Raising backyard chickens, Ashton, Idaho, February 9, 2023.
 Jacobsen, T. Weed management in cereal grains, Preston, Idaho, February 10, 2023.
 Jacobsen, T. Weed management in cereal grains, Grace, Idaho, February 10, 2023.

Horticulture and Small Farms

Jacobsen, T., Pruning, Ashton, Idaho, October 18, 2023.
 Jacobsen, T., Soils, fertilizers, and amendments, St. Anthony, Idaho, October 12, 2023.
 Patterson, R. and **T. Jacobsen**, Plant talk, Zoom Presentation, August 22, 2023.
 Jacobsen, T., Storing fresh vegetables, Zoom Presentation, August 22, 2023.
 Jacobsen, T., Rotary park, St. Anthony, Idaho, August 22, 2023.
 Patterson, R. and **T. Jacobsen**, Plant talk, Zoom Presentation, June 27, 2023.
 Jacobsen, T., Summer weed control, Zoom Presentation, June 27, 2023.
 Jacobsen, T., Water conservation, Rexburg, Idaho, 2 sessions, June 23, 2023.
 Jacobsen, T., Drip irrigation, Ashton, Idaho, June 22, 2023.
 Jacobsen, T., Gardening, Ashton, Idaho, May 27, 2023.
 Jacobsen, T., Soils, fertilizers, and amendments, Ashton, Idaho, May 11, 2023.
 Jacobsen, T., Xeriscape and firewise landscaping, Ashton, Idaho, April 6, 2023.
 Jacobsen, T., High-Altitude Victory Gardens fruits and berries, Zoom Presentation, April 5, 2023.
 Jacobsen, T., Beginning gardening, St. Anthony, Idaho, March 18, 2023.
 Jacobsen, T., Beginning gardening, Idaho Falls, Idaho, 3 sessions, March 11, 2023.
 Jacobsen, T. Pruning, Ashton, Idaho, March 9, 2023.

- Jacobsen, T., Idaho Master Gardener Program plant anatomy, Zoom Presentation, January 18, 2023.
- Patterson, R. and **Jacobsen, T.**, Plant talk, Zoom Presentation, September 27, 2022.
- Patterson, R., Finley, R., and **Jacobsen, T.**, Plant talk, Zoom Presentation, August 23, 2022.
- Jacobsen, T. Reducing water usage, Zoom Presentation, August 23, 2022.

4-H Youth Development

- Jacobsen, T. and A. Bennion, Employment Skills, Ashton, Idaho, October 11, 2023.
- Jacobsen, T., Insects, St. Anthony, Idaho, September 14, 2023.
- Jacobsen, T., Insects, St. Anthony, Idaho, September 6, 2023.
- Jacobsen, T., Gardening, St. Anthony, Idaho, August 2, 2023.
- Jacobsen, T., Gardening, St. Anthony, Idaho, July 19, 2023.
- Jacobsen, T., Insects, St. Anthony, Idaho, July 13, 2023.
- Jacobsen, T.**, E. O'Shia, E., D. Miller, and K. Lusk, Advanced rocketry, St. Anthony, Idaho, July 11, 2023.
- O'Shia, E., D. Miller, **T. Jacobsen**, and K. Lusk, Beginning rocketry, St. Anthony, Idaho, July 11, 2023.
- O'Shia, E., D. Miller, **T. Jacobsen**, and K. Lusk, Ashton STEM day, Ashton, Idaho, 4 sessions, July 6, 2023.
- Jacobsen, T., Insects, St. Anthony, Idaho, June 29, 2023.
- Jacobsen, T., Leatherworking, St. Anthony, Idaho, June 28, 2023.
- Jacobsen, T., Gardening, St. Anthony, Idaho, June 21, 2023.
- Jacobsen, T., Foraging in wildlands, Ashton, Idaho, 7 sessions, June 20, 2023.
- Jacobsen, T.**, Gibbons, J., Plant scavenger hunt, Alpine, Wyoming, 4 sessions, June 15, 2023.
- Jacobsen, T.**, Gibbons, J., Plant scavenger hunt, Alpine, Wyoming, 4 sessions, June 14, 2023.
- Jacobsen, T., Gardening, St. Anthony, June 6, 2023.
- Jacobsen, T., Gardening, St. Anthony, Idaho, May 24, 2023.
- Jacobsen, T., Ashton ag days sheep and wool, Ashton, Idaho, 10 sessions, May 4, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, Island Park, Idaho, April 24, 2023.
- Jacobsen, T., Connecting with your audience, Lava Hot Springs, Idaho, April 22, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, Parker, Idaho, March 28, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Art, Island Park, Idaho, March 27, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, Ashton, Idaho, March 24, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, Parker, Idaho, March 21, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, Parker, Idaho, March 14, 2023.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Gardening, St. Anthony, Idaho, 2 Sessions, March 9, 2023.
- Jacobsen, T., Running effective meetings, St. Anthony, Idaho, February 23, 2023.
- Jacobsen, T., Parliamentary procedure, Ashton, Idaho, January 25, 2023.
- Jacobsen, T., Recordkeeping, Ashton, Idaho, January 24, 2023.
- Jacobsen, T., Participating in meetings, Rigby, Idaho, January 10, 2023.
- Jacobsen, T., Running effective meetings, Soda Springs, Idaho, January 6, 2023.
- Jacobsen, T., Running effective meetings, Montpelier, Idaho, January 6, 2023.
- Jacobsen, T., Employment skills, St. Anthony, Idaho, 2 sessions, December 20, 2022.
- Jacobsen, T., CNC tools, Ashton, Idaho, December 19, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, How snow is made, St. Anthony, Idaho, December 16, 2022.
- Jacobsen, T., Parliamentary procedure, Ashton, Idaho, December 9, 2022.
- Jacobsen, T.**, and S. Sagers, Building bat boxes, Ashton, Idaho, December 8, 2022.
- Jacobsen, T., Employment skills, St. Anthony, Idaho, 2 sessions, December 6, 2022.
- Jacobsen, T., Woodshop, Ashton, Idaho, November 16, 2022.
- Jacobsen, T., Building an adirondack chair, Ashton, Idaho, October 21, 2022.
- Jacobsen, T., Business communications, St. Anthony, Idaho, October 14, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Halloween day camp, St. Anthony, Idaho, October 13, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Lego robotics, St. Anthony, Idaho, October 5, 2022.

- O'Shia, E., D. Miller, and **T. Jacobsen**, Lego robotics, St. Anthony, Idaho, October 3, 2022
- O'Shia, E., D. Miller, and **T. Jacobsen**, Lego robotics, St. Anthony, Idaho, September 28, 2022
- O'Shia, E., D. Miller, and **T. Jacobsen**, Lego robotics, St. Anthony, Idaho, September 26, 2022
- O'Shia, E., D. Miller, and **T. Jacobsen**, Ice cream in a bag, St. Anthony, Idaho, September 23, 2022.
- O'Shia, E., **T. Jacobsen**, and D. Miller, Pressing leaves, St. Anthony, Idaho, 4 sessions, September 22, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Cake decorating, St. Anthony, Idaho, July 20, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Cake decorating, St. Anthony, Idaho, July 19, 2022.
- O'Shia, E., D. Miller, and **T. Jacobsen**, Ice cream field day, St. Anthony, Idaho, July 14, 2022.

Integrated Pest Management

- Jacobsen, T.**, D. Callister, R. Findlay, J. Sagers, B. Henderson, R. Hirnyck, Pesticide applicator training, Zoom Presentation, December 7, 2022.

SCHOLARSHIP ACCOMPLISHMENTS:

Description of personal contributions

a. Graduate work

* 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:

Other:

University of Idaho Extension Impact Statements:

Loomis, G., J. Spackman, R. Findlay, J. Sagers, J. Hatch, and **T. Jacobsen**. 2023. Malt barley yield and grain metabolite response to nitrogen and sulfur. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2023/30-23-gloomis-barley-yield.pdf>.

Jacobsen, T., R. Patterson, B. Henderson, R. Findlay, J. Gibbons, K. Tate, J. Werlin, and A. West. 2023. Regional Master Gardener Convention returns to Rexburg. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2023/28-23-tjacobsen-garden-convention.pdf>.

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. <https://www.uidaho.edu/-/media/UIIdaho-Responsive/Files/Extension/admin/Impacts/2023/33-23-jhatch-cereal-school.pdf>.

Scholarly Presentations and Other Creative Activities:

Displays and Posters:

Mookodi, K., J. Spackman, J. Sagers, **T. Jacobsen**, K. Schroeder, and J. Bevan. 2023. First-year evaluation of precipitated calcium carbonate as a lime amendment in eastern Idaho. UI Extension Annual Conference. Sun Valley, Idaho.

Professional Meeting Papers, Workshops:

Spackman, J., J. Bevan, J. Sagers, and **T. Jacobsen**. 2023. Precipitated calcium carbonate as a lime amendment in southern Idaho soils. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America Annual Meetings. St. Louis, Missouri.

Jacobsen, T. 2023. Running effective meetings. Idaho Association of County Agriculture Agents, Idaho Association of County Agriculture Agents Annual Summer Meeting. Rigby, Idaho.

Mookodi, K., J. Spackman, J. Sagers, **T. Jacobsen**, K. Schroeder, and J. Bevan. 2023. First-year evaluation of precipitated calcium carbonate as a lime amendment in eastern Idaho. Western Nutrient Management Conference. Reno, Nevada.

Patents:**Grants and Contracts Awarded:**

Roberson, D. and **T. Jacobsen**. Experiential Agritech Program, Idaho National Laboratory K-12 Grant, 2023-present, \$40,000, (\$9,000 spending authority).

Miller, D. and **T. Jacobsen**. Fremont County shooting sports, National Rifle Association, 2023, \$12,442, (\$12,442 spending authority).

Spackman, J., **T. Jacobsen**, J. Hatch, J. Sagers, J. Gibbons. Precipitated calcium carbonate to remediate acidic eastern Idaho soils. Western Sustainable Agriculture Research and Education. 2022-present, \$75,000 (no spending authority).

Spackman, J., A. Adjesiwor, J. Gibbons, **T. Jacobsen**, J. Sagers, and K. Schroeder. Liming for improved nutrient utilization and weed management in wheat, Idaho Wheat Commission, 2022 –2023, \$29,415, (no spending authority).

Jacobsen, T., and D. Miller. Mobile classroom. Community Hospital Corporation Foundation, 2022, \$14,069 (\$14,069 spending authority).

Internal Funding Awarded:

Findlay, R., J. Spackman, J. Sagers, and **T. Jacobsen**. Non-dormant alfalfa as a nitrogen source for subsequent small grain crops. University of Idaho Extension Innovative Project Grants, 2023, \$5,000, (no spending authority).

In-kind and Industry Support:

Miller, D. and **T. Jacobsen**, Fremont county 4-H, Blackfoot Communications, 2023, \$500, (\$500 spending authority).

SERVICE:**Major Committee Assignments:****State:**

Idaho FFA Association Leadership Development Event Committee, 2023-present
 Parliamentary Procedure Superintendent, 2023-present
 Conduct of Chapter Meetings Superintendent, 2023-present
 Idaho FFA Alumni Executive Committee, 2023-present
 District Representative, 2023-present

Extension:

University of Idaho Master Gardener Planning Team, 2023-present
National 4-H Congress Chaperone, 2022

District:

Alpine 4-H Camp Committee, 2023-present
County Representative, 2023-present
Sub-district Executive Committee Representative, 2023-present
Bylaws Committee, 2023
Eastern District 4-H Committee, 2022-present
President, 2022-present
Bylaws Committee, 2023
Eastern District Promotion and Tenure Committee, Non-tenured representative, 2022-present
District Pesticide Applicator Training Committee, 2022-present
Committee Chair, 2022-present
Eastern Idaho State Fair, Goat Show Chair, 2022-present
Eastern Idaho State Fair, Livestock Committee, 2022-present
Secretary, 2023-present

County/Local:

Henry's Fork Watershed Council, 2022-present
Sugar Salem FFA Advisory Committee, 2022-present
North Fremont FFA Advisory Committee, 2022-present
South Fremont FFA Advisory Committee, 2022-present
Fremont County Livestock Committee, 2006-present

Professional and Scholarly Organizations:

Idaho Association of Extension 4-H Professionals, 2022-present
Eastern District Junior Director, 2023-present
National Association of Extension 4-H Professionals, 2022-present
Idaho Association of County Agricultural Agents, 2022-present
National Association of County Agricultural Agents, 2022-present
Idaho Agricultural Teachers Association, 2006-2022
Board of Directors (Co-Chair), 2020-2022
SAE Committee, 2019-2022
Board of Directors (District Director), 2016-2022
Idaho FFA Foundation (IATA Representative), 2016-2020
Mentor Committee, 2016-2019
Curriculum Committee, 2006-2015
National Association of Agricultural Educators, 2002-2022

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

Land SMART, St. Anthony, Idaho, St. Anthony, Idaho, 4 sessions, October 12, 19, 26, November 2, 2023.
2023 Fall Eastern District professional development meeting, Swan Valley, Idaho, September 20-21, 2023.
Eastern Idaho State Fair goat show, Blackfoot Idaho, September 7, 2023.
Fremont County Fair, St. Anthony, Idaho, August 7-12, 2023.
Forestry Field Day, Island Park, Idaho, July 27, 2023.
Cereal Field Day, Teton, Idaho, July, July 26, 2023.

Regional Master Gardener Convention, Rexburg, Idaho, June 23, 2023.
 Fremont and Madison County 4-H Camp, Alpine, Wyoming, June 14-16, 2023.
 Fremont County advisory committee meeting, St. Anthony, Idaho, March 15, 2023.
 Pesticide applicator recertification training, Zoom, March 8, 2023.
 Eastern District forage school, St. Anthony, Idaho, March 1, 2023.
 Eastern District cereal school, St. Anthony, Idaho, February 9, 2023.
 Online Idaho Master Gardener Program, Zoom, 12 online classes, 2023.
 Pesticide applicator recertification training, Zoom, December 7, 2022.
 Eastern Idaho State Fair goat show, Blackfoot Idaho, September 8, 2022.
 Fremont County Fair, St. Anthony, Idaho, August 8-13, 2022.

Miscellaneous Extension Publications:

Pest Alert Newsletter, Circulation 570

Recognizing sapsucker damage to your trees, September 15, 2023.

Popular Press:

The News Examiner, Circulation 584

War on Weeds, Perennial Sowthistle, May 25, 2023.
 War on Weeds, Plumeless Thistle, May 20, 2023.
 War on Weeds, Rush Skeletonweed, May 13, 2023.
 War on Weeds, Lambsquarters, May 6, 2023.
 War on Weeds, Hairy Nightshade, April 29, 2023.
 War on Weeds, Prostrate Knotweed, April 22, 2023.
 War on Weeds, White Clover, April 15, 2023.
 War on Weeds, Curlycup Gumweed, April 8, 2023.
 War on Weeds, Redroot Pigweed, April 1, 2023.
 War on Weeds, Annual Sowthistle, March 25, 2023.
 War on Weeds, Spotted Spurge, March 18, 2023.
 War on Weeds, Wild Buckwheat, March 11, 2023.
 War on Weeds, Common Purslane, March 4, 2023.
 War on Weeds, Virginia Creeper, February 25, 2023.
 War on Weeds, Myrtle Spurge, February 18, 2023.
 War on Weeds, Redstem Filaree, February 11, 2023.
 War on Weeds, Cutleaf Nightshade, February 4, 2023.
 War on Weeds, Quackgrass, January 28, 2023.
 War on Weeds, Small Bugloss, January 21, 2023.
 War on Weeds, Buffalobur, January 14, 2023.
 War on Weeds, Turkish Thistle, January 7, 2023.
 War on Weeds, Common Yarrow, December 30, 2022.
 War on Weeds, Pineapple Weed, December 23, 2022.
 War on Weeds, Puncturevine, December 16, 2022.

Caribou County Sun, Circulation 2,242

War on Weeds, Perennial Sowthistle, May 25, 2023.
 War on Weeds, Plumeless Thistle, May 20, 2023.
 War on Weeds, Rush Skeletonweed, May 13, 2023.
 War on Weeds, Lambsquarters, May 6, 2023.
 War on Weeds, Hairy Nightshade, April 29, 2023.
 War on Weeds, Prostrate Knotweed, April 22, 2023.
 War on Weeds, White Clover, April 15, 2023.
 War on Weeds, Curlycup Gumweed, April 8, 2023.
 War on Weeds, Redroot Pigweed, April 1, 2023.
 War on Weeds, Annual Sowthistle, March 25, 2023.
 War on Weeds, Spotted Spurge, March 18, 2023.

War on Weeds, Wild Buckwheat, March 11, 2023.
 War on Weeds, Common Purslane, March 4, 2023.
 War on Weeds, Virginia Creeper, February 25, 2023.
 War on Weeds, Myrtle Spurge, February 18, 2023.
 War on Weeds, Redstem Filaree, February 11, 2023.
 War on Weeds, Cutleaf Nightshade, February 4, 2023.
 War on Weeds, Quackgrass, January 28, 2023.
 War on Weeds, Small Bugloss, January 21, 2023.
 War on Weeds, Buffalobur, January 14, 2023.
 War on Weeds, Turkish Thistle, January 7, 2023.
 War on Weeds, Common Yarrow, December 30, 2022.
 War on Weeds, Pineapple Weed, December 23, 2022.
 War on Weeds, Puncturevine, December 16, 2022.

Farm and Ranch Newspaper 30,000 (80,000 on the last Friday of the month)

War on Weeds, Perennial Sowthistle, May 25, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-perennial-sowthistle/article_9046e238-ff1a-11ed-9dd2-33375f66426e.html.

War on Weeds, Plumeless Thistle, May 18, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-plumeless-thistle/article_f7e29772-fa4a-11ed-ab87-4319773f9975.html.

War on Weeds, Rush Skeletonweed, May 11, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-rush-skeletonweed/article_368fc652-f41a-11ed-9179-e35c65989c53.html.

War on Weeds, Lambsquarters, May 11, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-lambsquarters/article_903db7fe-ee98-11ed-8c9b-ef82bb366263.html.

War on Weeds, Hairy Nightshade, May 2, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-hairy-nightshade/article_e7be89fc-e85f-11ed-bc0f-ebb79a1a77b8.html.

War on Weeds, Prostrate Knotweed, April 25, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-prostrate-knotweed/article_6cc5b6f8-e387-11ed-9ac5-1b0e35ac984a.html.

War on Weeds, White Clover, April 20, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-white-clover/article_6911fdf4-df87-11ed-9277-afe2906f7313.html.

War on Weeds, Curlycup Gumweed, April 13, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-curlycup-gumweed/article_a1bbf1a-d7d4-11ed-8157-f3554adb75a1.html.

War on Weeds, Redroot Pigweed, April 6, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-redroot-pigweed/article_73b5fbb8-ce55-11ed-b068-87630908679d.html.

War on Weeds, Annual Sowthistle, March 30, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-annual-sowthistle/article_99d58118-ccdb-11ed-bb7d-0397ab485cd1.html.

War on Weeds, Spotted Spurge, March 23, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-spotted-spurge/article_f5ed0390-c8f3-11ed-bcea-2be2360c6d5c.html.

War on Weeds, Wild Buckwheat, March 16, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-wild-buckwheat/article_2556e38c-bdd0-11ed-b4bd-07ad4c7a1228.html.

War on Weeds, Common Purslane, March 2, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-common-purslane/article_ca0a4534-b882-11ed-b9fe-7fb0d2631ffb.html.

- War on Weeds, Virginia Creeper, February 23, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-virginia-creeper/article_2d0f11ee-b2d6-11ed-8416-ebf59c81c8ca.html.
- War on Weeds, Myrtle Spurge, February 17, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-myrtle-spurge/article_dfb1b16c-ac82-11ed-8648-ff5f4fcce209.html.
- War on Weeds, Redstem Filaree, February 9, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-redstem-filaree/article_8d85f304-a7d1-11ed-a644-7783bbf68a59.html.
- War on Weeds, Cutleaf Nightshade, February 2, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-cutleaf-nightshade/article_b2cc7f8a-a0c3-11ed-8be9-1394680f9f7e.html.
- War on Weeds, Quackgrass, January 26, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-quackgrass/article_81139ea0-9cd2-11ed-a948-6f72b505e663.html.
- War on Weeds, Small Bugloss, January 19, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-buffalobur/article_cd407754-91d2-11ed-b6c4-375ddbdefa81.html.
- War on Weeds, Buffalobur, January 12, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-buffalobur/article_cd407754-91d2-11ed-b6c4-375ddbdefa81.html.
- War on Weeds, Turkish Thistle, January 5, 2023.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-turkish-thistle/article_3c8e1fd6-8ac0-11ed-a6d6-4bba014d6fc4.html.
- War on Weeds, Common Yarrow, December 29, 2022.
https://www.postregister.com/farmandranch/pests_and_weeds/war-on-weeds-common-yarrow/article_7820eabc-863b-11ed-affe-63a13329c1a9.html.
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<https://www.eastidahonews.com/2023/10/winterizing-your-garden-6-areas-to-focus-on/>.
- Extending your growing season, October 1, 2023, <https://www.eastidahonews.com/2023/10/extending-the-growing-season/>.
- Deep water trees now to protect them over the winter, September 17, 2023.
<https://www.eastidahonews.com/2023/09/deep-water-trees-now-to-protect-them-over-the-winter/>
- Are Sapsuckers damaging your trees? Here's how to tell, September 3, 2023.
<https://www.eastidahonews.com/2023/09/recognizing-sapsucker-damage-to-your-trees/>
- Spider Mites in raspberries, August 20, 2023. <https://www.eastidahonews.com/2023/08/spider-mites-in-raspberries/>.
- Storing fresh vegetables, August 6, 2023. <https://www.eastidahonews.com/2023/08/storing-fresh-vegetables/>.
- Controlling aphids in your garden, July 23, 2023. <https://www.eastidahonews.com/2023/07/controlling-aphids-in-your-garden/>.
- Use shade to produce the best fruits and vegetables, July 9, 2023.
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- Have questions about managing weeds in your garden? Here are the answers, June 25, 2023.
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- Do mushrooms hurt my lawn? June 11, 2023. <https://www.eastidahonews.com/2023/06/do-mushrooms-hurt-my-lawn/>.
- Grub control in lawns, May 28, 2023. <https://www.eastidahonews.com/2023/05/grub-control-in-lawns/>
- Drip irrigation can deliver efficient water use, May 14, 2023. <https://www.eastidahonews.com/2023/05/efficient-water-use-through-drip-irrigation/>.
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- Nutrient management for garden crops, April, 16, 2023. <https://www.eastidahonews.com/2023/04/nutrient-management-for-garden-crops/>.
- How to spot and combat Aspen leaf spot, April 2, 2023. <https://www.eastidahonews.com/2023/04/how-to-spot-and-combat-aspen-leaf-spot/>.
- To till or not to till? March 19, 2023. <https://www.eastidahonews.com/2023/03/to-till-or-not-to-till/>.
- A soilless approach to growing plants indoors, March 5, 2023. <https://www.eastidahonews.com/2023/03/a-soilless-approach-to-growing-plants-indoors/>.
- What cherries do well in eastern Idaho? February 19, 2023. <https://www.eastidahonews.com/2023/02/what-cherries-do-well-in-eastern-idaho/>.
- How to grow pear trees in eastern Idaho, February 5, 2023. <https://www.eastidahonews.com/2023/02/how-to-grow-pear-trees-in-eastern-idaho/>.
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- Can I grow huckleberries in my garden? January 8, 2023. <https://www.eastidahonews.com/2023/01/can-i-grow-huckleberries-in-my-garden/>.
- Crown of Thorns, *Euphobia milii*, 25 December 2022. <https://www.eastidahonews.com/2022/12/crown-of-thorns-euphobia-milii/>.
- Ideal growing conditions for orchids, December 11, 2022. <https://www.eastidahonews.com/2022/12/ideal-growing-conditions-for-indoor-orchids/>.
- How to make your yard a fire-resistant landscape, November 13, 2022. <https://www.eastidahonews.com/2022/11/how-to-make-your-yard-a-fire-resistant-landscape/>.
- How to care for geraniums inside during the winter and save them for next year's garden, October 30, 2022. <https://www.eastidahonews.com/2022/10/how-to-care-for-geraniums-inside-during-the-winter-and-save-them-for-next-years-garden/>.
- What's bugging you? What gardeners need to know about the Western Conifer Seed Bug, October 16, 2022. <https://www.eastidahonews.com/2022/10/whats-bugging-you-what-gardeners-need-to-know-about-the-western-conifer-seed-bug/>.
- The benefits of collecting vegetable and flower seeds, October 2, 2022. <https://www.eastidahonews.com/2022/10/the-benefits-of-collecting-vegetable-and-flower-seeds/>.
- The secret to harvesting high-quality garden crops, September 18, 2022. <https://www.eastidahonews.com/2022/09/the-secret-to-harvesting-high-quality-garden-crops/>.
- How soil and air temperature can help lengthen the growing season, September 4, 2022. <https://www.eastidahonews.com/2022/09/how-soil-and-air-temperature-can-help-lengthen-the-growing-season/>.

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- Lawn and landscape vole control, October 31, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-lawn-and-landscape-vole-control/article_b0d9df04-741e-11ee-9c68-3bddb515e3cc.html.
- Winterizing your garden, October 17, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-winterizing-your-garden/article_a9c4f680-685d-11ee-96d2-b7b975bc7545.html.
- Deep water trees now to protect them over the winter, September 5, 2023. <https://www.eastidahonews.com/2023/09/deep-water-trees-now-to-protect-them-over-the-winter/>.
- Recognizing sapsucker damage to your trees, September 5, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-recognizing-sapsucker-damage-to-your-trees/article_0a3065ec-4764-11ee-9701-03172f10c839.html.
- Spider Mites in raspberries, August 22, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-spider-mites-in-raspberries/article_8ffec5c8-3bb2-11ee-8f47-376552c20187.html.

- Storing fresh vegetables, August 8, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-storing-fresh-vegetables/article_7a8d6e14-314f-11ee-9e91-9bd691062da4.html
- Controlling aphids in your garden, July 25, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-controlling-aphids-in-your-garden/article_3b5e7116-2655-11ee-9aa0-471aec3b3f85.html.
- Use shade to produce the best fruits and vegetables, July 11, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-using-shade-to-produce-fruits-and-vegetables/article_27da37fc-1f4c-11ee-ad8c-7bc4e56a8c70.html.
- Integrated weed management for the garden, June 27, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-integrated-weed-management-for-the-garden/article_423bc0f4-1464-11ee-b95d-6bfe6c543e0f.html.
- Do mushrooms hurt my lawn?, June 13, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-do-mushrooms-hurt-my-lawn/article_7ec01bde-0a2c-11ee-8e85-b71db8971692.html.
- Grub control in lawns, May 30, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-grub-control-in-lawns/article_5c766a48-ff18-11ed-a2b5-bfb4513b4e05.html.
- Efficient water use through drip irrigation, May 14, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-efficient-water-use-through-drip-irrigation/article_612ce978-f41d-11ed-8362-87bddfe073d8.html.
- Dealing with animal urine damage on your grass, April 30, 2023. https://www.postregister.com/farmandranch/columnists/in-the-garden-animal-urine-damage-on-turfgrass/article_fa5f80da-e44e-11ed-8e00-07587774b890.html.

Interview Articles:

- Smith, L. Fremont County Extension survey available online. Upper Valley Standard Journal, October 3, 2022.

Webpages/Social Media:

- UI Extension, Fremont County 4-H Facebook Page, 2022-present.

Applied Research/Demonstration Trials:

- Non-dormant alfalfa as a nitrogen source for subsequent small grain crops, demonstration study on Aberdeen Research and Extension Center, Aberdeen, Idaho, 2023.
- Precipitated calcium carbonate to remediate acidic eastern Idaho soils, cooperative study with Western Sustainable Agriculture Research and Education, Southeast Idaho, 2022-present.
- Liming for improved nutrient utilization and weed management in wheat, cooperative study with Idaho Wheat Commission, Ashton, Idaho, 2022-present.

Judging:

- Eastern Idaho State Fair Livestock Judging Reasons, September 9, 2023.
- Fremont County Market Lamb Record Books, St. Anthony, Idaho, August 4, 2023.
- Eastern District Horse Contest Reasons, Grace, Idaho, June 12, 2023.
- Eastern District Horse Contest Horse Bowl, Grace, Idaho, June 12, 2023.
- State Shooting Sports Rimfire, St. Anthony, Idaho, June 10, 2023.
- State Shooting Sports Archery, Rigby, Idaho, June 9, 2023.
- Eastern District Shooting Sports Rimfire, St. Anthony, Idaho, June 3, 2023.
- Eastern District Shooting Sports Air Rifle, St. Anthony, Idaho, June 3, 2023.
- North Upper Snake River FFA District Conduct of Chapter Meetings LDE, Ashton, Idaho, March 7, 2003.
- North Upper Snake River FFA District Creed Speaking LDE, Ashton, Idaho, March 7, 2023.
- North Upper Snake River FFA District State Degree and Star Judging, Madison High School, January 25, 2023.

Fremont County Farm Bureau Discussion Meet, South Fremont High School, St. Anthony, Idaho, January 24, 2023.
Creed Speaking, North Fremont High School, Ashton, Idaho, December 13, 2022.
Agriscience fair, Sugar-Salem High School, Sugar City, Idaho, November 18, 2022.
Mock job interviews, South Fremont High School, St. Anthony, Idaho, September 2, 2022.

Review Activities:

University of Idaho Extension Publishing, FastTrack reviewer.
2023, one publication.

Community Service:

Fremont County Pioneer Days Committee, 2022-present.
Board Member, 2022-present

PROFESSIONAL DEVELOPMENT:**Outreach:**

Eastern District Faculty Meeting, Swan Valley, Idaho, Septemeber 20-12, 2023.
Land SMART Planning Meeting, Zoom, September 15, 2023.
Horticulture and Small Farms PET Meeting, Twin Falls Idaho, September 12, 2023.
Horticulture and Small Farms In-Service, Twin Falls, Idaho, September 11-12, 2023.
Promotion and Tenure Meeting, Blackfoot, Idaho, September 5, 2023.
Land SMART Planning Meeting, Zoom, August 29, 2023.
Master Gardener Planning Meeting, Zoom, August 28, 2023.
Henry's Fork Watershed Council tour, August 15, 2023.
Leafy Spurge Field Day, Rexburg, Idaho, August 2, 2023.
Forestry Field Day, Island Park, Idaho, July 27, 2023.
Cereal Grain Field Day, Tetonia, Idaho, July 26, 2023.
Promotion and Tenure Meeting, Idaho Falls, Idaho, July 24, 2023.
Regional Master Gardener Convention, Rexburg, Idaho, June 23, 2023.
Idaho Association of County Agricultural Agents Summer Meeting, Dubois, Idaho, June 1, 2023.
Idaho Association of County Agricultural Agents Summer Meeting, Rigby, Idaho, May 31, 2023.
Eastern District Animal Science In-Service Training, Salmon, Idaho, May 18-19, 2023.
Eastern District Faculty Meeting, Pocatello, Idaho, April 27, 2023.
University of Idaho Extension Annual Conference, Sun Valley, Idaho, April 10-13, 2023.
High tunnel workshop, Rigby, Idaho, March 23, 2023.
Henry's Fork Watershed Council meeting, March 14, 2023.
Idaho chemigation training, Asynchronous web training, January 31, 2023.
Idaho Master Gardener Program, Zoom training, 12 sessions, January-April, 2023.
Basic CPR and First Aid, St. Anthony, Idaho, January 23, 2023.
Idaho Potato Conference, Pocatello, Idaho, January 18-19, 2023.
Eastern District 4-H In-service, Rigby, Idaho, January 10, 2023.
Dual credit enrollment training, Zoom training, January 9, 2023.
Bylaws committee meeting, Zoom training, December 29, 2022.
Forage school planning, Zoom training, November 21, 2022.
Cereal school planning, Pocatello, Idaho, November 17, 2022.
Pesticide applicator training for extension educators, American Falls, Idaho, November 16, 2022.
Teams training, Zoom training, November 14, 2022.
Eastern district faculty meeting, Montpelier, Idaho, November 2-3, 2022.
Idaho 4-H statewide training, Boise, Idaho, October 24-26, 2022.
New 4-H professional training, Boise, Idaho, October 24, 2022.
Natural Resource Conservation Service urban agriculture tour, Rigby, Idaho, September 14, 2022.
University of Idaho new faculty orientation, Moscow, Idaho, August 15-17, 2022.

Administration/Management:

Creating your own report in digital measures, Zoom, October 18, 2023.
CV training, Zoom, October 16, 2023.
County chair training, Idaho Falls, Idaho, September 19-20, 2023.
Digital measures reporting, Zoom, August 22, 2023.
Jaggae training, Zoom, June 22, 2023.
Conflict management: A practical workshop for leaders, Asynchronous web training, March 21, 2023.
Discover your role and impact in creating team engagement, Asynchronous web training, March 21, 2023.
Introduction to Chrome River training, Zoom training, March 7, 2023.
Fremont county website training, Zoom training, February 14-16, 2023.
Building confidence as a new leader: overcoming internal barriers, Asynchronous web training, January 30, 2023.
Purchasing card program and travel expense training, Asynchronous web training, January 30, 2023.
3R's of background screening, Zoom training, November 18, 2022.
CV training, Zoom training, October 10, 2022.
Extension evaluation training, Zoom training, September 29, 2022.
Digital Measures training, Zoom training, August 23, 2022.