



BINGHAM COUNTY

EXTENSION UPDATE

UNIVERSITY OF IDAHO, U.S. DEPARTMENT OF AGRICULTURE, AND IDAHO COUNTIES COOPERATING

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Congratulations EISF Top Winners!!

DEMONSTRATION

TOP JR FCS - OLIVIA BLATTER
TOP SR LIVESTOCK - TYREE CRYSTAL

WRH

RSV TOP DUMMY ROPING - CASTEN CARTER

HORSE

RSV TOP INT SHOWMAN - HANNAH HALES
TOP SR WESTERN EQUITATION - JOSIE WATERS
RSV TOP INT WESTERN EQUITATION - HANNAH HALES
TOP SNAFFLE BIT 2-3 YRS - HANNAH HALES
TOP WESTERN REINING - JOSIE WATERS
TOP JR TRAIL - CASTEN CARTER
RSV TOP SINGLE UTILITY DRIVING - ANNIE STEWART

BEEF

TOP HEIFER CALF AFTER JAN 1 - PAETYN KORTH
RSV TOP HEIFER CALF AFTER JAN 1 - JAYLIN WARD
RSV GRAND CHAMPION HEIFER - MADI WREN
RSV TOP HEIFER 6/1-8/31/2025 - PAETYN KORTH
RSV TOP HEIFER 3/1-5/31/2025 - ELIZABETH MURDOCK
TOP HEIFER 9/1-12/31/2024 - ZEKE WARD

MEAT GOAT

TOP 0-3M DOE - TESS CHRISTIANSEN
TOP 6-9M DOE - TRIPP ODIAGA

TOP 9-12M DOE - KODI PRATT

GRAND CHAMP JR DOE - TRIPP ODIAGA
RSV TOP 24-36M DOE - LIBBY NELSON
TOP 36+M DOE - TESS CHRISTIANSEN
RSV TOP 36+M DOE - LIBBY NELSON
RSV TOP INT SHOWMAN - KODI PRATT

SHEEP - BREEDING

TOP FALL RAM LAMB - KAYLEE PRATT
RSV TOP WINTER RAM LAMB - KODI PRATT
RSV TOP SPRING RAM LAMB - KODI PRATT
TOP PEN OF 2 RAM LAMBS - KODI PRATT
CHAMPION RAM LAMB - KAYLEE PRATT
TOP AGED EWE - KAYLEE PRATT
RSV TOP AGED EWE - KLARRISSA CHRISTIANSEN
TOP & RSV TOP YEARLING EWE - KAYLEE PRATT
TOP PEN OF 2 YEARLING EWES - KAYLEE PRATT
TOP FALLE EWE LAMB - KAYLEE PRATT
RSV TOP PEN OF 2 EWE LAMBS - KAYLEE PRATT
RSV GRAND CHAMPION EWE - KAYLEE PRATT
TOP BREEDER'S FLOCK - KAYLEE PRATT
TOP FLOCK - KAYLEE PRATT

RABBIT - MARKET

TOP JR SHOWMAN - LEXY NELSON
TOP INT SHOWMAN - LILA BARNES

RABBIT - BREEDING

RSV TOP JR SHOWMAN - JOSEPHINE KELLEY
TOP SR BUCK UNDER 9LBS - JOSEE SORESENSEN
RSV TOP SR BUCK UNDER 9 LBS - PATRICK PRINE
TOP SR BUCK 9+LBS - ROYCE LYON
TOP INT BUCK 9+LBS - ROYCE LYON
GRAND CHAMPION BEST OF SHOW - ROYCE LYON

DAIRY CATTLE JUDGING

TOP SR JUDGING - JOZEE DIAL
TOP INT JUDGING - SAVANNA BROWN
RSV TOP JUDGING - KAYGE SWAN
BARN AWARD - KAYGE SWAN

DAIRY CATTLE

TOP SR SHOWMAN - KYZER SWAN
TOP INT SHOWMAN - EMMA BURNETT
RSV TOP INT SHOWMAN - SAVANNA BROWN
TOP JR SHOWMAN - IVY BURNETT
GRAND CHAMPION SHOWMAN - KYZER SWAN
RSV GRAND CHAMPION SHOWMAN - EMMA BURNETT
TOP JR HEIFER - EMMA BURNETT
TOP SR HEIFER - KYZER SWAN
RSV TOP SR HEIFER - JOZEE DIAL
RSV GRAND CHAMPION HEIFER - EMMA BURNETT



UPCOMING EVENTS – SAVE THE DATE

2026 Calendar

October	5	RE-ENROLL with 4-H at 4h.zsuite.org
	9	Capture the Flavor, 5:30-7 p.m., \$10 contact Abby May 208-785-8060
	9	Day Camps – see last page for information
	12	HOLIDAY – OFFICE CLOSED
	16	Day Camps – see last page for information
	20-21	OFFICE CLOSED FOR TRAINING
	21	BC Market Sale Committee Meeting 6:30 p.m., Bingham Office
	23	Day Camps – see last page for information
	28	DEADLINE – register for Dining with Diabetes 208-785-8060
	30	Day Camps – see last page for information
November	30	Pick up 4-H Premiums
	3	Dining with Diabetes, Noon-2 p.m., \$25 contact Abby May 208-785-8060
	6	Day Camps – see last page for information
	10	Dining with Diabetes, Noon-2 p.m., \$25 contact Abby May 208-785-8060
	11	HOLIDAY – OFFICE CLOSED
	13	Day Camps – see last page for information
	17	Dining with Diabetes, Noon-2 p.m., \$25 contact Abby May 208-785-8060
	18	Leader Council meeting, 6 p.m., Bingham Office
	20	Day Camps – see last page for information
	25-27	HOLIDAY – OFFICE CLOSED
December	1	Dining with Diabetes, Noon-2 p.m., \$25 contact Abby May 208-785-8060
	4	Day Camps – see last page for information
	11	Day Camps – see last page for information
	23	DEADLINE – last day to pick up premiums!!
	24-31	HOLIDAY – OFFICE CLOSED

2027 Calendar

January`	1	HOLIDAY – OFFICE CLOSED
	18	HOLIDAY – OFFICE CLOSED
	29	DEADLINE – 4-H LEADER ENROLLMENT DUE
February	1	DEADLINE – Market Poultry Enrollment due – birds ordered and paid for
	15	HOLIDAY – OFFICE CLOSED
	19	DEADLINE – All Beef project enrollments due
May	31	HOLIDAY – OFFICE CLOSED
April	9	DEADLINE – All Swine project enrollment due
	30	DEADLINE – All remaining animal projects enrollment due Sheep, Meat Goats, Breeding Poultry, Rabbit, Dog, Dairy Goat, Dairy Cattle



IDAHO 4-H KNOW YOUR GOVERNMENT Conference

 **February 13-15, 2027**
 **Boise, Idaho**



YOUTH EXPERIENCE

Open to youth in grades 8 to 10

(2 years total unless selected to serve on the Steering Committee)

Participants in the Legislative Workshop learn about the state government decision-making process by participating in mock committee meetings with guidance from legislators at the Capitol, then participating in a mock legislative session.

Participants in the Judicial Workshop learn about the Idaho court system, how laws affect teenagers, and participate in mock trials held at the Ada County courthouse. They take tours of the Supreme Court building and visit with judges and attorneys.

- Learn how the state government decision-making process works.
- Learn how teens can participate politically to influence state government.



Action to improve communities requires knowledge of government and how it works. Join 4-H'ers from across the state to see our government in action.

MISSION

Provide 4-H members with an opportunity to become knowledgeable about the decision-making process in their communities and state. This strengthens the connection between youth and our political system.

GET INVOLVED!



**Registration opens
December 1st in ZSuite Events.**

For more information about the Know Your Government Conference:

REGISTRATION OPENS DECEMBER 1
in ZSuite Events.

Delegates who have attended for two years and are currently in 9th or 10th grade can apply to become members of the Know Your Government Steering Committee. The following positions *(the numbers indicate the number of positions needed)* are selected each year:

- Legislators (6)
- Judges (6)
- Reporters (8)
- Chief Justice (1)
- Speaker of the House (1)
- Social Media/Video Producer (1)
- News Editor (1)

Mike Knutz

Conference Chair
208-736-3608
mknutz@uidaho.edu

"The University of Idaho is an equal-opportunity employer and educational institution. We offer our programs to persons regardless of race, color, national origin, gender, religion, age, sexual orientation, or disability."

Interpreting Alfalfa Quality Factors

Alfalfa hay quality is best evaluated using several laboratory measurements rather than a single number. The major factors include crude protein (CP), acid detergent fiber (ADF), neutral detergent fiber (NDF), total digestible nutrients (TDN), and relative feed value (RFV). These measurements describe different aspects of the hay's nutritional value and potential animal performance.

Crude protein (CP) estimates the concentration of protein available from the forage. For USDA "Good" quality alfalfa, CP is **18–20%** of dry matter, while Premium hay is 20–22%.

ADF represents the less-digestible fiber fraction. Lower ADF generally means greater digestibility and energy availability. Good-quality alfalfa has **29–32% ADF**.

NDF represents the plant cell-wall fraction and is associated with how much forage an animal can consume. Lower NDF generally permits greater intake. Good-quality alfalfa contains **36–40% NDF**.

TDN estimates the total digestible energy supplied by the hay. Good-quality alfalfa contains approximately **58–60% TDN**.

RFV combines estimates of digestibility and potential intake into one index. Good-quality alfalfa has an RFV of **150–170**; Premium is 170–185, and Supreme exceeds 185.

Other useful measurements include **NDF digestibility (NDFD)**, **lignin**, **ash**, and **nonfiber carbohydrates**. These can provide additional information about how animals will utilize the forage.

For Southern Idaho producers, laboratory testing provides a more reliable assessment of feeding value than color, leafiness, or maturity alone. However, physical appearance, harvest maturity, storage damage, and the intended livestock class should also be considered when evaluating hay

1. Feuz, R., Wilkins, C., Larsen, R., & Bosworth, R. (2025). *Analyzing US Alfalfa Hay Market Dynamics: Effects of Quality Grade on Premiums and Discounts*. *Journal of Agricultural and Applied Economics*, 57, 276–291.
2. Buse, J., et al. (2024). *Testing preference of alfalfa hay of different relative feed value and brome hay in lactating Jersey cows*. *Journal of Dairy Science Communications*.
3. Güney, M., et al. (2020). *Quality classification of alfalfa hays according to protein and fiber contents*. *Eurasian Journal of Veterinary Sciences*, 36, 193–198.

Note: The quality ranges above are the USDA alfalfa-quality guidelines reproduced in the 2025 peer-reviewed Feuz et al. study; the study notes that the guidelines apply to alfalfa intended for domestic livestock use with no more than 10% grass.

Ips Beetles: Protecting Pine Trees in Southern Idaho

Ips beetles, often called pine engravers, are small bark beetles that attack pine trees, including ponderosa and lodgepole pine. There are also IPS species that infest spruce. Although Ips commonly colonize weakened trees, large populations can overwhelm even relatively vigorous trees.

What makes trees susceptible? Drought is a major factor because water stress reduces a pine's ability to produce defensive resin. Other important stressors include overcrowding, root damage, construction injury, disease, poor planting sites, and recently cut or damaged trees. Dense stands can increase competition for limited soil moisture and are associated with greater bark-beetle mortality.

Management begins with prevention. Maintain adequate soil moisture during prolonged drought, particularly for valuable landscape trees. Avoid damaging trunks and roots and reduce excessive competition where appropriate through thinning. Monitor pines regularly for boring dust, pitch tubes, small entrance holes, reddish-brown crowns, and woodpecker activity.

Freshly cut or storm-damaged pine can become breeding material. Promptly remove, debark, chip, or appropriately dispose of infested material. Do not leave fresh green pine slash where it

can support beetle populations. Preventive insecticide treatments may protect high-value trees when applied before beetle flight, but they do not cure trees already successfully colonized.

Sources

1. West, A. (2023). *Ips Beetles*. University of Idaho Extension.
2. Grulke, N. E., et al. (2020). "Quantitative and qualitative approaches to assess tree vigor and stand health in dry pine forests." *Forest Ecology and Management*, 465, 118085.
3. Negrón, J. F., et al. (2009). "Bark beetle-caused mortality in a drought-affected ponderosa pine landscape in Arizona, USA." *Forest Ecology and Management*, 257, 1353–1362.
4. DeGomez, T. E., et al. (2006). "Evaluation of insecticides for protecting southwestern ponderosa pines from attack by engraver beetles." *Journal of Economic Entomology*, 99, 393–400.



Capture the Flavor: Herbs & Spices



Learn how to:

- Use herbs and spices to create your own international flavors
- Apply best practices for herbs & spices storage
- Explain how herbs & spices can be a food safety concern if handled improperly
- Recognize the health benefits of cooking with herbs & spices
- Take home a resource book and premixed spice blend sample

Register today, for just \$10!

Participants will receive a Tote Bag,
Mixing Booklet & Jar of Mixed Spices

Call 208-785-8060 or register
online by scanning the QR code.

Pre-registering holds
your spot as
swag bags are limited.



Registration closes October 2nd.

Date: Friday, October 9th

Time: 5:30-7:00 pm

Presenter: Deanna Poulsen,
Jefferson County Extension Educator

Host: Abby May
Bingham County Extension Office
412 Pacific
Blackfoot, ID 83221



The University of Idaho does not discriminate in education or employment on the basis of human differences, as required by state and federal laws. Reasonable accommodations will be made for persons with disabilities and special needs who contact Deanna Poulsen prior to the event at 210 Courthouse Way, Suite 180, Rigby, Idaho, 83442; (208) 745-6685, dpoulsen@uidaho.edu.

DINING WITH DIABETES
4-WEEK COURSE

Dining with Diabetes is for people with Type 2 diabetes or their family members to learn about diabetes and how to manage it.

Receive information about meal planning, portion control, understanding labels, and physical activity.

Watch live cooking demonstrations. Sample delicious food prepared for you.

When: Tuesdays, November 3, 10, 17, and Dec 1 from 12-2 pm

Where: University of Idaho Extension, Bingham County
412 W Pacific St Blackfoot, ID 83221

Cost: \$25 per person

For more information or to enroll, call 208-785-8060

Last day for registration and payment: October 28

BINGHAM COUNTY

4-H Livestock Project Requirements

1. Attend 6 Club Meetings (must be present for at least 45 minutes of that meeting to count). Only 1 4-H hosted educational activity can be counted. Jackpot shows and other fair attendance do not count towards meeting requirements.
2. Demonstration for each species they are doing a project for. (Example: Horse 1, Sheep 1, Beef 1) Demonstrations must be project related. Demonstrations should have some type of visual aid and not be something directly read from a phone. Length of demonstrations should be Juniors 5-8 minutes, Intermediates 7-10 minutes, Seniors 9-12 minutes.
3. Club Community Service Project
4. Complete 5 animal science lesson plans, gain at least 5 new skills per year
5. Complete a record book-All record books will not be accepted



**It's time to re-enroll at
4h.zsuite.org for 2026-2027 year!**

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UPCOMING DAY CAMPS

ALL DAY CAMPS ARE LOCATED AT THE OFFICE UNLESS OTHERWISE SPECIFIED

You MUST be completely enrolled on 4h.zsuite.org and have enrollment fees paid at the office PRIOR to being added to any day camp lists.

Registration for day camps are **NOW** on 4h.zsuite.org in the events sections of your family profile. **Register online. Limited space!** ALL FEES MUST BE PAID AT THE OFFICE 1 WEEK PRIOR TO DAY CAMP IN ORDER TO ATTEND!.

We are able to accept cards over the phone or at office with a \$3 service fee.

Oct	9	Fall Apple Desserts, TRADITIONAL (8+), 9-11 a.m., \$10
	16	Fall Pumpkin Desserts, TRADITIONAL (8+), 9-11 a.m., \$10
	23	Teddy Bear Sewing, TRADITIONAL (8+), 1-4 p.m., \$3
	23 & 30	Drones, TRADITIONAL (8+), 9-11 a.m., \$3 *Must attend both days
Nov	6, 13, 20	3D Printing, TRADITIONAL (8+), 9-11 a.m., \$10 *Must attend all days
	13	9 Patch Quilt, TRADITIONAL (8+), 1-4 p.m., \$4
Dec	4	Card making, TRADITIONAL (8+), 9-10:30 a.m., free
	11	Homemade Hot Chocolate, TRADITIONAL (8+), 9-10 a.m., \$5
	11	Christmas Pillowcase, TRADITIONAL (8+), 1-4 p.m., \$3

The Bingham County News is published by the Bingham County Extension Office. All comments should be directed to Carmen Willmore.
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412 W. Pacific St.
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Extension Educators:

Abby May, Family & Consumer Sciences
Reed Findlay, Forages/Horticulture
Carmen Willmore, 4-H/Livestock

Staff:

Krista Cernyar, Office Manager
Heather Strupp, 4-H Coordinator
Abigail Shipley, 4-H Secretary

Web Site:

<https://www.uidaho.edu/bingham>

Persons with disabilities who require alternative means for communication of program information or reasonable accommodations to any programs listed in this newsletter need to contact the Bingham County Extension Office two days prior to the event at 412 West Pacific St., Blackfoot, ID 83221, phone 208-785-8060, email bingham@uidaho.edu.

COOPERATIVE EXTENSION SYSTEM
UNIVERSITY OF IDAHO
BINGHAM COUNTY
412 WEST PACIFIC
BLACKFOOT ID 83221



To keep current and up-to-date!

UI Extension, Bingham County