

SAVE THE DATE: APRIL 29, 2023

ARKANSAS SMALL RUMINANTS FIELD DAY



INFORMATION, INNOVATION AND NETWORK

USDA-ARS Dale Bumpers Small Farms Research Center Booneville, AR

2023 Arkansas Small Ruminant Field Day & Expo

Learn how to produce healthy sheep and goats and market them.

- Join in hands-on demonstrations and discussions that affect economic, social, and environmental sustainability of sheep and goat industries in Arkansas.
- Exhibitors will show new equipment, products and services that are in the market.

AGENDA (subjected to change)

8:00 Sign in and badge/materials pick up

8:45 Welcome – Dr. Owens and Dr. Burke (USDA), Dan Quadros (UADA).

9:00 Technologies for sheep & goat production: research update and innovative practices (small group demonstrations and presentations)

10:30 Break

11:00 Technologies for sheep & goat production: research update and innovative practices (small group demonstrations and presentations)

12:30 Lunch with selected lamb/kid meat cuts (for online pre-registers only)

1:30 Technologies for sheep & goat production: research update and innovative practices (small group demonstrations and presentations)

3:00 Break (snacks)

3:30 Round table

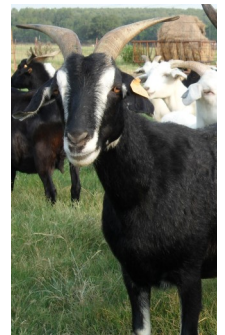
4:00 Closing remarks

4:10 One-on-one with the experts

5:00 Adjourn

2023 Arkansas Small Ruminant Field Day & Expo

The Arkansas Small Ruminant Field Day & Expo aims to increase producer knowledge and understanding of sheep and goat husbandry/health, production, and marketing. The attendees will have the opportunity to participate in practical demonstrations and discussions of relevant factors that affect economic, social, and environmental sustainability of sheep and goat industries in Arkansas. Additionally, suppliers and organizations will be showing what is new in the market for equipment, products and services.



Agenda (subject to change)

8:00- Onsite/online registration sign in and badge/material pick up

8:45- Welcome – Dr. Owens and Dr. Burke (USDA), Dan Quadros (UADA).

9:00 -Technologies for sheep & goat production: research update and innovative practices Round 1 (30 min. each one, dividing the participants into small groups)

- 1) Forage plants diversification for a 300-days grazing program (microplots – warm and cool season grasses, small grains, summer annuals and forage legumes) Dr. Ken Coffey, UA and M.Sc. Kenny Simon, UADA
- 2) Strategies to reduce predator losses (Show fence schemes and discuss the utilization of guardian dogs, llamas and donkeys)
- 3) Precision nutrition for profit (feed collection – supplementary roughages, concentrates, additives, minerals, vitamins, balanced ration, cubes, tubes, pellets; artificial rumen; supply-demand; feeding practices for different categories; feed/blood analysis for precise balancing rations) Dan Quadros, UADA

10:30- Break

2023 Arkansas Small Ruminant Field Day & Expo

11:00- Technologies for sheep & goat production: research update and innovative practices (Round 2)

- 1) Genetic resistance and other tools to deal with gastrointestinal parasites (live animals, copper bolus types and administration) Dr. Joan Burke, USDA-ARS
- 2) Targeted selective treatment (Five point check: FAMACHA, BCS, nasal discharge, bottle jaw, dung score) Linda Coffey, NCAT/ATTRA
- 3) Internal parasites diagnosis and control (Fecal collection, FEC, microscope with camera and projector to see the sample and preprepared samples different FEC and coproculture, adults; dewormers and deworming practice with products and live animals) Dr. Eva Wray, UA

12:30- Lunch with selected lamb/kid meat cuts (for online pre-registers only)

Lunch with speakers

- What is special about sheep & goat meat? – (carcass yield, cuts, comparative composition, FA profile, marketing opportunities. Aroma?) Dr. Kelly Vierk, UA
- Culinary tips from a Chef (American Lamb Council): Preparing selected meat cuts for an unforgeable experience

1:30- Technologies for sheep & goat production: research update and innovative practices (Round 3)

- 1) Health management plan: keeping your herd alive and well (pre- and post-partum basic care for ewes/does and kids/lambs, main viral and bacterial diseases, importance of VCPR, vaccination, vaccines and medicament administration, blood collection) Dr. Jeremy Powell, UA
- 2) Selecting good does/ewes and rams/bucks for high reproductive efficiency (estrous cycle, estrus signs, gestation ultrasound; breeding soundness exam with semen collection and microscope with camera and projection of pre-prepared slides with different semen qualities) Dr. Jerica Rich, ASU and Brittany Scott, Smart Repro
- 3) Zootechnical register systems: from field notes to animal selection (Demonstrate identification systems, tag one animal, importance of registers, what you need to register, birth weight scale weaning weight). Dr. Joan Burke, USDA-ARS

3:00- Break

3:30- Round table: Market updates, Small Ruminant Commodity Division/Arkansas Farm Bureau, Producer groups and associations

4:00 Closing remarks

4:10 One-on-one with the experts

5:00 Adjourn

