

ANITA ELLIS, LIVESTOCK SPECIALIST. SERVING CALLAWAY, COLE, GASCONADE, MARIES, MONTGOMERY, OSAGE, & WARREN COUNTIES. 5803 County Road 302, Fulton, MO. 573-642-0755. snella@missouri.edu.

Colostrum: Replacer vs. Supplement

Unfortunately, at some point in a cow/calf operator’s career, they are going to have to bottle-feed a calf. When a calf is born, it is critical that within the first few hours it consumes colostrum, the first milk that is packed with crucial immunological components. The primary component evaluated when talking about colostrum is IgG or immunoglobulins G.

And while the natural form of colostrum from the dam is the best (even frozen and stored from a previous milking), sometimes that is not an option. There are two types of products in particular that may end up being used as an option: Colostrum Replacer or Supplement. Most of what we see in the store is a supplement. These supplements are used to increase the fed volume of colostrum or to improve the quality of whatever colostrum is being provided. But these still fall short of the amount of IgG’s a calf needs.

True replacers should contain 125 grams of bovine immunoglobulins (that’s IgG, not globulin protein). This concentration is obtained from the type of source of these replacers usually use, such as properly dried bovine colostrum and bovine serum, the first being the better option. These true replacers are licensed through the Center for Veterinary Biologics with the USDA.

Ask your local vet to help you get the proper colostrum replacer and to help you set up a plan for intervening in calf health.



angus.org

Feeding Lambs

Like with any other livestock species, there are several different production methods when feeding lambs for growth. What I encounter most are pasture based systems and typically Katahdin breed. Otherwise, there is a wide variety of hand fed show lambs.

In order to achieve the most gain, quickly, concentrate feeding is common. Pasture-reared lambs (depending on the system and environment) will be less susceptible to worm infections and will achieve adequate/exceptional gain if they are supplemented with some sort of feed.

Be sure to provide enough space when feeding; bunk feeding requires 12” per head and self-feeders require 3” per head.

In a concentrate ration system, provide enough fiber to make cud and prevent wood chewing. And regardless of system, slowly increase the amount of a new feed to your lambs.

Early weaned lambs, moderate growth potential				
Body Wt	Dry Matter Intake, lbs.	Dry Matter Intake, %	Total Digestible Nutrients (energy), lbs.	Crude Protein, lbs.
44	2.2	5.0	1.80	0.37
66	2.9	4.4	2.20	0.42
88	3.3	3.7	2.60	0.44
110	3.3	3.0	2.60	0.40

Source: Nutrient Requirements of Sheep, 6th revised Edition, 1985.

Events

Spring 2020 Show-Me-Select Replacement Heifer Sales

- May 1 - SEMO Livestock Sales LLC; Fruitland, MO at 7 p.m.
Coordinator: Erin Larimore, 573-243-3581
- May 8 - Farmington Regional Stockyards, LLC; Farmington, MO at 7 p.m.
Coordinator: Kendra Graham, 573-756-4539
- May 15 - Joplin Regional Stockyards, Inc.; Carthage, MO at 7 p.m.
Coordinator: Eldon Cole, 417-466-3102
- May 16 - Kingsville Livestock Auction; Kingsville, MO at 11 a.m.
Coordinator: David Hoffman, 816-380-8460
- May 22 - South Central Regional Stockyard; Vienna, MO at 6 p.m.
Coordinator: Anita Ellis, 573-642-0755
- May 30 - F&T Livestock Market; Palmyra, MO at 6 p.m.
Coordinator: Daniel Mallory, 573-985-3911

SMQA

Check with your county YPA/4-H specialist about when your county SMQA (Show Me Quality Assurance) training is for 4H!

Predator Management Workshop

March 16th at 6 pm, Maries County Courthouse (Vienna, MO): Join us to learn about Wildlife interactions with Livestock and Livestock Guardian Dogs from the experts at Missouri Department of Conservation and Lincoln University. This event is free but RSVP is appreciate so that we have enough handouts. Please call the Maries County Extension at 573-422-3359 or email me with any questions you have: snella@missouri.edu.

Backgrounding 101

March 19th from 9 am – 3 pm, Callaway County Extension Office (Fulton, MO): Feeding weaned calves to the next stage of production maybe a new marketing opportunity for some. So, join us to learn from the experts on Nutrition, Marketing, Health, and Facilities. Our own Callaway/Montgomery Cattlemen's will provide a delicious lunch in the afternoon and we'll wrap up with a panel Q&A. Early registration cost (from now until March 13th) \$10 and late/at the door registration is \$15. Please call 573-642-0755 to register or email snella@missouri.edu.

Trouble in the Field: Serving Missouri's Farmers & Ranchers in Times of High Distress

Free webinar on March 19th from 11:30 am – 1 pm. This webinar seeks to provide behavioral health providers and other supportive professionals with information and skills to better assist farm families in distress. More information can be found at <http://ssw.missouri.edu/news.html#FarmFamilies>.

2020 Novel Tall Fescue Renovation Workshop

March 24th from 8:30 am – 4: 30 pm, MU Southwest Research Center, Agricultural Education Center 14548 Hwy H, Mt. Vernon, MO 65712. Registration before March 17th is \$65 (\$80 after). Contact wolfejl@missouri.edu or 417-466-2148.

5th Annual Callaway 4-H 5K Run/Walk

April 4th at 9 am, New Bloomfield City Park. Support your local 4H by signing up for our annual 5K fun run! \$20 for adults, and \$15 for youth. Call the Callaway Extension office at 573-642-0755 to register.

A.I. Schools

March 25-27th at the Thompson Research Farm in Spickard, MO. Call Mercer County Extension 660-748-3315.

March 27-28 at the Beef Research & Teaching Farm in Columbia, MO. Call the Howard County Extension 660-248-2272.