

Preventing calf scours

By: Tom Mills, County Extension Agent for Agricultural

Why is beef cow nutrition important to preventing calf scours? The majority of fetal growth occurs 30-60 days prior to calving. Since reproduction is so important to the cow, she will shift nutrition to her developing calf. If adequate nutrition is not available, this shift will occur at the expense of the cow losing body weight.

Low energy and low protein nutrient levels effect the strength of newborn calves. Weak calves do not have the ability to consume milk or colostrum within the first 6-12 hours. Since colostrum is high in protein and energy, any nutrient shortage in the cow may affect the amount and quality she produces. Colostrum is the calf's

immunity to disease. Anything that affects the quality of colostrum or the amount that calves consume soon after birth, affects its future immunity.

Research studies have looked at cows being fed low energy/low protein diets starting 100 days before calving to see the effects from shifting to adequate nutrition 30 days prior to calving. Cows fed low energy/low protein rations for the last 100 days before calving had: 91% calves alive at birth; 51% alive at 14 days old; 71% alive at weaning; with 19% of death loss due to scours.

For cows which were moved to adequate nutrient rations 30 days prior to calving: 100% calves alive at

birth; 100% alive at 14 days; 100% alive at weaning; 0% death loss due to scours.

Low nutrition in the form of low energy and low protein feeds are very common in fence and grass hay. Last years Rations Balancing and Condition Scoring Workshop allowed 45 hay samples to be analyzed. All hays were adequate

for dry cows. However, only 3 hays which contained some type legume could meet the cows nutrient needs 30-60 days before calving. Of the hay samples, forty two would require supplemental feed just prior to calving and even more following calving due to much higher demands.

Farmers wishing to participate in the Genetic Improvement Cost-Share Program to purchase bulls or semen should plan on attending a required producers meeting on EPD's Thursday, January 24th at 6:30 p.m. at the Extension office.

Library News

By Kathy McKibben, Children and YA Librarian & Mr. Allen Pressel, Library Board Chairman

On Thursday, January 10, the Rockcastle County Public Library was the recipient of a new flagpole dedicated by the Rockcastle County Kiwanis Club in memory of Kiwanis past President Don Coyle. The Kiwanis Club paid for the 20-foot flagpole that was installed with donated materials and volunteer labor. Donated by Woodmen of the World, the flag was presented by representative, Jan Gill. The Library Board and staff wishes to thank all that had a part in this.

We continue to serve your informational needs, as well as your reading enjoyment. There are several

books in the adult library step in and check them out. "The Cat Who Went Up the Creek" by Lillian Jackson Braun; "Smoke in Mirrors" by Jayne Ann Krentz and "Acorns a Search" by Ann McCaffrey and Elizabeth Ann Scarborough. We also have the state and federal tax forms with instructions.

Story hour is once again a part of the schedule here in our Children's Library. The holidays are over and we are back on our regular schedule of programs. Pre-schoolers are welcome accompanied by an adult every Tuesday at 1:00 p.m. The hour consists of reading, singing, counting, crafts and a snack.

Come on in and make the connection @ your library!

New 4-H/FFA Club to form

The youth and farm families of Rockcastle County are invited to the first meeting of a new club being organized through the joint efforts of Rockcastle County 4-H and Future Farmers of America. The first meeting will be held on Monday, January 28, 2002, beginning at 6:30 p.m. in the Rockcastle County High School Agriculture Department classroom. The first meeting will explore community interest as well as exploring new ideas on re-emphasizing the importance of agriculture in our community.

Any youth under the age of 19 may belong. You may call John McQuary at 256-2400, Pat Craig at 758-0160, or Roy Reynolds at 256-5312 for more information.

21ST CENTURY COMMUNITY LEARNING CENTER Rockcastle County High School Rockcastle County Area Technology Center

Class Offerings

If there is no school due to inclement weather, all classes and activities with 21st Century Community Learning Center at RCHS/RATC and Community Education are cancelled.

Need more information contact:

Trina Bustle, RCHS 21st CCLC Site Coordinator - (606)256-4816
Ralph Baker, RATC 21st CCLC Career Counselor - (606)256-1111
Jenny Sweet, RCHS/RATC 21st CCLC Project Director - (606)256-2125
Kathy Bobo, Community Education Coordinator - (606)256-2125

Learn Basic Windows & Computer Skills for Adults!

Classes are held on Mondays, 6:00 p.m. - 8:00 p.m. at Rockcastle County High School.

- February 4
- February 11
- February 25
- March 18
- March 25

Instructor: Debbie Coleman
For more information or to register, contact Trina Bustle at (606) 256-4816

TATU

Teens Against Tobacco Use

TATU teaches our teens the facts of the health consequences of tobacco use. The RCHS program is a 10-week program taught by Mr. Allen Pressel.

For more information contact Trina Bustle at (606) 256-4816.

Upgrade Your Technology Skills! Basic Internet Class for Adults

Classes are held on Mondays, 6:00 p.m. - 8:00 p.m. at Rockcastle County High School.

- April 8
- April 15
- April 22
- April 29
- May 6

Instructor: Debbie Coleman
For more info or to register, contact Trina Bustle at (606) 256-4816

Need Extra Help?

All tutoring sessions are Mondays and Tuesdays from 3:00-5:00 p.m.
For more information contact Trina Bustle at (606) 256-4816

Student Anger Control Classes

At RCHS in Room #104

Learn how to control your anger! From other work on Tuesday beginning January 1st and continuing until May 20th 3:00-4:00 p.m. Instructed by Terry Hinkle
Contact Trina Bustle at (606) 256-4816 for more information or to register.

Life Skills Class

At Rockcastle Area Technology Center

Classes meet on Tuesdays beginning April 2nd from 3:00-4:00 p.m. in Room #104. For more information or to register, contact Trina Bustle at (606) 256-4816

IS THIS YOU? TAKE DRIVER'S ED!

Mondays and Tuesdays beginning January 21st from 3:00-4:30 p.m. with Mr. David Buddle in Room #030.

For more information or to sign up see Trina Bustle or call (606) 256-4816.

FUTURE EDUCATORS OF AMERICA

Mondays 3:00-5:00 p.m. in Room #031 with Mrs. Judy Bradley.

This club is for any student who may be considering a career in education and teaching.

For more information see Trina Bustle or Judy Bradley or call (606) 256-4816.

GED Tutoring

Be prepared for your GED test!

Offered on Tuesdays from 6:00-8:00 p.m. at Rockcastle County High School!
For more information or to register contact Trina Bustle at (606) 256-4816

Childcare Provided!
Rockcastle County High School Library
Childcare will be provided on Wednesdays from 5:00-8:00 p.m. and on Saturdays from 9:00-12:00 noon by Glenna Carter.

Need to Make Up a High School Credit? Let us Help!
Offered 3:00-5:00 p.m. on Mondays and Tuesdays.
Offered to RCHS students who need to make up credit for a high school course. See Trina Bustle or Dana Singleton for more information or call (606) 256-4816.

Karate/Self Defense
Mondays at Rockcastle County High School 3:00-5:00 p.m. in RCHS Gym (upper level). Instructed by Chris Fieh.
• Work your way toward a black belt!
• Classes are FREE
For more information or to register contact Trina Bustle at (606) 256-4816

KAPLAN ACT PREP COURSE
IN ROOM #122 AT RCHS
ACT Prep Sessions will be held on Wednesdays on the following dates, 5:00-8:00 p.m.:
Feb. 6th
Feb. 13th
Feb. 20th
Feb. 27th
March 2nd
March 9th
March 16th
March 23rd
March 30th
See Trina Bustle for more information or call (606) 256-4816.

FREE! ACT Prep
Get the information you need to successfully complete your ACT exam or improve your current score!
For more information contact Trina Bustle at (606) 256-4816
Offered Mondays and Thursdays from 5:00-7:00 p.m. at RCHS in Room 122.

KREEPS
Become a Member
Meetings held on Mondays, beginning January 14th from 3:00-5:00 p.m. in the RCHS Library.
See Kathy Bobo or Trina Bustle or call (606) 256-4816.

Entrepreneurship Club!
This club is for any student who would someday like to own their business.
On Tuesdays from 3:00-5:00 p.m. in Room #020.
For more information contact Trina Bustle at (606) 256-4816

Microsoft Word Class
At Rockcastle Area Technology Center
On Mondays January 14, 21, 28, 2002
Instructed by Claretta Hodges
This class is free and filling up fast! Anyone interested should sign up immediately!
To sign up contact Ralph Baker at 256-1111 or Kathy Reynolds at 256-4340

Adult Parenting Classes
Mondays, 6:00 p.m. - 8:00 p.m. RCHS Library
• Intro to Parenting: Nurturing, Rules, Routines & Supervision—January 28
• Child Development—February 11
• Discipline & Behavior Management—March 18
• Family Conflicts/Substance Abuse—April 8
• Parenting Teens—April 22
For more information or to register for these classes contact Kathy Bobo at (606) 256-2125.
Funded by Federal Funds from the U.S. Department of Education, 21st Century Community Learning Center RCHS/RATC.

Christian Appalachian Project's Camp Andrew Jackson
Invites you to join us for our Winter Teen Retreat "Bridge the GAP"
Come join us at Camp A.J. for a fantastic weekend of fun, growth and fellowship. Activities include games, hiking, music, a talent show and much more!
February 8-9
Friday 5:00 p.m. - Saturday 3:30 p.m.
Cost is only \$100.
Attention Parents! Rockcastle Youth and Teen Center is now under new management with new policies. Located 1/4 mile past Beech Valley on Hwy. 25E on the right.
For more information contact Beth Schwartz at (606) 256-0216.