

# MYOTONIC GOAT REVIEW

A PUBLICATION OF THE MYOTONIC GOAT REGISTRY



SUMMER 2013

VOLUME 8, ISSUE 3

## THE FLEHMEN RESPONSE

~Submitted by Cindy Bene

Animals are thought to have several extra senses in addition to the normal sight, hearing, taste, touch and smell that we humans possess. These extra senses are:

- altered vision and hearing
- echolocation
- electric and/or magnetic field detection
- supplementary chemical detection senses.<sup>1</sup>

It is the last of these extra senses that comes into play in the Flehmen response. The Flehmen response is described as a grimacing look with open mouth, wrinkled nose, raised chin and sometimes a gaping tongue.<sup>2</sup> This response causes the Jacobson's Organ to open ducts to the nasal cavity to allow the full strength of a scent to enter. By testing the scent, a male goat can "read" whether a female is in oestrus and ready to mate, or to identify any unusual smell. The use of this ability allows a subtle form of communications between members of the same species by allowing perception of delicate odors beyond human perception. It is also believed that this explains an animal's ability to be forewarned about upcoming cataclysmic events such as earthquakes and approaching forest fires.

Most vertebrates use the Jacobson's Organ to detect trace quantities of chemicals such as pheromones and other non-human chemicals. This organ is located in the roof of the mouth just behind the nasal cavity. It was detected by a Danish physician L. Jacobson in the 1800's. The Jacobson's Organ corresponds to the vomeronasal pits in snakes, and is also called the vomeronasal organ in other mammals, including humans. It is thought to be no longer functional in humans.<sup>1</sup>

### References:

<sup>1</sup>"Jacobson's Organ and The Sixth Sense", Anne Marie Helmenstine, Ph.D.

<sup>2</sup>"Flehman" at Tiger Territory website: <http://www.lairweb.org.nz/tiger/flehman.html>



*Pictured at left:*

*Beechkeld 0178  
Mr. Brown  
demonstrates  
the Flehmen  
response*

### SPECIAL POINTS OF INTEREST:

- *From The Farm*
- *The Gourmet Goat*
- *Lebanon, TN Show*
- *MGR Featured Breeder*
- *Stillwater, OK Show*
- *Corydon, IN Show*
- *Ogden, UT Show*
- *Ask Millie*
- *Basic Meat Goat Facts*
- *Feeding Myotonic Goats*



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## FROM THE FARM...



2013 is turning into an amazing year for MGR! As of July 9th we rolled over to the letter "C" to begin registrations with. Each letter of the alphabet requires 10,000 goats to be registered before we roll over to a new letter. The long standing joke inside MGR has been that many of the original supporters would not be around or just not be able to see by the time we reach the letter "Z" however, based on current growth and market projections we will all get to see the letter "Z".

I am so pleased with the excellent job so many breeders are doing by keeping their paperwork up-to-date. It sends a strong message into the market place when buyers can associate an MGR registration certificate with trustworthy breeders who offer correct and prompt paperwork. There is nothing greater than to have people who take such pride in their breeding programs.

I would like to thank each of you for giving your buyers a MGR Breeder's Application. Please remember that when your buyer submits this to MGR with your name and breeder number filled in at the bottom you receive a coupon for a free registration. This program has worked well the last several years and will be continued by MGR.

After reviewing our growth over the last few years I expect to see

MGR reach 800 active breeders by the end of the year. Even with all of the growth MGR's office is currently processing most all paperwork within three days. Mail between the USA and Canada seems to be back on track after a rather rough time last spring. I am delighted that MGR is able to offer such good service.

Our fall show schedule is coming together nicely with events across the country. Please check the MGR show page as we are updating information as it becomes available. Attending shows is always a great way to get to know other breeders and learn even if you are not showing. I would like to encourage all of you who can, to get out and join in on events offered by MGR.

~Tara

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## NOTICE OF CHANGE

Looking to the future of the breed is very important not only for its preservation but also for the acceptance of the Myotonic as a breed. One of the ongoing problems in that acceptance is that as a landrace breed it has many different looks, and therefore cannot be given a breed standard that will cover the breed. This is the reason MGR has in the past only used a Breed Description.

How do we get this to be an accepted breed by the industry and also be able to have a breed standard that will indeed allow for a true conformation? Not a simple or quick task to do. However, we will begin on 01/01/2013 to initiate our first step by closing the registry to allow only bucks that have two (2) registered MGR parents.

How does this help? We must accept that our Bucks are one half of our herd. Therefore, if no new bucks are allowed into the MGR registry then we will begin to see a particular look begin to shape within this registry. This will not happen overnight but is a start to progressively moving the Myotonics into a breed that can be recognized instantly by breeders.

**Remember: as of 01/01/2013 Bucks without TWO registered MGR parents will not be allowed to be registered---no exceptions.**

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## THE GOURMET GOAT: BANANA MILK SHAKE

### Ingredients:

- 1 cup MEYENBERG Evaporated Goat Milk
- 1 ripe banana
- 1 tbsp honey, sugar or equivalent sweetener
- 1 thin slice lemon
- 2 cups ice
- Nutmeg (optional)



Recipe courtesy of  
Meyenberg Goat Milk Products

### Instructions:

Mix evaporated goat milk, banana, lemon and sweetener together in blender on high speed. Add ice gradually; blend until slushy. Sprinkle with nutmeg if desired. Makes 3 servings.

Visit <http://meyenberg.com> to find other delicious goat milk recipes!

## MGR ADVERTISING GUIDELINES

- All ads must be goat related. The acceptance and publishing of any ad will be the final decision of the owner and editors of MGR. The ad submitted must be copy ready. Please keep file size to a minimum! Preferred format for electronic submissions is .pdf or Word format.
- Ads should be submitted one month prior to Newsletter release date. The Newsletter is quarterly so release dates are in January, April, July and October. Release dates may be adjusted as needed and every effort will be made to include any ads that did not get submitted a month in advance.
- **The rates for active MGR breeders are as follows:**
  - \*Business card ad: \$21 per year (4 issues), \$7 per issue; 2 1/4" x 3 3/8"
  - \*1/4 page ad: \$27 per year, \$9 per issue; 3 1/2 x 4 1/2"
  - \*1/2 page ad: \$48 per year, \$16 per issue; 4 1/2 x 7 1/4"
  - \*Full page ad: \$90 per year, \$30 per issue; 7 1/4 x 9 1/4"
  - Classified ads: \$0.30 per word.
- **Rates for businesses or non-MGR breeders are:**
  - \*Business card ad: \$48 per year (4 issues), \$16 per issue; 2 1/4" x 3 3/8"
  - \*1/4 page ad: \$60 per year, \$20 per issue; 3 1/2 x 4 1/2"
  - \*1/2 page ad: \$90 per year, \$30 per issue; 4 1/2 x 7 1/4"
  - \*Full page ad: \$180 per year, \$60 per issue; 7 1/4 x 9 1/4"
  - Classified ads: \$0.60 per word.
- Classified ads must be renewed each issue.
- If you select a per issue ad, you can specify in which issue you would like the ad to appear. Actual location of ad in the Newsletter is at the Editor's discretion. Be sure to submit your ad early!
- Sizes given are to allow for the border on the newsletter page.



Please send your ad with payment to:

**Myotonic Goat Registry**  
3174 Valley Ford Road  
Adger, AL 35006

Questions? Contact Cindy Bene at 757- 357-6951  
or via email at [candjbene@gmail.com](mailto:candjbene@gmail.com)

## LEBANON, TN SHOW

MGR Spring Spectacular Shows were held at the James E. Ward Ag Center in Lebanon, TN  
 Show A was held March 15, 2013 and judged by Tim Ervin  
 Show B was held March 16, 2013 and judged by Lowell Walker

### MGR Spring Spectacular Show A

### MGR Spring Spectacular Show B

#### Junior Champion Doe

Woody Creek Farm Shockwave	Debbie Mullins
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Woody Creek Farm Shockwave	Debbie Mullins
----------------------------	----------------

#### Reserve Junior Champion Doe

B's Barn Orange Blossom Special	Judy & Ron Balmer
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Fern Hill Gem	Prissy Chilcutt
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#### Senior Champion Doe

7 Fainting Acres Kristine	7 Fainting Acres
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Buck Creek Hanna	Ben & Lynnsey Dauer
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#### Reserve Senior Champion Doe

S-L Miss Frances	Beth & Wally Kornegay
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Titan Farms Bunny	Ben & Lynnsey Dauer
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#### Grand Champion Doe

7 Fainting Acres Kristine	7 Fainting Acres
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Woody Creek Farm Shockwave	Debbie Mullins
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#### Reserve Grand Champion Doe

S-L Miss Frances	Beth & Wally Kornegay
------------------	-----------------------

Buck Creek Hanna	Ben & Lynnsey Dauer
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#### Junior Champion Buck

Fern Hill Diablo	Prissy Chilcutt
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Fern Hill Diablo	Prissy Chilcutt
------------------	-----------------

#### Reserve Junior Champion Buck

Fern Hill Dark Knight	Prissy Chilcutt
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Buck Creek Shakespeare	Ben & Lynnsey Dauer
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#### Senior Champion Buck

Woody Creek Farm Mr. Incredible	Ben & Lynnsey Dauer
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Woody Creek Farm Steel Connection	Debbie Mullins
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#### Reserve Senior Champion Buck

Buck Creek Romeo	Ben & Lynnsey Dauer
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Woody Creek Farm Magnum	Debbie Mullins
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#### Grand Champion Buck

Woody Creek Farm Mr. Incredible	Ben & Lynnsey Dauer
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Woody Creek Farm Steel Connection	Debbie Mullins
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#### Reserve Grand Champion Buck

Fern Hill Diablo	Prissy Chilcutt
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Woody Creek Farm Magnum	Debbie Mullins
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#### Junior Champion Wether

7 Fainting Acres Blue Streaker	7 Fainting Acres
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Outlaw Farms George of the Jungle	Tara & Joe Lawrence
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#### Reserve Junior Champion Wether

7 Fainting Acres Sweet Nothing	7 Fainting Acres
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X	X
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#### Senior Champion Wether

Wells Bama Boy	Michael Clint Goza
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Brassring Big Hoss	Lisa Edinger
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#### Reserve Senior Champion Wether

Wells Little Man Friday	Zona Johnson
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Outlaw Farms Octavius	Ellen Pittman
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#### Grand Champion Wether

Wells Bama Boy	Michael Clint Goza
----------------	--------------------

Brassring Big Hoss	Lisa Edinger
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#### Reserve Grand Champion Wether

7 Fainting Acres Blue Streaker	7 Fainting Acres
--------------------------------	------------------

Outlaw Farms George of the Jungle	Tara & Joe Lawrence
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## MGR BREEDER MORGAN SIZEMORE

Goats and Critters is a small farm located in the “one horse town” of Catawba, Virginia, just outside the city of Roanoke. Around the farm we have all sorts of critters running around such as Horses, Chickens, Peacocks, Guineas, rabbits and of course Goats.

We have a small but quality herd of goats. Our fainters are by far our favorite. We started out about two years ago with a few goats to eat down the fields and ended up being hooked. We saw the wonderful personalities and their loving nature that is just priceless! So of course we had to have more.

We aim for the smaller size and we have both short and long-haired goats. We recently bought a couple of polled and tri-colored goats so we could get all kinds of colors.

We spend a lot of time with our goats on a daily basis and handle them as much as possible. We keep our goats in a clean and healthy environment and of course we spoil them as well. All of our goats are wormed, vaccinated, and we keep their hooves trimmed on regular basis. We want people to see what we offer to them as well as what an enjoyment they are to us.



*Pictured above: some of our goats  
Pictured below: Billy, one of our bucks*



**You can contact us at:**  
<http://goatsandcritters.com/>



*Pictured above: Morgan and some of the critters  
Pictured at right: Morgan getting goat kisses*



## STILLWATER, OK SHOW

Shows were held March 23, 2013  
 Judge for Okie Classic Show: Cameron De Borde  
 Judge for Redneck Round-Up Show: Joe Teel

### Okie Classic

### Redneck Round-Up

#### Junior Champion Doe

S-L Hot Lady Gaga Bone	Rick & Nancy Geeslin	Hillside Acres Paisley	Tom & Maggie Raby
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#### Reserve Junior Champion Doe

Bakken's Farm Jewel	Linda & Leroy Bakken	Bakken's Farm Mia	Linda & Leroy Bakken
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#### Senior Champion Doe

Bakken's Farm Malinda	Linda & Leroy Bakken	S-L Superman Hotlips Cookie	Rick & Nancy Geeslin
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#### Reserve Senior Champion Doe

S-L Superman Hotlips Cookie	Rick & Nancy Geeslin	Hillside Acres Jewel	Tom & Maggie Raby
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#### Grand Champion Doe

S-L Hot Lady Gaga Bone	Rick & Nancy Geeslin	Hillside Acres Paisley	Tom & Maggie Raby
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#### Reserve Grand Champion Doe

Bakken's Farm Malinda	Linda & Leroy Bakken	Bakken's Farm Mia	Linda & Leroy Bakken
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#### Junior Champion Buck

Wolf River Malachi	Rick & Nancy Geeslin	Bakken's Farm Copperhead	Linda & Leroy Bakken
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#### Reserve Junior Champion Buck

Bakken's Farm Copperhead	Linda & Leroy Bakken	SL Redbud 8 JNR	Rick & Nancy Geeslin
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#### Senior Champion Buck

Bakken's Farm Kansas Outlaw	Linda & Leroy Bakken	Bakken's Farm Kansas Outlaw	Linda & Leroy Bakken
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#### Reserve Senior Champion Buck

Wolf River Sassafras	Rick & Nancy Geeslin	Bakken's Farm Kid Rock	Tom & Maggie Raby
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#### Grand Champion Buck

Bakken's Farm Kansas Outlaw	Linda & Leroy Bakken	Bakken's Farm Kansas Outlaw	Linda & Leroy Bakken
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#### Reserve Grand Champion Buck

Wolf River Sassafras	Rick & Nancy Geeslin	Bakken's Farm Kid Rock	Tom & Maggie Raby
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#### Junior Champion Wether

BDF Roundabout	Leonie Dysart	BDF Roundabout	Leonie Dysart
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#### Reserve Junior Champion Wether

Jatari Farms Charlie	Emma Davis	X	X
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#### Senior Champion Wether

Wolf River Red Moon	Rick & Nancy Geeslin	Wolf River Red Moon	Rick & Nancy Geeslin
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#### Reserve Senior Champion Wether

Wolf River Mikey	Rick & Nancy Geeslin	Hillside Acres Zeus	Conner Snelling
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#### Grand Champion Wether

Wolf River Red Moon	Rick & Nancy Geeslin	Wolf River Red Moon	Rick & Nancy Geeslin
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#### Reserve Grand Champion Wether

Wolf River Mikey	Rick & Nancy Geeslin	Hillside Acres Zeus	Conner Snelling
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# Meat Goat Monthly News

**The Official Magazine of the MGR!**



Featuring Monthly Articles about;

- \* Informative and Recreational Content
- \* Market Reports
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For questions or comments, please call (325) 655-4434 or e-mail info@ranchmagazine.com



**Happy Summer from the folks at MGR!**

## Moonlight Farms



Registered Fainting Goats

**Cindy & James Bene**  
757-357-6951

candjbene@gmail.com

www.moonlightfarms.com

## CORYDON, IN SHOW

Shows held at the Harrison County Fairgrounds in Corydon, IN  
 Buck Creek Classic 1 held May 10, 2013 and judged by Robert Beasely  
 Buck Creek Classic 2 held May 11, 2013 and judged by Jimmy Dowell  
 Buck Creek Classic 3 held May 11, 2013 and judged by Wade Buntin

### Buck Creek Classic Show 1

#### Junior Champion Doe

Fern Hill Gem	Prissy Chilcutt
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#### Reserve Junior Champion Doe

Fern Hill Eureka	Prissy Chilcutt
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#### Senior Champion Doe

Buck Creek Hanna	Ben & Lynnsey Dauer
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#### Reserve Senior Champion Doe

Titan Farms Bunny	Ben & Lynnsey Dauer
-------------------	---------------------

#### Grand Champion Doe

Buck Creek Hanna	Ben & Lynnsey Dauer
------------------	---------------------

#### Reserve Grand Champion Doe

Titan Farms Bunny	Ben & Lynnsey Dauer
-------------------	---------------------

#### Junior Champion Buck

Fern Hill Dark Knight	Prissy Chilcutt
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#### Reserve Junior Champion Buck

Fern Hill Diesel	Prissy Chilcutt
------------------	-----------------

#### Senior Champion Buck

Woody Creek Farm Mustang	Debbie Mullins
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#### Reserve Senior Champion Buck

B's Barn Wind Chill	Jill Wallace
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#### Grand Champion Buck

Woody Creek Farm Mustang	Debbie Mullins
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#### Reserve Grand Champion Buck

B's Barn Wind Chill	Jill Wallace
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#### Junior Champion Wether

Wallace's Crazy Acres Kemper	Jill Wallace
------------------------------	--------------

#### Reserve Junior Champion Wether

Pint Size Blanco	Jan Likens
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#### Senior Champion Wether

B's Barn Stewart	Linda & Macy Ferris
------------------	---------------------

#### Reserve Senior Champion Wether

Woody Creek Rockin Robin	Macy Ferris
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#### Grand Champion Wether

B's Barn Stewart	Linda & Macy Ferris
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#### Reserve Grand Champion Wether

Woody Creek Rockin Robin	Macy Ferris
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### Buck Creek Classic Show 2

Woody Creek Farm O'Hot Comet	Ben & Lynnsey Dauer
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Fern Hill Gem	Prissy Chilcutt
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Buck Creek Hanna	Ben & Lynnsey Dauer
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Titan Farms Carley	Ben & Lynnsey Dauer
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Buck Creek Hanna	Ben & Lynnsey Dauer
------------------	---------------------

Titan Farms Carley	Ben & Lynnsey Dauer
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Fern Hill Dark Knight	Prissy Chilcutt
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Buck Creek Falcon	Ben & Lynnsey Dauer
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Woody Creek Farm Mustang	Debbie Mullins
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Buck Creek Romeo	Ben & Lynnsey Dauer
------------------	---------------------

Woody Creek Farm Mustang	Debbie Mullins
--------------------------	----------------

Buck Creek Romeo	Ben & Lynnsey Dauer
------------------	---------------------

Wallace's Crazy Acres Kemper	Jill Wallace
------------------------------	--------------

Pint Size Blanco	Jan Likens
------------------	------------

Woody Creek Rockin Robin	Macy Ferris
--------------------------	-------------

B's Barn Stewart	Linda & Macy Ferris
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Woody Creek Rockin Robin	Macy Ferris
--------------------------	-------------

B's Barn Stewart	Linda & Macy Ferris
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# CORYDON, IN SHOW CONTINUED

## Buck Creek Classic Show 3

### Junior Champion Doe

Woody Creek Farm O'Laila	Debbie Mullins
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### Reserve Junior Champion Doe

Fern Hill Fire Glow	Prissy Chilcutt
---------------------	-----------------

### Senior Champion Doe

Woody Creek Farm O'Blu Moon	Debbie Mullins
-----------------------------	----------------

### Reserve Senior Champion Doe

Fern Hill Impreza	Prissy Chilcutt
-------------------	-----------------

### Grand Champion Doe

Woody Creek Farm O'Blu Moon	Debbie Mullins
-----------------------------	----------------

### Reserve Grand Champion Doe

Woody Creek Farm O'Laila	Debbie Mullins
--------------------------	----------------

## Buck Creek Classic Show 3

### Junior Champion Buck

Fern Hill Dark Knight	Prissy Chilcutt
-----------------------	-----------------

### Reserve Junior Champion Buck

Buck Creek Shakespeare	Ben & Lynnsey Dauer
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### Senior Champion Buck

Woody Creek Farm Mustang	Debbie Mullins
--------------------------	----------------

### Reserve Senior Champion Buck

Buck Creek Romeo	Ben & Lynnsey Dauer
------------------	---------------------

### Grand Champion Buck

Woody Creek Farm Mustang	Debbie Mullins
--------------------------	----------------

### Reserve Grand Champion Buck

Buck Creek Romeo	Ben & Lynnsey Dauer
------------------	---------------------

## Buck Creek Classic Show 3

### Junior Champion Wether

Wallace's Crazy Acres Kemper	Jill Wallace
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### Reserve Junior Champion Wether

Pint Size Blanco	Jan Likens
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### Senior Champion Wether

Wells Little Man Friday	Zona Johnson
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### Reserve Senior Champion Wether

Woody Creek Rockin Robin	Macy Ferris
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### Grand Champion Wether

Wallace's Crazy Acres Kemper	Jill Wallace
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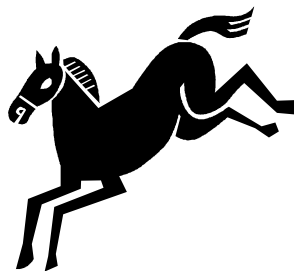
### Reserve Grand Champion Wether

Wells Little Man Friday	Zona Johnson
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## RUMINATIONS



Fear the goat from the front,



the horse from the rear,

And man from all sides...

~Russian proverb

**OGDEN, UT SHOW**

**Rocky Mountain Fainting Goat Show**  
**Show held May 24, 2013 at the Golden Spike Events Center**  
**Ogden, UT**  
**Judge: Sue Johnson**

**Utah Myotonic Goat Classic****Junior Champion Doe**

Jamcin's Ranch Maja	Painted Rose Ranch
---------------------	--------------------

**Reserve Junior Champion Doe**

3 Dubs Acres Alohanani	3 Dubs Acres
------------------------	--------------

**Senior Champion Doe**

Bells Goats Rosie	Bells Goats
-------------------	-------------

**Reserve Senior Champion Doe**

Ahart Acres Taboo	Painted Rose Ranch
-------------------	--------------------

**Grand Champion Doe**

Bells Goats Rosie	Bells Goats
-------------------	-------------

**Reserve Grand Champion Doe**

Jamcin's Ranch Maja	Painted Rose Ranch
---------------------	--------------------

**Junior Champion Buck**

Painted Rose Ranch TaMere	Painted Rose Ranch
---------------------------	--------------------

**Reserve Junior Champion Buck**

Painted Rose Ranch Hickory Ridge	Painted Rose Ranch
----------------------------------	--------------------

**Senior Champion Buck**

3 Dubs Acres Razamataz	3 Dubs Acres
------------------------	--------------

**Reserve Senior Champion Buck**

CMR Hickory	Painted Rose Ranch
-------------	--------------------

**Grand Champion Buck**

3 Dubs Acres Razamataz	3 Dubs Acres
------------------------	--------------

**Reserve Grand Champion Buck**

CMR Hickory	Painted Rose Ranch
-------------	--------------------

**Junior Champion Wether**

Painted Rose Ranch Kaden	Rising S Ranch
--------------------------	----------------

**Reserve Junior Champion Wether**

Triple T Bubba	Triple T Ranch
----------------	----------------

**Best in Show**

Bells Goats Roxie	Bells Goats
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**Best Wether in Show**

Painted Rose Ranch Kaden	Rising S Ranch
--------------------------	----------------

## ASK MILLIE

**Question: How do I calculate the dose of a liquid medication?**

**How do I calculate the dose of a powder or paste medication?**



**MLF Millefiori**

**Millie says:**

**How do I calculate the dose of a liquid medication?**

The example we will use is a non-existent drug called “Wonder Wormer.” You will need three pieces of information to calculate the dose in milliliters, or ml.

1. Determine the goat’s weight. Your goat weighs 110 lbs. Convert pounds to kilograms (kg) by dividing the pounds by 2.2. So 110 divided by 2.2 equals **50 kg**.
2. Determine the concentration of the medication. The literature that comes with this medication or the label on the bottle states something along the lines of **“Each milliliter (ml) contains 100 milligrams (mg) of Wonder Wormer.”** Some medications come in different strengths so make sure you read the label.
3. What is the recommended dosage rate according to the literature? This product information states **“recommended dosage is 5 mg per kg.”** Be aware that some medications may have different dosage rates depending on whether the product is being used just as a preventative or is being used as a treatment.

Now you are ready to do the math. The formula is:

Liquid dose in ml = recommended dose in mg/kg multiplied by animal’s weight in kg divided by the concentration of drug in mg/ml.

Don’t let the math intimidate you. Using the 3 pieces of information above:

$$\text{Liquid dose in ml} = \frac{5 \text{ mg/kg} \times 50 \text{ kg}}{100 \text{ mg/ml}} = \frac{250}{100} = 2.5 \text{ ml dose for this animal}$$

**How do I calculate the dose of a powdered or paste medication?**

You need the same three pieces of information: the goat’s weight in kg, the concentration of the medication and the recommended dosage rate to calculate the dosage in grams. For this example, we’ll use the same goat that weighs **50 kg**, the **concentration of the powdered medication is 100 mg/gram**, and the recommended dose is **10 mg/kg**.

$$\text{Powdered or paste dose in grams} = \frac{10 \text{ mg/kg} \times 50 \text{ kg}}{100 \text{ mg/gram}} = \frac{500}{100} = 5 \text{ gram dose for this animal}$$

**“See you next time!”**



## BASIC MEAT GOAT FACTS

### Reproductive Aspects

Female	
Age of puberty	7-10 months
Breeding weight	60-75% of adult weight
Estrous cycle:	
Length	18-22 days
Duration	12-36 hours
Signs	Tail wagging, mounting, bleating
Ovulation	12-36 hours from onset of standing heat
Gestation length	146-155 days
Breeding season	August-January
Seasonal anestrus	February-July
Buck effect on estrus	Positive

Male	
Age of puberty	4-8 months
Breeding weight	8-10 months
Breeding season	All year
Breeding ratio	1 buck: 20-30 does

Physiologic Data	
Temperature	101.7 -104.5
Heart Rate	70-80 beats/minute
Respiratory Rate	12-15/minute
Ruminal Movements	1-1.5/minute

*Continued next page*



# BEECHKELD FARM

## FAINTING GOATS

**PHIL AND TORSTEN SPONENBERG**  
**2620 BISHOP ROAD**  
**BLACKSBURG, VA 24061**

**540-552-0113**  
**GOATS IN ALL COLORS, ALL AGES**

## BASIC MEAT GOAT FACTS CONTINUED

### Rules for Goat Health

- Provide proper housing
- Practice good sanitation
- Provide adequate nutrition
- Provide clean water
- Observe how much feed (hay, minerals, concentrate) is left over
- Observe your animals daily
- Observe the feces of your animals
- Clean pastures and exercise lots
- Become familiar with the common diseases
- Investigate the source of strange smells
- Use your veterinarian for diagnosis

### A Healthy Goat

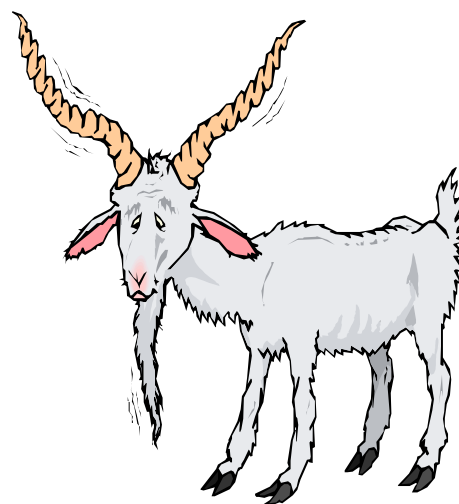
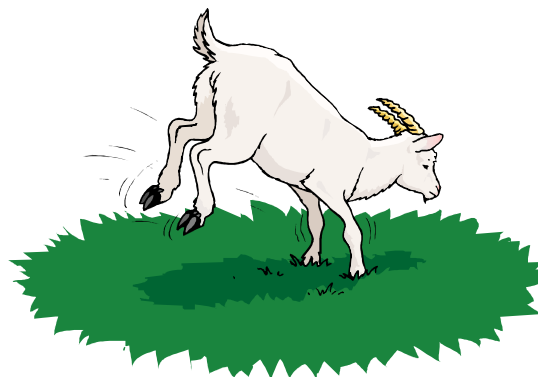
- Eats well
- Chews its cud
- Has a shiny coat
- Has strong legs and feet
- Is sociable
- Has bright and clear eyes

### Signs of Illness

- Off feed, off water
- No sign of cud chewing
- Standing apart from group
- Rough hair coat
- Abnormal temperature
- Heavy mucous in nose and mouth
- Diarrhea
- Runny eyes
- Limping
- Hair falling out
- Swelling on any part of body
- Pale mucosa of eyes and mouth

### Source:

*Animal Science Facts*  
 Publication Number ANS 00-606MG  
 Extension Animal Husbandry  
 Department of Animal Science  
 Jean-Marie Luginbuhl  
 Extension Meat Goat Specialist  
 North Carolina State University  
 College of Agriculture & Life Sciences



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## FEEDING MYOTONIC GOATS

~D. P. Sponenberg

Feeding Myotonic Goats can be somewhat troublesome if owners forget that these are ruminants. Ruminants function completely differently than people, and it is only possible to feed them correctly when owners realize the differences.

The main difference in ruminants is the rumen! This is a large "fermentation vat" that serves as a reservoir for grass, browse, and other goodies before these really hit the true stomach. The strategy here is that the rougher forages are held here and fermented, and are periodically rechewed by the goat. This happens when the goat chews its cud - it is bringing up part of the rumen contents to chew them up finer, which allows the fermentation to occur more completely.

The action of the rumen allows goats to consume and digest feeds that people would find completely indigestible. It is a great device for making use of forages. However, it must be remembered that feeding of ruminants is largely an exercise in maintaining a healthy rumen. Rumens work best when everything is kept as constant as possible - the same sorts of feed offered in the same form, at the same time of day. Huge and sudden changes in diet make for a crash in some of the organisms in the rumen, and an explosion in others. The result can be, and usually is, disastrous for the goat.

What to stick into this rumen is going to vary region to region and goat to goat. As a general rule, high quality forage is the best all-around feed for goats. The goats need the fiber and roughage in the forage in order for the rumen to physically move and work well. If fiber and roughage are missing, the rumen simply does not work very well. If space allows, then grazing and browse are the best.

For many owners on small acreages, browsing and grazing may not be sufficient for goats. A good grass hay is usually sufficient to supplement whatever is available.

Forage or hay should be basically fed "free choice" or as much as the goats will consume. They cannot overeat on forage!

It is a mistake to think that goats need "deluxe" forages such as alfalfa - for many reasons grass tends to be better for them. Alfalfa has two problems for most goats - one is a relatively high protein, and the other is a relatively high calcium.

Many owners will also supplement forage or hay with some sort of supplemental concentrate. This generally means a grain-based diet, and many are available. These are usually like candy to a goat - so they will WANT to eat much more than is good for them. Many recommendations are made for high-producing dairy goats. Such goats are larger as well as much more metabolically active than are Myotonic Goats, and to feed a Myotonic Goat the amounts and types of rations geared for a dairy goat is to court disaster.

Some concentrates come already mixed, such as sweet feeds. These are almost irresistible to feed for some goat owners as the goats REALLY like them! These should be used in moderation, though. In most situations, where forage or hay are fed free-choice, grain can be limited to very little. My own larger-type Myotonic do very well on no more than about 1/4 pound of grain per day in the winter or when lactating, which are the biggest drains on them. Most of them get substantially less than this - and this is not much grain! A goat that is not pregnant or lactating should rarely need any grain at all - although sometimes the owner has a psychological need to feed SOMETHING and grain is usually the answer to that need. Feed grain cautiously!

To the forage and grain should always be added a mineral mix that is appropriate for your area. The mineral contents of feeds vary considerably in different areas of the country, so that a single recommendation will not work across the country. Goats do need copper, though, so that the minerals

formulated for cattle generally work much better for goats than do those formulated for sheep. Copper kills sheep, while goats and cows need it!

The dangers in feeding goats incorrectly are numerous. A very sudden change - especially a slug-load of grain, can result in acute and life-threatening grain overload with acidosis. These are very, very sick goats. Overfeeding of grain can also result in polioencephalomalacia, which is usually a blind, down, goat that will die pretty quickly unless treated.

More insidious and long-term dangers are no less lethal. Kidney stones are one problem that can happen more frequently when goats are fed lots of alfalfa or lots of grain. Overfeeding of these can result in urinary blockage, and this is a very painful condition for goats and is ultimately lethal in many cases. These can be managed with urine acidifiers, but are easiest if managed by feeding goats correctly in the first place.

Finally - the most important nutrient is WATER, and a ready source of clean, unfrozen water can go great lengths toward assuring that a goat's digestive tract (and urinary tract) are working properly.



**"Don't Delay..."**



**"Renew Today!"**

Myotonic Goat Registry  
3174 Valley Ford Road  
Adger, AL 35006

**2013 Annual Breeder Fee Invoice  
&  
Breeder Information Update**

**Name:**

**MGR Breeder Number:**

**Address:**

**Phone:**

**Email Address:**

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**Please take a moment to update your breeder information so the website and database will reflect your current information. Print legibly!**

**Submit this form (photocopy okay) along with your renewal fee of \$24 for the year 2013 to the address given above.**

**Please disregard this invoice if you have already renewed your annual breeder fee or have a different renewal date. Thank you for continuing to support Myotonic Goat Registry.**

**BREEDER ANNUAL FEES WERE DUE BY JANUARY 31, 2013  
IN ORDER TO RETAIN YOUR ACTIVE STATUS.**





**Myotonic Goat Registry**  
 3174 Valley Ford Road  
 Adger, AL 35006

**Phone: 205-425-5954**

**E-mail: [myotonicgoatregistry@yahoo.com](mailto:myotonicgoatregistry@yahoo.com)**

**Website: [www.myotonicgoatregistry.net](http://www.myotonicgoatregistry.net)**

The Myotonic Goat Registry was formed in 2005 as a sole ownership registry by Gene McNutt with input from an initial Board of Advisors made up of Dr. Phil Sponenberg and Barbara Roberts. The current Board of Advisors also includes Cindy Bene, Judy Balmer, Jan Likens and Dian Naumann. The owner and Board of Advisors will make decisions concerning the registry and its procedures. This method of governance is meant to provide Myotonic Goat breeders with a registry that will not have frequent changes, and will have the longevity and consistency needed to successfully promote the Myotonic Goat breed, while at the same time make it responsive to the needs and wishes of the breeders. In 2009, Gene retired and the registry was sold to Tara Lawrence. As the Myotonic Goat Registry grows, additional Board of Advisor members may be added in order to more broadly represent the breeders. The owner, along with the Board of Advisors, will be responsible for providing for its own replacements and/or expansions.

The Myotonic Goat Registry takes into consideration all breeders, from pet owners to commercial meat growers. Regardless of which aspect of this breed appeals to you, the Myotonic Goat Registry is the place for all breeders to register their Myotonic Goats.

The Registry will help breeders promote their goats through sales, shows, and advertising, and will educate the public about the Myotonic Goat and its usefulness in a variety of settings.

## WELCOME NEW MGR BREEDERS

Sonia Antunes, ME  
 Patty Bagosy, IL  
 Lynn Beard, WI  
 Jeff Brissette, CT  
 Savanna Brown, LA  
 Sherry Brunet, LA  
 Mardie & Ray Cunningham, TX  
 Brian Curry, SD  
 Kenneth & Stephanie Garwood, NC  
 Dave Hileman, VA  
 William Brian & Amber Leah Hodges, VA  
 John Gray, Judy & Russell Hogan, MI  
 Angela Hokanson, TX  
 Katelyn Holt, IN  
 Jason & Gina Horan, OH  
 Sheritza & Mark Howell, and Phillip & Sherry Shaub, TN  
 David & Heather Hyde, TX  
 Josh Johnson, WI  
 Vicky Johnson, WI  
 Kaylee Kinder, IN  
 Kathleen LaDue, MD

Suzanne Leeke, IN  
 Jonathan & Angelle Lippert, VA  
 Dalena Malone, OK  
 Kathy McFarlane, TN  
 Joshua Neuhaus, TN  
 Laurel R. Peck, WA  
 Heather Rice, IL  
 Tim & Maria Elena Richardson, TX  
 Tara & Charlie Ricker, IL  
 Heather Rozzo, CA  
 John & Lisa Salmi, NC  
 Judy Sherley, CA  
 Carrie Snodgrass, NJ  
 Scott Stringer, GA  
 Kenneth Swallow, UT  
 Mallarie Thomas, LA  
 Dwayne L. Waddle, TN  
 Randy & Tracy Williams, SC  
 David Williamson, MS  
 Kelly C. Wilson, NC

## BREEDER STATISTICS

As of  
 June 1, 2013 there  
 were 581  
 registered breeders  
 in the Myotonic  
 Goat  
 Registry.



Myotonic Goat Registry  
3174 Valley Ford Road  
Adger, AL 35006

TO:



Phone: 205-425-5954  
E-mail: [myotonicgoatregistry@yahoo.com](mailto:myotonicgoatregistry@yahoo.com)  
Website: [www.myotonicgoatregistry.net](http://www.myotonicgoatregistry.net)