

# PENNSYLVANIA ANGUS ASSOCIATION

CELEBRATING OVER 60 YEARS AS AN ASSOCIATION

[www.paangus.org](http://www.paangus.org)

December, 2016

## ***INSIDE THIS ISSUE :***

***AOP SALE REPORT***

***NEWS! NEWS! JUNIOR NEWS!***

***FINEST FEMALE SALE INFO INSIDE 3/31/17***

***ANNUAL BANQUET NEW DATE 1/6/17***

***FRIDAY NIGHT, RED LION HOTEL  
HARRISBURG***

***MEMBERSHIP RENEWAL***





**2016 PA ANGUS ASSOCIATION  
OFFICERS AND DIRECTORS**

**President**

Gene Trowbridge  
6290 SR 3001 Meshoppen, PA 18630  
570-833-4482

[geneval@epix.net](mailto:geneval@epix.net)

**Vice-President**

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2785 Tadpole Rd. PA Furnace, PA 16865  
814-692-7759

[wlandispsu@gmail.com](mailto:wlandispsu@gmail.com)

**Secretary**

Jamie Brozman  
354 Township Line Rd. Nazareth, PA 18064  
Phone: 484-221-3455

[justenuffangus@gmail.com](mailto:justenuffangus@gmail.com)

**Treasurer**

Brad Bishard  
1787 Seven Valleys Rd. York, PA 17408  
Phone: 717-792-9268

[bradbishard@hotmail.com](mailto:bradbishard@hotmail.com)

**Directors**

Dale Rains	Dennis Byrne
Gene Nolt	Deric Horting
Steve Upperman	Del Voight
John Nichols	Mindy Seese
Tim Livingston	Kyle Grim
Chad Cash	Greg Mckean

**Advertising Rates**

Full Page	\$100.00
½ Page	\$75.00
Business Card	\$100.00/year
E-blast	\$25.00

**Next Deadline 1/15/17 to place advertising,  
submit news, or an editorial comment contact:**

Jamie Brozman – 484-221-3455  
[justenuffangus@gmail.com](mailto:justenuffangus@gmail.com)

**2017 PA ANGUS ASSOCIATION  
MEMBERSHIP (NEW/RENEWAL)**

***Please complete this form and return by  
January 15<sup>th</sup>, 2017***

**PLEASE PRINT !!**

OWNER

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FARM NAME

---

ADDRESS

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CITY/STATE/ZIP

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PHONES-HOME/CELL/FAX/FARM

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EMAIL/WEBSITE ADDRESS

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COUNTY

\_\_\_\_\_ \$35 – ONE YR FARM MEMBERSHIP  
\_\_\_\_\_ \$2 – LADIES AUXILLARY MEMBERSHIP  
\_\_\_\_\_ \$5 – JUNIOR LIFETIME MEMBERSHIP  
(THRU AGE 21).

PLEASE INCLUDE JR NAME & BD

**TOTAL MEMBERSHIP DUES**

**ANNUAL BANQUET RESERVATIONS  
FRIDAY, JANUARY 6, 2017  
Red Lion Hotel, Harrisburg @ 4751 Lindle Rd.  
Harrisburg, PA 17111  
5:30-6:30 social hour; dinner 6:30 p.m.  
**Reservations essential! Cutoff Jan 2, 2017****

\_\_\_\_\_ Adult dinners @ \$20  
\_\_\_\_\_ Children 10 & under @ \$14  
\_\_\_\_\_ **TOTAL BANQUET RESERVATIONS**  
\_\_\_\_\_ Business Card Ad, Newsletter \$100/yr

**TOTAL ENCLOSED**

**Make check payable to PA ANGUS ASSOCIATION  
mail to Jamie Brozman, Secretary,  
354 Township Line Rd. Nazareth, PA 18064;  
484-221-3455  
[Justenuffangus@gmail.com](mailto:Justenuffangus@gmail.com)**



**Thank you**

**Endless Mountains Angus Farm  
Trowbridge Family**

for generously donating the Beef  
for the 2017 banquet it will be  
EXCELLENT!





## Message from our President

Dear Angus Friends,

It is truly amazing how fast time can go by. It is hard to believe that 3 years have passed since becoming President. We are also at the end of another year and with the Holiday Season upon us, I believe that this is a great time of year and also a time to reflect and to be thankful for all of life's blessings. With this being my last President's letter, I would like to express to you all how privileged and truly humbled I am to have been able to represent you and our Pennsylvania Angus Association. You all are an extraordinary group of people to make up this organization and I am thankful to you for the opportunity to serve as President for these past 3 years.

This past year has been another great year. Regarding our Junior Association, they are a very active group of young men and women and we should all be proud of their accomplishments. This past June, they hosted and had a very successful Eastern Regional Show in Harrisburg. All the work they do and the activities they are part of show their dedication to our breed and the cattle industry.

Over the years, many of our juniors have gone on to very prestigious schools to pursue higher education and degrees in agricultural sciences. I see a very bright future ahead of us with these young men and women. Please congratulate the juniors when you see them for being great representatives of Pennsylvania!

Our sales this year have been very good despite the fall off in the cattle market this fall. I offer my thanks to all of our consignors, buyers, workers and to Tom Burke and Ken Brubaker and all of their staffs to make these sales a success.

With regard to sales, it is again that time of year to consider consigning for the Finest Female Sale. Thank you for your continued support.

Our banquet is soon coming again on Friday, January 6, 2017, so please consider joining the event and all of our Angus friends for a great evening. Please read the banquet information in this issue for more details.

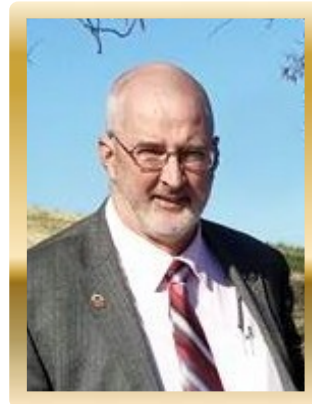
You will also find membership renewal information in this issue. Please note a change in your membership renewal. At our October Board of Directors meeting, the Board voted to discontinue our affiliation with the Pennsylvania Cattleman's Association (PCA). Dues will remain at \$35.00 per year. Anyone who wishes to maintain membership with PCA may do so and you should contact PCA directly.

Finally, there is so much to mention and I am limited by space here. I want to thank all of the committees, officers and Directors for their time and dedication to the organization. I would like to give a special Thanks to Jamie for all of her hard work keeping our organization in order.

On behalf of myself, thank you all for your support over the past 3 years. Again it has been an honor to serve this Association. In closing, from my family and I, please have our best wishes to you and your families for a Very Merry Christmas and a Blessed, Prosperous and Happy New Year.

Sincerely,

Gene Trowbridge  
President, Pennsylvania Angus Association





## JUNIOR ROUNDUP

### 2016 Officer Team

#### PA Junior Angus Association

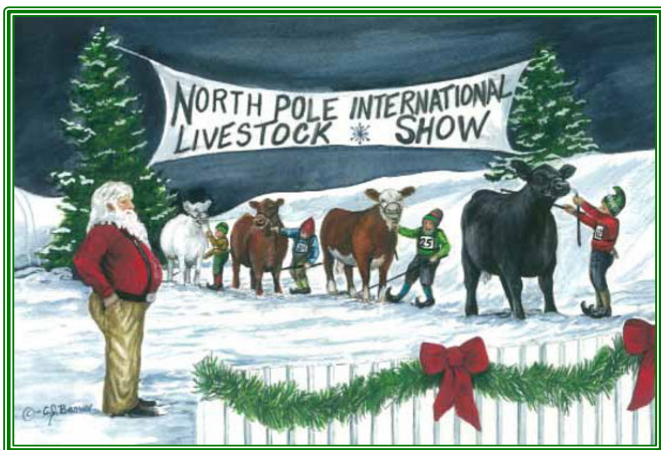
**President,** Matthew Mitchell  
**Vice-President,** Alexis Cash  
**Secretary,** Madison Weaver  
**Assistant Secretary,** Cailey Dahlquist  
**Treasurer,** Daniel Rohrbaugh  
**News Reporter,** F. Hayden Weaver  
**Directors- (1 year term)** Kyle Livingston, Hunter Voight, Hailey Sweitzer, James Voight  
**Directors- (2 year term)** Jade Zimmerman, Sam Parr, Justin Werner, Jacob Werner.

The PA juniors held a meeting Oct. 8, 2016 at KILE. Matt Mitchell reported the Hoss's Night held during the breeders show raised \$212.64. Bryce Fitzgerald encouraged the juniors to try and attend a LEAD conference, he attended this years in Phoenix, Arizona and had a really good time. Nominating committee for officers is Elizabeth Voight, Katelyn Bell, Daniel Rohrbaugh and Madison Weaver. Semen sale was tabled due to lack of buying interest for the fall and will be planned for the spring of 2017 in conjunction with the Finest Female Sale, Callie Dahquist is the chairman.

Daniel Rohrbaugh reported the raffle ticket drawing at breeders show was a success, and Matt Mitchell reported that the juniors still have 20-30 Angus Monopoly games left to sell.

Respectfully Submitted, Madison Weaver

**The following Junior report submitted by:  
Hayden Weaver**



**Even Santa puts an Angus on the top of his list!**

*Artwork by: CJ Brown*



### In & Out the Show Ring

**Name:** Mathew Mitchell

**Hometown:** Reinholds

**Age:** 21

**PJAA Position:** President

**Breeds you show:** Angus

**Siblings:** 2, Ben & Becky

**Favorite Movie/ TV show:** Sportscenter

**Favorite Singer:** Taylor Swift

**Biggest Pet Peeve:** When my heifer forgets everything I've taught her

**Names of your current steere/ heifers:** Blackbird, Lady, and Rosie

**Favorite Stock Show and why?** NAILE, nothing is like walking on the green shavings

**What do you want to do when you grow up?**  
Agriculture Business

**What is one weird skill/fact about you?** I work at Walmart as a manager

**What is your favorite show memory?** Reserve Grand Bred and Owned Bull and 2014 NJAS

**What advice do you have for juniors?** Always try your best



### In & Out the Show Ring

**Name:** Madison Weaver

**Hometown:** Ephrata, PA

**Age:** 16

**PJAA Position:** Secretary

**Breeds you show:** Angus, X- breed steers

**Siblings:** Hayden (12)

**Favorite Movie/ TV show:** Friends

**Favorite Singer:** Carrie Underwood

**Biggest Pet Peeve:** cracking knuckles and not wearing boots to show.

**Names of your current steers/ heifers:** Marvin, Treelane, Beauty, and Pig Pen

**Favorite Stock Show and why?** Breeder Show because I always love spending time with my angus family.

**What do you want to do when you grow up?** Veterinarian specializing in embryo transfer

**What is one weird skill/fact about you?** I always put a lucky penny in my shoe when I show or do any competition. It helps with my nerves.

**What is your favorite show memory?** Winning Supreme Heifer of the Junior Show at Farm Show

**What advice do you have for juniors?** Get involved! The only harm that can come from any opportunity, is that it will make you more well rounded.



### 14<sup>th</sup> Annual Pennsylvania Angus On Parade

The 14<sup>th</sup> Annual Pennsylvania Angus On Parade Sale was held on October 8<sup>th</sup> at the Farm Show Complex in Harrisburg, Pennsylvania. A strong lineup of Elite Angus Genetics that were sold live in the sale ring and via video online. Angus breeders from around the country were online and in person to select this quality lineup.

Top-selling Lot was Black Grove Everelda Ent 341 from Black Grove in Newberry, SC. The 3/30/13 daughter of Emulation N Bar 5522 sold safe to SGA BG Rito 707 to Chad Kahnke of Florence, SD at \$7,000.00.

Top-selling Open Heifer was consigned by JK Cattle Co, Conneatville, PA. The 1/3/16 daughter of SAV Brilliance 9077 sold to Gary Thompson of Canisteo, NY at \$3,100.00. Chance Rains of Mercer, PA sold a 2/1/16 daughter of SAV Brilliance 9077 at \$2,900.00 to Steven Miller of Spring Run, PA. JK Cattle Co. sold a 1/29/16 daughter of Sinclair Net Present Value to Gary Thompson of Spring Run, PA at \$2,700.00.

Bred heifers were in strong demand. Topping the division was the entry from Penn State University. The 2/13/15 daughter of Connealy Confidence 0100 sold safe to Schiefelbein Effective 61. She was selected by Cranmer Angus, Butler, PA at \$4,800.00. Hain Farm sold a 1/15/15 daughter of Rains Murphy MFR that was safe to BC Eagle Eye110-7 to Chris Lauck, Bellefonte, PA and Spring Hope Farm sold a 4/1/15 daughter of Cherry Knoll Mov'n On 1122 safe to SHF Power Boss 505 to Kay Wagner, Hampstead, MD. Both heifers sold at \$2,600.00.

Cow Calf Pairs were in demand with the top pair coming from Black Grove. The 3/38/13 daughter of SAV Final Answer 0035 sold with a herd sire prospect by AAR Ten X 7008 SA. They sold at \$6,000.00 to Gene Dubas in NE.

Sale Gross: \$98,600.00  
Live Cattle Average \$2,597  
Cattle Sold to PA, MD, NY, MT, NE, SD and IN  
Sale Sponsored by Pennsylvania Angus Association  
Sale Managed by Brubaker Sales & Marketing LLC  
Auctioneer: Ken Brubaker





**News from the  
Switch**  
(aka show winners)

**2016 Maryland State Fair & Angus Breeders Show  
August 28, Timonium, MD  
Judge: Jon Davis, Gallipolis, Ohio**

S A B Insight Gator won grand champion bull for Savannah Brauning, Finksburg, Md. He is a November 2015 son of PVF Insight 0129. He first won senior calf champion.

Freys Insight T105-D03 won reserve grand champion bull for Fred Christian Frey, Drumore, Pa. A January 2016 son of PVF Insight 0129, who first won junior calf champion.

SAB C-5 Georgina Style 1504 won reserve grand champion female for Savannah Brauning, Finksburg, Md. The February 2015 daughter of Silveiras Style 9303 who first won reserve junior champion.

**2016 Keystone International Livestock Exposition  
10/9/16 - 52 head shown - Junior Show  
Judge: Shawn Varner, Kearney, Mo.**

Cherry Knoll Rosebud 1572 won grand champion owned female for Sadie Compagnola, Bath, Pa. The June 2015 daughter of Lazy JB Top Shelf 9000. first won intermediate champion.

Double C Rosebud 1602 won grand champion bred-and-owned female and reserve grand champion owned female for Claudia Hissong, Greencastle, Pa. The May 2016 daughter of Connealy Final Product. first won owned junior calf champion.

Double C Rosebud 1501 won reserve grand champion bred-and-owned female for Claudia Hissong, Greencastle, Pa. The May 2015 daughter of Cherry Knoll Product 1271, also won owned reserve intermediate champion.

SCC Kingsway Queen 348 won owned junior champion heifer for Hayden Weaver, Ephrata, Pa.,

**Happy  
Holidays  
and our  
Warmest  
Wishes  
in 2017**



**2016 Keystone International Livestock Exposition  
10/7/16 - 87 head shown - Open Show  
Judge: Mark Aiken, Iberia, Mo.**

Cherry Knoll Elsa 1610 won reserve grand champion female for Cherry Knoll Farm Inc., West Grove, Pa. The January 2016 daughter of Plainview Lutton E102 first won junior calf champion.

CD Queen's Princess won reserve junior champion heifer for Cailey Dahlquist, Washington, Pa.

Cherry Knoll Rosebud 1572 won intermediate champion heifer for Sadie Compagnola, Bath, Pa.

Double C Rosebud 1501 won reserve intermediate champion heifer for Claudia Hissong, Greencastle, Pa.

Double C Rosebud 1602 won reserve junior heifer calf champion for Claudia Hissong, Greencastle, Pa.

Cherry Knoll Brennen 1609 won junior bull calf champion for Cherry Knoll Farm Inc., West Grove, Pa., and Wilmer Hostetter, Oxford, Pa.

Rains Set In Stone BGFP878 won junior champion bull for Dale Rains, Mercer, Pa.

MFA Legend 7J won reserve intermediate champion bull for Frankie McMahon, East Greenville, Pa.

**SAVE THE DATE - June 15-17, 2017  
PA Angus Breeders' Show  
Huntingdon, PA**

~Ask for PA Angus Assoc. Rate ~

**Comfort Inn - 814-643-1600 - \$99.00 -5/24/17  
Fairfield Inn - 814-643-3672 - \$115.00 -5/17/17  
Motor Inn - 814-643-1133 - \$75.00 - 5/15/17**

**Graduating High School Seniors  
And College Students**

The Pa Angus Auxiliary Scholarship is for any graduating senior in high school or college student. Contact Nancy Frey for information and application, e-mail [nfrey@freysupply.com](mailto:nfrey@freysupply.com) or call 717-548-1351. Applications are due Feb 20, 2017.



## **2017 Officer Slate**

**President: Open Nomination**

**Vice President: Open Nomination**

**Treasurer: Brad Bishard**

**Secretary: Jamie Brozman**

**Current Directors: Dennis Byrne,  
Mindy Seese, Deric Horting, Del  
Voight, Tim Livingston, Greg McKean,  
Kyle Grim, Chad Cash**

**Directors Terming out: Dale Rains,  
Gene Nolt, Steve Upperman, John  
Nichols**

**4 Directors positions are open !!!**

**Nominations are open for a 2 year term  
as director.**

**Contact Dale Rains 724-748-4117  
or Chad Cash 717-818-7995**

## ***The Story of Austin Rains***

Austin C. Rains, North Perry Highway, Mercer, died in his residence on Sunday afternoon, Dec. 11, 2016. He was 80.

Austin was born in Corbin, Ky., on Nov. 27, 1936, to Walter and Nannie Rains.

He married the former Dorothy Woods on Aug 28, 1959. She survives at the residence.

Austin was a 1954 graduate of Mercer High School and retired from Hodge Foundry of Greenville to the family farm and family school bus business.

He loved to go to auctions, cattle shows and sales. He enjoyed watching football and NASCAR and fishing. He enjoyed hunting and going to camp with his family and friends.

Austin was a member of the Pennsylvania Angus Association and the Pennsylvania School Bus Association.

Survivors, in addition to his wife Dorothy, are a son, Dale and his wife Brenda of Mercer; a grandson, Chance; and a brother: Stanley Rains of Mercer.

He was preceded in death by his parents.

Memorial contributions may be sent to:

**Mercer 4-H Park, Box 530, Mercer, PA 16137.**

## **Moos from the Secretary**

2016 has been a year of trial and tribulations. We started 2016 off well with a great showing at the 100th PA Farm show where we were honored to win Grand Champion Cow/Calf with our totally home raised pair, a granddaughter of my very first Angus cow Magic! We were graced with a very large snow storm to which our two children had a ball sledding in. Our calving season ended up to be 28 calves 12 heifers to 16 bulls. Our faith was tested this year as we mourn the loss of both my grandmothers, one in the end of January and one in September, both who taught me farming, willingness to give full hearted, and never give up! This year I spend more time at home and away from my "off the farm" job than I ever have, testing our finances but reflecting back I would not trade the time I have gotten to spend with my family and my cattle for anything in the world.

In the Angus world, prices have been down, grain is down, but quality of cattle have been up, and we too as cattle owners have been tested. Our association is strong, growing each month, lots of new members out there, I would like to encourage each of you to reach outside of your daily comfort zones, welcome our new members, embrace their struggles and help them bridge the learning curve as they embark into the Angus business. We all were "beginners" too, and remembering how it was for us, and sharing tools with new members truly encompasses what our breed is all about, "Angus Family".

So as each of you settle down for your holiday meals, please remember to take time to be grateful for what you have, have faith in the future, and most of all know you are blessed. I certainly feel blessed to have each of you in our life as our Angus Family! If there is something you would like changed to see happen please don't hesitate to reach out to myself or anyone on our officer team we love to hear from you. If your new year plans bring you to the 101st celebration of the Farm Show stop on by the Angus Booth we would love to see you and chat about the best breed in the business.

**May each of you have a  
Blessed Christmas and a Happy Moo Year  
Jamie Brozman**

Do you have a great photo you would like to share Jamie Brozman is putting together the 4th annual slide show for the banquet, do you want to see your photo??? E-mail her at [justenuffangus@gmail.com](mailto:justenuffangus@gmail.com)





14  
BEAVER CREEK ANGUS

ALL CATTLE WERE SOLD TO OUTSTANDING  
FAMILIES AND FARMS!!!!

Thank you buyers & bidders for making our  
9th Annual Sale a SUCCESS!!

192 TIMBER LANE  
THOMASVILLE, PA 17364  
KYLE GRIIM 717-324-9869  
WWW.BEAVER-CREEK-ANGUS.COM

**B**EAVER *The Grims*  
**C**REEK  
**A**NGUS 





**24th Annual Pennsylvania's Finest Female Sale**  
**Friday ☐ March 31, 2017 ☐ Sale follows the Annual Bull Test Sale**

Held at the Pennsylvania Department of Agriculture Livestock Evaluation Center  
(1494 W Pine Grove Road, Pennsylvania Furnace, PA 16865 -Near Ag Progress Days site)

LOOKING FOR SELLING 50 ANGUS LOTS!  
Productive Cow/Calf Pairs - Powerful Bred Heifers - Elite Show Heifer Prospects

**AMERICAN ANGUS HALL OF FAME NOMINATION FORM**

SALE: 2017 PENNSYLVANIA'S FINEST FEMALE SALE

**RETURN BY: January 27, 2017**

*Please complete as much information as possible. Be sure to include the registration number for the individual or sire and dam if animal is not registered. Also please include registration number for service sires.*

\_\_\_\_ Open Heifer

\_\_\_\_ Bred Heifer

\_\_\_\_ Cow/Calf

Animal Name: \_\_\_\_\_

Sex: \_\_\_\_\_

D.O.B. \_\_\_\_\_

Tattoo: \_\_\_\_\_

Reg. No. \_\_\_\_\_

*(Please fill in pedigree below **ONLY** if a copy of the registration paper is not attached)*

\_\_\_\_\_  
\_\_\_\_\_

Sire: \_\_\_\_\_

Reg: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Dam: \_\_\_\_\_

Reg: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Breeding Information: \_\_\_\_\_  
\_\_\_\_\_

Service Sire Reg. No. \_\_\_\_\_

*(Please feel free to enter any specific information you would like included in the footnote.)*

Footnote Information:

_____	NAME	_____
_____	FARM	_____
_____	ADDRESS	_____
_____	CITY	_____
_____	STATE/ZIP	_____
_____	PHONE	_____
_____	EMAIL	_____

*(Make additional copies as needed)*

**Please send to: American Angus Hall of Fame, Box 660, Smithville, MO 64089**  
**Phone: 816-532-0811 Fax: 816-532-0851 E-Mail: angushall6@earthlink.net**



Dear Angus Breeder,

Angus Update: December 2016

I hope you had a great Thanksgiving! Christmas and the holiday season are right around the corner, which is always a great time of year to celebrate with family and friends. The American Angus Association has much to be grateful for as it was a stand-out year for Angus registrations and a time of great progress for our breed.

During the recent Angus Convention, which hosted more than 2,000 cattle producers in Indianapolis, CEO Allen Moczygemba unveiled our organization's new Long-Range Strategic Plan. Extensive surveys, focus groups and market analyses resulted in a "ton" of valuable insight that revealed challenges and opportunities for the Association and registered Angus genetics in a rapidly evolving business. Main themes included changing market dynamics; increased competition, technological and informational needs; and growing international opportunities and beef demand.

Key points call for the establishment of the Genomic Education Center, a multi-use facility that will expand the Association's Saint Joseph, Mo., headquarters as well as its capabilities to conduct research, disseminate information and provide education to the industry; greater service and information sharing with the commercial cattle sector to drive the value of registered Angus genetics; and increased research emphasis on traits like fertility, feet and leg structure and other areas. This [news article online](#) provides more information. If you weren't able to make it to the Angus Convention, you can [watch Allen's presentation online](#). The [Angus Media's Newsroom](#) has a collection of articles, videos and audio from the event. Mark your calendars for next year's convention: Nov. 4-6, 2017, in Ft. Worth, TX.

The National Western Stock Show is also right around the corner, and I'm really looking forward to seeing everyone in Denver. It's going to be an exciting year for the Angus breed, as we host a new evening event in Stadium Arena on Wednesday, Jan. 11. The event combines the National Western Angus Bull Sale, which features 50 lots of outstanding Angus genetics, and an Angus Foundation fundraiser. The sale includes the Angus Foundation Heifer Package, featuring Basin Lucy 6265, a female donated by the Stevenson family and Basin Angus Ranch of Joliet, MT.

In addition to vacation packages and other auction fundraising items, several confirmed pregnancies from leading Angus seedstock operations will headline the Foundation's fundraising offering. The evening wraps up with live entertainment provided by Texas country band Jake Hooker and the Outsiders. A dance floor as well as refreshments will be provided. Access the [complete news release online](#) for more details.

As you ahead to next spring's sale season, I'd like to remind you to submit your DNA samples to Angus Genetics Inc. (AGI) as soon as possible. We recommend allowing at least four weeks turn-around time and leading up to sale season, the labs are extremely busy. Please plan ahead to ensure your results are ready for your advertising and catalog deadlines. AGI offers several [educational resources online](#), if you have questions on collecting or submitting DNA samples for genomic evaluation.

As always, if you have any questions, need assistance when planning for your sale or locating Angus seedstock, don't hesitate to give me a call.

Merry Christmas,

### Chris Jeffcoat

Regional Manager - DE, MD, NJ, NY, PA, VA, WV, NC and New England  
282 Saint Lukes Rd.  
Littlestown, PA 17340  
Mobile: [717.476.1496](tel:717.476.1496)



**American Angus Association**  
3201 Frederick Ave.  
St. Joseph, MO 64506  
[816.383.5100](tel:816.383.5100)  
[www.ANGUS.org](http://www.ANGUS.org)







Winter weather might require cows receive additional protein supplementation to maintain adequate body condition prior to calving.

Photo by Wyatt Bechtel

Winter is coming. Even though much of the country has experienced a warmer fall, temperatures will drop and with it forage quality during the winter months.

Low grain prices, especially corn, offer producers more options for feeding cow herds this winter. In spite of those lower grain prices, cattlemen will still need to balance their ration nutritionally and economically to compensate for cattle prices that continue to slide.

Before you consider adding more grain to your ration you should analyze the forage you have on hand, says Adele Harty, South Dakota State University Extension cow-calf specialist.

“Make sure you have your hay tested. Do it every year, because a little change in growing conditions from one year to the next can save or cost you a lot of money,” he says.

An analysis for forage quality should be conducted far enough ahead of winter feeding so any supplemental feed purchases can be made. Additionally, testing will allow producers to equally compare their forages with other feedstuffs on a cost per nutrient basis. “Those feeds that are lower quality are most likely going to be used as the energy source. Typically with low quality feeds, protein is the concern,” Harty says.

Considerations should be made for which protein sources deliver the most bang for the buck. Along with the price of grains or byproducts, consider the delivery cost to the ranch and how it will be fed.

“If you have to start a tractor every morning what does that cost?” Harty asks. “Or a pickup with a cake feeder?”

Compare and analyze which feed options work best for your operation. Those decisions could depend on which feedstuffs are accessible in a particular area of the country. Producers should look at their own goals and the available opportunities, says Chris Reinhardt, Kansas State University Extension feedlot specialist and nutritionist.

“Do you have mixing capabilities? Can the grain be processed? Maybe a local elevator or mill can handle getting that processing done,” Reinhardt says.

Both Harty and Reinhardt caution producers to be attentive when adding more corn to a ration because it can have a limiting factor when for-age feeding comes out of balance.

“Essentially, what happens is, if you get too much starch in the diet it changes the rumen environment. Rumen microbes will become more starch digesters than forage digesters, losing the efficiency of feeding forage,” Harty says.

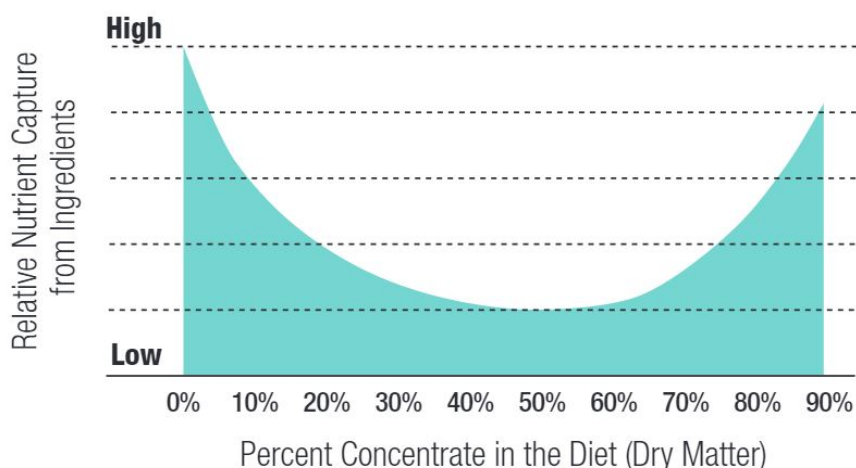
Digestive upsets, such as acidosis or bloat, become more common when feeding higher amounts of corn if cattle haven’t been properly acclimated to the diet and the pH level rapidly declines in the rumen.

“Rumen microbes digest cellulose in forages best when rumen pH remains in the range of 6.0 to 6.5,” Reinhardt says. “The more grain or other concentrate feeds we provide, the more likely the rumen pH is to decline below 6.0.”



To keep pH balanced, Reinhardt advises feeding less than 30% concentrates in a diet with the remainder being forage. He does not recommend feeding between 30% to 70% of dry matter as concentrates because of the negative impacts on forage digestion. However, if forage availability is sparse, cows can be fed 70% or greater concentrate through a limit-fed diet.

## Forage and Concentrate in Diets



**As percent concentrate adjusts in cattle diets, a bell curve emerges for nutrient capture of ingredients.**

SOURCE: CHRIS REINHARDT

Ideally limit feeding is “providing a level of intake of the high-energy diet which supplies a similar total daily amount of energy and protein, in a smaller intake package, as we would normally expect when full-feeding a forage-based diet,” he explains.

Feeding whole corn might be a consideration for some cattlemen looking to help reduce the costs of milling.

“That is an option,” Reinhardt says. However, hungry cattle won’t chew whole corn as much. Research from Kansas State indicates nutritionally stressed cattle will swallow about 85% of the corn whole, without chewing. While the corn could have been bought at \$3.50 per bushel, with the loss through a lack of chewing the real corn cost would be more like \$4.50 per bushel.

Whole corn feeding might work better for cattle that are calm and consume a ration slowly. “Those calm cattle will swallow 15% of the corn whole. They break the rest while chewing similar to a roller mill,” Reinhardt says.

Limit-feeding whole corn will likely be inefficient for producers. The same concept applies to feeding whole wheat, barley or sorghum because the grains are so small they are often swallowed whole. Reinhardt recommends milling or processing grains to capture their nutritional value.

“It is not simply a matter of switching from hay to grain,” Reinhardt says. “It is much more complicated.”



# PENNSYLVANIA FARM SUPPLIERS & RESOURCES

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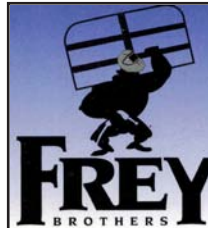
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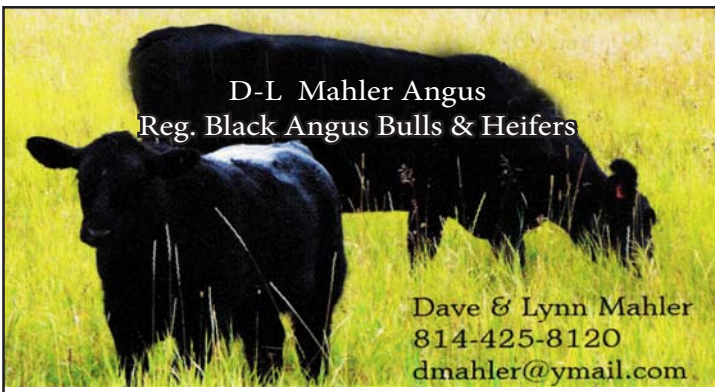


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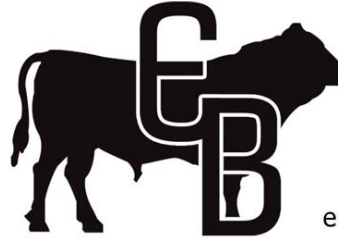
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