



NOV-DEC  
**MONTANA** 2022  
News ANGUS

PRST MRKT  
US Postage Paid  
Ballyhoo Printing  
59457

Montana Angus News  
PO Box 25  
Whitlash, MT 59545

**NEW SALE DATE**

FRIDAY

**16 DECEMBER  
2022**

18th ANNUAL  
PRODUCTION SALE

WESTERN  
LIVESTOCK AUCTION  
Great Falls, Montana

12:30 PM



- **180 Black Angus Bulls**
- **900 Females Sell**

**SIRES INCLUDE:**

Connealy Emerald (\*19257149) • Circle L Gus (\*17993084)  
Mohnen Upstream (\*19562466) • Apex Klondike (\*19337906)  
PGC Force (\*19230832) • Vermilion Spur B024 (17841616)  
Jindra Megahit (+\*17731559) • Mytty Natural (17935475)  
GMAR Power Guard H367 (+\*19754679)  
Musgrave 316 Exclusive (\*18130471)

**Bobcat**  
**B** ANGUS

GALATA, MONTANA

Bryan Ratzburg:  
(406) 937-5858  
Cell: (406) 788-3272

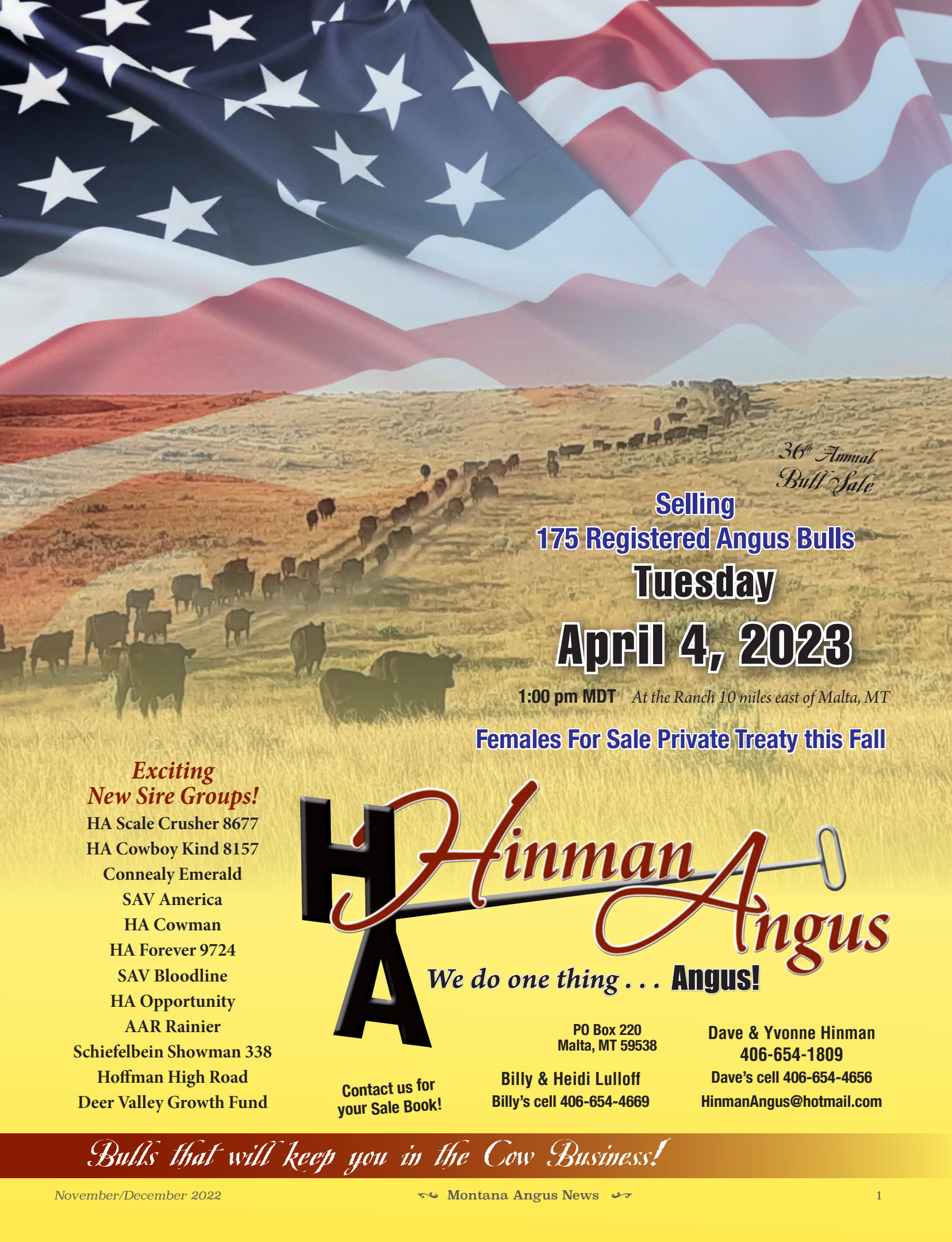
Ernie Ratzburg:  
Cell: (406) 788-3244



Broadcast Live  
Videos available online  
[www.northernlivestockvideo.com](http://www.northernlivestockvideo.com)

[bobcatangus@northerntel.net](mailto:bobcatangus@northerntel.net)

[www.bobcatangus.com](http://www.bobcatangus.com)



*36<sup>th</sup> Annual  
Bull Sale*

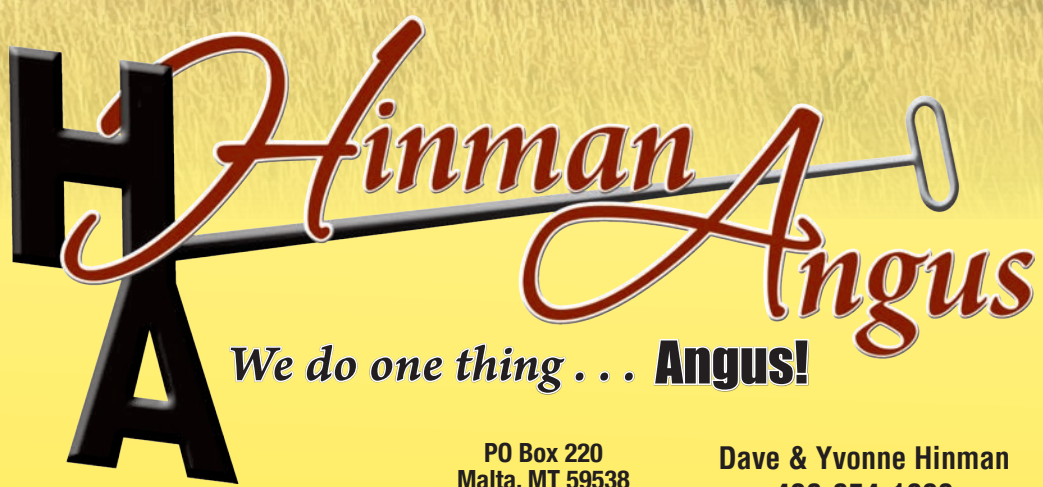
**Selling**  
**175 Registered Angus Bulls**  
**Tuesday**  
**April 4, 2023**

1:00 pm MDT At the Ranch 10 miles east of Malta, MT

**Females For Sale Private Treaty this Fall**

***Exciting  
New Sire Groups!***

- HA Scale Crusher 8677
- HA Cowboy Kind 8157
- Connealy Emerald
- SAV America
- HA Cowman
- HA Forever 9724
- SAV Bloodline
- HA Opportunity
- AAR Rainier
- Schiefelbein Showman 338
- Hoffman High Road
- Deer Valley Growth Fund



***We do one thing . . . Angus!***

PO Box 220  
Malta, MT 59538

Dave & Yvonne Hinman  
406-654-1809

Contact us for  
your Sale Book!

Billy & Heidi Luloff  
Billy's cell 406-654-4669

Dave's cell 406-654-4656  
HinmanAngus@hotmail.com

***Bulls that will keep you in the Cow Business!***

# APEX *Angus*

5<sup>th</sup>  
Annual

PRODUCTION SALE

## MARCH 7, 2023

At the ranch • 1:00 PM MST  
Valier, MT

### Selling:

- Performance Proven Yearling Sons
- Solid Foundation Yearling Heifers
- Bangs Vaccinated • Ready to Breed

### Additional Featured Sires:

- Apex Chairman 014 • Musgrave 316 Exclusive
- DL Automatic 1088 • Shipwheel Keystone 7543
- Math Black Rifle 5099 • EZAR Gold Rush 6001

## Settle For More

Apex Angus remains dedicated to producing seed stock that will enhance the commercial cattlemen from "birth" to "plate".

*The bulls and heifers offered on 3/7/2023 will keep on doing for you what they've done for years at APEX ANGUS, an honest and trustworthy job.*

### Apex Value Added:

- Free delivery - Montana & adjoining states.
- 1st year breeding guarantee
- Volume discounts

THE SWANSON FAMILIES  
8056 Valier Hwy • Valier, MT 59486

Kurt 406-279-3341  
Kirby 406-472-3245  
Connor 406-279-3777  
Daryle & Pam 406-279-3548

apex@3rivers.net • www.apexangus.com



### BASIN SAFE DEPOSIT 9324

Sire: Basin Deposit 6249 MGS: Summitcrest Complete 1P55



### STERLING PACIFIC 904

Sire: Hoover No Doubt MGS: G A R Prophet



### CONNELLY LIBERTY 837A

Sire: Connealy National 390C MGS: MGR Treasure

# Ready to Rebuild?

Rebuild with America's Maternal Herd!

# SITZ

Angus

57th Annual Fall Sale

More than 900 head sell!

**480 PAP-Tested, Two-Year-Old Bulls**

**310 Home-Raised, SITZ-Bred Heifers**

**150 SITZ-Bred, Running-Age Cows**

**December 1, 2022** Harrison, MT

**85% of the Sale Bulls are in the Top 25% of the Breed for \$M**

*Bulls Bred for Herd-Building Value!*

**Commercial Females Straight from the SITZ Angus Registered Cow Herd**

*Pregnancies Sexed by Ultrasound*



Lot 3

**SITZ Domain 12371** AAA 19974072

S: SITZ Logo 8148 MGS: Poss Achievement  
CED 12 BW -0.6 WW 85 YW 158 SC 2.07 HP 19.4 Milk 29  
Claw 0.42 Angle .50 CW 65 Marb .99 REA .75  
\$M 92 \$C 312 Act. PAP 48



Lot 23

**SITZ Threshold 9901** AAA 20043616

S: Musgrave 316 Exclusive MGS: SITZ Invasion 574D  
CED 8 BW 0.0 WW 90 YW 157 SC 1.83 HP 11.5 Milk 25  
Claw 0.39 Angle .50 CW 61 Marb 1.10 REA .63  
\$M 76 \$C 286 Act. PAP 40



Lot 1

**SITZ Insignia 12031** AAA 19974049

S: SITZ Logo 8148 MGS: LD Capitalist 316  
CED 14 BW 0.0 WW 87 YW 145 SC .70 HP 16.2 Milk 19  
Claw .36 Angle .46 CW 54 Marb .90 REA .82  
\$M 97 \$C 287 Act. PAP 42



Lot 126

**SITZ Resilient 1299** AAA 20117643

S: SITZ Resilient 10208 MGS: #SITZ Upward 307R  
CED 14 BW -1.6 WW 77 YW 127 SC 1.19 HP 11.0 Milk 37  
Claw .34 Angle .40 CW 48 Marb .31 REA .81  
\$M 90 \$C 246 Act. PAP 41



Lot 163

**SITZ Stellar 11151** AAA 19980019

S: SITZ Stellar 726D MGS: Spring Cove Paygrade 5064  
CED 6 BW -1.2 WW 65 YW 115 SC 1.32 HP 14.6 Milk 34  
Claw .22 Angle .45 CW 55 Marb .98 REA .34  
\$M 87 \$C 283 Act. PAP 41

*Can't make sale day?*

**Bid by phone or online!**



LiveAuctions.TV

**Catalog available at  
SitzAngus.com**

**Free delivery within 1,000 miles**

*—call for details!*

Designed by AgTown

**Jim Sitz**

(406) 683-5277

SitzAngus@gmail.com

**Bob Sitz**

(406) 581-6448

SitzAngusRanch@gmail.com

**Joe Jones**

(208) 670-2364

JoeJones@SitzAngus.com

# REMINISCE INFLUENCE BRED HEIFER SALE

TUESDAY, NOVEMBER 15, 2022

Reminisce Angus Sale Barn, Dillon, MT

**500 head of  
Heifers!**

- Pelvic measured prior to breeding
- **350 head** AI'd to the American out cross standout, **RM McClendon 9599**
- AI'd to start calving February 2nd



## RM McCLENDON 9599

is an American outcross, true calving ease standout. He has been AI'd to over 2,000 heifers as of 7/04/2022 with no reports of any calving issues. These calves come easy and hit the ground with amazing vigor! He is a double bred calving ease sire that will splash new blood into nearly every herd in America. His Sire Dunlouis Cortachy Boy is a true calving ease, native Aberdeen Angus sire from Scotland. Nowhere in America will you find this pedigree and consistent calving ease. His maternal grand sire RM 2 Trend 3105 has been bred successfully to thousands of heifers in many herds with no difficulty. Both bulls in this pedigree produce calves with a lot of vigor at birth. Both sires are high marbling bulls as well.

# 1ST CUT, 1 IRON

All heifers cleaned up with Reminisce Angus Cortachy Boy sons. Full Vaccination Program: Preg Guard 10, Vision 8, Virashield VL5, Valbaezon, Cleanup Brucellosis Free, Bangs vaccinated and bled for Brucellosis, BVD PI3 FREE, Preg checked twice  
All calves will be eligible for the Reminisce Angus Beef Program.

## BRYAN & MARCIA MUSSARD

6101 Sweetwater Rd, Dillon, MT  
406-925-1416 • 406-683-6363  
bryanmussard406@gmail.com



## CHALLIS CREEK CATTLE CO.

Steve Bauchman  
PO Box 10, Challis, ID  
sbauchman@challisrcrk.com



BW	WW	YW	Milk	SW	SB
-1.6	+70	+129	+24	+66	+109

*HA Cowboy Kind 8157*



BW	WW	YW	Milk	SW	SB
-2.1	+61	+108	+30	+82	+137

*KG Justified 3023*



BW	WW	YW	Milk	SW	SB
+0.5	+70	+125	+35	+73	+161

*Ellingson Rangeland*



BW	WW	YW	Milk	SW	SB
+1.4	+74	+130	+44	+84	+145

*Sitz Powerball T37E*

# KG RANCH

## Production Sale

**DECEMBER 2, 2022**  
**BLACK ANGUS FRIDAY**

At the Ranch  
 Three Forks, Montana

*Selling*  
**250** COMING 2-YR-OLD BULLS  
**180** COMMERCIAL BRED HEIFERS

1-888-KG-BULLS

**KG Ranch**   
 Registered & Commercial Angus

Three Forks, Montana

**Paul & Kaye Doddridge - Owners**

406-285-3660

**Cody Jackson - General Manager**

406-580-7366

**Scott Clarke - Cattle Operations**

406-580-7666

**WWW.KGRANCH.COM**



RON FRYE | MARKETING

[www.RonFryeMarketing.com](http://www.RonFryeMarketing.com)

Ron Frye

406-600-7514

Ronfryemarketing@gmail.com

Call. Text. Email.

Nov-DEC

# MONTANA 2022

## News ANGUS

Thanks for a great Montana Angus Tour, Eastern MT Angus Association! Photo by Kurt Kangas



### TABLE OF CONTENTS

*Message from the Executive Administrator* ..... 6

*President's Message* ..... 8

*DVM Dialogue* ..... 10-11

*A Final Note from Dave Hinman* ..... 12

*Obituary: David Reisig* ..... 14

*Beef Leader's Institute* ..... 16

*Exit Interviews* ..... 18

*MSU Angus Herd Update* ..... 22-23

*Montana Angus Producers Visit Argentina* ..... 24-25

*Montana Angus Tour Recap* ..... 26-28

**Reference**

*Event Calendar: November-December* ..... 32

*Event Calendar: December-April* ..... 34-35

*Montana Angus Assoc Board of Directors* ..... 18

*Service Directory Listings* ..... 36-37

*Advertising Index* ..... 38

Greetings Readers!

I don't know about you but we've really been enjoying the beautiful fall weather we've been receiving. Our first snow is in the forecast for this weekend and I can honestly say that I'm a little sad to see the warmer temperatures go. Maybe a good hard freeze will take care of the never ending supply of flies that seem to find their way into our house this time of year.

If you didn't make the 2022 Montana Angus Tour, you missed a good one! The weather was absolutely gorgeous and the Eastern Montana scenery did not disappoint. Everyone was really welcoming and it was great to check out everyone's cattle and genetics. The 2023 Montana Angus Tour is already in the works for September 19-21, 2023 in Billings, MT. I'd also like to welcome Kim Skinner to the board and thank Tim Skinner and Jake Callantine for their efforts. Dave Hinman will also be ending his residency with the AAA Board of Directors at the National Convention this fall and we'd like to thank him for the tremendous effort he has put forth in representing the great state of Montana on the national board. Let's have a successful fall sale season and support Montana Angus genetics!

Happy Trails,

Jesse Thompson  
 Editor, Montana Angus News  
[montanaangusnews@mtangus.org](mailto:montanaangusnews@mtangus.org)  
 406.450.3429

The Montana Angus News is the official publication of the Montana Angus Association and is available to anyone interested in Montana's Angus cattle. However, advertising is restricted to those raising Angus cattle in the state, those consigning Angus bulls to Midland Bull Test or people servicing cattlemen with their business located in Montana.

Since the magazine is not subject to subscriptions, the only feasible way it can be mailed is at bulk rate; therefore, advertising for events scheduled within 18 days of publication will be accepted only at the advertisers risk, and this publication will assume no financial responsibility for distribution on its entire circulation prior to that time.

Finally, the information contained is from sources deemed reliable, but is not guaranteed.

For details on subscriptions and advertising please contact:

Jesse Thompson  
 406.450.3429  
 PO Box 25 • Whitlash, MT 59545  
[montanaangusnews@mtangus.org](mailto:montanaangusnews@mtangus.org)



Printing:  
 Ballyhoo Printing • Lewistown, MT  
[www.BallyhooPrinting.com](http://www.BallyhooPrinting.com)





# The Cattlemen's Choice

## Fall Production Sale

Friday **November 18, 2022**

At the Ranch, Ryegate, MT | Lunch 11:00 a.m. | Sale 1:00 p.m.

SALE BROADCASTED ON:



Baldridge Flagstone F411

**70**  
sons  
sell!

Reg: 19478642

CED -3 | BW +3.4 | WW +73 | YW +133 | M +28



MRA Advocate 9035

**30**  
sons  
sell!

Reg: 19572776

CED +12 | BW -1.0 | WW +66 | YW +120 | M +34

Offering:

**220 Yearling Angus**  
**2518-month-old bulls**  
**& 100 Commercial**

**Bred Heifers**

Sync'd & AI'd to MRA Advocate



Schaack Load Up 0256

**25**  
sons  
sell!

Reg: 19982788

CED +12 | BW +0.1 | WW +90 | YW +154 | M +30



Varilek Loaded 0038 32

**20**  
sons  
sell!

Reg: 19828682

CED +6 | BW +1.0 | WW +89 | YW +154 | M +33

Sires Include:

Advocate, Flagstone,  
Scale Crusher, Loaded,  
Revered, Innovator,  
Load Up, & Stellar

- ◀ Volume Discounts
- ◀ First Season Guarantee
- ◀ Free Delivery
- ◀ Free Wintering



SITZ Logo 12964

**20**  
grandsons  
sell!

Reg: 17746620

CED +16 | BW -2.5 | WW +70 | YW +109 | M +19



Brumfield Trail Boss 057

**15**  
sons  
sell!

Reg: 19756898

CED +10 | BW +1.5 | WW +88 | YW +158 | M +34



Tim & Kris Todd

35 Green Mountain Drive • Ryegate, MT 59074

406-568-2768 (H) • 406-220-1975 (C)

gmar@midrivers.com

[www.GreenMountainAngus.com](http://www.GreenMountainAngus.com)

# President's Message



Greetings from Eastern Montana. The annual meeting of the Montana Angus Association was recently held during the Montana Angus Tour. It was well attended, and many topics were covered. A new board member, Kim Skinner, was elected to the board, and we are excited to have his input. I would like to thank outgoing board member Tim Skinner for his years serving on the board.

President Jake Callantine presided over his last meeting and as his successor I would like to commend him for his year's dedicated to this board. Jake will continue to represent Montana Angus in a new role as our representative on the Montana Beef Council, and we are lucky to have him.

The 2022 tour was held right here in Eastern Montana. All of us in the eastern association were very happy with the turnout and we got nothing but compliments about the tour. Everyone really chipped in on the tour, but I personally would like to thank Dale and Jill Vitt as well as my wife, Jennifer, they really went above and beyond to make it a huge success.

For me personally the best part of the 2022 tour was when two of the Angus breeds most influential producers were honored during the annual banquet. Dave Hinman was recognized for his service on the national Angus board as his term expires this November. Dave did an exceptional job representing Angus breeders and he will be very hard to replace. The board also decided to bring back the Wayne Stevenson Memorial award this year, picking Bill Davis as recipient. Bill was one of the most influential people to ever raise Angus cattle, I can think of no one more deserving of this award. Bill and Dave have both been mentors and friends to me personally and it was a real privilege to see them recognized.

As I wrap up my first "message from the president", I would like to thank the Montana Angus membership for having the confidence in me to serve as your president for the next two years.

-Chad Denowh, Montana Angus Association President





## LITTLE BELT CLASSIC

*The Cattlemen's Kind*

**Featuring**  
**45 Registered Bulls**  
out of Ellingtons Three Rivers,  
Poss Rawhide, SAV Rainfall,  
KG Justified and Square B Atlantis

**50 Bred Heifers**  
bred to Connealy Liberty  
and Hoffman Thedford

**SATURDAY NOVEMBER 12<sup>TH</sup> 2022**  
Live Auction Starts at 1 pm • Join us for lunch at 12 pm  
Mikkelsen Ranch • Hobson, MT

*Contact Us*  
Rod Mikkelsen (406) 350-5366 • Brian Frank (406) 350-2175  
Kensey Mikkelsen (406) 350-5367 • littlebeltclassic@gmail.com

**LittleBeltClassic.com**  

**Fifth Annual BULL SALE**



# Vermilion Ranch 2,300 ANGUS SELL

## Fall Performance Sale

**SATURDAY, NOVEMBER 26, 2022**

Public Auction Yard, Billings, MT at 11:00 AM (MST)

### 320 TOTAL PERFORMANCE BULLS

#### 170 Outstanding Fall Yearlings

The best of our Fall Breeding Program! Sired by Casino Bomber, Connealy McIlroy, Vermilion Bomber G077, Sitz Commerce, Baldrige Flagstone F411, Vermilion Spur D125, Vermilion Charge On, Connealy King Air, Vermilion Bomber G017 and Deer Valley Growth Fund.

#### 150 Big, Stout Coming Two-Year-Olds

Sired by the same outstanding sires!

Bulls are:

- Genomic tested with  **ANGUS GS**  
Powered by Neogen GeneSeek
- PAP tested

#### 90 Head Dispersal All 2015 Born Registered Angus Cows

All 7-year-old cows sell – no exceptions. AI bred to S A V Glory Days 1832, Sitz Commerce, Vermilion Bomber G017 and Ellingson Three Rivers 0065.

#### 75 Select Registered Angus Bred Heifers

AI bred to Connealy King Air, Vermilion Leo and Vermilion McIlroy J157.

#### 90 Head Dispersal

April calving Registered Angus cows, 2 to 6 years old.

### 1,750 Fancy Commercial Angus Bred Heifers

No where will you find this high quality of the best genetics Montana has to offer with these numbers. AI bred to King Air, a proven sure shot calving ease sire CED +16, BEPD -1.7; and a newcomer, Vermilion Leo, by Vermilion Bomber G017, CED +14, BEPD -.3. He is one of the best we've raised. Followed up with Bomber sons. They will calve mostly in February and March 2023. All ultrasound pregnancy tested and AI Calves will be sexed. All the heifers will be sorted into short calving periods.



Vermilion Bomber J809

AAA 20229301

BD: 8-22-21  
Sired by Casino Bomber out of a Connealy daughter. BEPD +3.2; WEPD +84; YEPD +142; BW 90; WW 809; YW 1407; Milk +30; \$B +186; \$C +315



Vermilion Commerce J843

AAA 20229332

BD: 8-18-21  
Sired by Sitz Commerce out of a Connealy Earnan D76E daughter. BEPD +3; WEPD +89; YEPD +146; BW 88; WW 779; YW 1336; Milk +21; \$B +126; \$C +226



Vermilion Flagstone J836

AAA 20229325

BD: 8-16-21  
Sired by Baldrige Flagstone F411 out of a Sitz Madison daughter. BEPD +2.1; WEPD +59; YEPD +111; BW 88; WW 763; YW 1259; Milk +38; \$B +148; \$C +275



Vermilion McIlroy J066

AAA 20050258

BD: 1-31-21  
Sired by Connealy McIlroy out of a Casino Bomber daughter. BEPD +2.0; WEPD +86; YEPD +156; BW 84; WW 791; YW 1317; Milk +28; \$B +164; \$C +269



Vermilion Blackbird 5160

AAA 18152746

By Sitz JLS Game Day 9630 and out of a TC Franklin 619 daughter. A top producer. Progeny WN 103; YR 101. Safe in calf to S A V Glory Days 1832. Due March 15, 2023.



Vermilion Pride 5098

AAA 18139936

By Connealy Spur out of a Vermilion Just In Time W123 daughter. One of the many outstanding Spur daughters selling. Progeny WN 104; YR 104. Safe in calf to Connealy King Air. Due February 24, 2023.



## Vermilion Ranch

Pat Goggins Family

Bob Cook - Records & Sales

Cell: 406-670-0078

Jeff Mosher - Vermilion North

Brandon Mosher - Pryor Creek

Jake Kading - Herdsman

Cell: 406-672-5844

Bill Shaules - South Pryor

Greg Roberts - Diamond Ring

PO Box 30758

Billings, MT 59107

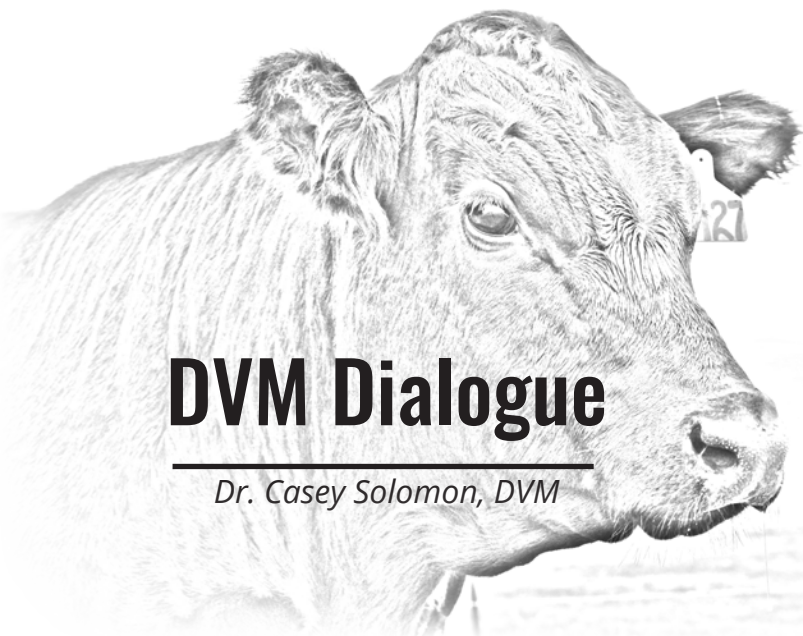
Email: [bcCook@cattleplus.com](mailto:bcCook@cattleplus.com)

[www.vermilionangus.com](http://www.vermilionangus.com)



Sale broadcast and videos available online through Northern Livestock Video Auction [www.northernlivestockvideo.com](http://www.northernlivestockvideo.com)

VIDEOS OF ALL SALE CATTLE AVAILABLE AFTER NOVEMBER 1 ON [NORTHERNLIVESTOCKVIDEO.COM](http://NORTHERNLIVESTOCKVIDEO.COM)



# DVM Dialogue

*Dr. Casey Solomon, DVM*

Here we are in the fall of 2022, where does the time go!? We've had an absolutely gorgeous fall up here on the hi-line, with beautiful fall colors, cooler temperatures and a reprieve from the wind. We would of course love to have some moisture in the forecast, but all in all, the fall of 2022 has made for some beautiful cow days – riding, shipping, & pregnancy testing.

During this segment of the DVM Dialogue we continue our Ask the Vet segment.

The next question we received was:

What are the environmental factors that affect birth weight and How?

Why do I see more extremes in my January/February/March calf birth weights than in my August/September calving group?

What a great question for this season, so let's see if I can get you some answers!

There are quite a few environmental factors that have been associated with changes in calf birth weights:

### Body Condition Score of Dam

- Thin BCS dams had lower placental weights and the placenta works harder comparatively speaking (calf birth BW/placental weight) than moderate and fleshy dams.

- Thin and moderate BCS dams tend to have smaller calf birth weights than fleshy dams.

### Diet/Nutrition status of dam \*from conception to calving\*

- Restriction of dietary protein in the first trimester and possibly the second trimester of pregnancy enhanced placental development and is correlated with increases in birth weight (about 5.6 pounds). It is thought that early protein restriction

in pregnant cows may enhance fetal growth in part by stimulating placental growth and function.

- Feeding cattle an excess of protein (130% CP requirements) and energy (140% TDN requirements) is associated with lighter birth weights (6.8 pounds) and in one study was shown to compromise survival of newborns in their first days of life.

- Restricting nutrition in the last trimester will decrease calf birth weights if the restriction is very significant.

- It is important to note that this feed restriction is also linked to higher death loss in calves and poorer fertility in the cows during the following breeding period.

- It is also important to note that in these studies – even though birth weights were lighter in feed restricted groups, there was NO difference in calving difficulty. This means that feed restriction may decrease birth weight but it will not change calving difficulties when compared to cattle fed to their dietary needs.

- Cows consuming more hay during cold winters may increase nutrients to the fetus. However, research indicates calf birth weights would change only slightly (1 to 3 pounds) due to these increased nutrition levels.

### Gestation Length

- There is conflicting information on the correlation between gestation length and birth weight. Although the thought is that shorter gestation calves would be born lighter, there are some studies indicating the opposite.

- It is the standard rule of thumb that for each additional day of gestation at the end of pregnancy, the calf gains 1 pound body weight.

- The sire carries more influence on gestation length than the dam. The dam has a bigger influence on how big the calf gets before it's born (due to both maternal and environmental factors).

- Actual gestation length is determined mostly by the calf itself and its fetal maturity. This maturity triggers labor and is a function of genetics mostly from his sire. Some bulls consistently sire longer or shorter gestation calves than average.



Photo by Kurt Kangas

### Ambient Temperature

- Higher ambient temperatures resulted in shorter gestation.
- Colder ambient temperatures resulted in lower birth weight calves (but no difference in calving difficulty when compared to thermoneutral group).
- Another study looking at true winter environments showed that as average winter temperatures decreased 10 Fahrenheit, calf birth weights increased 1 pound and calving difficulty increased 2.6% points. They suspected this was due to increased uterine blood flow.

### Mud

- Another interesting study compared cattle housed in mud versus a normal dry environment.
- Heifers in the mud environment calved approximately 3.1 days before the heifers in the dry environment.
- The heifers in the mud environment lost body condition and had higher nutrient requirements, but did not show any difference in calf birth weight when compared to heifers housed in the dry environment. It is thought the heifers in the mud group seemed to prioritize fetal growth, and mobilized their body tissues to meet the energetic demands of pregnancy.

### Placental Weight/Development

- Placental cotyledon weight and total placenta weight has been correlated to higher birth weights.
- Low dietary protein concentration in the first trimester of pregnancy followed by increased protein in the second trimester enhanced placental development. Early protein restriction in the pregnant cow may enhance fetal growth in part by stimulating placental growth and function.
- First calf dams had lower total placental and average cotyledon weights than young and mature dams, yet calf birth BW was unaffected.
- Male calves are heavier than female calves, with no difference in placental weight.

As I try to answer the second part of this question, I think it's important we all look at the pregnant cow as a complete body system, that Mother Nature has created. In order to function optimally, we need to provide the appropriate substrates at adequate levels (neither deficient or excessive). It has also been proven that the mother cow will prioritize her calf over her own body needs, so in times of environmental stress or pressure, her body is going to attempt to protect her calf's survival. Fetal programming is real and environmental conditions signal certain genes to turn on and turn off. As producers, all we can do is to try to understand our environment; Mitigate environmental stressors and Manage our cow herds to the best of our ability.

I think we see greater variation in spring calves (January/February/March) because we have a much more variable set of environmental factors – but maybe not the factors we have traditionally blamed! I've said it before and I'll say it again, NUTRITION NUTRITION NUTRITION. The

nutrition in the first and second trimester (April – August) is extremely integral in placental development and is highly correlated to birth weights...and as we've all experienced in the last few years – grazing forage quality can be extremely variable dependent on precipitation. Complicate that with the developing rations during cold winter months for the third trimester and we definitely can affect birth weight in more ways than we realize! Conversely, the first and second trimester (November-January) of fall calves (August/September calvers) is much more consistent and under a producer's control as forage is dormant and/or the cattle are being fed. And then the calving conditions are much less variable both in temperature and the grazing is much more "optimal" in terms of CP and TDN without having to formulate a ration. Basically, fall calvers have less variation in environmental factors, so we see fewer extremes in their birth weights.

In our own cattle herd, we often look at what we can do to allow our herd to "meet its genetic potential." We have lots of EPD's to help us identify trends but ultimately it is what we do as managers that will influence these genetic factors and the Big Picture will unfold.

Thank you for another excellent question! Keep them coming and I'll keep answering them. Citations available upon request.

Until next time,  
~ Casey

**SADDLE MOUNTAIN ANGUS RANCH**  
John and Margie Mikesell  
7987 Hwy 93 S  
Sula, MT  
(406) 821-3433

Final Dispersal of Registered Black Angus Cows and heifers

<b>Sires Represented</b>	<b>Dams Influence</b>
Syden Enhance	Everalda Entense A104
Ten X	Paws Up Prospector 2026
Tour of Duty	Sitz Eisa Evergreen 1468
Journey	Mytty Barbamere Nell 967T
Jindra Acclaim	
Connealy Consensus	
Sitz Upward	

Yearling Heifers AI to Dual Threat and New Edition  
All cows pasture exposed to SMA BlackGold 20101858  
All but 2 have 50K tests completed  
All cows are 6 Y/O or younger except for 3  
22 breeding age cows, weaning heifers and bull calves

Nov 17 afternoon sale date at 5 Valley Livestock Missoula  
Animals subject to prior sale  
Please call for a brochure (406) 821-3433

# A Final Note from Dave Hinman



I would like to thank the Montana Angus membership for the recognition you gave me at the recent Montana Angus Tour. The framed picture will be hung in our home or the HA sale barn forever.

As I reflect over the past six years of serving on the AAA Board of Directors, I sincerely thank the Montana Angus membership for giving me the opportunity to represent you at the American Angus

Association. I love what I do as an Angus breeder, and I am very grateful to have been able to give some of my time to the industry that has made it possible for my family to make a living and live the lifestyle we cherish.

When we think of the AAA, we must remember that we have a great variance in our environments, and also, there are many differences in what we all look for in leadership from our Association. The new HS (hair shedding) EPD is a perfect example of something that may not be of particular interest to breeders in Montana, but someone in fescue country, in the heat of the south, it is of utmost importance. We can look at it as an opportunity for us in some of the lines of cattle we use, that do shed off very well. We may be able to merchandise cattle that do well in both environments.

I learned early on that as a Board member, we have to consider the entire membership, while never losing sight

of the commercial industry, as that is what keeps us all in business.

CAB is rolling along at a record-breaking pace. They continue to help each one of us to market in all segments of the industry.

Angus Link is a work in progress that is making in-roads in merchandising top quality feeder cattle with substantial premiums.

I have tried to make decisions during my time on the Board that may not always be the most popular, but what I have felt will have the best interest of the entire membership.

There are a couple of things that I feel we need to think about. We have a terrific staff at AAA and at CAB. While on the Board, I have met many of the people that work every



day. It is impressive to watch the dedication that they all have and the want to, to be the best at what they do every day and to give the membership the best they can. I think another thing that is of utmost importance, is that we keep members with a perspective of down-home reality on the Board, who can express the needs of the commercial industry and purebred breeders who make their living every day with Angus cattle.

I feel very fortunate to have made genuine friendships with cattlemen all across the country. We need to remember that we are all in this business together and that is how we will keep getting better at what we do and have a strong vibrant Association.

Once again, I would like to thank you for allowing me to represent the Angus breeders in the great state of Montana!

Dave Hinman



A Gift of Appreciation Presented to Dave Hinman

# STEVENSON'S

---

# DIAMOND DOT



Clint & Adana  
Stevenson  
(406)366-9023  
(406)374-2250

Lot 301



**Diamond Cavalry 104**

CED	+8	35%
BW	+6	35%
WW	+98	1%
YW	+171	1%
HP	+16.3	15%
MILK	+24	65%
MARB	+94	20%
RE	+58	55%
SW	+85	2%
\$B	+186	4%
\$C	+310	3%

Lot 302



**Diamond Cavalry 101**

CED	BW	WW	YW	HP	MILK	MARB	RE	SW	\$B	\$C
+6	+2.7	+94	+160	+16.3	+23	+57	+83	+76	+182	+296
55%	85%	1%	2%	15%	75%	55%	20%	10%	5%	10%

Lot 2



**Diamond Versatile K400**

CED	BW	WW	YW	HP	MILK	MARB	RE	SW	\$B	\$C
+7	+2.2	+89	+151	+15.3	+22	+1.14	+88	+76	+197	+332
45%	75%	2%	3%	20%	80%	10%	15%	10%	2%	1%

Lot 5



**Diamond Logo K879**

CED	BW	WW	YW	HP	MILK	MARB	RE	SW	\$B	\$C
+7	+1.2	+91	+10	+14.1	+21	+26	+55	+87	+132	+245
45%	50%	1%	10%	30%	85%	85%	60%	1%	60%	45%

Lot 303



**Diamond Reno 7281**

CED	BW	WW	YW	HP	MILK	MARB	RE	SW	\$B	\$C
+10	+9	+89	+154	+16.5	+27	+93	+85	+86	+191	+338
20%	45%	2%	3%	10%	45%	20%	20%	1%	3%	1%

- ◆ 240 Bull Calves
- ◆ 145 Two-Year-Old Bulls
- ◆ 100 Registered Females
- ◆ 1,000+ Commercial Females

**Fall  
Production  
Sale:  
Nov. 28<sup>th</sup> 2022**

[www.stevensondiamonddot.com](http://www.stevensondiamonddot.com)

# David Wilmer Reisig

FEBRUARY 1, 1949-NOVEMBER 22, 2021

David Wilmer Reisig, 72, went to be with the Lord on Nov. 22, 2021. David was born on Feb. 1, 1949, to Wilmer and Arlene Reisig in Glendive, Montana. The eldest of six kids, David was raised in Sidney MT where he graduated from Sidney High School. He then went on to College at Montana State University (GO BOBCATS) and graduated with an Ag Business degree.

David and Wanda met through mutual friends in Sidney and started dating while in college. They were married on June 8, 1969 in Miles City, MT. They celebrated their 50th Anniversary with a family trip to Hawaii that they will treasure forever.

David loved to work in multiple industries always having multiple irons in the fire working until the very end. David started working for Yellowstone County in Billings in 1973. They moved to Hardin four years later when he went to work for PCA where he remained until he started Reisig Agency in 1988. One of the proudest moments for David was when his three sons joined in the family businesses with him. Reisig Cattle was started with his family in 2007. David was admired and respected in the agricultural industry by all that knew him. He served on multiple boards for local banks, church and Republican party- just to name a few. David was a huge supporter of the 4H, FFA, local youth groups and all of his son's and grandchildren's activities. David and Wanda were active and supportive founding members of the Christian Missionary

Alliance Church. His passion was for everyone to know the Lord like he did.

David had a heart of gold and enjoyed going to work every day, whether it was in the office or out in the fields or pastures. He loved the community he lived in where his staff and customers were his close friends and extended family. David loved the Lord, his family and friends living life to its fullest. Wanda and David had the opportunity

to travel domestically and around the world sharing great explorations with one another.

David was preceded in death by his father, Wilmer.

He is survived by his wife of 52 years, Wanda; his sons, Chad (Kelli) of Billings/Hardin, Scott (Emily) of Hardin, and Dustin (Rebecca) of Lewistown; his grandchildren Taylor, Luke, Koyama, Makiko, Katana, Kiyoshi, Emiko, Eiko, Jacob and Colt\*; his great grandson Grant; his mother, Arlene;

his siblings Willeen (Jim), Donald (Ovida), Darryl (Sophie), Duane (Jen), Dan (Heather), his mother in law Katherine Miller along with numerous nieces, nephews and cousins.

Services were held Saturday, Nov. 27, 2021, at 11am at the Hardin High School Gym and burial followed at the Reisig Family Cemetery North of Hardin followed by a reception at the Fort Custer Golf Course.

*\*At the time of this obituary, Grandson Colt was a survivor but has since passed away May 25, 2022.*



**Cactus Cattle Company**  
**Annual Bull Sale**  
**Thursday, February 23, 2023**  
*Belle Fourche Livestock Market - Belle Fourche, SD*

**Bulls Sired By:**  
RM DUNL Cortachy Boy  
RM 2Trend  
RM Mustang

*Range-Developed*

*Coming 2 yr old Black Angus Registered Bulls*

**www.cactuscattleco.com**      **Plevna Montana - 406.772.6811**



**WHY SETTLE FOR LESS...**  
*Buy the Best!*

**SELLING 600 ANGUS!**

Text for Your Sale Book!  
 (406) 350-5443

**150 TWO YEAR OLD BULLS**  
 Never Been Picked Over  
 Developed Specifically for This Offering

**150 REGISTERED FEMALES**  
 50 Bred Heifers and  
 100 Proven Mature Producers

**150 YEARLING BULLS**  
 Our Most Progressive Genetics,  
 Trait Leading Sire Groups

**150 COMMERCIAL  
 BRED HEIFERS**  
 Sorted and Sold According to Due Date

*Where Cattlemen Buy Their Bulls . . .*

**Athletic, Age Advantaged Bulls, Cover More Country and Cover More Cows**

*Improve Substance*



*Improve Dimension*



*Improve Carcass*



*Improve Performance*



*Improve Calving Ease*



*Improve Maternal*



**FREE**  
 Nationwide Bull Delivery!



**TUESDAY**  
**NOVEMBER 29**  
**2022**

**f STEVENSON ANGUS .com**  
 Hobson • White Sulphur Springs (406) 423-7500  
**MONTANA**

*Home of America's Longest Established Annual Bull Sale*

# Montana Angus Producer Shares Their Beef Leaders Institute Experience



I was honored to be accepted to the class of 2022 Beef Leaders Institute. 26 Members of the American Angus Association ages 25-45 from across the United States and Canada embarked on 5 day informational “boot camp” of the American Angus Association and it’s role in the beef business from Pasture to Plate. Thanks to the references of Kurt Kangas and a few of my fellow Montana Angus

Breeders, I was awarded an Invitation to attend.

We started our Tour at the birthplace of the American Angus Association in St. Joseph Missouri. The First day was fully dedicated to educating us on the innerworkings of the Association. We had the opportunity to hear from Mark McCully the CEO, and the leading staff members from many of the operations of the Association which included the Performance Programs, Member Services, Angus Media, Angus Genetics Inc. and Angus Link. We also toured the Association headquarters and were introduced to the staff that keep our own Angus herds in order and compliance. We also learned about the history of the Association and the dedication it takes to operate the best breed Association in the business. It was one entire day at the Association, and it gave us all a real appreciation for what it takes to keep our own Angus Operations running.

Day 2 we hit the road to Tiffany Cattle Co. in Herrington Kansas, where we got a tour of their feedlot. It was a rather long day of traveling for us but offered a great opportunity to acquaint ourselves with each other. I think the comradery and relationships developed between all the attendees will be one of the most impactful pieces of the trip. We made it back to Kansas City Airport

that evening and boarded a flight to Columbus Ohio. On the connecting flight in Baltimore, we were treated to something quite unique. One of the attendee’s family had a restaurant in the Baltimore Airport that served their home raised Angus Beef and we took the time during our layover to sample some of the great Angus beef products they served. We finally made it to Columbus Ohio around Midnight and settled in for the evening.



Day 3 we traveled to the headquarters of Select Sires, Inc. in Plain City Ohio and were introduced to the history of the company and got to witness a few of the bulls at stud. We then traveled to visit a few retail stores that showcased Certified Angus Beef brand in the Northwest Columbus Market. A delicious CAB lunch was served for us at Matt the Miller’s Tavern before heading to Hudson Meat Company. The Hudson Meat Company was a former pig processing plant turned into a large-scale sous vide cooking operation where a majority of all the pre-cooked CAB meat products are made. The end of the day brought us Wooster Ohio and the headquarters for Certified Angus Beef.

Day 4 was all about Certified Angus Beef! We had an 8-5 full day of all the facets of the Certified Angus Brand, from the entire workings of the marketing teams to tasting the different grades of Certified Angus Beef cuts. Culinary chefs cooked up top notch meals for lunch and dinner and we were introduced to the packing side of the beef segment. There is often a large disconnect from the producers like us with the packing industry and the Culinary Center’s facility helps to bridge the gap between them through education and direct engagement with both sectors. The Culinary building is filled with images and photography of Angus cattle ranches all over the United States and even includes visual models to help demonstrate the cow-calf sector to its visitors.



The final Half Day was brief but very educational as we got a hands-on experience with a CAB carcass, and we were able to watch and engage in the break down of that carcass. We finished the day with a little souvenir shopping in the CAB store and made our way back to the Airport and back to our cattle ranching roots.

Like most producers it’s often difficult to leave our own operations to tour and travel outside our comfort zones. I am glad I didn’t pass up this once in a lifetime event and while the education aspect of the tour was incredible, the friendships and connections with other Angus Cattlemen and Cattlewomen across the US is something that will last forever. We are part of the very best Breed Association and the BLI showed us all exactly why. Whatever segment of the beef industry, whatever type of Angus Cattle you’re raising, the Angus Association is creating avenues and technologies to add value to your operation.

*Written by Nathan Baltrusch*

**DO THE MATH!**

Efficiency proven genetics offer you up to 20% more savings on the cow herd...and 20% more savings in the feedlot. It doesn't cost you any more than making sure you're using the right bulls and the right program.

# BEEF COUNTRY

## Genetics Sale

*The Efficiency Breeders*

*America's Largest Herd of Efficiency Tested Bulls*

**MATERNAL** Research from Canada, Australia, Texas A&M, University of Florida, Montana State University - Dr. John Patterson, University of Missouri, University of Illinois...have all shown **efficiency gains of 10-20%** in females tested to be negative RFI or sired by negative RFI bulls with no impact on weaning weight, fertility or yearling weight, **yielding a \$100-\$150 savings.**

*"Few management techniques can be offered to beef producers that yield a 10-15% improvement in production efficiency. By stacking generations selected for RFI improvement, greater than 20% in production efficiency can be achieved."*

*-Dr. Monty Kerley, University of Missouri*

**Stocker-Grass** A 20% savings in wintering and pasture costs can easily yield another **\$50-\$70/head.**

**Feedlot** Improvements in feed conversion have been proven up to **20%**. Just a **15% improvement** would be a **\$150/head savings.**

## Beef Country Genetics Offer...

Quiet Dispositions • Complete Performance  
Strong Maternal Emphasis • Structurally Sound  
Ultra-sounded • Affordable • Free Delivery up to 400 miles  
BVD-PI Tested Breed-leading Efficiency Sires  
Genomic Tested

Sale Broadcast on: [www.FrontierLiveSale.com](http://www.FrontierLiveSale.com)

Catalogs & Videos: [www.McDonnellBeefCountry.com](http://www.McDonnellBeefCountry.com)

# November 30, 2022

1PM || Midland Bull Test || Columbus, MT

## 140 Fall & Coming

### 2-Year-Old Bulls

## 60 Registered Bred Heifers\*

\*AI'd May 22 & 23

## 45 Commercial Bred Heifers\*

\*21 Day Breeding from May 22-June 13

### McD Effective 789



CED +6 // BW +1.8 // WW +67 // YW +125 // M +28 // MRB +1.09 // REA +.47

One of our high efficiency tested bulls in 2018. His daughters are excellent ribbed, uddered, and teated females. He is in the top 5% of breed for combined foot score and 10% for marbling.

- Additional Sires: SAV Rainfall, Sitz Resilient, McD Capitalist 910, LT Converse •
- Granger Black Eagle 822, Nest Gen 36, T/D Tiger, DB Iconic •

**MCDONNELL ANGUS**  
Leo & Sam McDonnell  
Columbus, MT  
406-780-0176

**MJB ANGUS**  
Matt Brown  
Lodge Grass, MT  
406-679-1796

**FROSTY CREEK ANGUS**  
Terry & LaVonne Frost  
Roundup, MT  
406-323-3415

# Tim Skinner Board Exit Interview

## **What did you enjoy about your time spent on the MAA board?**

I really enjoyed getting to know other breeders across the state better and have definitely made lifelong friends as well as resources. The people and friends in this business is rare in the world today and shouldn't be taken for granted.

Being on the board also gave me the opportunity to be more apprised of the issues in the beef industry and American Angus Association.

## **In what ways would you like to continue to be involved?**

There are a lot of things that a former board member can do to continue and be involved, from the NILE to tours to AAA Convention. I hope to continue and assist to steer the MSU Angus program in Bozeman and attend the AAA convention to help with the direction of AAA.

## **What are the 3 most important lessons you've learned from this experience?**

Be active and participate. There are so many areas in this industry that need attention and advocates. It is easy to get in a rut and just keep your head down and work at home but we need people advocating for our industry and way of life.

Don't be afraid to give your opinion. (Be respectful, but speak your mind even if you are the only one who feels that way. That's how many things get changed is by one person speaking to an idea and spit balling from there).

Everything isn't always as it appears from the outside. You have to ask questions from those involved before making a snap judgment.

## **Do you have any advice or suggestions for the current board?**

Enjoy it! Sometimes we get bogged down by the day to day mechanics of life and there can be some hard decisions but ultimately we are all trying to make the breed and association better because it is our passion and we shouldn't lose sight of that.

# Jake Callantine Board Exit Interview

## **What did you enjoy about your time spent on the MAA board?**

I truly enjoyed spending time with fellow breeders. Sitting down and sharing idea and thoughts with board members and breeders alike is something I will always cherish. Gaining wisdom from the likes of Dave and Leo to watching and learning from the younger guys like Chad, Tim, and Kevin has been a real treat.

## **In what ways would you like to continue being involved?**

Being interested in the history of the MAA and bringing back the Wayne Stevenson award is something I am so glad we did and moving forward I would like to continue to do more to honor the pioneer Angus breeders in our state. I also plan to keep working with the MAA Futurity show to make it better and better each year.

## **What are the 3 most important lessons you've learned from this experience?**

Well, turns out I am not near as smart as I thought I was. Everyone's opinion matters, and be nice to Jesse, she's the real boss.

## **Do you have any advice or suggestions for the current board?**

I encourage the board members to stay active and engaged in the organization. Stick to your beliefs! This a great organization with exceptional people – lead on.

## *MONTANA ANGUS ASSOCIATION* *BOARD OF DIRECTORS*

**Chad Denowh**, *1st Vice President*  
*Gartner-Denowh Angus Ranch*  
34750 Country Road 127  
Sidney, MT 59270  
(406) 798-3541 H • (406) 489-1762  
chadd@midrivers.com

**Kevin Arntzen**, *1st Vice President*  
*Arntzen Angus*  
231 Christina West  
Hilger, MT 59451  
(406) 462-5570 H • (406) 350-1612 C  
karntzen14@yahoo.com

**Bill Cook**, *2nd Vice President*  
*C Spear Angus*  
1980 Nth 5th Rd.  
Huntley, MT 59037  
cookbill44@gmail.com  
(406) 670-0689

**Kim Skinner**, *Director*  
*Skinner Ranch Seedstock*  
46 Farm to Market Rd. W.  
Hall, MT 59837 • (406) 581-1852 C  
skinnerranch@hotmail.com

**Darrell Stevenson**, *Director*  
*Stevenson Angus Ranch*  
428 Birky Road  
White Sulphur Springs, MT 59645  
(406) 350-5443 C  
stevenson.darrell@yahoo.com

**Kurt Swanson**, *Director*  
*Apex Angus*  
8805 Valier Hwy  
Valier, MT 59486  
(406) 279-3341 H • (406) 799-7026  
kcme@3rivers.net

**Andee Peterson**, *Director*  
*Peterson Grain & Cattle*  
32116 Road 230 N  
Havre, MT 59501  
(406) 945-2717 C  
andreebrook@gmail.com

**Brian Barragree**, *Director*  
*Barragree Cattle Co.*  
PO Box 562  
Absarokee, MT 59001  
(406) 780-1219  
barragreecattleco@hotmail.com

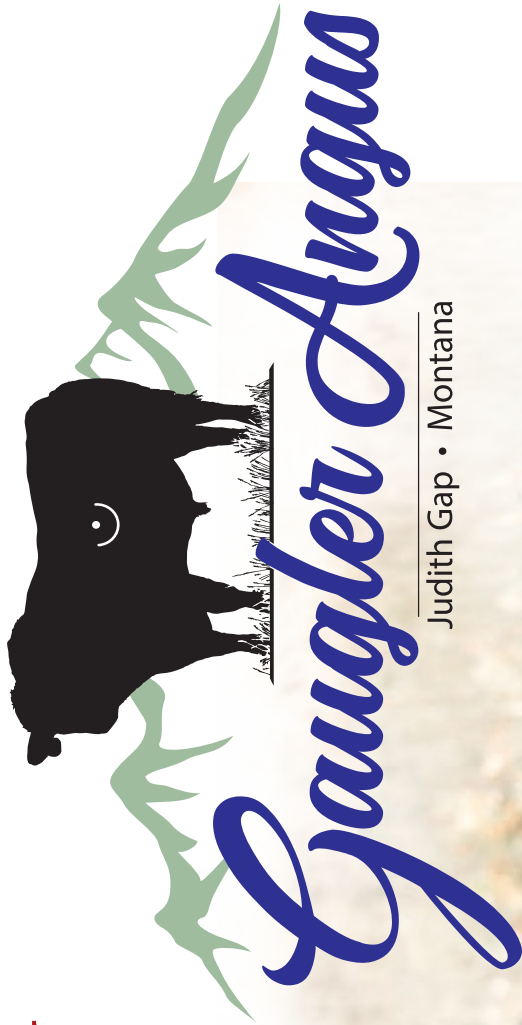
**Rick Van Dyken**, *Director*  
*Thousand Hills Angus*  
85 Lone Mountain Road  
Toston, MT 59643  
blkcttle@aol.com • (406) 581-2078

# PRODUCTION SALE

Saturday December 10<sup>th</sup>, 2022

Judith Gap, Montana

50+ Years Selling  
Quality Angus Bulls



Judith Gap • Montana

**Selling 50 Performance Angus Bulls**

Top 10% of bull calf crop

**Plus 20 Elite 3 year old Bred Cows**

**Free  
Wintering!**

**Featured Sires**

Coleman Resource 708

Duff Honcho 426

Coleman Bravo 6313

Coleman Charlo 0256

Rudrow's Capital Gain 50

**Mark & Laurie Gaugler**

**406-690-1546**

check out our web page 

**GauglerAngus.com**

*The Sella*

✓ Profitability ✓ Fertility ✓ Performance ✓ Longevity ✓ Fleshability ✓ Feet & Udders ✓ Docility ✓ Moderate Frame

# INDRELAND ANGUS

REGENERATIVE GRAZING GENETICS

ANNUAL BULL SALE

# DEC 5, 2022

**80** - 18 MONTH OLD BULLS

WE HAVE FEED TO WINTER THE BULLS



Sale broadcast on:  
[www.frontierlivesale.com](http://www.frontierlivesale.com)

## BRED FEMALES FOR SALE

CALL FOR MORE INFORMATION



**BULLS RAISED  
ON FORAGE ONLY!**

OUR COWHERD  
LIVES ON GRASS ALL  
YEAR AND WINTERS  
ON VERY LITTLE OR  
NO HAY.

WE LET THE  
ENVIRONMENT  
SORT OUR CATTLE,  
NOT EPDS.



SALE SCHEDULE

**DEC. 3-4**

VIEW CATTLE

**DEC. 5**

VIEW CATTLE, ONLINE  
OR ON-SITE BIDDING  
LOTS START CLOSING AT 1:00 PM

LUNCH SERVED  
EACH DAY.

Request a sale book:

## INDRELAND ANGUS

### ROGER AND BETSY INDRELAND

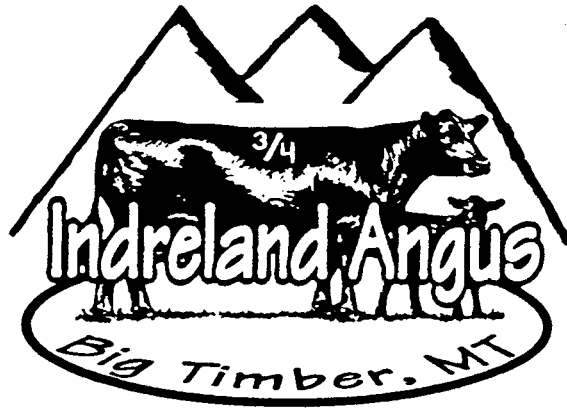
170 Glasston Rd • Big Timber, MT

406-932-4232 or 1-866-901-BEEF

[iaranch@itstriangle.com](mailto:iaranch@itstriangle.com)

Visit us online

[WWW.INDRELANDRANCH.COM](http://WWW.INDRELANDRANCH.COM)



## ***Here are a few things to think about as we evaluate livestock and land management .....***

- 1% increase in soil organic matter (SOM) will increase water holding capacity by 25,000 gallons per acre – that’s available moisture! GROUND COVER IS EVERYTHING!
- The production measure we strive for is pounds of dry matter per acre. A well managed diverse pasture will provide almost everything a cow needs at a very low cost – all that is needed is strategic supplementation. As Burke Teichert says, “Right amount, right time” – just enough to take the rough edges off the environment.
- Fed Feed vs. Grazed Feed – It is much cheaper to let a cow graze the forage than it is to harvest and then haul it to her, especially now with the cost of iron and fuel.

### **What is \$EN?**

The American Angus Association’s definition: “A cow energy value (\$EN) is available to assess differences in cow energy requirements, expressed in dollars per cow per year, as an expected dollar savings difference in future daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses.) Components for computing the cow \$EN savings difference include lactation energy requirements and energy costs associated in differences in mature cow size.”

### **Indreland Angus \$EN**

According to the Fall 2022 Sire Evaluation Report, the average for \$EN in the Angus breed for non-parent bulls is -16. Our average \$EN for our registered sale bulls is +16. With the rising cost of feed, we think the \$EN number really should be evaluated and, in our opinion, is the first step to low input production. In this case, **the difference of \$32.00 is a cost savings on EVERY animal in your herd, PER YEAR.**

**Bull Sale December 5<sup>th</sup> - See Opposite Page for Details!**

Happy Fall from MSU Angus! After a few fun days on the Montana Angus Tour, the MSU Angus team is back to work and back in class. Courses are ramping up, and the MSU Angus team is gearing up for a busy month of weaning, pregnancy checking, and records.

MSU will pregnancy check and wean the mature cow herd on October 24th at the Red Bluff Research Station. Bred heifers will be pregnancy checked on October 19th at the BART Farm in Bozeman. We are really eager to know the pregnancy rates on our recip herd and to see how the calves perform. MSU Angus will send out dam production reports between November and February on animals that remain in the herd from the donated heifers and bred heifers from 2019.

The MSU Angus crew had a wonderful time on the Montana Angus tour and would like to sincerely thank the Eastern Montana Angus Association for providing such great opportunities to network and look at great Angus cattle. Montana State University had two faculty members present - Dr. Tim DelCurto (MSU Angus Advising Professor) and Rachel Frost (Program Lead for the Dan Scott Ranch Management Program). MSU Livestock Operations Manager, Kellen Marlow, and Red Bluff Ranch Foreman, Noah Davis, were also in attendance along with incoming MSU Graduate Student Manager, Thomas Hamilton, myself, and graduate students in the DelCurto lab/MSU Angus teammates Jeremiah Peterson and Janessa Kluth. We thoroughly enjoyed the tour and are looking forward to upcoming opportunities to visit with Montana Angus producers.

MSU Angus is excited to announce that Thomas Hamilton of Baker, Oregon will be taking my position when I graduate in December. Thomas and I have been working together and going through the records to ensure a smooth transition. We have

no doubt that Thomas will do great things for the program and are looking forward to his expertise. Thomas will start his term in January.


As always, we truly cannot thank Montana Angus producers enough for all of their support, kind words, and encouragement.

If you are in Bozeman, please feel free to contact myself or Dr. DelCurto and we would gladly show you the MSU Angus cattle or answer any questions you might have. In addition, feel free to call or email if you have any questions or concerns.

Sincerely,

Taylre Sitz • [msu-angus@montana.edu](mailto:msu-angus@montana.edu) • 406-641-0807

Tim DelCurto • [timothy.delcurto@montana.edu](mailto:timothy.delcurto@montana.edu)  
541-910-8970

  
**HOLLOW TOP**  
—ANGUS—  
Pony, Montana


1st Annual  
**PRODUCTION SALE**  
MONTANA LIVESTOCK AUCTION, RAMSAY, MT

November 19, 2022


Featuring Sons of  
SITZ PROFOUND 680G  
SITZ ACCOMPLISHMENT 720F  
HA COW MAN 7939  
HA OUTSIDE TWO 7891  
KG JUSTIFIED 3023  
POSS RAWHIDE  
SITZ STELLAR 726D  
GDAR LOAD UP 7104

**SELLING COMING 2-YEAR-OLD BULLS AND BRED HEIFERS**

View videos & more info  


**ALL ANIMALS PAP TESTED**  
RANCH MANAGER: Clay Clarke 406-223-5078  
OWNER: Porter Bennett 303-513-9058  
RANCH OFFICE: 406-552-0491  
  @hollowtopangus

**[hollowtopangus.com](http://hollowtopangus.com)**

  
Broadcasting Live Cattle Auctions



**|| THOMAS HAMILTON ||**  
*MSU Student Spotlight*

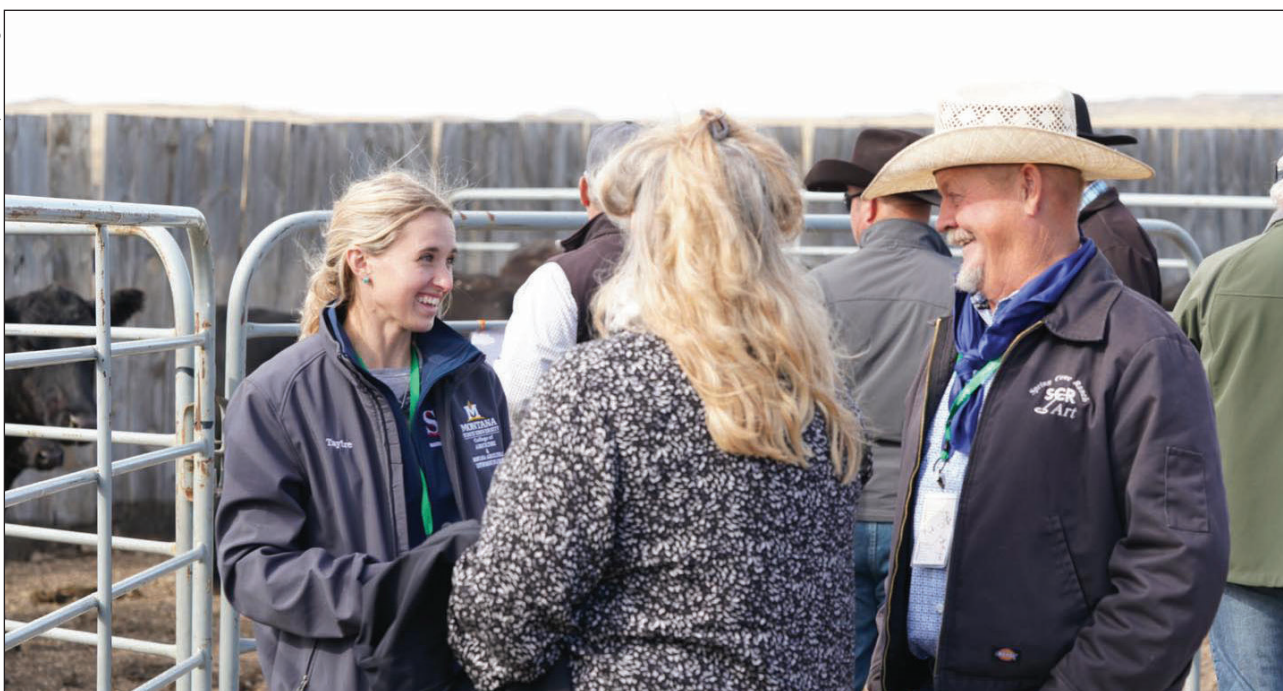
**M**y name is Thomas Hamilton and I have recently moved to the state of Montana to begin my PhD program working in the area of ruminant nutrition with Dr. Tim DelCurto. Prior to Montana State I was born and raised in Baker City, OR where my family currently resides with our registered Angus herd. I completed my undergraduate degree in Animal Science from the University of Idaho and continued my education by obtaining a master's degree from South Dakota State University in the area of ruminant nutrition with a focus on feedlot nutrition and management and the optimization of forage use in diets fed to backgrounding and finishing cattle in the Northern great plains.

I was first introduced to the Angus breed through my dad and grandfather who began purchasing registered cattle years ago. I remember being fascinated from a young age when I would attend bull sales at Thomas Angus Ranch owned and operated by family friends Rob and Lori Thomas in my hometown of Baker City, OR. Over the past several years my passion for the industry and breed has grown immensely as I have become more involved in working with my dad and grandfather on our own personal herd at Hamilton Angus Ranch. The past two years I was fortunate to be able to travel the country and tour some of the breeds leading Angus herds throughout the states of Montana, South Dakota, and Nebraska. Doing this gave me a great perspective of the versatility and diversity that we have within the Angus breed and how both management strategies and genetics can be utilized throughout different areas of the country. I was also given the opportunity to attend the Youth Beef Leadership Seminar located at the Certified Angus Beef headquarters in Wooster, OH. This was a great opportunity to meet with other young individuals passionate about the Angus breed and the marketing advantages that it presents.

Because of this I am very excited for the opportunity presented to me by Dr. DelCurto and MSU to be a part of the MSU Angus program. It has been a great experience thus far working with current MSU Angus manager Taylre Sitz and the rest of the MSU team. I am excited for the opportunities and experience that this opportunity will present for myself as well as others involved at MSU. Montana is full of great Angus cattle, and I am honored to be a part of this industry within this great state and look forward to meeting and working with other breeders. I have learned over the years that not only is the Angus breed full of great cattle but great people as well and I am looking forward to getting to know Angus breeders within the state of Montana.



Photo by Kurt Kangas



# Montana Angus Producers Visit Argentina



Photo by Lori Swanson

This past May, several Montana Angus producers were invited to travel to Argentina for the 100th Celebration of the Argentine Angus Association's Centennial cattle and trade show in Buenos Aires, Argentina. The trip took place from May 23-31, 2022—the group traded spring in Montana for fall in Argentina. In addition to attending the trade show, the producers also visited five Angus ranches, including the ranches of the Argentine Association President and Vice-President.

Some of the producers on the trip included Montana Angus Association members Derik & Corry Arntzen, Arntzen Angus Ranch of Hilger; Klint & Lori Swanson, Shipwheel Cattle Company of Chinook; and Raymond Gardner, Gardner Angus, of Winnett.

Weston Merrill, a Business Development Specialist with the Montana Department of Agriculture, put the trip together using federal dollars they could access as members of the U.S. Livestock Genetics Export Inc. (USGLE). Merrill was essential in setting up the trade mission by working in partnership with USGLE to help offset the trip cost for the producers. Merrill was also a key player on the trip—as he was the only one in the group

who spoke Spanish, the official language of Argentina.

“Hats off to Weston for organizing this trip,” Klint Swanson said. “He was great.”

The trip was a trade mission, intending to facilitate a network to connect Montana Angus producers with international marketing opportunities for Angus genetics.

**“It was great to see how they do things on the other side of the world,” Ray Gardner said, adding, “Their genetics are pretty similar to what I run at home.”**

Photo by Corry Arntzen



The first two days of the trip took place at the Argentine Angus cattle and trade show. An interesting part of the trade show for the producers was learning that the Argentine Angus Association includes both red and black Angus cattle, unlike the U.S., where the two are separate breed organizations.

The group also had the chance to visit a brand new livestock auction, the Mercado Agro Ganadero, which

had only been open for two weeks at the time of the trip. The auction was built with catwalks above the pens. And the cattle are sold by pens; the cattle aren't sold individually. "They don't sort them at all," Gardner said. "I might have the exact number wrong, but I believe they sold 8,000 head of cattle in four hours. It was impressive." The auctioneer drove a golf cart from pen to pen, with the buyers making bids from above on the catwalk.

"With their long runs and how the facility is set up, they can sell a lot of cattle in a short period of time," said Derik Arntzen.

After a few days at the trade show and the livestock auction, the group went to the countryside to visit several ranches.

"The labor force in Argentina for the ranches includes multiple gauchos (the equivalent of the Montana cowboy) who are multi-generational from within the same family, who take pride in the family career," Derik Arntzen said. "They were surprised by the minimal manpower we use to manage our herds of hundreds of head of cattle with very few horses and riders."

Though the group was over 6,000 miles away from home, they quickly discovered that many of the challenges faced in the U.S. are similar to Argentina: drought, political landscapes, export regulations, activists, and increased input costs.

**"Although we were a group comprised of independent and separate cattle producers from Montana and Argentina, and we had a substantial language barrier, there was an instant sense of camaraderie and desire to learn from one another," said Derik Arntzen.**

The Montana producers were amazed at the amount of grass they saw on the ranches. "It looks like they can run



Photo by Cory Arntzen

cattle all year. That's gotta help their bottom line," Gardner said.

One of Gardner's biggest takeaways from the trip was the use of electric fences on the ranches in Argentina, noting that they rotate their cattle daily. "A whistle would blow, and the cows would come running because they knew the fence would open." The electric fence is set on a timer, and it opens, allowing the cattle to walk underneath the wire, then close behind them.

On the trip, the group enjoyed an authentic open-fire grilled meal of various beef cuts, with meat and bread being the primary components of most meals. "Although coffee was an option, by far the most popular drink was mate," Cory Arntzen said. The energizing tea-like beverage is made using leaves and twigs from the yerba mate plant, a holly-like shrub steeped in hot water and served in a hollowed-out gourd and sipped through a metallic straw.

Overall, the trip was an excellent experience for all of the producers. They all enjoyed getting out of the city to see the ranching operations and cattle in their natural environments. Cory Arntzen said, "Seeing things like the individual ranches (estancias) and the natural vegetation, and interaction of people with the cattle in person allowed us a very practical view into their operations. We were able to connect on a more personal level, understanding their cattle preferences and operating philosophies."

"The amount of respect they have for our genetics here was nice to hear. It was nice to be around good people and see good cattle," Klint Swanson said.

Gardner said he would love to go back and experience the country more in-depth. "It was very interesting, I enjoyed visiting their country."

*Written by Stacy Bronec*



Photo by Cory Arntzen



## 2022 Montana Angus Tour Recap

The numbers are in: 587 miles, 8 tour stops, 220 attendees, 11 states represented from 3 countries, and endless beautiful Black Angus cattle.

The Eastern Montanan Angus Association folks were welcoming and accommodating for the 2022 Montana Angus Tour held September 20-22, 2022, headquartered out of Sidney, MT. The Tour activities kicked off with an information session with American Angus Association CEO Mark McCully. He gave a brief update on association happenings and answered any questions that people had. Next up was the Annual Membership Meeting of the MAA. This was Jake Callantine's and Tim Skinner's last meeting on the MAA Board of Directors and everyone thanked them for their time spent working to promote Angus in Montana. Chad Denowh takes over as President and we welcomed Kim Skinner to the board. Annual Meeting minutes and the financial report will be available in the January MAN. Delicious CAB prime rib was served at the Annual Tour Banquet while the association and Darrell Stevenson presented Dave Hinman with a beautiful photo as a thank you for his years spent representing Montana Angus producers on the AAA Board. Jake Callantine was also

recognized with a custom printed vest for his years spent on the MAA board. Last but not least, the Wayne Stevenson Memorial Award was awarded to Bill Davis and his wife Jennifer and his sister Patti were there to receive it for him as he passed away earlier this year.

It was still dark when the buses rolled out of the parking lot and

headed for the first breakfast stop of the tour on Wednesday morning. Roger Jacobs led the way and gave a brief history of the first Eastern Montana Angus Tour that was held in 1976. Stop number 1 was hosted by Bumgarner Angus at the Wibaux County Fairground. They had an excellent display of cattle on hand and served breakfast to the crew.

The convoy next made their way to DeGrand Angus near Baker, MT. Amanda DeGrand introduced the family and told



a bit about their operation and the bull they had featured. Many of their bulls stay in the country and go to repeat buyers. It was a beautiful morning out on the Montana prairie checking out the DeGrand Angus herd.

From there, the group moved back North to Lund's B Bar Angus outside of Wibaux. Steve Lund introduced his family and their sale is the 4th Saturday in March at the Bull Palace in Baker, MT. They sell 90 head annually. They had a phenomenal year in terms of moisture with 14 inches of rain. Steve's brother Rob does all the farming and they have quite a diverse operation farming: spring wheat, winter wheat, durum wheat, buckwheat, peas, corn, oats, millet,



# Diamond ngus

JOIN US FOR OUR  
**ONLINE PRODUCTION SALE**

**DECEMBER 10, 11, & 12**

*55 Years of Producing  
Registered Angus Cattle!*

**100% FORAGED DEVELOPED ♦ LONG YEARLING BULLS**



**DIAMONDDANGUS.COM**

**18106 VALIER HWY, VALIER, MT 59486**

**406-799-3480**

and hay barley. Their herd genetics are heavily influenced from years ago by the 1148 Traveler and more recently some Windy bloodlines to keep them maternal. Alliance, Hero 2418, Resilient, Resource, and Black Mass are other sires they utilize. The Lund's provided a delicious lunch meal before the tour headed back north of Sidney to the Gartner-Denowh Angus Ranch.

GDAR was the final stop of the day for the 2022 Montana Angus Tour. Paul Dykstra with Certified Angus Beef spoke for a bit about the brand and the trends they've been seeing and how the year ended up for CAB. Chad Denowh introduced everyone that is a part of their operation. They displayed many of the cattle that will be in their sale on November 14th with Bar JV Angus. It was a beautiful evening and the steaks were absolutely phenomenal

Day two of the Montana Angus Tour started at Bar JV Angus north of Sidney, MT. They had a pitchfork fondue for breakfast with a bunch of home baked goods which hit the spot. Dale Vitt introduced everyone who is a part of their crew They are 6 generations strong on the ranch and Dale spoke about the type of cattle they like to raise. Although it was quite windy and chilly, it didn't stop everyone from walking through the pens and getting a good eye on the cattle displayed.

From there, the convoy traveled to Thiessen's Regency Acres outside of Lambert, MT where we were greeted with a bit of rain. Russell Thiessen introduced his family and the genetics behind his herd. Thiessen's have a long and interesting history in the business. Everyone huddled in the shop until the rain passed but it was still a great stop on the tour.

The next stop was in Circle, MT at the fairgrounds with Wittkopp Angus. Curt introduced his family, friends, and neighbors who helped get ready for the event. Wittkopp's have been in the business since 1983 and AI 300-400 head annually. Wittkopp's put a lot of emphasis on the cow and



the maternal side of the herd is very important to their operation. Their steer calves have been going to the same buyer south of Miles City for the last 4 years and their heifer calves are usually bought and resold by Vermilion. Wittkopp's provided a fun to-go cup full of delicious snacks for everyone on tour and made it easy to take down the road to the final stop on the Montana Angus Tour.

Because of the location, it was a great turn out at the last stop at the Big Dry Angus Ranch outside of Jordan, MT. Usually the crowd is shorter on the last stop but everyone stuck around this year and made it a pretty good turnout. Even the McRae Brother's Targhee rams made it to the tour which might be a first! Historically, many of the ranches in Garfield County and the surrounding area were paid for with sheep and have since gone to cattle but the McRae's have been and are still very successful with both. Brent introduced the family and told everyone about the nuts and bolts of the operation. There was a lot of driving time between all the stops on this tour but it gave everyone the opportunity to talk all things Angus and catch up with neighbors and friends.

A big thanks is owed to all the tour hosts and volunteers that made the 2022 Montana Angus Tour possible. The Eastern MT Angus Association gathered an incredible amount of sponsors and donations that helped put this tour together and for their generous support, we thank them wholeheartedly. Great Angus cattle were displayed and viewed by tour guests, great conversations were generated from common ground in the industry and the love of the Angus breed, and eastern Montana showed us some of the great country that produces their finest seedstock. The 2023 Montana Angus Tour will be hosted by Midland Empire September 19-21, 2023, and will be headquartered out of Billings, MT. Keep an eye out for more announcements in the future as they make plans for the 2023 tour! Thanks again to all the participants, tour-goers, volunteers, sponsors, and supporters! See you back next year.

*Photos by Kurt Kangas*

*Wayne Stevenson Memorial Award Presentation to the family of Bill Davis*



HMA  
Marni Gaskill

# SHIPWHEEL CATTLE COMPANY

CHINOOK

MONTANA



*Selling*

100 – 18 month old bulls

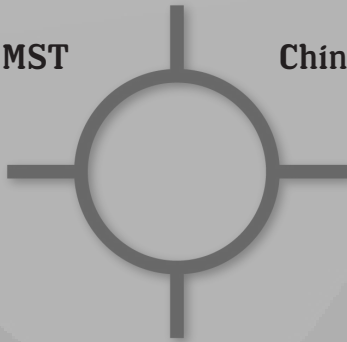
100 – Bred heifers

50 – Bred aged cows

*December 14, 2022*

1pm MST

Chinook, MT



*Sons by:*



Basin Rainmaker 4404



U2 Coalition 206C

Plus other sires: Coleman Bravo,  
Musgrave Exclusive,  
Shipwheel Keystone 7543,  
KG Justified, Pine Coulee Drifter

*Swanson family*

Klint & Lori  
Austin & Bree  
(406) 357-2492  
lori@shipwheelcattle.com



*Visit us online*

[www.shipwheelcattle.com](http://www.shipwheelcattle.com)



Shipwheel Dreamer 8522

# Get cows and replacement heifers bull bred faster

*A simple heat synchronization program can open opportunities for profit*



No matter the price of cattle, a heavier, more consistent calf crop will be more marketable. But with higher cattle prices, there is an opportunity for even greater margins.

Getting cows and heifers pregnant in a timely manner is critical to reaping economic advantages. There's a lot of profit potential if they can be bred the first 21 days of the breeding season.

On the flip side, for every 21 days cows are open, between 20 and 40 pounds of weaning weight is lost.<sup>1,2</sup> And, with today's high feed prices, there is a considerable cost to maintaining open cows.

## Heat synchronization isn't just for AI

A University of Nebraska-Lincoln study evaluated how heat synchronization affects calving distribution – and how time of calving affects carcass characteristics.<sup>2</sup>

Heat was synchronized with a single injection of prostaglandin 4.5 days (108 hours) after turning mixed-age bulls in with the cow herd. Study results show these benefits of synchronization:

- More cows calved during the first 21 days
- Calves were 20 pounds heavier at weaning
- Calves born in the first 21 days had greater carcass weights, marbling scores and better yield grades
- Shortened breeding season from 60 to 45 days
- Heavier, more valuable carcasses, which were worth an additional \$77 per carcass at the feedlot

### A simple solution: heat synchronization

Heat synchronization can help manage the timing of your breeding and calving seasons, whether you bull breed or use artificial insemination (AI). Getting more cows pregnant in the first 21 days delivers these benefits:

-  Shorter calving interval
-  Increased profit potential
-  Earlier conception
-  More uniform calf crop
-  Increased weaning weights

## Simple, one-dose synchronization

ESTRUMATE® (cloprostenol injection) is a leading prostaglandin that allows producers to manage heat detection, breeding and calving intervals, whether using bull breeding or AI. It offers a long half-life of three hours.<sup>3</sup>

One shot of ESTRUMATE 4 to 5 days after turning out the bulls is the optimal protocol. However, if that protocol won't fit your management system, one shot at turnout will still induce more cows to show heat sooner and get more cows calving during the first 21 days.

A lot of factors go into reproductive success. It's important to work with your veterinarian on vaccinations to optimize conception and to prevent reproductive loss through breeding and gestation. Your veterinarian can also assist with parasite management programs, bull management, bull stocking rate and breeding soundness exams.

By Jacques Fuselier, DVM, DACT, DABVP

Cattle Technical Services



For more information, visit [Estrumate.com](http://Estrumate.com) or scan the QR code using the camera on your phone.

<sup>1</sup> Cushman RA, Kill LK, Funston RN, Mousel EM, Perry GA. Heifer calving date positively influences calf weaning weights through six parturitions. *J Anim Sci*. 2013;91:4486-4491.

<sup>2</sup> Larson DM, Musgrave JA, Funston RN. Estrous synchronization increases early calving frequency, which enhances steer progeny value. *Nebraska Beef Cattle Reports*. 2010;14-16.

<sup>3</sup> European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products, Cloprostenol and R-Cloprostenol Summary Report, 1997.

### IMPORTANT SAFETY INFORMATION:

Women of childbearing age, asthmatics, and persons with respiratory problems should exercise extreme caution when handling ESTRUMATE. ESTRUMATE is readily absorbed through the skin and may cause abortion and/or bronchospasms; direct contact with the skin should be avoided and accidental spillage on the skin should be washed off immediately with soap and water. Do not administer ESTRUMATE to a pregnant cow if abortion is not desired. Severe localized post-injection clostridial infections have been reported; in rare instances infection has led to death. At 50 and 100 times the recommended dose, mild side effects may be detected. For complete information on ESTRUMATE, see package insert.



Copyright © 2022 Merck & Co., Inc., Kenilworth, NJ, USA and its affiliates. All rights reserved.





## Estrumate® (cloprostenol injection)

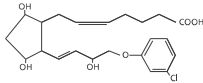
50 mcg cloprostenol/mL (equivalent to 263 mcg cloprostenol/mL)

A sterile solution of a prostaglandin F<sub>2α</sub> analogue for intramuscular injection in beef cows, lactating dairy cows, and replacement beef and dairy heifers

Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

### DESCRIPTION:

Estrumate® (cloprostenol injection) is a synthetic prostaglandin analogue structurally related to prostaglandin F<sub>2α</sub> (PGF<sub>2α</sub>). Each mL of the sterile colorless aqueous solution contains 250 mcg cloprostenol (equivalent to 263 mcg cloprostenol sodium), 1 mg sodium citrate, 0.56 mg anhydrous citric acid, 6.7 mg sodium chloride, 20 mg benzyl alcohol, and water for injection, q.s.



### INDICATIONS FOR USE:

- For unobserved or non-detected estrus in beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For treatment of pyometra or chronic endometritis in beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For treatment of mummified fetus in beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For treatment of luteal cysts in beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For abortion of beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For estrus synchronization in beef cows, lactating dairy cows, and replacement beef and dairy heifers
  - For use with Fertagy® (gonadorelin) to synchronize estrous cycles to allow for fixed time artificial insemination (FTAI) in lactating dairy cows.
- Estrumate causes functional and morphological regression of the *corpus luteum* (luteolysis) in cattle. In normal, non-pregnant cycling animals, this effect on the life span of the *corpus luteum* usually results in estrus 2 to 5 days after treatment. In animals with prolonged luteal function (pyometra, mummified fetus, and luteal cysts), the induced luteolysis usually results in resolution of the condition and return to cyclicity. Pregnant animals may abort depending on the stage of gestation.

### DOSAGE AND ADMINISTRATION:

Two mL of Estrumate (500 mcg cloprostenol) should be administered by **INTRAMUSCULAR INJECTION** using the specific dosage regimen for the indication. 20 mL bottle size: Use within 28 days of first puncture. 100 mL bottle size: Use within 28 days of first puncture and puncture a maximum of 12 times. Use only with automatic injection equipment or repeater syringe. Discard bottle after one stopper puncture with draw-off spike.

- For unobserved or non-detected estrus in beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
Cows and heifers which are not detected in estrus, although ovarian cyclicity continues, can be treated with Estrumate if a mature *corpus luteum* is present. Estrus is expected to occur 2 to 5 days following injection, at which time animals may be inseminated. Treated cattle should be inseminated at the usual time following detection of estrus. If estrous detection is not desirable or possible, treated animals may be inseminated twice at about 72 and 96 hours post-injection.
- For treatment of pyometra or chronic endometritis in beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
Damage to the reproductive tract at calving or postpartum retention of the placenta often leads to infection and inflammation of the uterus (endometritis). Under certain circumstances, this may progress into chronic endometritis with the uterus becoming distended with purulent matter. This condition, commonly referred to as pyometra, is characterized by a lack of cyclical estrous behavior and the presence of a persistent *corpus luteum*. Induction of luteolysis with Estrumate usually results in evacuation of the uterus and a return to normal cyclical activity within 14 days after treatment. After 14 days post-treatment, recovery rate of treated animals will not be different than that of untreated cattle.
- For treatment of mummified fetus in beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
Death of the conceptus during gestation may be followed by its degeneration and dehydration. Induction of luteolysis with Estrumate usually results in expulsion of the mummified fetus from the uterus. (Manual assistance may be necessary to remove the fetus from the vagina). Normal cyclical activity usually follows.
- For treatment of luteal cysts in beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
A cow or heifer may be noncyclic due to the presence of a luteal cyst (a single, anovulatory follicle with a thickened wall which is accompanied by no external signs and by no changes in palpable consistency of the uterus). Treatment with Estrumate can restore normal ovarian activity by causing regression of the luteal cyst.
- For abortion of beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
Unwanted pregnancies can be safely and efficiently terminated from 1 week after mating until about 5 months of gestation. The induced abortion is normally uncomplicated and the fetus and placenta are usually expelled about 4 to 5 days after the injection with the reproductive tract returning to normal soon after the abortion. The ability of Estrumate to induce abortion decreases beyond the fifth month of gestation while the risk of dystocia and its consequences increases. Estrumate has not been sufficiently tested under feedlot conditions; therefore, recommendations cannot be made for its use in heifers placed in feedlots.
- For estrus synchronization in beef cows, lactating dairy cows, and replacement beef and dairy heifers**  
The luteolytic action of Estrumate can be utilized to schedule estrus and ovulation for an individual cycling animal or a group of animals. This allows control of the time at which cycling cows or heifers can be bred. Estrumate can be used in a breeding program with the following methods:
  - Single Estrumate injection: Only animals with a mature *corpus luteum* should be treated to obtain maximum response to the single injection. However, not all cycling cattle should be treated since a mature *corpus luteum* is present for only 11 to 12 days of the 21-day cycle. Prior to treatment, cattle should be examined rectally and found to be anatomically normal, be non-pregnant, and have a mature *corpus luteum*. If these criteria are met, estrus is expected to occur 2 to 5 days following injection, at which time animals may be inseminated. Treated cattle should be inseminated at the usual time following detection of estrus. If estrous detection is not desirable or possible, treated animals may be inseminated either once at about 72 hours or twice at about 72 and 96 hours post-injection. With a single injection program, it may be desirable to assess the cyclicity status of the herd before Estrumate treatment. This can be accomplished by heat detecting and breeding at the usual time following detection of estrus for a 6-day period, all prior to injection. If by the sixth day the cyclicity status appears normal (approximately 25%-30% detected in estrus), all cattle not already inseminated should be palpated for normality, non-pregnancy, and cyclicity, then injected with Estrumate. Breeding should then be continued at the usual time following signs of estrus on the seventh and eighth days. On the ninth and tenth days, breeding may continue at the usual time following detection of estrus, or all cattle not already inseminated may be bred either once on the ninth day (at about 72 hours post-injection) or on both the ninth and tenth days (at about 72 and 96 hours post-injection).
  - Double Estrumate injections: prior to treatment, cattle should be examined rectally and found to be anatomically normal, non-pregnant, and cycling (the presence of a mature *corpus luteum* is not necessary when the first injection of a double

injection regimen is given). A second injection should be given 11 days after the first injection. In normal, cycling cattle, estrus is expected 2 to 5 days following the second injection. Treated cattle should be inseminated at the usual time following detection of estrus. If estrous detection is not desirable or possible, treated animals may be inseminated either once at about 72 hours or twice at about 72 and 96 hours following the second Estrumate injection. Many animals will come into estrus following the first injection; these animals can be inseminated at the usual time following detected estrus. Animals not inseminated should receive a second injection 11 days after the first injection. Animals receiving both injections may be inseminated at the usual time following detection of estrus or may be inseminated either once at about 72 hours or twice at about 72 and 96 hours post second injection.

Any breeding program recommended should be completed by either:

- observing animals (especially during the third week after injection) and inseminating or hand mating any animals returning to estrus, or
- turning in clean-up bull(s) 5 to 7 days after the last injection of Estrumate to cover any animals returning to estrus.

Management considerations for use of Estrumate for estrus synchronization:

A variety of programs can be designed to best meet the needs of individual management systems. A breeding program should be selected which is appropriate for the existing circumstances and management practices. Before a breeding program is planned, the producer's objectives must be examined and the producer must be made aware of the projected results and limitations. The producer and the consulting veterinarian should review the operation's breeding history, herd health, and nutritional status and agree that a breeding program is practical in the producer's specific situation. For any successful breeding program:

- cows and heifers must be normal, non-pregnant, and cycling (rectal palpation should be performed);
- cows and heifers must be in sound breeding condition and on an adequate or increasing plane of nutrition;
- proper program planning and record keeping are essential;
- if artificial insemination is used, it must be performed by competent inseminators using high-quality semen.

It is important to understand that Estrumate is effective only in animals with a mature *corpus luteum* (ovulation must have occurred at least 5 days prior to treatment). This must be considered when breeding is intended following a single Estrumate injection.

There is no difference in the fertility achieved following the single or double dosage regimen when breeding occurs at induced estrus, or at 72 and 96 hours post-treatment. Conception rates may be lower than expected in those fixed time breeding programs employing Estrumate alone which omit the second insemination (ie, the insemination at or near 96 hours). This is especially true if a fixed time insemination is used following a single Estrumate injection.

### 7. For use with Fertagy® (gonadorelin) to synchronize estrous cycles to allow for fixed time artificial insemination (FTAI) in lactating dairy cows

Use in reproductive synchrony programs similar to the following:

- Administer the first Fertagy® injection (2 mL, 86 mcg gonadorelin, as gonadorelin acetate) by intramuscular injection on Day 0.
- Administer 2 mL of Estrumate by intramuscular injection 8 to 8 days after the first Fertagy® injection.
- Administer the second Fertagy® injection (2 mL, 86 mcg gonadorelin, as gonadorelin acetate) 30 to 72 hours after the Estrumate injection.
- Perform FTAI 8 to 24 hours after the second Fertagy® injection, or inseminate cows on detected estrus using standard herd practices.

### CONTRAINDICATIONS:

Do not use this drug product in pregnant cattle, unless abortion is desired.

### WARNINGS AND PRECAUTIONS:

#### WITHDRAWAL PERIODS AND RESIDUE WARNINGS:

No milk discard or pre-slaughter drug withdrawal period is required when used according to labeling. Use of this product in excess of the approved dose may result in drug residues.

#### USER SAFETY WARNINGS:

Not for use in humans. Keep this and all drugs out of the reach of children.

**Women of childbearing age, asthmatics, and persons with bronchial and other respiratory problems should exercise extreme caution when handling this product.**

Estrumate is readily absorbed through the skin and can cause abortion and/or bronchospasms. Direct contact with the skin should therefore be avoided. Accidental spillage on the skin should be washed off immediately with soap and water. To obtain a copy of the Safety Data Sheet (SDS) or for technical assistance, contact Merck Animal Health at 1-800-211-3573 or <http://www.merck.com>

#### ANIMAL SAFETY WARNINGS:

As with all parenteral products, careful aseptic techniques should be employed to decrease the possibility of post-injection bacterial infection. Severe localized clostridial infections associated with injection of Estrumate have been reported. In rare instances, such infections have resulted in death. Aggressive antibiotic therapy should be employed at the first sign of infection at the injection site, whether localized or diffuse.

At 50 and 100 times the recommended dose, mild side effects may be detected in some cattle. These include increased uneasiness, slight frothing, and milk let-down.

#### CONTACT INFORMATION:

To report suspected adverse drug experiences, call Merck Animal Health at 1-800-211-3573. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or at <http://www.fda.gov/reportanimalae>

#### HOW SUPPLIED:

20 mL and 100 mL multidose vials

#### STORAGE, HANDLING, AND DISPOSAL:

- Protect from light.
  - Store in carton.
  - Store at 2-30°C (36-86°F).
- See FDA's website <http://www.fda.gov/safesharpsdisposal> for information on safe disposal of needles and other sharps.
- Approved by FDA under NADA # 113-645  
Copyright © 2017 Intervet Inc (d/b/a Merck Animal Health) a subsidiary of Merck & Co., Inc. Madison, NJ 07940 All rights reserved.  
Made in Germany  
Rev. 12/2018



# REYHER EMBRYONICS

**Conventional Flush & IVF Services**  
**Embryo Sexing • Embryonic Genomics**  
**Reverse Sort Semen**  
**Pregnant Recips • Weaned Calves**

Mark & Jeanne Reyher • 406-580-3490  
Austin Reyher • 406-599-6836  
7195 Thorpe Road, Belgrade, MT 59714  
[reyherembryonics@aol.com](mailto:reyherembryonics@aol.com)

## November 2022

- 11 **Arntzen Angus Signature Female Sale** • Lewistown, MT  
(406) 350-4000 • (406) 450-1612 • (406) 350-1728  
www.ArntzenAngus.com
- 12 **Montana Ranch Bull & Female Sale** • Big Fork, MT  
12:30pm • (406) 210-5605 • www.MontanaRanchAngus.com
- 14 **Gartner-Denowh Registered Female Sale** • Sidney, MT • 1pm  
(406) 798-3541 • www.GDAR-Angus.com
- 15 **Reminisce Angus Commercial Female Sale** • Dillon, MT  
(406) 925-1416 • www.RemAngus.com
- 15 **Skinner Ranch Seedstock Commercial Female Sale**  
Ramsay, MT • 1pm • (406) 288-4001 • www.SkinnerRanch.com
- 17 **Saddle Mountain Angus Ranch Dispersal Sale** • Missoula, MT  
(406) 821-3433
- 18 **Green Mountain Angus Ranch Production Sale** • Ryegate, MT  
12:30pm • (406) 220-1975 • www.GreenMountainAngus.com
- 19 **Hollow Top Angus Fall Bull Sale** • Pony, MT • (303) 513-9058  
(406) 223-5078 • www.HollowTopAngus.com

- 26 **Vermilion Angus Fall Bull & Female Sale** • PAYS • Billings, MT  
(406) 670-0078 • (406) 861-5664 • www.VermilionAngus.com
- 28 **Stevenson's Diamond Dot Annual Production Sale**  
Hobson, MT • 11am • (406) 374-2250 • (406) 366-9023  
www.StevensonsDiamondDot.com
- 29 **Stevenson Angus Annual Production Sale** • Hobson, MT  
1pm • (406) 423-7500 • www.StevensonAngus.com
- 30 **Beef Country Genetics Fall Bull Sale** • Midland Bull Test  
Columbus, MT • 1pm • (406) 322-5597 • (406) 780-0176  
www.McDonnellAngus.com

## December 2022

- 1 **Sitz Angus Fall Bull & Female Sale** • Harrison, MT • 12pm  
(406) 685-3360 • www.SitzAngus.com
- 2 **Harmon Angus Annual Production Sale** • Lavina, MT • 12pm  
(406) 636-4754 • www.HarmonAngus.com
- 2 **KG Ranch Annual Production Sale** • Headwaters Livestock  
Three Forks, MT • 12:30pm • (406) 285-3660 • www.KGRanch.com

**YOUR FORAGE** +  +  = **COMPLETE BALANCED RATION**

*FLAX & MOS STANDARD*      *NO MOLASSES NO UREA*

**GET UP TO 25% MORE** digestible energy, protein, and other nutrients from your forage with SweetPro.

- Protein
- Energy
- Minerals
- Vitamins
- ProBiotin
- a powerful digestive aide chelated & crystalloid*

*Breeding High Mag Flax Weaning MOS Stress*

# IT'S IN THE PROGRAM

**AVAILABLE WITH NATURAL EXTRACTS**

**Stress?**  
Clove, Cinnamon,  
& Chili Pepper Extracts



**Insects?**  
Garlic Extract



**866.601.6646**      **Agri Best**      **Feeds.com**



**ARROWQUIP**

# JC HEIKEN ANGUS & SONS

16TH ANNUAL PRODUCTION SALE

TUESDAY, FEBRUARY 28, 2023 1:00PM

MILES CITY LIVESTOCK COMMISSION MILES CITY, MONTANA

## SITZ INCENTIVE 704H

Watch for Incentive  
sons in this year's sale!



Call for more information or to discuss semen sales

John (406)855-7839 \* Brian (406)861-3151 \* Ben (406)860-7331 \* Joe (406)861-1020



Check out our website or follow us on Facebook for the most up-to-date information  
[www.JCheikenAngusAndSons.com](http://www.JCheikenAngusAndSons.com) or [facebook.com/JCheikenAngusAndSons](https://facebook.com/JCheikenAngusAndSons)

## December 2022

- 5 **Indreland Angus Bull Sale** • Big Timber, MT/Online • 1pm  
(406) 930-0671 • [www.IndrelandRanch.com](http://www.IndrelandRanch.com)
- 10 **Gaugler Angus Annual Production Sale** • Judith Gap, MT  
12pm • (406) 690-1546 • [www.GauglerAngus.com](http://www.GauglerAngus.com)
- 10-12 **Diamond D Angus Annual Bull Sale** • Valier, MT • 1pm  
(800) 932-6487 • [www.DiamondDAngus.com](http://www.DiamondDAngus.com)
- 13 **Hunt Creek Angus Bull Sale** • Miles City Livestock  
Commission • Miles City, MT • 1pm • (406) 425-0612
- 14 **Shipwheel Cattle Co. Annual Bull Sale** • Chinook, MT • 1pm  
(406) 357-2492 • [www.ShipwheelCattle.com](http://www.ShipwheelCattle.com)
- 14 **Armstrong Angus Ranch Annual Bull Sale** • Cardwell, MT  
1pm • (406) 287-3212 • [www.ArmstrongAngusRanch.com](http://www.ArmstrongAngusRanch.com)
- 16 **Bobcat Angus Annual Production Sale** • Western Livestock  
Great Falls, MT • 12:30pm • (406) 788-3272 • (406) 788-3244  
[www.BobcatAngus.com](http://www.BobcatAngus.com)

## January 2023

- 9 **Diamond Ring Sale** • Billings, MT
- 26 **Flesch Angus Annual Production Sale** • Shelby, MT • 1pm  
(970) 290-4353 • [www.FleschAngus.com](http://www.FleschAngus.com)

## February 2023

- Private Treaty Winter Bull Sale: Green Mountain Angus Ranch**  
Ryegate, MT • (406) 220-1975 • [www.GreenMountainAngus.com](http://www.GreenMountainAngus.com)
- 4 **1st Annual Beartooth Angus Bull Sale** • Billings, MT • 1pm  
(406) 794-1287 • [www.BeartoothAngus.com](http://www.BeartoothAngus.com)
- 9 **Wittkopp Angus Annual Bull Sale** • Glasgow, MT • 1pm  
(406) 974-3552 • (406) 228-9306 • [www.WittkoppAngus.com](http://www.WittkoppAngus.com)
- 16 **McNamee/Cook Angus Ranch Sale** • Miles City, MT • 1pm  
(406) 224-1790 • [www.McNameeAngusRanch.com](http://www.McNameeAngusRanch.com)
- 21 **Coleman/Trexler Angus Ranch Bull Sale** • Missoula, MT  
Five Valley • 1pm • (406) 363-8818 • (406) 728-3052  
(406) 240-2751 • (406) 833-0117 • [www.ColemanAngus.com](http://www.ColemanAngus.com)
- 23 **Cattleman's Advantage Bull Sale** • Manhattan, MT  
12pm • (406) 580-1606 • [www.VDAR.com](http://www.VDAR.com)
- 23 **Cactus Cattle Company Bull Sale** • Belle Fourche, SD  
(406) 891-5811 • [www.CactusCattleCo.com](http://www.CactusCattleCo.com)
- 24 **Skinner Ranch Seedstock Annual Production Sale** • Hall, MT  
1pm • (406) 288-4001 • [www.SkinnerRanch.com](http://www.SkinnerRanch.com)

- 25 **Never Sweat Ranch Production Sale** • Five Valleys Livestock  
Missoula, MT • 1pm • (406) 728-3052  
[www.NeverSweatRanch.com](http://www.NeverSweatRanch.com)
- 27 **Circle L Angus Production Sale** • Beaverhead Livestock Auction  
Dillon, MT • 1pm • (406) 832-3535  
[www.CircleLAngus.com](http://www.CircleLAngus.com)
- 28 **JC Heiken & Sons Angus Annual Production Sale** • Miles City  
Livestock • Miles City, MT • 1pm • (406) 855-7839  
[www.JCHeikenAngusAndSons.com](http://www.JCHeikenAngusAndSons.com)
- 28 **Connelly Angus Ranch** • Valier, MT • 1pm • (406) 279-3569  
(406) 899-3826 • [www.ConnellyAngus.com](http://www.ConnellyAngus.com)

## March 2023

- 1 **Ox Bow Ranch Annual Bull Sale** • Wolf Creek, MT • 1pm  
(406) 235-4281 • [www.OxBowRanchAngus.com](http://www.OxBowRanchAngus.com)
- 2 **Split Diamond Ranch Annual Bull Sale** • Dillon Livestock  
Auction • Dillon, MT • 1pm • (406) 581-0612 • (406) 498-3005  
[www.SplitDiamond.com](http://www.SplitDiamond.com)
- 3 **Reminiscence Angus Ranch Annual Bull Sale** • Dillon, MT • 1pm  
(406) 925-1416 • (406) 683-6363 • [www.RemAngus.com](http://www.RemAngus.com)
- 4 **Bulls of the Bitterroot Annual Bull Sale** • Stevensville, MT  
1pm • (406) 360-1875 • (406) 544-0043  
[www.BullsOfTheBitterroot.com](http://www.BullsOfTheBitterroot.com)
- 6 **Clear Creek Angus Production Sale** • Chinook, MT • 1pm  
(406) 399-0403 • (406) 399-5335 • (406) 357-2286  
[www.ClearCreekAngus.com](http://www.ClearCreekAngus.com)
- 7 **Veltkamp Angus Annual Bull Sale** • Manahattan, MT • 1pm  
(406) 539-8564 • [www.VeltkampAngus.com](http://www.VeltkampAngus.com)
- 7 **Apex Angus Value Added Production Sale** • Valier, MT • 1pm  
(406) 279-3548 • (406) 799-7027 • (406) 799-7026  
(406) 899-7982 • [www.ApexAngus.com](http://www.ApexAngus.com)
- 8 **Sitz Angus Ranch Spring Bull Sale** • Dillon, MT • 12pm  
(406) 683-5277 • [www.SitzAngus.com](http://www.SitzAngus.com)
- 11 **44th Annual Duncan Ranch Production Sale** • Joplin, MT  
1pm • (406) 399-6300 • (406) 945-0785 • (406) 399-6312  
[www.DuncanRanch.com](http://www.DuncanRanch.com)
- 11 **Thousand Hills Angus Annual Bull Sale** • Headwaters  
Livestock • Three Forks, MT • 1pm • (406) 581-2078  
[www.ThousandHillsAngus.com](http://www.ThousandHillsAngus.com)
- 13 **Pine Coulee Angus Annual Bull Sale** • Wagon Box Ranch  
Hardin, MT • 12pm • (406) 780-1230 • (406) 855-2832  
[www.PineCoulee.com](http://www.PineCoulee.com)

- 14 **Stevenson's Diamond Dot Annual Production Sale**  
Hobson, MT • 11am • (406) 374-2250 • (406) 366-9023  
www.StevensonsDiamondDot.com
- 15 **Stevenson Angus Spring Production Sale** • Hobson, MT  
(406) 423-7500 • www.StevensonAngus.com
- 17 **Montana Performance Bull Coop w/ Basin Angus**  
Midland Bull Test • Columbus, MT • 1pm • (406) 350-0350  
(406) 366-3612 • (406) 366-0688 • (406) 450-2332  
www.BasinAngus.com
- 18 **Winding River Angus Private Treaty Opening Day**  
Bridger, MT • 12pm • (406) 652-7515  
www.WindingRiverAngus.com
- 18 **South Montana Angus Association Performance Sale**  
Ramsey, MT • 1pm • (406) 431-1009
- 18 **Gnerer Angus Bull Sale** • Olive, MT • 1pm • (406) 498-6113  
www.GnererAngus.com
- 18 **Nueta Cattle Co. Bull Sale** • Busby, MT • 11am-2pm  
(406) 679-0013 • (406) 679-0099 • www.NuetaCattle.com
- 20 **Whistling Winds Angus Bull Sale** • Hingham, MT • 1pm  
(406) 390-1471 • www.WhistlingWindsAngus.com
- 21 **Rocking L Genetics & Snowy Mountain Angus Sale**  
Lewistown Livestock • Lewistown, MT • 1pm  
(406) 350-1059 • (406) 951-0212 • (406) 366-0292
- 22 **Peterson Grain & Cattle Bull Sale** • 32116 Rd. 230N, Havre, MT  
1pm • (406) 245-0889 • (406) 945-2717  
www.PetersonGrainAndCattle.com
- 23 **Gartner-Denowh Angus Ranch Annual Bull Sale**  
Sidney, MT • 1pm • (406) 798-3355 • (406) 798-3541  
www.GDAR-Angus.com
- 23-24 **Vermilion Ranch Angus Spring Production Sale**  
PAYS • Billings, MT • 11am • (406) 670-0078  
(406) 861-5664 • www.VermilionAngus.com
- 25 **Lund's B Bar Angus Annual Bull Sale** • Bull Palace  
Baker, MT • 1pm • (406) 978-3634 • (406) 978-3633  
www.LundsBBarAngus.com
- 27 **Larsen Ranch Angus Annual Bull Sale** • Forsyth, MT • 1pm  
(406) 351-1412 • (406) 351-9828 • www.LarsenRanch.com
- 27 **Harrer's Lost Lake Ranch "In the Real World" Sale**  
Western Livestock • Great Falls, MT • 1pm • (406) 899-9061  
(406) 737-4315 • www.HarrersLostLakeRanch.com
- 27 **Cole Creek Angus Ranch Annual Bull Sale**  
Midland Bull Test • Columbus, MT • 1pm • (406) 839-7588  
(406) 962-3743 • www.ColeCreekAngusRanch.com
- 28 **Bar JV Angus Bull Sale** • Fairview, MT • 1pm  
(406) 798-3398 • www.BarJVAngus.com

## April 2023

- 1 **Reisig Cattle Production Sale** • Hardin, MT • 1pm  
(406) 350-1800 • www.ReisigCattle.com
- 4 **Hinman Angus Annual Bull Sale** • Malta, MT • 1pm  
(406) 654-1809 • www.HinmanAngus.com
- 5 **Nissen Angus Annual Bull Sale** • Blaine County Fairgrounds  
Chinook, MT • (406) 357-2643 • www.NissenAngus.com
- 6 **Arntzen Angus Ranch Production Sale** • Hilger, MT • 1pm  
(406) 462-5557 • www.ArntzenAngus.com
- 7 **Midland Bull Test Angus Day** • Midland Bull Test  
Columbus, MT • 1pm • (406) 322-9911 • (406) 322-5597  
www.MidlandBullTest.com
- 8 **Rambur 45th Annual Bull Sale** • Sidney, MT • 1pm  
(406) 489-3255 • www.RamburChar.com
- 10 **C Spear Angus Annual Bull Sale** • Billings, MT • 1pm  
(406) 670-0689 • (406) 670-6311
- 11 **Hilltop Angus Ranch** • Denton, MT • 1pm • (406) 366-3461  
www.HilltopAngus.com
- 13 **Pass Creek Angus Bull Sale** • Wyola, MT • 12pm  
(406) 343-2551 • www.PassCreekAngus.com
- 14 **Regency Acres Bull Sale** • Lambert, MT • 1pm  
(406) 774-3702 • www.RegencyAcres.com
- 18 **Treasure Test Bull Sale** • Western Livestock • Great Falls, MT  
1pm • (406) 788-9869 • www.TreasureBullTest.com
- 21 **DeGrand Angus Bull Sale** • Baker, MT • 1pm • (406) 775-8861  
www.DeGrandAngus.com
- 21 **Timber Line Ranch "Bred for Business" Bull Sale**  
Manhattan, MT • 1pm • (406) 388-2408  
www.TimberLineAngus.com
- 27 **North Country Bull Sale** • Glasgow Stockyards • Glasgow, MT  
(406) 288-9306 • North Bench Livestock
- 28 **Medicine Rocks Annual Bull Sale** • Bowman, ND • 1pm  
(877) 211-0600 • www.MedicineRocksRanch.com

## January/February 2023

## Montana Angus News

## Deadline: January 5th, 2023

~ AMERICAN ANGUS ~  
ASSOCIATION CONTACTS

**Kurt Kangas**  
Regional Manager  
Big Timber, MT  
(406) 366-4190  
kkangas@angus.org

**Darrell Stevenson**  
Director  
White Sulphur Springs, MT  
(406) 350-5443  
stevenson.darrell@yahoo.com

**Dave Hinman**  
Director  
Malta, MT  
(406) 654-4656  
(406) 654-1809  
hinmanangus@hotmail.com

**Let's have a ... Sale!**

**JOE GOGGINS**  
Purebred Auctioneer

4935 Powmer Road • Billings, MT 59105  
Cell 406-861-5664 • Home 406-373-6844



**Sleeping Giant Genetics**

*Providing...*

*Serving the Big Sky*

- Attention to Detail
- On Farm Donor Flushing
- In Clinic Donor Flushing
- Embryo Implants
- Co-operator Herds
- Pregnant Recipients
- IVF Services
- Affordable Pricing
- Professionally Licensed
- 20+ Years Experience

**Will Malcolm** 28 Cokedale Rd., Livingston, MT 59047  
406.223.2234 • sleepinggiantgenetics@gmail.com

**THE COMBINED  
COMPETITIVE MARKETS  
OF BILLINGS**



1-866-616-5035  
www.northernlivestockvideo.com



SINCE 1934  
**Livestock Commission**  
(406) 245-4151 • 1(800)635-7364  
www.billingslivestock.com



(406) 245-6447 • (800)821-6447  
www.publicauctionyards.com

*"Selling the regions  
finest angus cattle"*

**Bar D Livestock Services**

**ultratek**

**Certified  
Ultrasound  
Technician**

**Sonja Gregory**  
406 - 538 - 8824  
406 - 670 - 2045

8740 Forest Grove Road  
Lewistown, Montana 59457  
bardlivestock@yahoo.com

**Milk River  
Genetics**

**Donor  
Housing Facility**

Royce Houtzel  
13765 Peoples Creek Rd  
Chinook, Montana 59523  
(406) 945-3261  
mrg@itstriangle.com

- 90 Day Pregnant Recips
- Conventional & IVF Services
- AI Services

# WYSE GENETICS

REPRODUCTIVE SPECIALIST

## Embryo Transfer

## A. I. Projects

STEVE WYSE  
406-581-0302  
stevecattle@juno.com

The **WYSE** Choice for Affordable,  
High Quality Reproductive Services

### November 2022

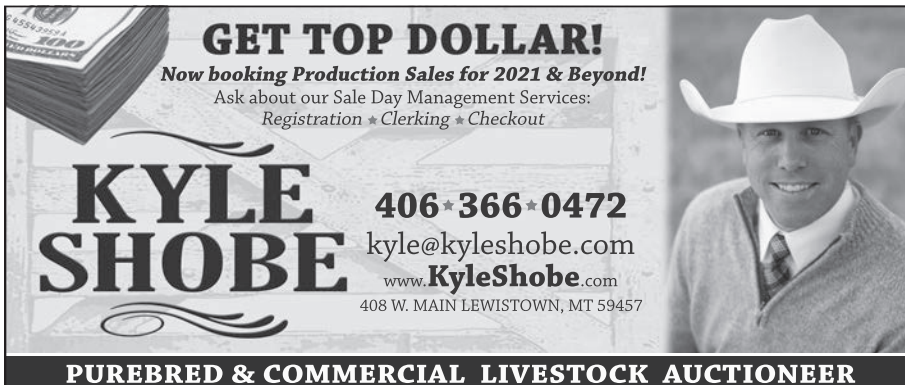
- 12 Montana Ranch - Big Fork, MT
- 14 GDAR/Bar JV Female Sale - Sidney, MT
- 15 Reminisce Angus - Dillon, MT
- 18 GMAR - Ryegate, MT
- 26 Vermillion Ranch - Billings, MT
- 28 Stevenson Diamond Dot - Hobson, MT
- 29 Stevenson Angus Ranch - Hobson, MT

### December 2022

- 1 Sitz Angus Ranch - Harrison, MT

### February 2023

- 1 Beggar's Diamond V - Wibaux, MT
- 13 Felton Angus Ranch - Big Timber, MT
- 16 Miske Angus Ranch - Glendive, MT
- 22 Stortz Angus Ranch - Glendive, MT
- 23 VanDyke Angus Ranch - Manhattan, MT



**GET TOP DOLLAR!**  
Now booking Production Sales for 2021 & Beyond!  
Ask about our Sale Day Management Services:  
Registration \* Clerking \* Checkout

**KYLE SHOBE**  
406 \* 366 \* 0472  
kyle@kyleshobe.com  
www.KyleShobe.com  
408 W. MAIN LEWISTOWN, MT 59457

**PUREBRED & COMMERCIAL LIVESTOCK AUCTIONEER**

## Jacobs Livestock Sales Inc.

Home: 406-373-6124  
Cell: 406-698-7686  
PO Box 270,  
Shepherd, MT 59079  
auctions@jacobslivestock.com  
www.jacobslivestock.com



**United Country Real Estate** | **PEDE and Associates**

Let us help You! We know Agriculture!  
We know Land! We know Houses!  
We know Montana!

www.PEDEandAssociates.com  
Accredited Land Consultant

**Patti Davis, Broker**  
406-570-1541  
pdavis52@gmail.com

## TJ HAULING & DELIVERY

COMMERCIAL • LIVESTOCK

LONG HAULS - SHORT HAULS  
YEAR ROUND SERVICES  
INSURED



**T.J. SCHILLING**  
406.697.3636  
5546 NEIBAUER RD.  
BILLINGS, MT 59106



**WORLD WEST**  
SIRE SERVICES INC.

SEMEN COLLECTION  
STORAGE & SHIPPING  
SIRE HOUSING

**SCOTT SPICKARD**  
406-628-7510 office  
406-855-9034 cell  
release@worldwestsire.com  
25 Winterpast Lane  
Joliet, Montana 59041  
(6 miles South of Laurel, MT)

**HOME AWAY FROM HOME TO THE WORLD'S GREATEST BEEF BULLS**

# ADVERTISING INDEX

AgriBest Feeds . . . . . 32	Bobcat Angus . . . . . Inside Front Cover	Goggins, Joe . . . . . 36
Apex Angus . . . . . 2	Cactus Cattle Co. . . . . 14	Hilltop Angus . . . . . Inside Back Cover
Ballyhoo Printing & Design. . . . . 38	Diamond D Angus . . . . . 27	Hinman Angus . . . . . 1
Bar D Livestock Services . . . . . 36	Gartner-Denowh Angus Ranch. . . Back	Hollowtop Angus . . . . . 22
Bar JV Angus. . . . . Back Cover	Gaugler Angus . . . . . 19	Iindreland Angus . . . . . 20-21
Beef Country Breeders. . . . . 17	Green Mountain Angus Ranch . . . . . 7	Jacobs Livestock. . . . . 37

JC Heiken Angus & Sons . . . . . 33
KG Ranch . . . . . 5
Little Belt Classic . . . . . 8
Merck . . . . . 30-31
Midcontinent Livestock Services . . . 39
Milk River Genetics . . . . . 36
Northern Livestock Video . . . . . 36
Reminisce Angus . . . . . 4, 40
Reyher Embryonics . . . . . 31
Saddle Mountain Angus . . . . . 11
Schilling Hauling & Delivery. . . . . 37
Shipwheel. . . . . 29
Shobe, Kyle. . . . . 37
Sitz Angus . . . . . 3
Sleeping Giant Genetics. . . . . 36
Stevenson Angus . . . . . 15
Stevenson's Diamond Dot Angus . . . 13
United Country PEDE . . . . . 37
Vermilion Angus. . . . . 9
World West Sire Services. . . . . 37
Wyse Genetics . . . . . 37



## How Do You Ballyhoo?

Custom Design • Full Service Printing • Mailing  
**Bull Sale Catalogs Are Our Specialty. Still.**

*We've helped sell a lot of bulls in our twenty plus years!*



### Custom everything.

*What are you imagining? What do you envision? What do you need?*

Your ideas and needs are critical. It's our job to help bring them to life.

Providing quality service and support with every aspect of your project is our passion.



Anything on paper (books, invoices, invitations . . .) plus  
 photo prints and gifts, wall art, banners, and so much more!

**It's not producing. It's creating.**

**Create**  
 with us!

*or uses a photo*  
*if it's on paper . . . ask us!*

**406 • 538 • 7988**

187 W Frontage Road • Lewistown, MT 59457

Gerri Campbell owner

**BallyhooPrinting.com**



**ballyhoo** \bal'ē-hōō/ n. Sensational or clamorous advertising or publicity v. To make known vigorously the positive features of (a product)





Don't Gamble With Cow Body Condition

# MLS Tubs Are A Sure Bet



Improve forage digestibility and increase intake this winter with MLS Tubs that are available 24/7. The payoff comes in the spring with successful calving and breed back for your herd.

Learn More & Stay in Touch  
[mlstubs.com](http://mlstubs.com)  
[info@mlstubs.com](mailto:info@mlstubs.com)



MLS Territory Managers:

**Emily Bendish 701-471-3067**



*Customer Service-* Providing health, feedlot and grid performance data for our customers for over 25 years.

*Reminisce Cows-* Cow herd performance starts with measuring structural soundness and disposition. If these 2 traits aren't in order, it doesn't matter how fertile she is or how big of calf she can raise.

*Reminisce Bulls-* Born and raised in altitudes above 7,000.' Developed on a 41 mega cal ration; Summered in big sage brush pastures to learn to travel in big country.

### *How Good are Your Cattle?*

Bragging rights on performance begin and end on the rail. On that day you will know how healthy they were, how well they gained, how well they converted, and how well they will taste to a consumer that doesn't know you. We all sell our cattle by the pound and on that day you will be paid accordingly. Do you know how good your cattle are? Reminisce Angus customers do. They have the data. They have the bragging rights.

*VAR Reserve 1111*



*30 Sons Sell!*

AAA# 16916944	DOB: 01/31/2011
CED BW WW YW M MB RE	
+9 +.6 +50 +91 +22 +.76 +.84	

*Hoover Dam*



*30 Sons Sell!*

AAA# 16124994	DOB: 01/25/2008
CED BW WW YW M MB RE	
+7 -.3 +46 +88 +25 +.79 +.77	

*Musgrave Aviator*



*50 Sons Sell!*

AAA# 17264774	DOB: 01/30/2012
CED BW WW YW M MB RE	
+10 -1.9 +49 +90 +25 +.63 +.70	

*Annual Bull Sale*

**MARCH 3, 2023**

1:00 PM at the Big West Feeding Facility, Dillon, Mont.

*165 Head Sell  
Including 35 Embryo Bulls*

**BRYAN & MARCIA MUSSARD**

6101 Sweetwater Rd. Dillon, MT • 406-925-1416 • 406-683-6363 • bryanmussard406@gmail.com

[www.remangus.com](http://www.remangus.com)

# Selling 100 Angus Bulls & 100 Replacement Heifers



**S A V Constitution 8054**

calved: 02/17/2018 tattoo: 8054 reg: 19249584

CED	BW	WW	YW	Milk	Marb	RE	\$M	\$W
+8	+0.9	+74	+117	+15	-.21	+.89	+59	+64



**Hoffman Rally 9919**

calved: 09/14/2019 tattoo: 9919 reg: 19703176

CED	BW	WW	YW	Milk	Marb	RE	\$M	\$W
+10	+1.2	+86	+148	+34	+.31	+.73	+76	+87



**GDAR Lockdown 917**

calved: 01/30/2019 tattoo: 917 reg: 19464138

CED	BW	WW	YW	Milk	Marb	RE	\$M	\$W
+7	+1.3	+69	+130	+29	+.33	+.57	+74	+67

## Annual Production Sale Tuesday

# APRIL 11<sup>th</sup> 2023

Lunch at Noon  
Sale at 1:00 p.m.

3 miles south of  
Denton, Montana



Contact us  
for your  
Sale Book!

Cory & Tammie Poser 406/ 366-3461  
Gary & Carmen Poser 406/ 567-2627  
1831 Everson Road • Denton, MT 59430  
cory.poser@icloud.com

[www.HilltopAngus.com](http://www.HilltopAngus.com)

Montana's GDAR & Bar JV

# "OFF THE TOP"

## Angus Female Sale

Monday, November 14, 2022

1:00 p.m., GDAR Sale Facility, Sidney, MT



### Selling:

- 100 Bred Heifers
- 10 Bred Cows (Includes "Feature" Donors)
- 5 Hand Picked Bar JV Heifer Calves
- Heifer Pregnancies
- Embryo and Semen Packages
- Pick of the GDAR 2022 Born Heifers

*GDAR Pamela Ever 1790*



Lot 67  
Reg: 20078904  
Tops in WW & YW Ratio. Calving ease to Growth, & Scrotal AI to Tehama Testament - Calve 2-17

HEIFER PREGNANCY  
SALE HIGHLIGHTS . . . .  
GDAR Miss Wix 7430  
#18843073

X  
21AR Rainmaker 8343A  
#19235503


GDAR Miss Wix 8161  
#16050881  
X  
DHD Traveler 6807  
#10858958

*DJV Missie 260*



Lot 100  
Reg: 20442613  
Spring Open Heifer out of Sitz Resilient

*GDAR Blackcap Lady 1197*



Lot 30  
Reg: 20078436  
Tops in WW, YW, Claw, and Angle, Marb, and \$Values AI to Tehama Testament - Calve 2-8

*Bonnie 138 JV*



Lot 110  
Reg: 20372117  
Tops in WW, YW, Claw & Angle, Carcass and \$Values Bred to Sitz Reward 12220 - Calve 3-6

*GDAR Miss Wix 14*



Lot 4  
Reg: 20078599  
Tops in WW, YW, HP, Carcass, and \$Values AI to Tehama Testament - Calve 2-8



FEMALES  
"OFF THE TOP"

**DVAuction**  
Broadcasting Real-Time Auctions

Sale will be broadcasted on

### Gartner ~ Denowh

**ANGUS RANCH**

Chad Denowh 406.489.1762  
Mick Denowh  
Sidney, Montana  
www.gdar-angus.com

### BAR JV ANGUS

Dale Vitt 406.480.5676  
Jim Vitt  
Fairview, Montana  
www.barjvangus.com

Sale Managed by:



**Ron Frye Marketing**  
Ron Frye: 406.600.7514  
www.RonFryeMarketing.com



**RPI Promotions**  
Don Ravellette: 605.685.5147  
Beau Ravellette: 605.685.8155  
www.RPIpromotions.com