Saturday April 7th, 2018
12:00 PM EST
Wye Research and Education Center
Queenstown, MD

40th Annual Wye Angus Sale

Selling:
• 8 Cow/Calf Pairs
• 7 Bull ET Pregnancies
• 5 Heifer ET Pregnancies
• 1 Three year old Bull
• 26 Yearling Bulls
### 2016 Grassfed Steer Carcass Data

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<th>KPH %</th>
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<td>CH-</td>
<td>21 mo.</td>
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Saturday April 7th, 2018 12:00 PM EST
40th Annual Wye Angus Sale

Selling:
- 8 Cow/Calf Pairs
- 7 Bull ET Pregnancies
- 5 Heifer ET Pregnancies
- 1 Three year old Bull
- 26 Yearling Bulls

Auctioneer:
Ken Brubaker
(540) 908-5799

Sale Time:
12:00 PM EST

Sale Location:
Wye Research & Education Center,
2016 Carmichael Road
Queenstown, MD 21658

Sale Day Phone:
(410) 827-6016
Evening Phone:
(410) 310-9286–Eddie Draper
Email:
edraper@umd.edu
Website:
agresearch.umd.edu/wye/angus

Pre-Sale Hospitality:
Hors d’oeuvres at the barn Friday, April 6th, 5:00 to 7:00 PM.

Lunch:
Complimentary lunch will be served on sale day.

Herd Health:
All bulls will be fertility tested within 30 days prior to the sale and will have passed a breeding soundness examination. Cattle will be accompanied with proper health certificates for immediate shipment.

Liability
All persons attending the sale do so at there own risk. University of Maryland College of Agriculture and Natural Resources, Wye Research and Education Center, Wye Angus assumes no liability, legal or otherwise for any accidents that may occur.

Delivery:
Free delivery on all cattle within 200 mile radius from Wye. Outside 200 mile radius, maximum delivery charge of $300.00 per head to central points in the Continental United States. Wye Angus will determine delivery schedule. Alternate trucking available.

Terms and Conditions:
All cattle sell under the standard terms and conditions of the American Angus Association. Buyers are encouraged to remove their cattle immediately following the sale. Cattle not removed sale day will be automatically insured at the sale price and at the buyers expense. The cost of insurance will be added to the buyer’s invoice at the rate of $1.10/$100 for a 30 day term.

Hotels:
Sleep Inn, Grasonville, MD (410) 827-5555
Ask for the Wye Angus Sale Rate of $89.99
Best Western Kent Narrows Inn,
Grasonville, MD (410) 827-6767
Ask for the Wye Angus Program Sale Rate of $99.00
Fairfield Inn & Suites, Easton, MD (410) 822-0050
Ask for the Wye Angus Sale Rate of $139.00
Holiday Inn Express, Grasonville, MD (410) 827-4454

Insured by:
James F. Bessler  (815) 762-2641

One-Third Semen Interest
Wye Angus is retaining one-third semen interest in several bulls with no possession. Wye Angus may, at the buyer’s convenience, collect semen from the said bull for within herd or commercial use. The buyer receives two-third interest full possession of said bull and is in no way limited in activities with the bull or his semen. Either party may promote and merchandise semen from said bull. Either party may sell their interest in said bull at any time and is only required to notify the other owner that the transaction has occurred.

Wye Angus retains a semen interest in several bulls from each calf crop for use in future breedings at Wye. We offer the semen publicly through semen sales to compare the Wye genetics to the general Angus population in a wide variety of environments and management styles. It is not the intention of Wye Angus to compete with the new owner of the bull in semen sales. Wye Angus is willing to consider separate agreements regarding the promotion and merchandising of semen from said bull.

EPDs
Are current as of February 7, 2018

Teleauction
Phone: (888) 259-0463
Participant Passcode: 92553682 then #
For those wishing to bid by conference call, we will have a line set up on sale day. The procedure will be as follows:
1) To join the teleauction please call the Wye Angus office (410) 827-6016 no later than 11 AM Saturday morning to receive a bid number and sale order. If you have email or a fax number we can email or fax you the sale order.
2) 5 Minutes prior to sale time (12:00 PM EST), call the teleauction number (888) 259-0463 then enter the participant passcode: 92553682 then #.
3) Once you are connected, a Wye Angus representative will be your link to the auctioneer. You should be able to hear the auctioneer in the background.
4) To bid, indicate your buyer number to the Wye Angus representative. Your bid will then be relayed to the auctioneer. Obviously, the potential exists for portions of the auction to occur entirely on the phone.
5) We ask that everyone refrain from any other conversations during the conference call.

Internet Bids:
Real-time bidding via the internet for this sale. Live audio and live video will allow buyers to bid on animals just as if they were present at the sale. To register and follow the auction in real time on the internet, log on to Website: http://www.liveauctions.tv. For More Information, call Margo Paeltz, (937) 515-1194
Welcome

Wye Research and Education Center appreciates the continued support it receives from these honored guests:

Mrs. Arthur A. Houghton, Jr.
Dr. Craig Beyrouty
Dean of College and Director,
Maryland Agricultural Experiment Station and
University of Maryland Extension

Dr. Adel Shirmohammadi
Associate Dean and Associate Director
Maryland Agricultural Experiment Station

Dr. Ken Staver
Acting Center Director
Wye Research & Education Center

It is a pleasure to welcome you to our 40th annual sale at Wye Angus.

Included in this sale offering will be eight cow/calf pairs, 12 ET pregnancies, one three-year-old bull and 26 yearling bulls. We have selected eight cows, sired by Bear of Wye UMF 6591, Forester of Wye UMF 9604, Lajos of Wye UMF 9939, Qevin of Wye UMF 9781, Brassard of Wye UMF 9936, Quincuius of Wye UMF 9948, and Buarry of Wye UMF 10093.

The ET pregnancies include, five heifer and three bull embryos sired by Claymont of Wye UMF 10834 out of our Prince of Malpas daughter Blackbird of Wye UMF 10237. Two bull embryos sired by Banjo of Wye UMF 6413 out of a Carter of Wye UMF 8138 daughter Clova of Wye UMF 8996 and two bull embryos sired by our Luthien of Wye son, Carpus of Wye UMF 10684 out of a Pathfinder Briar of Wye UMF 9024 daughter Madge of Wye UMF 9597.

We will also be selling a three-year-old Churchill of Wye son, Leelo of Wye UMF 10689. We have used Leelo on heifers the last two years and have a significant semen inventory that will meet our needs. The 27 bulls in this offering are of moderate frame, good on their feet and legs and carry plenty of thickness. It is interesting to note that all of the bulls except two are in the top one-third for all carcass traits measured by Tallgrass Beef.

Looking forward to seeing you on Saturday, April 7, 2018.

Edward C. Draper                      Kevin W. Morgan
Program Manager                      Herd Manager

Dear Friends of the Wye Angus Program,

The legacy of the unique Wye Angus herd continues to be a tremendous point of pride for the College of Agriculture and Natural Resources and for me personally as I move into my third year as dean. I am excited and honored to invite you to the 40th Annual Wye Angus sale scheduled for Saturday, April 7, 2018 at 12 pm at the Maryland Agricultural Experiment Station (MAES) beef farm in Queenstown. I look forward to meeting some of you who have been regular attendees over the years and other first timers. This year we are pleased to offer eight cow/calf pairs, 12 ET Pregnancies, one three-year-old bull and 26 yearling bulls complete with the high quality characteristics that encompass the distinct excellence of Wye Angus.

The college is committed to working with MAES Researchers, Extension Educators, and academic units to address challenges facing the beef industry using the Wye Angus program in areas of production as well as animal health, environmental quality and sustainability. An esteemed internship program with the Wye Angus herd has afforded our students unique opportunities to work with cattle that is envied around the world and to incorporate those experiences into career pursuits. The Wye program is one of many across our college that illustrates how we are living the land-grant mission in order to advance the well-being of Maryland citizens.

The University of Maryland Wye Angus program will remain an international leader in production research and I hope that you appreciate the quality cattle the program has produced for this year’s sale. Thank you for your past support and I look forward to meeting you and enjoying the sale on April 7.

Sincerely,

Craig Beyrouty
Dean and Director

This year we are pleased to present our sale using video projection. While no animals will be run through the sale ring, the cattle will be just outside the sale barn for your viewing prior to and throughout the sale.
Wye Plantation has been farmed without interruption since the 17th Century. One of its early owners was William Paca, signer of the Declaration of Independence and first governor of Maryland. Paca, who died in 1799, is buried at Wye Plantation. His heirs sold the property to a Centreville, Maryland family whose descendants owned it until 1937 when it was purchased by Arthur A. Houghton. Houghton, then chief executive of Steuben Glass, employed James B. Lingle, an experienced cattleman, to manage Wye Plantation. While they had different business backgrounds, these two men had similar beliefs in quality. Houghton was determined to make the finest glass in the world, and Lingle was determined to create greater beef cattle than the world had ever known—cattle that would be great in size, fine in quality, and economically profitable.

Although Lingle had previously worked primarily with dairy cattle, he admired the production qualities of Angus, particularly the uniformity of the breed. Once Houghton and Lingle agreed on Angus as the breed of Wye, they began selecting stock for the new herd.

They started with 18 heifers and a bull calf, purchased in 1938. The 18 heifers are all the females that Wye Plantation has ever purchased. Twelve of the cow families they represented are still present in the Wye herd today. The bull calf, Blakeford Buxton, was a combination of Earl Marshall and Blackcap Revolution breeding.

Lingle searched for cattle with larger than usual frames. He knew that the larger, taller animals had a “rangier” chassis on which to hang more meat without any sacrifice in carcass quality. His first heifers all proved to be consistent breeders, good mothers, satisfactory milkers, and were blessed with longevity. Outstanding among the first 18 Wye heifers was Capearl #82 who dropped her last calf at the age of 18.

Naming of the Wye Herd

There are eleven families left here at Wye. These family names include Florelle, Lullaby Lottie, Pride of Aberdeen, Queen Mother, Boghead Flora, Alexina, Lottie, Ballindallach Blackbird, Clova, Golden Madge and Miss Copeland.

The Wye cattle are named by following the maternal side of the pedigree. The cows are registered using the actual family name followed by their ID number (ex. Lot 1 is Pride of Wye UMF 9457). The bull names are picked using the first letter of the family name followed by their ID number. (Ex. Alap of Wye UMF 8329 comes from the Alexina family). The (UMF) included in the name which stands for University of Maryland Foundation was added to all cattle born after the University of Maryland Foundation was gifted the herd in 1978.

Scottish Influence

At the time Wye’s herd was beginning, American breeders were raising Angus according to the standards then dictated by the show ring-small, compact, “baby-beef” type animals. Lingle wanted large-framed cattle, and he noticed the great size of Scottish-bred cattle. He particularly liked the “growthiness” of Scottish bulls.

Consequently, in 1941 and 1946 respectively, Wye added two Scottish-bred bulls to the herd. These were Juryman of Wickwire and Puck of Wickwire, both imported to the United States “in dam” from Scotland and born at Wickwire Farm in Earleville, Maryland.

In 1957, Lingle made a trip to the British Isles in search of more big-framed bulls to add to the Wye herd. His purchases included bulls from Scotland, Ireland, England, and Wales. Among these bulls was Imp. Prince of Malpas from the famous Harviestoun herd in Scotland. Prince was a bull of great proportion who sired some of the most feminine females developed at Wye Plantation during the 1960’s. He also sired some high performing sons that met with considerable demand. Other imports included Jai of Frampton from Wales, noted for his tremendous muscle expression; Valour of Ardrass; and George Swiftbrook were sons of Prince Paul of Barnolby from Ireland and both bulls were of exceptional height, length, and overall frame. A total of 25 bulls were imported from the British Isles by Wye Plantation between 1941 and 1959. Since then no outside or “new blood” has been added to the Wye Angus herd.

In 1979, Mr. Houghton gifted the University of Maryland with the Wye Angus herd. The private, nonprofit University of Maryland Foundation was created to accept and hold the gift for use by the University, and remains the legal owner of the herd today.

Within the University System of Maryland, the Maryland Agricultural Experiment Station was charged with managing the herd on a daily basis and it continues to do so today. With acceptance of the herd gift, the University agreed to make any animals deemed excess to research needs available for the general public in some equitable fashion. The agreement to the annual public auction of Wye Angus cattle held each April since 1979.

The University of Maryland Wye Angus Program Today

Dr. Jiuzhou Song continues his project examining the effects of finishing cattle on an alfalfa and orchard grass diet alters the epigenetic status of genes affecting beef quality and the fatty acid profile. We have finished our sixth group of grassfed-vs-grainfed steers and Dr. Song has generated four scientific papers from this project.

Dr. Zhengguo Xiao has initiated a project involving Ostertagia Ostertagi, the most economically important gastrointestinal nematode parasite in the cattle industry. He will be comparing parasite levels in both our grain fed steers and grass fed steers.

We will have embryo transfer calves sired by Columbus of Wye, Banjo of Wye UMF 6413, Claymont of Wye UMF 10834 and Logan of Wye UMF 6692. Our A. I. sires include Laverton of Wye, Baradine of Wye UMF 10508, Logan of Wye UMF 6692, Boyd of Wye UMF 8059 and Leelo of Wye UMF 10689.

We still pursue as our goal the production of key maternal traits including mothering ability, longevity, udder and teat structure while preserving calving ease.

Annual Sale

It’s a Wye Angus tradition to hold its annual sale the first Saturday in April each year.
Lottie of Wye UMF 10358, the cow featured on the cover of the sale catalog, is a good producing daughter of Forester of Wye UMF 9604. We sold her son, sired by Balgain of Wye UMF 10405 in our 2017 sale and retain a daughter sired by Cedric of Wye UMF 8998. Her 2018 calf will be sired by Larkspur of Wye UMF 10530.

Cow of Calf Pairs

Lottie of Wye UMF 10358
- Calved: 01/21/13
- Tattoo: 10358
- Reg: 17540481

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<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
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Clova of Wye UMF 10365
- Calved: 01/28/13
- Tattoo: 10365
- Reg: 17540484

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Clova of Wye UMF 10404
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- Tattoo: 10404
- Reg: 17540497

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<td>+37.53</td>
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We have retained two daughters sired by Brick of Wye UMF 10367 and Logan of Wye UMF 6692 out of Clova of Wye UMF 10404. Clova of Wye UMF 10404 is the first daughter of Lajos of Wye UMF 9939 to sell and her 2018 calf is sired by Balgain of Wye UMF 10405.
Blackbird of Wye UMF 10448 is a good young daughter of Qevin of Wye UMF 9781. We sold a son, sired by Larkspur of Wye UMF 10530, for $5400 in our 2017 sale. Her 2018 calf will be sired by our Churchill of Wye son, Leelo of Wye UMF 10689.

Queen Mother of Wye UMF 10459 is a daughter out of our Pathfinder Briar of Wye UMF 9024 daughter 9547. We have retained two daughters sired by Brick of Wye UMF 10367 and Buarry of Wye UMF 10093. Her 2018 calf is sired by Balgain of Wye UMF 10405.

Our second Forester of Wye UMF 9604 daughter to sell. Blackbird of Wye UMF 10472 has a weaning ratio of 108, which qualifies her as a Pathfinder, and a yearling ratio of 107 on her progeny. We sold her son sired by Balgain of Wye UMF 10405, in our 2017 sale and retained two daughters. Her 2018 calf is sired by Larkspur of Wye UMF 10530.
Cow/Calf Pairs

**Clova of Wye UMF 10473**

Calved: 03/08/13  ◆  Tattoo: 10473  ◆  Reg: 17540525

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<td>Elimos of Ballindalloch</td>
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<td>Queen Mother of Wye UMF 6599#</td>
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| Queen Mother of Wye UMF 10478 is a Buarry of Wye UMF 10093 Pathfinder daughter with a weaning ratio of 108 and a yearling ratio of 103 on her progeny. On the bottom side of her pedigree she traces back to an outstanding Bonanza of Wye daughter, 9141. We sold a son sired by Brick of Wye UMF 10367 and retain a daughter by Balgain of Wye UMF 10405. Her 2018 calf is sired by Leelo of Wye UMF 10689.

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<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
<th>Yearling Ratio</th>
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<td>-1</td>
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**Queen Mother of Wye UMF 10478**

Calved: 03/12/13  ◆  Tattoo: 10478  ◆  Reg: #17540527

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<td>Prince Paul of Barnoldby</td>
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<td>Gippy of Kilmullen</td>
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| Queen Mother of Wye UMF 10478 is a Buarry of Wye UMF 10093 Pathfinder daughter with a weaning ratio of 108 and a yearling ratio of 103 on her progeny. On the bottom side of her pedigree she traces back to an outstanding Bonanza of Wye daughter, 9141. We sold a son of Queen Mother of Wye UMF 10478 in our 2016 sale, and her son Quondas of Wye UMF 11012 sells as Lot 30. Her 2018 calf is sired by our Churchill of Wye son, Leodore of Wye UMF 10536.

<table>
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<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
<th>Yearling Ratio</th>
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<td>-7</td>
<td>+9</td>
<td>+16</td>
<td>+7</td>
<td>+36.03</td>
<td>102/3</td>
<td>103/2</td>
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ET Pregnancies

**Bull Pregnancy Due Sept 2018**

**Recip:** 10070 Faxton X 7632 (MGS Bear)

**Bull Pregnancy Due Sept 2018**

**Recip:** 10874 Leonid X 10177 (MGS Bangle)

- Lonestar of Wye
- Banjo of Wye UMF 6413
- Clova of Wye UMF 8996
- Carter of Wye UMF 8138
- Clova of Wye UMF 8176

- Corbin of Wye
- Luria of Wye#
- Leonid of Wye#
- Blackbird of Wye UMF 5362#
- Babine of Wye
- Framework of Wye
- Clova of Wye UMF 7931
- Clova of Wye UMF 6767#

Banjo of Wye UMF 6413 is out of perhaps the best Leonid of Wye daughter ever produced Blackbird of Wye UMF 5362. Clova of Wye UMF 8996 was a good producing Carter of Wye UMF 8138 daughter that traces back to another excellent Leonid daughter, 6767.

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**Bull Pregnancy Due Sept 2018**

**Recip:** 10438 Brassard X 9499 (MGS Barron)

**Bull Pregnancy Due Sept 2018**

**Recip:** 10664 Luthien X 9753 (MGS Bartor)

- Luthien of Wye#
- Carpus of Wye UMF 10684+
- Madge of Wye UMF 9597#

- Formson of Wye
- Loania of Wye
- Bartor of Wye UMF 5609
- Copeland of Wye UMF 9753
- Copeland of Wye UMF 9544
- Briar of Wye UMF 9024
- Blackbird of Wye UMF 7270#
- Bolger of Wye UMF 8516
- Madge of Wye UMF 9208
- Madge of Wye UMF 8125

Madge of Wye UMF 9597 is a Pathfinder daughter of Briar of Wye UMF 9024. 9597 has a weaning ratio 108 and a yearling ratio of 101 on her progeny. Carpus of Wye UMF 10684 is a Luthien of Wye son who has five sons selling as Lot 34, 37, 38, 46 and 48.
ET Pregnancies

**Bull Pregnancy Due Sept 2018**
- Recip: 10445 Quincuius X 9757 (MGS Alap)

**Bull Pregnancy Due Sept 2018**
- Recip: 10732 Lander X 10004 (MGS Cedric)

**Bull Pregnancy Due Sept 2018**
- Recip: 10861 Leonid X 10062 (MGS Lorre)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10419 Brassard X 9662 (MGS Briar)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10446 Brassard X 9193 (MGS Fice)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10657 Barram X 10446 (MGS Brassard)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10711 Lodi X 10130 (MGS Alap)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10904 Larkspur X 10478 (MGS Buarry)

**Bull Pregnancy Due Sept 2018**
- Recip: 10445 Quincuius X 9757 (MGS Alap)
- MGS Alap was the top selling bull in our 2017 sale.

**Heifer Pregnancy Due Sept 2018**
- Recip: 10419 Brassard X 9662 (MGS Briar)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10446 Brassard X 9193 (MGS Fice)

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- Recip: 10711 Lodi X 10130 (MGS Alap)

**Heifer Pregnancy Due Sept 2018**
- Recip: 10904 Larkspur X 10478 (MGS Buarry)

Claymont of Wye UMF 10834
Claymont of Wye UMF 10834 is an outstanding Leonid of Wye son out of an Alap of Wye UMF 8329 daughter, who was the top selling bull in our 2017 sale. Blackbird of Wye UMF 10237 is a moderate framed Prince of Malpas daughter with tremendous thickness and a good udder.

Blackbird of Wye UMF 10237
Tremendous amount of Fabron blood is contained in this pedigree thru the use of Leonid of Wye, Alap of Wye UMF 8329 and Columbus of Wye. These females should make excellent cows for the future.

Three Year Old Bull

Leelo of Wye UMF 10689
Calved: 2/2/2015  Tattoo: 10689  Reg: +18255260

<table>
<thead>
<tr>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Dam’s Wean Ratio</th>
<th>Birth Weight</th>
<th>Weaning Data</th>
<th>Adjusted 365 Day</th>
<th>ADG</th>
<th>Carcass Data</th>
<th>Current Weight</th>
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Leelo of Wye UMF 10689 is a Churchill of Wye son out of Lottie of Wye UMF 9634. 9634 had a weaning ratio of 114 and a yearling ratio of 113 on three natural calves. 9634 has produced three sons, Lajos of Wye UMF 9939 (sired by Forceful of Wye), Lodi of Wye UMF 10318 (sired by Bangle of Wye UMF 9480) and Leverett of Wye UMF 10462 (sired by Qevin of Wye UMF 9781). Leelo has a son selling as Lot 38. Wye will retain 1/3 semen interest.
<table>
<thead>
<tr>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Dam’s Wean Ratio</th>
<th>Birth Weight</th>
<th>Weaning Data</th>
<th>Adjusted 365 Day</th>
<th>ADG</th>
<th>SCAN DATA</th>
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</tbody>
</table>

**Aldis of Wye UMF 10974**

- **Calved:** 01/23/17
- **Tattoo:** 10974
- **Reg:** 19011307

Batley of Wye UMF 10974 has an impressive weaning ration of 122 and a yearling ratio of 106. An Alap of Wye UMF 8329 son, Aldis is a light birth weight bull out of a first calf heifer.

**Cabell of Wye UMF 10976**

- **Calved:** 01/24/17
- **Tattoo:** 10976
- **Reg:** 19011308

Another light birth weight son of Alap of Wye UMF 8329, Cabell of Wye UMF 10976 dam would be a full sister to one of our herd bulls, Carpus of Wye UMF 10684.

**Batley of Wye UMF 10978**

- **Calved:** 01/25/17
- **Tattoo:** 10978
- **Reg:** 19011309

Batley of Wye UMF 10978 comes from a strong maternal line of cows that includes a Cedric of Wye UMF 8998 daughter, 10004 and 8503, a high producing Aver of Wye UMF 8202 daughter.
### Yearling Bulls

#### Quinters of Wye UMF 10984
- **Calved:** 01/27/17  
- **Tattoo:** 10984  
- **Reg:** 19011310

**Vindicador of Milford**
- Gedmon of Kinermony
  - AACAS 132212 B
- Milford Vine 259
  - AACAS 148142 C

**Boyd of Wye Umf 8059**
- Blackbird of Wye UMF 6816#
  - Fargo of Wye UMF 5813#
  - Bayette of Wye#

**Black of Wye UMF 10367**
- Baldric of Wye UMF 10099+
- Blackbird of Wye UMF 9331

**Queen Mother of Wye UMF 10714**
- Forster of Wye UMF 9604+
- Queen Mother of Wye UMF 7721+

<table>
<thead>
<tr>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
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<td>74</td>
<td>488</td>
<td>104</td>
<td>74</td>
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Our only Boyd of Wye UMF 8059 son to sell, Quinters of Wye UMF 10984 has a weaning ratio of 104 and a yearling ratio of 103. Quinters is out of a good young Brick of Wye UMF 10367 daughter 10714.

#### Conrow of Wye UMF 10999
- **Calved:** 01/30/17  
- **Tattoo:** 10999  
- **Reg:** 19011312

**Boyd of Wye Umf 8059**
- Vindicador of Milford
  - 2864524
- Blackbird of Wye UMF 6816#
  - 13075280

**Queen Mother of Wye Umf 10696+**
- Lambdin of Wye UMF 6278
  - 11060743
- Blackbird of Wye UMF 6324#
  - 11384275

**Clova of Wye UMF 9645**
- Clova of Wye UMF 9318
  - 15338713

**Bear of Wye Umf 6591**
- Forgster of Wye UMF 9604+
  - 16427222

**Queen Mother of Wye UMF 10714**
- Blackbird of Wye UMF 7721+
  - 12797887

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<thead>
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<th>Birth Weight</th>
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<th>Maternal Milk</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
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The second son of Cael of Wye UMF 9933 to sell, Conrow of Wye UMF 10999 maternal grand-dam, Clova of Wye UMF 8996, has embryos selling as Lot 9 and 10.

#### Breton of Wye UMF 11001
- **Calved:** 01/30/17  
- **Tattoo:** 11001  
- **Reg:** 19011313

**Leonid of Wye #**
- Conran of Wye#
  - 4020208
- Phillina of Wye
  - 9207715

**Leah of Wye**
- Columbus of Wye
  - 4613274
- Luria of Wye#
  - 3512891

**Blackbird of Wye UMF 10561+**
- Manning of Wye
  - 6428926
- Alexina of Wye UMF 6968#
  - 1361146

**Blackbird of Wye UMF 7965**
- Addion of Wye UMF 5853
  - 17876551
- Blackbird of Wye UMF 7270#
  - 12107852

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<tr>
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<th>Yearling Weight</th>
<th>Cow Energy</th>
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<th>Weaning Data</th>
<th>Adjusted 365 Day</th>
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<td>76</td>
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<td>117</td>
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The only Leonid of Wye (4926) son to sell, Breton of Wye UMF 11001 is out of a full sister to 9025, who was an outstanding Alap of Wye UMF 8329 daughter. Breton has an impressive weaning ratio of 117 and a yearling ratio of 107. Wye will retain 1/3 semen interest.
**Yearling Bulls**

### Chit of Wye UMF 11003

**Calved:** 01/30/17  
**Tattoo:** 11003  
**Reg:** +19011314

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<td>419</td>
<td>100</td>
<td>907</td>
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Chit of Wye UMF 11003 is an embryo calf out of the donor to Lots 9 and 10. Sired by Baradine of Wye UMF 10508, Chit is a moderate framed bull with excellent thickness.

### Chiro of Wye UMF 11005

| Calved:** 02/01/17  
**Tattoo:** 11005  
**Reg:** +19014912

<table>
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<th>Birth</th>
<th>Weaning</th>
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<th>Cow Energy</th>
<th>Dam's Wean Ratio</th>
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<th>Weaning Data</th>
<th>Adjusted 365 Day</th>
<th>ADG</th>
<th>SCAN DATA</th>
</tr>
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<td>102/8</td>
<td>76</td>
<td>483</td>
<td>100</td>
<td>923</td>
<td>3.0</td>
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The first Columbus of Wye son to sell in many years, Chiro of Wye UMF 11005 is also out of the donor dam to the embryo's selling as Lots 9 and 10. Chiro also traces back on the bottom side of his pedigree to Leonid daughter, 6767. We will keep a full brother to Chiro. Wye will retain 1/3 semen interest.

### Quondas of Wye UMF 11012

**Calved:** 02/02/17  
**Tattoo:** 11012  
**Reg:** +19011315

<table>
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<tr>
<th>Birth</th>
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<td>+23</td>
<td>+23.84</td>
<td>108/3</td>
<td>78</td>
<td>543</td>
<td>115</td>
<td>1055</td>
<td>3.5</td>
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A high performing Logan of Wye UMF 6692 son, Quondas of Wye UMF 11012 has a weaning ratio of 115 and a yearling ratio of 111. Quondas is out of a good young Pathfinder Buarry of Wye UMF10093 daughter selling as Lot 8. Wye will retain 1/3 semen interest.
Carron of Wye UMF 11021
Calved: 02/03/17  ◆  Tattoo: 11021  ◆  Reg: 19011316

Landover of Wye UMF 5234  10319331  10748957
Farrah of Wye#  8998163  11413693
Leonid of Wye#  9699946  10319360
Laika of Wye#  9093299

Ellimast of Ballindalloch  2286652  16833461
Queen Mother of Wye UMF 7829#  12752765

Balgain of Wye UMF 1093  17540525

Carron of Wye UMF 11021 is the second son of Logan of Wye UMF 6692 to sell. The bottom side of his pedigree trace’s back to the Leonid of Wye (4926) daughter, 6767. His dam, Clova of Wye UMF 10473, sells as Lot 7.

Breck of Wye UMF 11029
Calved: 02/06/17  ◆  Tattoo: 11029  ◆  Reg: 19011317

Lambdin of Wye UMF 6278  11060743  11384275
Blackbird of Wye UMF 6324#  11060784  17606174
Forester of Wye UMF 9604+  16431555  17051348
Blackbird of Wye UMF 9182  15037948

Prince of Malpas
Jumor Eric of Southburn AACAS  145312 B  2776941
Pride of Malvita AACAS  158136 C  17051378

Balgain of Wye UMF 10121#+  12107852

Breck of Wye UMF 11029 is a Balgain of Wye UMF 10405 son out of our Pathfinder Prince of Malpas daughter, 10121. Breck would be a maternal brother to Borrage of Wye UMF 10869, the second top selling bull in our 2017 sale. Wye will retain 1/3 semen interest.

Allegan of Wye UMF 11030
Calved: 02/06/17  ◆  Tattoo: 11030  ◆  Reg: 19011318

Fornson of Wye  4792473  7903255
Loania of Wye  6418011  18303503
Bartor of Wye UMF 5609  10635399  16405942
Copeland of Wye UMF 9544  15896532

Fornson of Wye  4792473  15600069  14662649
Queen Mother of Wye UMF 8977  16110800
Butler of Wye  9701171  15338714

Allegan of Wye UMF 11030 has an impressive ADG 3.5 pounds to go along with a weaning ratio of 117 and a yearling ratio 112. One of the few calves that you will see Fornson of Wye on both the top and bottom side of a pedigree. Allegan has excellent length and thickness. Wye will retain 1/3 semen interest.
Blandon of Wye UMF 11033

Calved: 02/07/17  Tattoo: 11033  Reg: 19011320

Bangle of Wye UMF 9480  Franchester of Wye#
Lodi of Wye UMF 10318  Blackbird of Wye UMF 8988+  Barnbas of Wye UMF 9281
Lottie of Wye UMF 9634  Lottie of Wye UMF 9329
Lodge of Wye [RTF]  Career of Wye
Blackbird of Wye UMF 10254+  Lorena of Wye
Blackbird of Wye UMF 8473  Campton of Wye UMF 8207

The top gaining bull on test this year with an ADG of 3.9 pounds, Blandon of Wye UMF 11033 is a Lodi of Wye UMF 10318 son out of our Lodge of Wye daughter, 10254. Wye will retain 1/3 semen interest.

Adroit of Wye UMF 11036

Calved: 02/08/17  Tattoo: 11036  Reg: 19011321

Churchill of Wye  Lodge of Wye [RTF]
Leadore of Wye UMF 10536*  Colleen of Wye
Lottie of Wye UMF 9956#  Clarkson of Wye UMF 9166+
Quon of Wye UMF 10033  Lottie of Wye UMF 9078#
Alexina of Wye UMF 10592  Cedric of Wye UMF 8998
Alexina of Wye UMF 9193  Queen Mother of Wye UMF 9141

Adroit of Wye UMF 11036 is a phenotypically correct son of Leodore of Wye UMF 10536. His dam is a good young Quon of Wye UMF 10033 daughter. Adroit should sire excellent replacement females.

Carber of Wye UMF 11040

Calved: 02/09/17  Tattoo: 11040  Reg: 19011322

Luthien of Wye#  Formson of Wye
Carpus of Wye UMF 10684**  Loania of Wye
Bartor of Wye UMF 5609  Copeland of Wye UMF 9753
Brassard of Wye UMF 9936  Copeland of Wye UMF 9544
Clova of Wye UMF 10641  Forceful of Wye
Clova of Wye UMF 9532  Blackbird of Wye UMF 9660

Carber of Wye UMF 11040 is another Carpus of Wye UMF 10684 son out of a framey Brassard of Wye UMF 9936 daughter, 10641. Carber traces back to a high performing Codova of Wye UMF 8332 daughter, 8759 on the bottom side of his pedigree.
**Blaney of Wye UMF 11048**

Calved: 02/10/17  ♦  Tattoo: 11048  ♦  Reg: 19011323

**Luthien of Wye**
- Forson of Wye
- Loania of Wye
- Bart of Wye Umf 5609
- Copeland of Wye UMF 9753
- Prince of Malpas
- Favour of Wye

**Cuprus of Wye UMF 10684**
- Copeland of Wye UMF 10684
- Copeland of Wye UMF 9544
- Copeland of Wye UMF 10684
- Blackbird of Wye UMF 10511
- Blackbird of Wye UMF 10136

**Blackbird of Wye UMF 10511**
- Blackbird of Wye UMF 10684
- Blackbird of Wye UMF 10136
- Blackbird of Wye UMF 10511
- Blackbird of Wye UMF 10136
- Blackbird of Wye UMF 10511

Blaney of Wye UMF 11048 is a Cuprus of Wye UMF 10684 son out of our only Cyrus of Wye daughter, 10511. The maternal grand-dam of Blaney is an outstanding Favour of Wye daughter, 9626.

**Coland of Wye UMF 11072**

Calved: 02/21/17  ♦  Tattoo: 11072  ♦  Reg: 19011326

**Churchill of Wye**
- Lodge of Wye [RTF]
- Colleen of Wye
- Barnabas of Wye UMF 9281
- Lottie of Wye UMF 9329
- Alap of Wye UMF 8329
- Cloval of Wye UMF 10156

**Leelo of Wye UMF 10689**
- Leelo of Wye UMF 10684
- Leelo of Wye UMF 10684
- Leelo of Wye UMF 10684
- Leelo of Wye UMF 10684
- Leelo of Wye UMF 10684

Leelo of Wye UMF 11072 boasts a weaning ratio of 122 and a yearling ratio of 108 and his dam is a good young Aledo of Wye UMF 10264 daughter. Coland’s sire, Leelo of Wye UMF 10689, sells as Lot 21.

**Blayer of Wye UMF 11074**

Calved: 02/22/17  ♦  Tattoo: 11074  ♦  Reg: 19011327

**Bear of Wye UMF 6591**
- Lambdin of Wye 6278
- Blackbird of Wye Umf 6324
- Blackbird of Wye UMF 9025
- Blackbird of Wye UMF 9331

**Balgain of Wye UMF 10405**
- Balgain of Wye Umf 10405
- Balgain of Wye Umf 10405
- Balgain of Wye Umf 10405
- Blackbird of Wye UMF 10405
- Blackbird of Wye Umf 10405

Blayer of Wye UMF 11074 is a thick son of Balgain of Wye UMF 10405. His dam, 9331, is the best daughter of 9025 that we have produced. Blayer has a weaning ratio of 107 and a yearling ratio 110 to go along with an ADG of 3.7 pounds.
Yearling Bulls

Asbury of Wye UMF 11086

Calved: 02/24/17  Tattoo: 11086  Reg: 19011328

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<th>Maternal Milk</th>
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<th>Cow Energy</th>
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Cyrus of Wye
Prince of Malpas
2776941 4020204
Caltha of Wye
3323283

Larkspur of Wye UMF 10530
Alap of Wye UMF 8329
13641146
Lottie of Wye UMF 8303*
13560269

Bartor of Wye UMF 5609
Leonid of Wye#
9899946
Bayette of Wye#
9255712

Alexina of Wye UMF 9758
Bonanza of Wye# 4792475
Crew of Wye UMF 10275
16405945

Clarick of Wye UMF 11091 has about as many good cows in his pedigree as any bull selling, including 9607, 7547, 6767, 6968 and 6324. A maternal brother to the top selling bull in our 2017 sale, Claymont of Wye UMF 10834, Calmar has a solid weaning ratio of 113 and a yearling ratio of 112 to go along with an ADG of 3.6 pounds. Wye will retain 1/3 semen interest.

Calmar of Wye UMF 11089

Calved: 02/24/17  Tattoo: 11089  Reg: 19011329

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Bear of Wye UMF 6591
Lambdin of Wye UMF 6278
11060743
Blackbird of Wye UMF 6324#
11060794

Blackbird of Wye UMF 10132
Forester of Wye UMF 9604#
17606174

Alap of Wye UMF 8329
Manning of Wye
6429826

Alexina of Wye UMF 9607#
Alexina of Wye UMF 6986#
11712753

Calmar of Wye UMF 11086 is a Larkspur of Wye UMF 10530 son out of a good old reliable Bartor of Wye UMF 5609 daughter. The Larkspur calves exhibit excellent length.

Clarick of Wye UMF 11091

Calved: 02/26/17  Tattoo: 11091  Reg: 19011330

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Banquo of Wye
Cyrus of Wye
4020204
Bertina of Wye
8079286

Crew of Wye UMF 10275
Balgain of Wye UMF 10405
17606174

Briar of Wye UMF 9024
14794521

A high performing son of Crew of Wye UMF 10275, Clarick of Wye UMF 11091 has a weaning ratio of 117 and a yearling ratio of 117 to go along with an ADG of 3.8. You will be impressed with the thickness of Clarick.
**Yearling Bulls**

### Lobal of Wye UMF 11100

- **Calved:** 03/01/17  
- **Tattoo:** 11100  
- **Reg:** 19011331

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Lobal of Wye UMF 11100 was one of our highest performing bulls. A Balgain of Wye UMF 10405 son out of a Pathfinder Alap of Wye UMF 8329 daughter (9078) who has weaned 12 calves with a ratio of 106. Lobal ended up with a weaning ratio of 126 and a yearling ratio 121 to go along with an ADG of 3.8 pounds and an adjusted yearling weight of 1,147 pounds. Wye will retain 1/3 semen interest.

### Brene of Wye UMF 11102

- **Calved:** 03/02/17  
- **Tattoo:** 11102  
- **Reg:** 19011332

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Brene of Wye UMF 11102 is a Larkspur of Wye UMF 10530 son out of a Pathfinder Banquo of Wye daughter, 10382. Brene's maternal grandmother, 9787 is a most impressive Pathfinder, as well as her dam 8503.

### Larinus of Wye UMF 11107

- **Calved:** 03/04/17  
- **Tattoo:** 11107  
- **Reg:** 19011333

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Larinus of Wye UMF 11107 has a solid weaning ratio of 100 and a yearling ratio of 105. Larinus is a Campus of Wye UMF 10684 son out of a framey Brassard of Wye UMF 9936 daughter, 10638. Larinus would be a three-quarter brother to Lot 36.
Yearling Bulls

Portez of Wye UMF 11111

Calved: 03/07/17  ❧ Tattoo: 11111  ❧ Reg: 19011334

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Portez of Wye UMF 11111 led this year’s bull test with a weaning ratio of 133 and a yearling ratio of 120. A Balgain of Wye UMF 10405 son out of a Pathfinder Palladium of Wye daughter (10125), Portez should be a good blend of maternal and growth. Wye will retain 1/3 semen interest.

Quimby of Wye UMF 11125

Calved: 03/21/17  ❧ Tattoo: 11125  ❧ Reg: 19011335

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The youngest bull in the sale, Quimby of Wye UMF 11125 is out of a Forceful of Wye daughter, 10372, with a picture perfect udder. This is a strong maternal line on the bottom side of the pedigree which includes a Fahren of Wye daughter (8376) and a Bartor of Wye daughter (7829).
Special Thanks to all the Wye Research and Education Center employees who help on sale day.

Edward (Eddie) C. Draper  Program Manager
Kevin W. Morgan  Herd Manager
Lisa M. Yoash  Administrative Assistant
John (J.W.) Dulin  Agricultural Technician
David Reiff  Agricultural Technician
Ted Conover Jr.  Agricultural Technician
Ben N. Dreschel  Student Intern

Photos By: Beth Horstman, Daniel Poet, Talon Myers, and Edward Draper
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<td>Elimast of Ballindalloch</td>
<td>Bartor of Wye UMF 5609</td>
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<td>Cedric of Wye UMF 8998</td>
<td>Bonanza of Wye</td>
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BIA Ultrasound

Wye Angus Ultrasound Bulls

Lot # | Tag | Sex | Weight | REA | REA/CWT | RES | IMF | Ribfat | Tender | Stress
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
21 | 10689 | Bull | 1015 | 12.46 | 1.23 | 0.45 | 3.75 | 0.41 | 26 | 10
22 | 10974 | Bull | 952 | 13.32 | 1.40 | 0.46 | 4.46 | 0.36 | 24 | 10
23 | 10976 | Bull | 950 | 12.21 | 1.29 | 0.40 | 4.50 | 0.44 | 25 | 10
24 | 10978 | Bull | 910 | 11.31 | 1.24 | 0.46 | 4.16 | 0.35 | 24 | 10
25 | 10984 | Bull | 900 | 12.30 | 1.37 | 0.45 | 4.68 | 0.36 | 24 | 10
26 | 10999 | Bull | 872 | 13.91 | 1.60 | 0.48 | 4.10 | 0.33 | 24 | 10
27 | 11001 | Bull | 982 | 13.69 | 1.39 | 0.53 | 4.44 | 0.32 | 25 | 10
28 | 11003 | Bull | 900 | 11.08 | 1.23 | 0.48 | 4.87 | 0.34 | 24 | 10
29 | 11005 | Bull | 920 | 13.03 | 1.42 | 0.55 | 4.46 | 0.43 | 24 | 10
30 | 11012 | Bull | 1035 | 14.48 | 1.40 | 0.54 | 3.75 | 0.43 | 26 | 10
31 | 11021 | Bull | 950 | 12.44 | 1.31 | 0.45 | 4.08 | 0.35 | 24 | 10
32 | 11029 | Bull | 940 | 12.99 | 1.38 | 0.52 | 4.44 | 0.44 | 24 | 10
33 | 11030 | Bull | 1050 | 12.90 | 1.23 | 0.44 | 3.85 | 0.40 | 25 | 10
34 | 11033 | Bull | 1040 | 13.60 | 1.31 | 0.48 | 3.86 | 0.45 | 24 | 10
35 | 11036 | Bull | 880 | 12.28 | 1.39 | 0.57 | 4.67 | 0.35 | 25 | 10
36 | 11040 | Bull | 890 | 11.94 | 1.34 | 0.42 | 4.09 | 0.38 | 23 | 10
37 | 11048 | Bull | 870 | 12.29 | 1.41 | 0.45 | 4.83 | 0.26 | 25 | 10
38 | 11072 | Bull | 920 | 13.17 | 1.43 | 0.53 | 4.10 | 0.49 | 24 | 10
39 | 11074 | Bull | 980 | 13.65 | 1.39 | 0.54 | 4.46 | 0.33 | 24 | 10
40 | 11086 | Bull | 980 | 13.83 | 1.41 | 0.46 | 3.52 | 0.29 | 25 | 10
41 | 11089 | Bull | 1020 | 14.30 | 1.40 | 0.49 | 4.88 | 0.42 | 25 | 10
42 | 11091 | Bull | 1020 | 13.88 | 1.36 | 0.56 | 4.52 | 0.47 | 24 | 10
43 | 11100 | Bull | 1065 | 13.61 | 1.28 | 0.55 | 4.07 | 0.34 | 24 | 10
44 | 11102 | Bull | 960 | 15.21 | 1.58 | 0.53 | 3.60 | 0.32 | 25 | 10
45 | 11107 | Bull | 910 | 12.25 | 1.35 | 0.46 | 3.71 | 0.37 | 24 | 10
46 | 11111 | Bull | 1060 | 13.90 | 1.31 | 0.57 | 4.52 | 0.35 | 25 | 10
47 | 11125 | Bull | 890 | 10.93 | 1.23 | 0.52 | 4.42 | 0.43 | 24 | 10

Beef Image Analysis (BIA) Ultrasound

BIA live animal carcass ultrasound is an automated, chute-side software system that captures images and calculates trait measurements on an objective basis. The traits determined by BIA ultrasound software are:

- Ribeye Area (REA), Backfat Thickness (BF), Ribeye Area/Hundred lbs Live Weight, (REA/CWT), Percent Intramuscular Fat (%IMF), Ribeye Shape Score (RES), Stress Score (SS) and Tenderness Score (TEND)

Tallgrass Beef Company Optimum Ranges – Harvest Age Animal

- REA = 10-15
- BF = 0.2 – 0.4 inches (at yearling ultrasound)
- BF = 0.4 – 0.65 inches (at harvest)
- REA/CWT = 1.0 – 1.5 (at yearling ultrasound)
- REA/CWT = 1.5 – 2.0 (at harvest – dressed weight basis)
- %IMF ≥ 3.5% + (USDA High Select or better)
- RES ≥ 0.50 + SS = ≤ 2.0 TEND = < + 2.5
- QP = High Select – High Choice YG = < + 3.9
- HCWT = 650 – 850 lbs.

Individual traits are color coded to indicate their ranking within contemporary group and in accordance with Tallgrass Beef Company Protocols.

- Blue color coded traits rank in the top tier for the respective trait.
- Tan color coded traits rank in the second tier for the respective trait.
- Traits without a color code rank in the third tier and meet the minimum qualifications of the Tallgrass protocols, but could use improvement.
- Traits coded in Red Font indicate performance below Tallgrass Beef Company protocol standards.

REA is not ranked since RES and REA/CWT are much better indicators of carcass retail yield and cutability.

Relation of %IMF to USDA Quality Grade

<table>
<thead>
<tr>
<th>% IMF</th>
<th>USDA QG</th>
<th>Marbling</th>
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<tbody>
<tr>
<td>.28-2.57</td>
<td>Standard</td>
<td>Prac. Devoid</td>
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<tr>
<td>2.58-3.89</td>
<td>Select</td>
<td>Slight</td>
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<tr>
<td>3.90-5.33</td>
<td>Choice-</td>
<td>Small</td>
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<tr>
<td>5.34-8.55</td>
<td>Choice +</td>
<td>Modest/Mod.</td>
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<tr>
<td>8.55+</td>
<td>Prime</td>
<td>Abundant</td>
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</table>

Code Explanation:

- RES = Ribeye Shape Score. Indicative of desired shape of the ribeye muscle. Correlated to eventual Yield Grade, Cutableity, and % Retail Product. Score ranges from 0.0 to 1.0 Acceptable score is 0.5 or greater. Ideal score is 0.65 or greater.

- SS = Stress Score. Correlated to immune system strength of calf. Score ranges from 10-50. 10 = No Stress, 20 = Slight Stress, 30 = Slightly Moderate Stress, 40 = Moderate Stress, 50 = Severe Stress. Impacts DTF, ADG, WDA, TCOG, Health Costs, QG and YG. Ideal score is 2 or less.

- Tend = Tenderness Score. Correlated to actual Warner-Bratzler Shear Force (WB) in carcass ribeye steak at 12th rib location. Correlation Coefficients between WB and TEND currently average 0.85 = 0.87. Score ranges from 10-50. 10 = Very Tender, 20 = Tender, 30 = Slightly Tender, 40 = Slightly Tough, 50 = Tough. Ideal score is 25 or less. Acceptable score in yearling bulls is 28 or less.
By Car—From Washington D.C. or Baltimore, MD take Route 50 east to the Chesapeake Bay Bridge (near Annapolis, MD) and continue 12 miles on Route 50 beyond bridge to Carmichael Road. Turn right on Carmichael and continue four miles to Wye Plantation.

By Air—Commercial flights to Baltimore-Washington International Airport (45 miles from Wye) or Washington National Airport (60 miles). Privately chartered air service can also be accommodated at Easton Municipal Airport (19 miles).

GPS Address:
2016 Carmichael Road
Queenstown, MD 21658

Mileage to Major Cities
Baltimore—50
Wilmington—70
New York City—180
Washington D.C.—59
Philadelphia—106
Richmond—180

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