37th Annual Wye Angus Sale

Saturday April 4th, 2015 12:00 PM

Wye Research & Education Center Queenstown, MD

Selling:

- 5 Cow/Calf pairs
- 30 Yearling Bulls
- 8 ET Pregnancies

WYE Angus • Eddie Draper • 410-827-6016 • 410-310-9286 evenings
410-827-7821 fax • edraper@umd.edu • agresearch.umd.edu/wye/angus
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
David Reiff
Ted Conover, Jr.
Sarah Howard  Student Intern

Photos By Daniel Poet
37th Annual WYE Angus Sale

Saturday April 4th, 2015 12:00 PM

Selling:
- 5 Cow/Calf pairs
- 30 Yearling Bulls
- 8 ET Pregnancies

Auctioneer:
Ken Brubaker  
(540) 908-5799

Sale Time:
12:00 PM

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

Sale Day Phone:
(410) 827-6016

Office Phone:
(410) 827-6016

Evening Phone:
(410) 310-9286

Eddie Draper 
edraper@umd.edu

Website:
agresearch.umd.edu/wye/angus

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 buyer's 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.

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

Mrs. Arthur A. Houghton, Jr.
Dr. Cheng-i Wei  
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. Stephen Wright  
Associate Dean and Associate Director of UME

Dr. Russell B. Brinsfield  
Center Director  
Wye Research & Education Center

General Information

Pre-Sale Hospitality:
Hors d’oeuvres at the barn Friday, April 3, 5:00 to 8:00 pm. Come as you are.

Lunch:
Complimentary lunch will be served on sale day.

Herd Health:
The Wye herd is accredited free of tuberculosis and certified brucellosis free. Very rigid health standards have been maintained since its founding. All bulls have been semen tested. Cows are open and ready to breed this spring and fall.

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

Hotels:
Sleep Inn
Grasonville, MD  
(410) 827-5555
Ask for the Wye Angus Program Sale Rate
Single $69.99  Double $79.99

Best Western Kent Narrows Inn
Grasonville, MD  
(410) 827-6767
Ask for the Wye Angus Program Sale Rate of $79.00

Aspen Wye River Conference Center
$109.00. Visit this link to make your reservation:  
https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventId=13635838

Holiday Inn Express
Grasonville, MD  
(410) 827-4454

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.

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) Call our office (410) 827-6016 several days prior to the sale indicating your interest in joining the teleauction. This is to assure we reserve enough lines.
2) Call the Wye Angus office (410) 827-6016 no later than 11 a.m. Saturday morning to receive a bid number and sale order. If you have email or a fax number, we can email or fax the sale order to you.
3) 5 minutes prior to sale time (12:00 PM EST), call the teleauction number (888) 259-0463, then enter the participant passcode: 92553682 then #.
4) 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.
5) 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.
Dear Friends of the College’s Wye Angus Program,

We are looking forward to the 37th annual Wye Angus Sale on Saturday, April 4, 2015, beginning at noon at the Maryland Agricultural Experiment Station Wye Angus facility in Queenstown, Maryland. This year’s sale will include 5 cow/calf pairs, some ET pregnancies, and 30 yearling bulls.

Wye Angus Program Manager, Ed Draper, and all of the faculty and staff who are involved in the program work diligently to provide sustainable, profitable and functional genetics to our customers. Dr. John Song, Associate Professor in the Department of Animal and Avian Sciences, College of Agriculture and Natural Resources, continues his research projects of epigenetics and functional genomics on dietary improvements for the beef quality of Wye Angus cattle.

We hope to see you at the Wye on April 4th.

Sincerely,

Cheng-i Wei
Dean and Director

Dear Cattleman,

It is our pleasure to welcome you to the 37th Annual sale at Wye Angus. We will be offering five cow/calf pairs, eight pregnant recipients and 30 yearling bulls.

The female offering includes two Cedric of Wye UMF 8998 daughters, and one daughter each sired by Alap of Wye UMF 8329, Boyd of Wye UMF 8059 and Aiken of Wye UMF 9464.

The pregnant recipients will be carrying six bull calves and two heifer calves. These bull calves will be sired by Federal of Wye, Andelot of Wye UMF 5907, Forceful of Wye and Brenton of Wye UMF 10171. The two heifer calves are sired by Lodge of Wye and Andelot of Wye UMF 5907.

The 30 yearling bulls had an ADG of 3.5 pounds and have an average $EN of 49.38. They are moderate in frame, good on their feet and legs and carry plenty of thickness.

Looking forward to seeing you on Saturday, April 4th, 2015.

Edward C. Draper
Program Manager

Kevin W. Morgan
Herd Manager
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. Outstading 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 Barony 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

Our program today consists of seed stock production, forage research and a project with the Department of Animal and Avian Sciences.

Dr. Jiuzhou Song has initiated a project with a goal of examining the effects of how finishing cattle on an alfalfa and orchard grass diet alters the epigenetic status of genes affecting beef quality and the fatty acid profile. The results of this research will be used as preliminary data for a USDA grant to examine the molecular methods for which a forage based diet alters epigenetic status for a variety of genes impacting both beef quality and nutrition. The ultimate goal of this research is to develop methods that beef producers can use through dietary interventions to produce a highly palatable and nutritious product.

We will have embryo transfer calves in 2015 sired by Adelard of Wye, Federal of Wye, Luthien of Wye and Churchill of Wye. Our AI calves will be sired by Lodi of Wye UMF 10318, Brenton of Wye UMF 10171 and Baldric of Wye UMF 10099. Our herd bulls consist of Buarry of Wye UMF 10093, Crew of Wye UMF 10275, Brick of Wye UMF 10367, Lander of Wye UMF 10387 and Balgain of Wye UMF 10405. We still pursue as our main objective the production of key maternal traits including mothering ability, longevity, and udder and teat structure while preserving calving ease.

Over the last five years we have included in our forage research the use of Max-Q entophyte friendly fescue, introducing different types of orchard grass and the use of different types of warm season grasses.

Annual Sale

It’s a Wye Angus tradition to hold its annual sale the first Saturday in April each year.
Cow/Calf Pairs

Clova of Wye UMF 9821
Calved: 02/13/15  •  Tattoo: 9821  •  Reg: 17062432  •  Cow

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk Com</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
<th>Yearling Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+1.5</td>
<td>+19</td>
<td>+13</td>
<td>+32</td>
<td>34.72</td>
<td>103/4</td>
<td>104/3</td>
</tr>
</tbody>
</table>

+ Embryo Transplant  # Pathfinder

Andelot of Wye UMF 5907  Federal of WYE #
Cedric of Wye UMF 8998  Arabetus of Wye
Clova of Wye UMF 8044  Churchill of Wye
Clove of Wye UMF 7665  Clova of Wye UMF 9005  Clova of Wye UMF 8585  Clova of Wye UMF 7618 #+

• We have sold two of 9821’s sons and retain one daughter sired by Luthien of Wye. 9821 is a moderate sized Cedric daughter with an excellent production record.  • Her 2015 calf is sired by Crew of Wye UMF 10275.

Lottie of Wye UMF 9935
Calved: 01/29/10  •  Tattoo: 9935  •  Reg: 16814824 #  •  Cow

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk Com</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
<th>Yearling Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+4</td>
<td>+18</td>
<td>+16</td>
<td>+16</td>
<td>39.2</td>
<td>106/3</td>
<td>105/2</td>
</tr>
</tbody>
</table>

+ Embryo Transplant  # Pathfinder

Vindicator of Milford  Gedmon of Kinemmony
Boyd of Wye UMF 8059  Milford Vine 259
Blackbird of Wye UMF 6816 #  Fargo of Wye UMF 5813 #
Bayette of WYE #
Clarkson of WYE UMF 9166 +  Favour of Wye
Clova of Wye UMF 6767 #+
Lottie of Wye UMF 9935  Clova of Wye UMF 9078  Lottie of Wye UMF 8303

• 9935 is a typical good producing Boyd daughter with good performance and an excellent udder.  We sold her bull calf by Quon in our 2012 sale and retained two daughters.  • Her 2015 calf is sired by Quincuius of Wye UMF 9948.

Lottie of Wye UMF 9943
Calved: 02/02/10  •  Tattoo: 9943  •  Reg: 16814827  •  Cow

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk Com</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Wean Ratio</th>
<th>Yearling Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+2.1</td>
<td>+26</td>
<td>+21</td>
<td>+30</td>
<td>23.31</td>
<td>110/2</td>
<td>101/1</td>
</tr>
</tbody>
</table>

+ Embryo Transplant  # Pathfinder

Manning of Wye  Columbus of Wye
Alap of Wye UMF 8329  M'lady of Wye
Alexina of WYE UMF 6968 #  Bear of Wye UMF 6591
Alexina of Wye UMF 6437
Brlar of Wye UMF 9024  Fahren of Wye UMF 5830
Blackbird of WYE UMF 7270 #
Lottie of Wye UMF 9609  Lottie of Wye UMF 8285  Lottie of Wye UMF 8033

• Alap has sired our most consistent, high producing females. 9943 is a cow with a deep middle and an excellent udder.  • She sells with a bull calf, sired by Crew of Wye UMF 10275, born 02/15/15.
Cow/Calf Pairs

**Copeland of Wye UMF 9976**

- **Calved:** 02/19/10  
- **Tattoo:** 9976  
- **Reg:** 16814842  
- **Cow**

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>WEAN RATIO</th>
<th>YEARLING RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.0</td>
<td>+24</td>
<td>+18</td>
<td>+37</td>
<td>24.77</td>
<td>110/3</td>
<td>108/2</td>
</tr>
</tbody>
</table>

Andelot of Wye UMF 5907  
Federal of WYE #
Arbutus of Wye

Cedric of Wye UMF 8998  
Clova of Wye UMF 8044  
Churchill of Wye  
Clova of Wye UMF 7685

Aver of Wye UMF 8202  
Falconer of Wye UMF 5308  
Alexina of Wye UMF 7281

Copeland of WYE UMF 8907 #  
Copeland of Wye UMF 7675  
Colrain of Wye UMF 7089  
Copeland of Wye UMF 7329

- The second Cedric daughter to sell, we have sold one bull calf out of 9976 and retain two daughters. 9976 boasts a weaning ratio of 110 and a yearling ratio of 107 on three calves.  
- She sells with a heifer calf, sired by Baldric of Wye UMF 10099, born 02/02/15.

**Blackbird of Wye UMF 10073**

- **Calved:** 03/25/10  
- **Tattoo:** 10073  
- **Reg:** 16814813  
- **Cow**

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>WEAN RATIO</th>
<th>YEARLING RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.1</td>
<td>+14</td>
<td>+9</td>
<td>+15</td>
<td>49.96</td>
<td>99/3</td>
<td>101/2</td>
</tr>
</tbody>
</table>

Favour of Wye  
Lodge of Wye  
Florilla of Wye

Aiken of Wye UMF 9464  
Alexina of WYE UMF 6968 #  
Bear of Wye UMF 6591  
Alexina of Wye UMF 6437

Bolger of Wye UMF 8516  
Leycan of Wye UMF 5009  
Blackbird of Wye UMF 7350 #+  
Aver of Wye UMF 8202  
Blackbird of Wye UMF 8628

- 10073 is a moderate framed Aiken daughter that has an $EN$ valve of 49.96. The Aiken daughters exhibit good production.  
- Her 2015 calf is sired by Crew of Wye UMF 10275.
ET Pregnancies

### Bull Pregnancy—Due Sept. 2015
**Recip:** 9485 - Briar X 8047 (MGS Armo)

- Federal of WYE
- Arbutus of WYE
- Angwin of WYE UMF 7097

**Copeland of WYE UMF 7546**
- Copeland of WYE UMF 7029 #

**Andelot of Wye**
- Career of WYE
- Fayne of WYE
- Favour of WYE
- Ariane of WYE
- Leonid of WYE #
- Alexina of WYE UMF 6749 #
- Bellevue of WYE UMF 5875
- Copeland of WYE UMF 6378 #

• Andelot weaned at 583 lbs. and had a yearling weight of 1207 lbs. with a 38.5 scrotal circumference. 7546 was one of our best Angwin daughters and her son Coeburn of WYE UMF 9154, sold to Cotton Angus.

### Heifer Pregnancy—Due Sept. 2015
**Recip:** 10321 - Lorre X 9558 (MGS Bolger)

- Federal of WYE
- Arbutus of WYE
- Angwin of WYE UMF 7097

**Copeland of WYE UMF 7546**
- Copeland of WYE UMF 7029 #

**Andelot of Wye**
- Career of WYE
- Fayne of WYE
- Favour of WYE
- Ariane of WYE
- Leonid of WYE #
- Alexina of WYE UMF 6749 #
- Bellevue of WYE UMF 5875
- Copeland of WYE UMF 6378 #

• 7546 weaned 14 calves and her daughter by Alap (9952) is an up and coming cow that produced a son by Cedric that sold for $9000 in 2014.

### Heifer Pregnancy—Due Sept. 2015
**Recip:** 10305 - Quincuius X 9976 (MGS Cedric)

- Career of Wye
- Lorena of Wye
- Ceredo of Wye UMF 7994

**Lottie of Wye UMF 8285**
- Copeland of Wye UMF 7675
- Bing of WYE UMF 7794 #
- Lottie of Wye UMF 7784

- The Lodge daughters have tremendous spring of rib with excellent udders. 8285 was our best Ceredo daughter, and her daughter by Cedric sold for $12,000 in our 2014 sale.
**ET Pregnancies**

### Bull Pregnancy—Due Sept. 2015

**Recip: 10335 - Brassard X 10053 (MGS Brins)**

<table>
<thead>
<tr>
<th>Forceful of Wye</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valour of Ardross</td>
</tr>
<tr>
<td>Fendell of Wye</td>
</tr>
<tr>
<td>Campton of Wye UMF 8207</td>
</tr>
<tr>
<td>Blackbird of Wye UMF 8473</td>
</tr>
<tr>
<td>Blackbird of Wye UMF 8140</td>
</tr>
</tbody>
</table>

- The Forceful bull calves are straight topped with excellent top lines. 8473 has a weaning ratio of 106 and a yearling ratio of 108 on 12 calves.

### Bull Pregnancy—Due Sept. 2015

**Recip: 10087 - Lonestar X 7546 (MGS Angwin)**

### Bull Pregnancy—Due Sept. 2015

**Recip: 10338 - Brassard X 10032 (MGS Forester)**

<table>
<thead>
<tr>
<th>Brenton of Wye UMF 10171</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cedric of Wye UMF 8998</td>
</tr>
<tr>
<td>Blackbird of WYE UMF 8988+</td>
</tr>
<tr>
<td>Carter of Wye UMF 8138</td>
</tr>
<tr>
<td>Clova of Wye UMF 8966</td>
</tr>
</tbody>
</table>

- Good performance in this calves pedigree. Brenton is a Cedric out of a Columbus that sold for $9500 in our 2012 sale. 8996 has a son sired by Bangle that sells as Lot 30.

### Bull Pregnancy—Due Sept. 2015

**Recip: 10332 - Brassard X 10052 (MGS Forester)**

<table>
<thead>
<tr>
<th>Federal of WYE #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career of Wye</td>
</tr>
<tr>
<td>Fayne of Wye</td>
</tr>
<tr>
<td>Carter of Wye UMF 8138</td>
</tr>
<tr>
<td>Clova of Wye UMF 8996</td>
</tr>
<tr>
<td>Clova of Wye UMF 8176</td>
</tr>
</tbody>
</table>

- Federal was a bull that was identified early as having excellent feed conversion. Federal is also the sire of Baldric of Wye, a bull that we are currently using.
Ashford of Wye UMF 10505

**Calved:** 01/24/14  
**Tattoo:** 10505  
**Reg:** 18030291  
**Yearling Bull**

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.3</td>
<td>+13</td>
<td>+27</td>
<td>+8</td>
<td>+20</td>
<td>+15</td>
</tr>
</tbody>
</table>

**Lodge of Wye**  
Career of Wye  
Lorena of Wye

**Churchill of Wye**

**Colleen of Wye**  
Gaird of Dalmeny  
Clara Jean of Wye

**Cedric of Wye UMF 8998**
Andelot of Wye UMF 5907  
Clova of Wye UMF 8044

**Alexina of Wye UMF 9959**
Alap of Wye UMF 8329  
Alexina of WYE UMF 7543 #

Ashford descends from a strong maternal line of cows on both sides of his pedigree. His dam, 9959, is one of our best Cedric daughters, and we’ve previously sold her two sons by Quincuius and Baldric.  
*Wye will retain 1/3 breeding interest.*

Quilcen of Wye UMF 10507

**Calved:** 01/27/14  
**Tattoo:** 10507  
**Reg:** 18028136  
**Yearling Bull**

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.0</td>
<td>+35</td>
<td>+18</td>
<td>+24</td>
<td>+11</td>
<td>+17</td>
</tr>
</tbody>
</table>

**Forceful of Wye**
Valour of Ardross  
Fairlie of Wye

**Lottie of Wye UMF 9634**
Barnabas of Wye UMF 9281  
Lottie of Wye UMF 9329

**Aver of Wye UMF 8202**
Falconer of Wye UMF 5308  
Alexina of Wye UMF 7281

**Queen Mother of Wye UMF 8959**
Friars of Wye UMF 7996  
Queen Mother of Wye UMF 8055

A light birth weight, high performing son of Lajos of Wye UMF 9939, Quilcen is out of a real good Aver daughter, 8959.

Baradine of Wye UMF 10508

**Calved:** 01/27/14  
**Tattoo:** 10508  
**Reg:** 18030546  
**Yearling Bull**

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+9</td>
<td>+37</td>
<td>+17</td>
<td>+27</td>
<td>+21</td>
<td>+16</td>
</tr>
</tbody>
</table>

**Lodge of Wye**
Career of Wye  
Lorena of Wye

**Churchill of Wye**

**Colleen of Wye**
Gaird of Dalmeny  
Clara Jean of Wye

**Alap of Wye UMF 8329**
Manning of Wye  
Alexina of WYE UMF 6968 #

**Blackbird of Wye UMF 9272**
Fahren of Wye UMF 5830  
Blackbird of WYE UMF 8655 #

The Churchill calves seem to nick well with Alap. Baradine is an extremely thick bull with good weaning and yearling ratios. The bull we kept last year, Lander of Wye UMF 10387, would be a three quarter brother.  
*Wye will retain 1/3 breeding interest.*
**Yearling Bulls**

### Cobar of Wye UMF 10512

Calved: 01/29/14  
Tattoo: 10512  
Reg: 18028137+  
Yearling Bull

<table>
<thead>
<tr>
<th>Birth</th>
<th>Weaning</th>
<th>Maternal</th>
<th>Yearling</th>
<th>Cow Energy</th>
<th>Dam’s Mean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>.1</td>
<td>.36</td>
<td>-.27</td>
<td>.22</td>
<td>.21</td>
<td>62.39</td>
</tr>
</tbody>
</table>

Career of Wye  
Fobron of Wye  
Clarice of Wye  

SCAN DATA  
REA 10.09

Federal of WYE

Fabric of WYE

Prince of Malpas  
Matilda G of Wye  

Churchill of Wye  
Lodge of Wye  
Colleen of Wye  

Clova of Wyme UMF 8044  
Burgas of WYE UMF 6801  
Clova of WYE UMF 7310  

- Straight out of our embryo program, Cobar has the second highest $EN value at 62.39. Sired by Federal of Wye, Cobar’s dam 8044, was our best Churchill daughter, and is also the dam of Cedric.  
- Wye will retain 1/3 breeding interest.

### Bellingen of Wye UMF 10515

Calved: 01/31/14  
Tattoo: 10515  
Reg: 18030545  
Yearling Bull

<table>
<thead>
<tr>
<th>Birth</th>
<th>Weaning</th>
<th>Maternal</th>
<th>Yearling</th>
<th>Cow Energy</th>
<th>Dam’s Mean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.0</td>
<td>.36</td>
<td>+15</td>
<td>.26</td>
<td>.20</td>
<td>.14</td>
</tr>
<tr>
<td>+17</td>
<td>.20</td>
<td>.20</td>
<td>.20</td>
<td>3/105</td>
<td></td>
</tr>
</tbody>
</table>

Lodge of Wye  
Career of Wye  
Lorena of Wye  

SCAN DATA  
REA 12.50

Churchill of Wye

Colleen of Wye  
Gaird of Dalmeny  
Clara Jean of Wye  

Briar of Wyme UMF 9024  
Fahren of WYE UMF 5830  
Blackbird of WYE UMF 7270 #  

Blackbird of Wyme UMF 10042 #  
Faxton of WYE UMF 8819  
Blackbird of WYE UMF 8628  

- Another Churchill son, Bellingen’s dam is a good young Briar daughter that has a weaning ratio of 105 on three calves.  
- Wye will retain 1/3 breeding interest.

### Berridale of Wye UMF 10516

Calved: 01/31/14  
Tattoo: 10516  
Reg: 18028138  
Yearling Bull

<table>
<thead>
<tr>
<th>Birth</th>
<th>Weaning</th>
<th>Maternal</th>
<th>Yearling</th>
<th>Cow Energy</th>
<th>Dam’s Mean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.2</td>
<td>.37</td>
<td>+9</td>
<td>.27</td>
<td>.20</td>
<td>.19</td>
</tr>
<tr>
<td>+19</td>
<td>.20</td>
<td>.20</td>
<td>.20</td>
<td>6/88</td>
<td></td>
</tr>
</tbody>
</table>

Luthien of WYE #  
Fortrel of Wye  
Fiorilla of Wye  

SCAN DATA  
REA 12.15

Loania of Wye  
Federal of WYE  
Luria of WYE #  

Franchester of WYE #  
Conan of WYE #  
Frona of Wye  

Blackbird of WYE UMF 9479  
Buchwald of WYE UMF 6029  
Blackbird of WYE UMF 5362 #  

- Our first Luthien of Wye son to sell, Berridale has the highest $EN value of 62.59 and an ADG of 3.8 pounds.
Yearling Bulls

Byrus of Wye UMF 10518

Calved: 01/31/14 ♦ Tattoo: 10518 ♦ Reg: 18030541 ♦ Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.3</td>
<td>.34</td>
<td>+1</td>
<td>.23</td>
<td>+9</td>
<td>.15</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-5</td>
<td>.14</td>
<td>59.72</td>
</tr>
</tbody>
</table>

Prince of Malpas: Junior Eric of Southburn
Merle of Malvita

Caltha of Wye: Geordus
Colleen of Wye

Cedric of Wye UMF 8998: Andelot of Wye UMF 5907
Clova of Wye UMF 8044

Blackbird of Wye UMF 10004: Aver of Wye UMF 8202
Blackbird of WYE UMF 7939

- Interesting pedigree with Prince of Malpas just two generations back, Byrus is out of 10004, a moderate framed Cedric daughter with an excellent udder.
- Wye will retain 1/3 breeding interest.

Branxton of Wye UMF 10522

Calved: 02/01/14 ♦ Tattoo: 10522 ♦ Reg: 18028139 ♦ Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+.8</td>
<td>.34</td>
<td>+21</td>
<td>.23</td>
<td>+10</td>
<td>.09</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+29</td>
<td>.13</td>
<td>41.78</td>
</tr>
</tbody>
</table>

Forceful of Wye: Valour of Ardross
Fairlie of Wye

Lottie of Wye UMF 9634: Barnabas of Wye UMF 9281
Lottie of Wye UMF 9329

Bartor of Wye UMF 5609: Leonid of WYE #
Bayette of WYE #

Blackbird of Wye UMF 9930 #: Clarkson of WYE UMF 9166 +
Blackbird of WYE UMF 8968 #

- The dam of Branxton has an impressive weaning ratio of 114 on three calves. Branxton is also one of five bulls that rank in the top one third on all carcass ultrasound traits measured by Tallgrass Beef.

Buronga of Wye UMF 10523

Calved: 02/01/14 ♦ Tattoo: 10523 ♦ Reg: 18028140 + ♦ Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.1</td>
<td>.34</td>
<td>+11</td>
<td>.24</td>
<td>+6</td>
<td>.13</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.12</td>
<td>+12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.17</td>
<td>55.67</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6/104</td>
</tr>
</tbody>
</table>

Valour of Ardross: Prince Paul of Barnoldby
Vacuna of Calhill

Fairlie of Wye: Fendell of Wye
Felicia of Wye

Fahren of Wye UMF 5830: Fenland of Wye
Florelle of WYE UMF 5229 #

Blackbird of Wye UMF 8964:
Blackbird of WYE UMF 8368
Blackbird of WYE UMF 7819 +

- Another embryo bull calf, Buronga’s dam 8964 had a weaning ratio of 104 on six calves. Buronga also ranks in the top one third on all carcass ultrasound traits measured by Tallgrass Beef.
- Wye will retain 1/3 breeding interest.
Coledale of Wye UMF 10529

Calved: 02/02/14  •  Tattoo: 10529  •  Reg: 18028142  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.4</td>
<td>+0.34</td>
<td>+16.23</td>
<td>+5</td>
<td>+0.9</td>
<td>+22.11</td>
<td>52.48</td>
</tr>
</tbody>
</table>

Valour of Ardross
Valour of Ardross

Lajos of Wye UMF 9939
Lajos of Wye UMF 9939

Lottie of Wye UMF 9634
Lottie of Wye UMF 9634

Lyndon of Wye UMF 9458
Lyndon of Wye UMF 9458

Copeland of Wye UMF 9903
Copeland of Wye UMF 9903

Copeland of WYE UMF 9531 #
Copeland of WYE UMF 9531 #

The third Lajos son to sell, Coledale is a moderate framed, thick bull who’s progeny should excel in any grass based system.

Quogue of Wye UMF 10531

Calved: 02/02/14  •  Tattoo: 10531  •  Reg: 18028143  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.1</td>
<td>+0.33</td>
<td>+12.23</td>
<td>+9</td>
<td>+17</td>
<td>+15.13</td>
<td>51.56</td>
</tr>
</tbody>
</table>

Prince of Malpas
Caltha of Wye

Cyrus of Wye
Cyrus of Wye

Calusa of Wye
Calusa of Wye

Banquo of Wye
Banquo of Wye

Bertina of Wye
Bertina of Wye

Geordus
Geordus

Fahren of Wye UMF 5830
Fahren of Wye UMF 5830

Florelle of WYE UMF 5229 #
Florelle of WYE UMF 5229 #

Queen Mother of WYE UMF 8376
Queen Mother of WYE UMF 8376

Queen Mother of WYE 7829 #+
Queen Mother of WYE 7829 #+

Queen Mother of WYE UMF 6599 #
Queen Mother of WYE UMF 6599 #

One of two flush brothers to sell, Quogue had the second highest REA at 13.98. He also tied for second with an ADG of 4.0.

Bremetton of Wye UMF 10532

Calved: 02/03/14  •  Tattoo: 10532  •  Reg: 18028144  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1</td>
<td>+0.35</td>
<td>+15.25</td>
<td>+0</td>
<td>+0.14</td>
<td>+29.17</td>
<td>55.12</td>
</tr>
</tbody>
</table>

Conan of WYE #
Conan of WYE #

Franchester of WYE #
Franchester of WYE #

Bangle of Wye UMF 9480
Bangle of Wye UMF 9480

Blackbird of WYE UMF 8988 +
Blackbird of WYE UMF 8988 +

Columbus of Wye
Columbus of Wye

Faxton of Wye UMF 8819
Faxton of Wye UMF 8819

Aver of Wye UMF 8202
Aver of Wye UMF 8202

Blackbird of WYE UMF 8988 +
Blackbird of WYE UMF 8988 +

A performance oriented bull calf, Bremetton is a Bangle son out of a Faxton daughter. He also tied for second with an ADG of 4.0.
Yearling Bulls

Quaker of Wye UMF 10537

Calved: 02/03/14  ●  Tattoo: 10537  ●  Reg: 18028145  ●  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>- .4</td>
<td>.37</td>
<td>+22</td>
<td>.27</td>
<td>+13</td>
<td>.20</td>
</tr>
</tbody>
</table>

- Lambdin of Wye UMF 6278
  - Addison of Wye UMF 5853
  - Lottie of Wye UMF 5868

- Bear of Wye UMF 6591
  - Lyons of Wye UMF 5877
  - Blackbird of Wye UMF 5841

- Cedric of Wye UMF 8998
  - Andelot of Wye UMF 5907
  - Clova of Wye UMF 8044

- Queen Mother of WYE UMF 9420 #
  - Maeko of WYE UMF 8699 +
  - Queen Mother of Wye UMF 8721

- The highest weaning ratio of 125 and second highest yearling ratio of 117 Quaker is Bear son out of a high performing Cedric daughter, 9420. Quaker also had the second highest % IMF at 5.54.
- Wye will retain 1/3 breeding interest.

Camas of Wye UMF 10538

Calved: 02/03/14  ●  Tattoo: 10538  ●  Reg: 18028146  ●  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+.6</td>
<td>.37</td>
<td>+11</td>
<td>.27</td>
<td>+7</td>
<td>.20</td>
</tr>
</tbody>
</table>

- Forson of Wye
  - Fortrel of Wye
  - Florilla of Wye

- Loania of Wye
  - Federal of WYE
  - Luria of WYE #

- Briar of Wye UMF 9024
  - Fahren of Wye UMF 5830
  - Blackbird of WYE UMF 7270 #

- Clova of Wye UMF 9485
  - Armo of Wye
  - Clova of WYE UMF 6767 #+

- Camas has a solid weaning ratio of 106 and yearling ratio of 108 to go along with a 3.7 ADG.
- Wye will retain 1/3 breeding interest.

Quinter of Wye UMF 10539

Calved: 02/03/14  ●  Tattoo: 10539  ●  Reg: 18028147 ++ Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-.2</td>
<td>.33</td>
<td>+6</td>
<td>.23</td>
<td>+9</td>
<td>.17</td>
</tr>
</tbody>
</table>

- Cyrus of Wye
  - Prince of Malpas
  - Caltha of Wye

- Bertina of Wye
  - Geordus
  - Beta of Wye

- Fahren of Wye UMF 5830
  - Fenland of Wye
  - Florelle of WYE UMF 5229 #

- Queen Mother of WYE UMF 8376
  - Bartor of Wye UMF 5609
  - Queen Mother of WYE UMF 6599 #

- Quinter would be a full brother to Lot 24 and their dam would have to be considered one of the best Fahren daughters we ever produced.
- Wye will retain 1/3 breeding interest.

+ Embryo Transplant  ●  # Pathfinder

YEARLING BULL OFF TEST DATA

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>% In Bred</td>
<td>Gen Coef</td>
</tr>
<tr>
<td>11.37</td>
<td>9.23</td>
</tr>
</tbody>
</table>

ADJUSTED 365 DAY  ADG

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
<th>ADG</th>
</tr>
</thead>
<tbody>
<tr>
<td>1172</td>
<td>117</td>
<td>45.80</td>
<td>36.3</td>
<td></td>
</tr>
</tbody>
</table>
Quip of Wye UMF 10553

Calved: 02/09/14  •  Tattoo: 10553  •  Reg: 18030547  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM'S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+.5</td>
<td>+.36</td>
<td>+14</td>
<td>+.28</td>
<td>+7</td>
<td>22</td>
</tr>
</tbody>
</table>

Lodge of Wye  
Career of Wye  
Lorena of Wye  
REA 12.30

Churchill of Wye  
Colleen of Wye  
Gaird of Dalmeny  
Clara Jean of Wye  
REA/CWT 1.23

Fahren of Wye UMF 5830  
Fenland of Wye  
Florelle of WYE UMF 5229 #  
IMF 5.17

Queen Mother of Wye UMF 8376  
Queen Mother of WYE 7829 #+  
Bartor of Wye UMF 5609  
Queen Mother of WYE UMF 6599 #  
TENDER 24

Stress 10

Three full brothers to Quip sold in our 2014 sale for an average of $8583. The Churchill calves have done extremely well here at Wye, and Quip’s carcass ultrasound was in the top one third in all traits measured by Tallgrass Beef.

Wye will retain 1/3 breeding interest.

Colville of Wye UMF 10554

Calved: 02/10/14  •  Tattoo: 10554  •  Reg: 18028148  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM'S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.6</td>
<td>+.36</td>
<td>+15</td>
<td>+.26</td>
<td>+1</td>
<td>15</td>
</tr>
</tbody>
</table>

Franchester of WYE #  
Conan of WYE #  
Friona of Wye  
REA 13.44

Bangle of WYE UMF 9480  
Columbus of Wye  
Blackbird of WYE UMF 7270 #  
REA/CWT 1.37

Blackbird of WYE UMF 8988 +  
Columbus of Wye  
Blackbird of WYE UMF 7270 #  
RES 0.52

Carter of Wye UMF 8138  
Framework of Wye  
Clova of Wye UMF 7931  
IMF 3.96

Clova of Wye UMF 8996  
Landowner of Wye  
Clova of WYE UMF 6767 #+  
BF 0.53

Stress 10

Another Bangle son with solid credentials Colville had a weaning ratio of 105 and a yearling ration of 101. His dam is an eleven year old Carter daughter with embryo’s selling as Lot 10, 11, 12 and 13.

Lacon of Wye UMF 10555

Calved: 02/10/14  •  Tattoo: 10555  •  Reg: 18028149  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM'S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+2.1</td>
<td>+.36</td>
<td>+0</td>
<td>+.26</td>
<td>+3</td>
<td>.18</td>
</tr>
</tbody>
</table>

Forrnel of Wye  
Fortrel of Wye  
Florelia of Wye  
REA 11.54

Loania of Wye  
Federal of WYE #  
Luria of WYE #  
REA/CWT 1.20

Favour of Wye  
Brins of WYE UMF 9635  
Blackbird of WYE UMF 9025 #  
RES 0.41

Lottie of WYE UMF 10050  
Favour of Wye  
Blackbird of WYE UMF 9025 #  
IMF 4.06

Lottie of WYE UMF 9507 #  
Cedric of WYE UMF 8998  
Lottie of Wye UMF 8285  
BF 0.47

Stress 10

The last Luthien of Wye son to sell, Lacon tied for the best ADG at 4.1, with an impressive scrotal circumference of 34.4.

YEARLING BULL OFF TEST DATA

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>% In Bred</td>
<td>Gen Coef</td>
</tr>
<tr>
<td>9.41</td>
<td>6.60</td>
</tr>
</tbody>
</table>

ADJUSTED 365 DAY  ADG

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
<th>3.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1004</td>
<td>100</td>
<td>47.00</td>
<td>33.0</td>
<td></td>
</tr>
</tbody>
</table>

YEARLING BULL OFF TEST DATA

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>% In Bred</td>
<td>Gen Coef</td>
</tr>
<tr>
<td>10.89</td>
<td>8.10</td>
</tr>
</tbody>
</table>

ADJUSTED 365 DAY  ADG

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
<th>3.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1014</td>
<td>101</td>
<td>48.50</td>
<td>34.2</td>
<td></td>
</tr>
</tbody>
</table>

YEARLING BULL OFF TEST DATA

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>% In Bred</td>
<td>Gen Coef</td>
</tr>
<tr>
<td>10.56</td>
<td>8.09</td>
</tr>
</tbody>
</table>

ADJUSTED 365 DAY  ADG

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
<th>4.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>986</td>
<td>99</td>
<td>47.00</td>
<td>34.4</td>
<td></td>
</tr>
</tbody>
</table>
Mentone of Wye UMF 10560

Calved: 02/12/14  •  Tattoo: 10560  •  Reg: 18028151  •  Yearling Bull

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Weaning</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Dam's Wean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mentone of Wye UMF 10560</td>
<td>+1.1</td>
<td>+25</td>
<td>+1</td>
<td>+41</td>
<td>.14</td>
<td>47.86</td>
<td>7/103</td>
</tr>
<tr>
<td>Bangle of Wye UMF 9480</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Blackbird of Wye UMF 8988</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Aver of Wye UMF 8202</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Butler of Wye UMF 8125</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
</tbody>
</table>

- One of our top performing bulls, Mentone was either first or second in every category including weaning ratio, yearling ratio, weaning weight, ADG and scrotal circumference.
- Wye will retain 1/3 breeding interest.

Coulee of Wye UMF 10563

Calved: 02/13/14  •  Tattoo: 10563  •  Reg: 18028152  •  Yearling Bull

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Weaning</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Dam's Wean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banquo of Wye UMF 10275</td>
<td>-5</td>
<td>+14</td>
<td>+11</td>
<td>+15</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Cyrus of Wye UMF 9480</td>
<td>-5</td>
<td>+14</td>
<td>+11</td>
<td>+15</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Bonanza of Wye UMF 9948</td>
<td>-5</td>
<td>+14</td>
<td>+11</td>
<td>+15</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Cedric of Wye UMF 9997</td>
<td>-5</td>
<td>+14</td>
<td>+11</td>
<td>+15</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
</tbody>
</table>

- Our first bull calf sired by Crew of Wye UMF 10275, Coulee is a moderate framed bull with tremendous thickness. Coulee also had the largest REA measured at 14.56.

Chevak of Wye UMF 10564

Calved: 02/13/14  •  Tattoo: 10564  •  Reg: 18028153  •  Yearling Bull

<table>
<thead>
<tr>
<th></th>
<th>Birth Weight</th>
<th>Weaning Weight</th>
<th>Maternal Milk</th>
<th>Weaning</th>
<th>Yearling Weight</th>
<th>Cow Energy</th>
<th>Dam's Wean Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chevak of Wye UMF 10564</td>
<td>+1.0</td>
<td>+16</td>
<td>+5</td>
<td>+28</td>
<td>.14</td>
<td>48.76</td>
<td>5/116</td>
</tr>
<tr>
<td>Conan of Wye UMF 9480</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Columbus of Wye UMF 7270 #</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Favour of Wye UMF 8100</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
<tr>
<td>Copeland of Wye UMF 7675</td>
<td>-10.8</td>
<td>-10.4</td>
<td>-10.5</td>
<td>-15.6</td>
<td>.08</td>
<td>47.03</td>
<td>1/113</td>
</tr>
</tbody>
</table>

- Another Bangle son with solid test data, Chevak has a weaning ratio of 116 and a yearling ratio of 110 and his dam, by Contact of Wye had an impressive weaning ratio of 116 on 5 calves.

+ Embryo Transplant  # Pathfinder
Abernan of Wye UMF 10575

Calved: 02/16/14  •  Tattoo: 10575  •  Reg: 18028156  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>+2</td>
<td>.34</td>
<td>+22 .23</td>
<td>+12</td>
<td>.10</td>
<td>23</td>
<td>+36 .15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34.25</td>
<td>4/105</td>
</tr>
</tbody>
</table>

† Lots of performance bred into the pedigree of Abernan. He is a Brassard out of a Bartor out of a Briar. All these bulls excelled at growth as exhibited by his weaning ratio of 111 and yearling ratio of 115.
† Wye will retain 1/3 breeding interest.

Brewton of Wye UMF 10580

Calved: 02/17/14  •  Tattoo: 10580  •  Reg: 18028157  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1</td>
<td>.32</td>
<td>+13 .20</td>
<td>+10</td>
<td>.08</td>
<td>16</td>
<td>+12 .09</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>49.92</td>
<td>1/109</td>
</tr>
</tbody>
</table>

† Out of a first calf heifer, Brewton combines a low birth weight of 70 pounds to go along with a weaning ratio of 109 and a yearling ratio of 108. Brewton also has an impressive 1.40 REA/CWT.

Medwin of Wye UMF 10584

Calved: 02/19/14  •  Tattoo: 10584  •  Reg: 18028158  •  Yearling Bull

<table>
<thead>
<tr>
<th>BIRTH WEIGHT</th>
<th>WEANING WEIGHT</th>
<th>MATERNAL MILK</th>
<th>COMB</th>
<th>YEARLING WEIGHT</th>
<th>COW ENERGY</th>
<th>DAM’S WEAN RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4</td>
<td>.34</td>
<td>+12 .22</td>
<td>+8</td>
<td>.11</td>
<td>13</td>
<td>+9 .11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>54.22</td>
<td>3/100</td>
</tr>
</tbody>
</table>

† The only Buarry son to sell in the sale Medwin is a moderate framed, phenotypically correct bull that should excel in a grass based system. He also has a high $EN value of 54.22.
### Babson of Wye UMF 10593

Calved: 02/21/14  •  Tattoo: 10593  •  Reg: 18028159  •  Yearling Bull

<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>
</tr>
</thead>
<tbody>
<tr>
<td>+2</td>
<td>.35</td>
<td>+17</td>
<td>.25</td>
<td>+13</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>41.20</td>
<td></td>
<td></td>
<td>7/102</td>
<td></td>
</tr>
</tbody>
</table>

**SCAN DATA**

- REA: 11.93
- REA/CWT: 1.20
- RES: 0.53
- IMF: 5.68
- BF: 0.47
- TENDER: 26
- STRESS: 10

**Yearling Bull Off Test Data**

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- % In Bred: 10.49
- Gen Coef: 9.68
- Birth Wt: 78
- Adj 205 Day Wt: 544
- Ratio: 109

**Adjusted 365 Day ADG**

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1026</td>
<td>101</td>
<td>47.40</td>
<td>32.9</td>
</tr>
</tbody>
</table>

- Babson is a Quon son out of our best Faxton daughter 9331. We kept a Baldric son out of 9331 to breed heifers last year. Babson has a solid weaning ratio of 109 and yearling ratio of 103 and the highest %IMF at 5.68.

### Boron of Wye UMF 10597

Calved: 02/22/14  •  Tattoo: 10597  •  Reg: 18028160  •  Yearling Bull

<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>
</tr>
</thead>
<tbody>
<tr>
<td>+1.2</td>
<td>.35</td>
<td>+18</td>
<td>.23</td>
<td>+15</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>36.57</td>
<td></td>
<td></td>
<td>6/107</td>
<td></td>
</tr>
</tbody>
</table>

**SCAN DATA**

- REA: 13.83
- REA/CWT: 1.41
- RES: 0.49
- IMF: 3.84
- BF: 0.43
- TENDER: 27
- STRESS: 10

**Yearling Bull Off Test Data**

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- % In Bred: 11.02
- Gen Coef: 9.97
- Birth Wt: 78
- Adj 205 Day Wt: 564
- Ratio: 113

**Adjusted 365 Day ADG**

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1010</td>
<td>101</td>
<td>47.10</td>
<td>32.4</td>
</tr>
</tbody>
</table>

- Another Quon son out of a Barron daughter, Boron has the second highest REA/CWT of 1.41. His dam 9499 has a weaning ratio of 107 on six calves.

### Ariton of Wye UMF 10606

Calved: 02/25/14  •  Tattoo: 10606  •  Reg: 18028162  •  Yearling Bull

<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>
</tr>
</thead>
<tbody>
<tr>
<td>- .5</td>
<td>.34</td>
<td>+12</td>
<td>.23</td>
<td>+15</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>41.34</td>
<td></td>
<td></td>
<td>3/111</td>
<td></td>
</tr>
</tbody>
</table>

**SCAN DATA**

- REA: 11.90
- REA/CWT: 1.22
- RES: 0.52
- IMF: 4.39
- BF: 0.48
- TENDER: 26
- STRESS: 10

**Yearling Bull Off Test Data**

<table>
<thead>
<tr>
<th>BIRTH</th>
<th>WEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- % In Bred: 10.88
- Gen Coef: 8.95
- Birth Wt: 78
- Adj 205 Day Wt: 529
- Ratio: 106

**Adjusted 365 Day ADG**

<table>
<thead>
<tr>
<th>Wt</th>
<th>Ratio</th>
<th>Hip Ht</th>
<th>Scr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101</td>
<td>101</td>
<td>47.00</td>
<td>33.0</td>
</tr>
</tbody>
</table>

- Ariton has a consistent weaning ratio of 106 and a yearling ratio of 101. His dam, 9587 is our best Qazil daughter with a weaning ratio of 111 on three calves.
Bardillo of Wye UMF 10622

Calved: 03/02/14  Tattoo: 10622  Reg: 18028163  Yearling Bull

- The Brassard calves will impress you with their frame and growth. Bardillo tied for first with an ADG of 4.1 and is the heaviest bull selling with yearling weight of 1222 pounds.
- Wye will retain 1/3 breeding interest.

Bobett of Wye UMF 10629

Calved: 03/07/14  Tattoo: 10629  Reg: 18028164  Yearling Bull

- A Brassard son, which combines a birth weight of 76 pounds to go along with a yearling weight of 1045 pounds with an ADG of 3.7. Bobett is out of a moderately framed Lyndon daughter.

Lewiston of Wye UMF 10654

Calved: 03/03/14  Tattoo: 10654  Reg: 18028167  Yearling Bull

- Lewiston is a Brassard son out of a Franchester daughter. He has an impressive weaning ratio of 110 and a yearling ratio of 106 to go along with an ADG of 3.4.
<table>
<thead>
<tr>
<th>Registration Name</th>
<th>Registration Number</th>
<th>Birth Acc</th>
<th>Wean Acc</th>
<th>Milk Acc</th>
<th>Year Acc</th>
<th>$EN</th>
<th>% IMF</th>
<th>Rib Eye</th>
<th>Rib Fat</th>
<th>Semen Certificate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aiken of Wye UMF 9464</td>
<td>15925959</td>
<td>-1.4</td>
<td>9</td>
<td>8</td>
<td>5</td>
<td>57.00</td>
<td>4.90</td>
<td>11.00</td>
<td>0.39</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Favour of Wye</td>
<td>Dam's Sire: Bear of Wye UMF 6591</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alap of Wye UMF 8329</td>
<td>13641146</td>
<td>-2.0</td>
<td>19</td>
<td>17</td>
<td>17</td>
<td>44.40</td>
<td>6.33</td>
<td>13.30</td>
<td>0.51</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Manning of Wye</td>
<td>Dam's Sire: Bear of Wye UMF 6591</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aristocrat of Wye UMF 9344</td>
<td>15600085</td>
<td>-3.0</td>
<td>8</td>
<td>13</td>
<td>11</td>
<td>52.11</td>
<td>4.17</td>
<td>11.90</td>
<td>0.37</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Fabron of Wye</td>
<td>Dam's Sire: Bear of Wye UMF 6591</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balgain of Wye UMF 10405</td>
<td>17606174</td>
<td>-1.2</td>
<td>23</td>
<td>13</td>
<td>41</td>
<td>30.76</td>
<td>4.70</td>
<td>13.90</td>
<td>0.40</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Bear of Wye UMF 6591</td>
<td>Dam's Sire: Forester of Wye UMF 9604</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bangle of Wye UMF 9480</td>
<td>15925961</td>
<td>0.9</td>
<td>10</td>
<td>-5</td>
<td>22</td>
<td>64.47</td>
<td>6.12</td>
<td>13.40</td>
<td>0.47</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Franchester of Wye</td>
<td>Dam's Sire: Columbus of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barnabas of Wye UMF 9281</td>
<td>15600071</td>
<td>0.1</td>
<td>11</td>
<td>3</td>
<td>25</td>
<td>53.75</td>
<td>5.17</td>
<td>13.20</td>
<td>0.39</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Butler of Wye</td>
<td>Dam's Sire: Columbus of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brassard of Wye UMF 9936</td>
<td>16813981</td>
<td>1.2</td>
<td>21</td>
<td>8</td>
<td>35</td>
<td>40.43</td>
<td>5.64</td>
<td>14.50</td>
<td>0.62</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Forceful of Wye</td>
<td>Dam's Sire: Gazall of Wye UMF 9271</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Briar of Wye UMF 9024</td>
<td>14794521</td>
<td>2.6</td>
<td>17</td>
<td>18</td>
<td>31</td>
<td>29.33</td>
<td>5.56</td>
<td>14.50</td>
<td>0.62</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Fahren of Wye UMF 5830</td>
<td>Dam's Sire: Fargo of Wye UMF 5813</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brick of Wye UMF 10367</td>
<td>17606162</td>
<td>-0.3</td>
<td>13</td>
<td>8</td>
<td>21</td>
<td>48.38</td>
<td>6.12</td>
<td>13.40</td>
<td>0.41</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Baldric of Wye UMF 10099</td>
<td>Dam's Sire: Faxon of Wye UMF 8819</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bridge of Wye UMF 9158</td>
<td>15141484</td>
<td>0.3</td>
<td>15</td>
<td>4</td>
<td>13</td>
<td>57.67</td>
<td>3.83</td>
<td>13.30</td>
<td>0.49</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Butler of Wye</td>
<td>Dam's Sire: Boyd of Wye UMF 8059</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brins of Wye UMF 9635</td>
<td>16243300</td>
<td>1.9</td>
<td>12</td>
<td>1</td>
<td>15</td>
<td>62.69</td>
<td>6.27</td>
<td>12.95</td>
<td>0.38</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Favour of Wye</td>
<td>Dam's Sire: Alap of Wye UMF 8329</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cedric of Wye UMF 8998</td>
<td>14794513</td>
<td>0.6</td>
<td>18</td>
<td>14</td>
<td>26</td>
<td>39.91</td>
<td>6.09</td>
<td>13.37</td>
<td>0.51</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Andelot of Wye UMF 5907</td>
<td>Dam's Sire: Churchill of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clarkson of Wye UMF 9166</td>
<td>15141486</td>
<td>2.9</td>
<td>15</td>
<td>7</td>
<td>14</td>
<td>61.65</td>
<td>5.01</td>
<td>13.12</td>
<td>0.51</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Favour of Wye</td>
<td>Dam's Sire: Leonid of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faxon of Wye UMF 8819</td>
<td>14511922</td>
<td>1.1</td>
<td>32</td>
<td>7</td>
<td>52</td>
<td>37.09</td>
<td>7.74</td>
<td>16.03</td>
<td>0.39</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Aver of Wye UMF 8202</td>
<td>Dam's Sire: Carter of Wye UMF 8138</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forester of Wye UMF 9604</td>
<td>16431555</td>
<td>-0.3</td>
<td>25</td>
<td>15</td>
<td>31</td>
<td>32.35</td>
<td>4.81</td>
<td>13.80</td>
<td>0.46</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Alap of Wye UMF 8329</td>
<td>Dam's Sire: Favour of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lander of Wye UMF 10387</td>
<td>17609588</td>
<td>0.3</td>
<td>18</td>
<td>9</td>
<td>18</td>
<td>49.23</td>
<td>3.84</td>
<td>12.60</td>
<td>0.52</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Churchill of Wye</td>
<td>Dam's Sire: Alap of Wye UMF 8329</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logan of Wye UMF 6692</td>
<td>11413693</td>
<td>0.2</td>
<td>26</td>
<td>22</td>
<td>40</td>
<td>22.53</td>
<td>15.13</td>
<td>0.19</td>
<td>$20</td>
<td>$30</td>
<td></td>
</tr>
<tr>
<td>Sire: Fargo of Wye UMF 5813</td>
<td>Dam's Sire: Leonid of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lorton of Wye UMF 9055</td>
<td>14794526</td>
<td>1.7</td>
<td>35</td>
<td>13</td>
<td>54</td>
<td>29.90</td>
<td>4.00</td>
<td>12.34</td>
<td>0.48</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Friars of Wye UMF 7996</td>
<td>Dam's Sire: Buchwald of Wye UMF 6029</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qevin of Wye UMF 9781</td>
<td>16409715</td>
<td>-1.1</td>
<td>-13</td>
<td>3</td>
<td>-27</td>
<td>78.24</td>
<td>4.85</td>
<td>12.60</td>
<td>0.37</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Elimest of Ballindalloch</td>
<td>Red Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quon of Wye UMF 10033</td>
<td>16813965</td>
<td>-0.4</td>
<td>5</td>
<td>13</td>
<td>4</td>
<td>49.37</td>
<td>5.15</td>
<td>11.30</td>
<td>0.46</td>
<td>$20</td>
<td>$30</td>
</tr>
<tr>
<td>Sire: Cedric of Wye UMF 8998</td>
<td>Dam's Sire: Bonanza of Wye</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Embryo Transplant  # Pathfinder
Beef Image Analysis (BIA) Ultrasound

Wye - Ultrasound Bulls - February 9, 2015

<table>
<thead>
<tr>
<th>Lot #</th>
<th>Tag</th>
<th>WT</th>
<th>REA</th>
<th>REA/CWT</th>
<th>RES</th>
<th>IMF</th>
<th>BF</th>
<th>Tender</th>
<th>Stress</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>10505</td>
<td>976</td>
<td>11.94</td>
<td>1.22</td>
<td>.43</td>
<td>4.20</td>
<td>126</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>15</td>
<td>10507</td>
<td>1030</td>
<td>12.41</td>
<td>1.20</td>
<td>.45</td>
<td>4.52</td>
<td>126</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>16</td>
<td>10508</td>
<td>1070</td>
<td>13.86</td>
<td>1.30</td>
<td>.47</td>
<td>4.13</td>
<td>126</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>17</td>
<td>10512</td>
<td>924</td>
<td>10.09</td>
<td>1.09</td>
<td>.39</td>
<td>3.76</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>10515</td>
<td>1005</td>
<td>12.50</td>
<td>1.24</td>
<td>.45</td>
<td>4.26</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>10516</td>
<td>1040</td>
<td>12.15</td>
<td>1.17</td>
<td>.47</td>
<td>4.16</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>10518</td>
<td>936</td>
<td>12.12</td>
<td>1.29</td>
<td>.51</td>
<td>4.27</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>10522</td>
<td>1030</td>
<td>13.20</td>
<td>1.28</td>
<td>.46</td>
<td>3.71</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>10523</td>
<td>1000</td>
<td>13.08</td>
<td>1.31</td>
<td>.52</td>
<td>3.95</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>10529</td>
<td>922</td>
<td>10.74</td>
<td>1.16</td>
<td>.41</td>
<td>3.66</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>10531</td>
<td>1155</td>
<td>13.98</td>
<td>1.21</td>
<td>.48</td>
<td>4.15</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>10532</td>
<td>1035</td>
<td>12.29</td>
<td>1.19</td>
<td>.51</td>
<td>4.56</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>10537</td>
<td>1175</td>
<td>13.80</td>
<td>1.17</td>
<td>.48</td>
<td>5.54</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>10538</td>
<td>1065</td>
<td>12.30</td>
<td>1.15</td>
<td>.52</td>
<td>4.80</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>10539</td>
<td>1005</td>
<td>11.97</td>
<td>1.19</td>
<td>.54</td>
<td>4.98</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>10553</td>
<td>996</td>
<td>12.30</td>
<td>1.23</td>
<td>.45</td>
<td>5.17</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>10554</td>
<td>982</td>
<td>13.44</td>
<td>1.37</td>
<td>.52</td>
<td>3.96</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>10555</td>
<td>958</td>
<td>11.54</td>
<td>1.20</td>
<td>.41</td>
<td>4.06</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>10560</td>
<td>1205</td>
<td>13.49</td>
<td>1.12</td>
<td>.54</td>
<td>3.94</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>10563</td>
<td>1000</td>
<td>14.56</td>
<td>1.46</td>
<td>.51</td>
<td>4.11</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>10564</td>
<td>1065</td>
<td>13.66</td>
<td>1.28</td>
<td>.56</td>
<td>4.37</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>10575</td>
<td>1125</td>
<td>13.90</td>
<td>1.24</td>
<td>.59</td>
<td>4.56</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>10580</td>
<td>992</td>
<td>13.85</td>
<td>1.40</td>
<td>.49</td>
<td>4.30</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>10584</td>
<td>924</td>
<td>11.79</td>
<td>1.28</td>
<td>.45</td>
<td>3.59</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>10593</td>
<td>996</td>
<td>11.93</td>
<td>1.20</td>
<td>.53</td>
<td>5.68</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>10597</td>
<td>980</td>
<td>13.83</td>
<td>1.41</td>
<td>.49</td>
<td>3.84</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>10606</td>
<td>974</td>
<td>11.90</td>
<td>1.22</td>
<td>.52</td>
<td>4.39</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>10622</td>
<td>1165</td>
<td>12.15</td>
<td>1.04</td>
<td>.55</td>
<td>3.94</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>10629</td>
<td>976</td>
<td>10.18</td>
<td>1.04</td>
<td>.52</td>
<td>4.49</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>10654</td>
<td>934</td>
<td>11.80</td>
<td>1.26</td>
<td>.48</td>
<td>3.85</td>
<td>25</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

RE/A/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

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.

**Code Explanation:**

**RES** = Ribeye Shape Score. Indicative of desired shape of the ribeye muscle. Correlated to eventual Yield Grade, Cutablety, 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 2.0 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.

**Relation of %IMF to USDA Quality Grade**

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

**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)
GPS Address:
2016 Carmichael Road
Queenstown, MD 21658

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

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).

It is the policy of the University of Maryland, Agricultural Experiment Station and Maryland Cooperative Extension that no person shall be subjected to discrimination on the grounds of race, color, gender, religion, national origin, sexual orientation, age, marital or parental status or disability.