



UNIVERSITY OF  
MARYLAND

University of Maryland at College Park  
College of Agriculture and Natural Resources  
Agriculture Experiment Station

**SATURDAY**  
**APRIL 6TH, 2019**  
**12:00 PM EST**

Wye Research and Education Center  
Queenstown, MD



41ST ANNUAL

**WYE**  
**ANGUS**  
**SALE**

**SELLING:**

- 5 COW/CALF PAIRS
- 3 BULL ET PREGNANCIES
- 7 HEIFER ET PREGNANCIES
- 23 YEARLING BULLS



WYE Angus • Eddie Draper • 410-827-6016 • 410-310-9286 evenings  
410-827-7821 fax • edraper@umd.edu • go.umd.edu/wyeangus

# 2017 GRAINFED STEER CARCASS DATA

**1039**

Weaning Weight	Yearling Weight	Live Weight	HCW	Dress %	BF	REA	KPH %	Yield Grade	Quality Grade	Age
559	976	1110	672	60.5	.55	10.9	2.5	3.4	CH+	15 months

**CAEL OF WYE UMF 9933 X 10761 (BUARRY)**

**CALVED: 02/09/17**



**1067**

Weaning Weight	Yearling Weight	Live Weight	HCW	Dress %	BF	REA	KPH %	Yield Grade	Quality Grade	Age
453	893	1145	683	59.7	.60	10.3	2.5	3.8	CH+	15 months

**BUARRY OF WYE UMF 10093 X 10050 (BRINS)**

**CALVED: 02/19/17**



**1010**

Weaning Weight	Yearling Weight	Live Weight	HCW	Dress %	BF	REA	KPH %	Yield Grade	Quality Grade	Age
350	801	1120	659	58.8	.70	10.1	2.5	4.0	CH	15 months

**CEDRIC OF WYE UMF 8998 X 10339 (BANGLE)**

**CALVED: 02/02/17**



**1127**

Weaning Weight	Yearling Weight	Live Weight	HCW	Dress %	BF	REA	KPH %	Yield Grade	Quality Grade	Age
447	934	1115	682	61.2	.70	10.3	2.5	4.0	CH-	14 months

**LARKSPUR OF WYE UMF 10530 X 10131 (GEORGE)**

**CALVED: 03/28/17**



“The Wye Angus Beef Program has worked extremely well in the University of Maryland dining rooms. Students ask for Wye Angus Beef and line up when it is served. From Burgers to Prime Rib the beef has great flavor, tender and the quality that can’t be compared.”

John T. Gray  
Sr. Executive Chef  
University of Maryland  
Dining Services



SATURDAY APRIL 6TH, 2019 12:00 PM EST  
**41ST ANNUAL WYE ANGUS SALE**

**Selling:** • 5 Cow/Calf Pairs  
• 3 Bull ET Pregnancies  
• 7 Heifer ET Pregnancies  
• 23 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:** go.umd.edu/wyeangus

**PRE-SALE HOSPITALITY:**

Hors d'oeuvres at the barn Friday, April 5th, 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 their 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 \$1.75/\$100 for a 30 day term.

**HOTELS:**

**Quality 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 \$89.00

**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 8, 2019

**TELEAUCTION**

Phone: (888) 259-0463

Participant Passcode: 48910183 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: 48910183 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 or Mariah Miller (712) 294-4731.



# WELCOME

## WYE RESEARCH AND EDUCATION CENTER APPRECIATES THE CONTINUED SUPPORT IT RECEIVES FROM THESE HONORED GUESTS:

Mrs. Arthur A. Houghton, Jr.

Dr. Craig Beyrouthy  
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 41ST ANNUAL SALE AT WYE ANGUS.

Included in this sale offering will be 5 cow/calf pairs, 10 ET pregnancies and 23 yearling bulls. We have selected five cows sired by Bear of Wye UMF 6591, Forceful of Wye, Buarry of Wye UMF 10093 and Brassard of Wye UMF 9936.

The ET pregnancies include five heifer and one bull embryo sired by Palladium of Wye out of our Prince of Malpas daughter Blackbird of Wye UMF 10121. Two heifer and two bull embryo's sired by Laveron of Wye out of our Palladium of Wye daughter Pride of Wye UMF 10125. Both Blackbird of Wye UMF 10121 and Pride of Wye UMF 10125 are pathfinders and come from the heart of our breeding program.

The 23 yearling bulls are of moderate frame, good on their feet and legs and carry plenty of thickness. We will be retaining a one-third breeding interest on a few of the yearling bulls, which we will note in the catalog.

Looking forward to seeing you on Saturday, April 6, 2019.

Edward C. Draper  
Program Manager

Kevin W. Morgan  
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 fourth year as dean. I am excited and honored to invite you to the 41st Annual Wye Angus sale scheduled for Saturday, April 6, 2019 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 five cow/calf pairs, 10 ET Pregnancies and 23 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 6.

Sincerely,



Craig Beyrouthy  
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 ANGUS—THE EARLY YEARS

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 nine families left here at Wye. These family names include Lullaby Lottie, Pride of Aberdeen, Queen Mother, Alexina, Ballindalach Blackbird, 2<sup>nd</sup> Br. 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 Clova of Wye UMF 10365). 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

We have had some interesting programs and videos that we hosted at Wye Angus in 2018. Maryland Public Television did a feature on our sale that aired in November on their “Farm to Harvest” program. You can watch the segment on our website under the tagline “Newsletters/Articles and Research”. Racheal Slatterly, our Beef and Dairy Specialist in the Department of Animal Sciences put on two programs at the farm this fall.

Wye Angus began supplying grain fed and grass fed beef to the University of Maryland Dining Services.

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-grained 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.

## ANNUAL SALE

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

# COW/CALF PAIRS

LOT  
**1**

## CLOVA OF WYE UMF 10365

CALVED: 01/28/13 ♦ TATTOO: 10365 ♦ REG: 17540484

Bear of Wye Umf 6591

Lambdin of Wye Umf 6278

Blackbird of Wye Umf 6324 #

Lyndon of Wye UMF 9458

CLova of Wye UMF 10173

Clova of Wye UMF 9735

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Addison of Wye Umf 5853

Lottie of Wye Umf 5868

Lyons of Wye Umf 5877

Blackbird of Wye Umf 5841

Alap of Wye UMF 8329

Lottie of Wye UMF 8842

Fez of Wye UMF 9296

Clova of Wye UMF 9352

10748955

11060743

10762582

**11384275**

10749718

11060784

10748951

13641146

15925954

14386273

**17051403**

15647877

16111134

15338722



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Wean Ratio	Yearling Ratio
-3.1	+4	+17	-2	+39.76	111/4	105/4

A pathfinder daughter of Bear of Wye UMF 6591, Clova of Wye UMF 10365 has a BW ratio of 99, WR of 111 and a YR of 105 on her four progeny. Her 2019 calf is sired by Claws of Wye UMF 10825.

LOT  
**2**

## QUEEN MOTHER OF WYE UMF 10369

CALVED: 01/28/13 ♦ TATTOO: 10369 ♦ REG: 17606164

Forceful of Wye

Valour of Ardrass

Fairlie of Wye

Fahren of Wye Umf 5830

Queen Mother of Wye UMF 8376

Queen Mother of Wye 7829 #+

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Prince Paul of Barnoldby

Vacuna of Calehill

Fendell of Wye

Felicia of Wye

Fenland of Wye

Florelle of Wye Umf 5229 #

Bartor of Wye Umf 5609

Queen Mother of Wye Umf 6599 #

AACAS 142220B

2632813

AACAS 142834C

**8792721**

3523842

5615965

2243302

8179863

10762574

10319366

**13560330**

10635399

12752765

11384282



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Wean Ratio	Yearling Ratio
-1.1	+8	+20	+6	+32.66	112/3	101/1

Queen Mother of Wye UMF 10369 is a Forceful of Wye daughter out of the best Fahren of Wye UMF 5830 daughter we ever produced. We sold a son sired by Larkspur of Wye UMF 11530 in our 2017 sale and retain a daughter sired by Carpus of Wye UMF 10684. Her 2019 calf is sired by Central of Wye UMF 11035.

LOT  
**3**

## BLACKBIRD OF WYE UMF 10471

CALVED: 03/07/13 ♦ TATTOO: 10471 ♦ REG: 17540523

Buarry of Wye UMF 10093 +

George of Swiftbrook

Blackbird of Wye UMF 8988 +

Prince of Malpas

Blackbird of Wye UMF 10121 #+

Blackbird of Wye UMF 8988 +

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Prince Paul of Barnoldby

Gippy of Kilmullen

Columbus of Wye

Blackbird of Wye Umf 7270 #

Jumor Eric of Southburn

Pride of Malvita

Columbus of Wye

Blackbird of Wye Umf 7270 #

AACAS 142220B

2653264

AACAS 159302C

**17051424**

3512891

14670680

12107852

AACAS 145312B

2776941

AACAS 158136C

**17051378**

3512891

14670680

12107852



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Wean Ratio	Yearling Ratio
-1.9	+3	+13	-4	+45.55	101/4	101/4

The result of a maternal half sib mating, Blackbird of Wye UMF 10471 has a unique pedigree in that her paternal grand sire, George of Swiftbrook and her maternal grand sire, Prince of Malpas, were instrumental in the early years at Wye. We have sold her son, sired by Larkspur of Wye UMF 10530 and retain a daughter sired by Carpus of Wye UMF 10684. She sells with a heifer calf sired by Claws of Wye UMF 10825, born 02/18/19.

# COW/CALF PAIRS

**LOT  
4**

## QUEEN MOTHER OF WYE UMF 10581 CALVED: 02/18/14 ♦ TATTOO: 10581 ♦ REG: 17876559

Forceful of Wye  
**Brassard of Wye UMF 9936**

Blackbird of Wye UMF 9660

Faxton of Wye UMF 8819

**Queen Mother of Wye UMF 9775**

Queen Mother of Wye UMF 9141

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Valour of Ardrass	2632813
Fairlie of Wye	8792721
	5615965
	<b>16813981</b>
Qazil of Wye UMF 9271	15600069
	16111108
Blackbird of Wye UMF 9152	15037939
Aver of Wye UMF 8202	13284835
	14511922
Florelle of Wye UMF 8466 #	13825620
	<b>16405952</b>
Bonanza of Wye #	4792475
	15083606
Queen Mother of Wye 7829 #+	12752765



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Wean Ratio	Yearling Ratio
-1.2	+12	+14	+20	+34.52	103/2	104/2

Queen Mother of Wye UMF 10581 is a sound functional daughter of Brassard of Wye UMF 9936. 10581 traces two generations back on the bottom side to an outstanding Bonanza of wye daughter 9141. We have retained both of 10581's daughters sired by Leodore of Wye UMF 10536 and Carpus of Wye UMF 10684. She sells with a heifer calf sired by Larkspur of Wye UMF 10530, born 02/17/19.

**LOT  
5**

## CLOVA OF WYE UMF 10641 CALVED: 03/14/14 ♦ TATTOO: 10641 ♦ REG: 17876591

Forceful of Wye  
**Brassard of Wye UMF 9936**

Blackbird of Wye UMF 9660

Burkley of Wye UMF 9164

**Clova of Wye UMF 9532**

Clova of Wye UMF 8759 #

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Valour of Ardrass	2632813
Fairlie of Wye	8792721
	5615965
	<b>16813981</b>
Qazil of Wye UMF 9271	15600069
	16111108
Blackbird of Wye UMF 9152	15037939
Bonanza of Wye #	4792475
	15141485
Blackbird of Wye UMF 8503 #	13825639
	<b>15886526</b>
Codova of Wye UMF 8332	13560291
	14094554
Clova of Wye UMF 8134	13284718



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Wean Ratio	Yearling Ratio
+2.2	+17	+10	+28	+36.38	103/2	103/2

Clova of Wye UMF 10641 is the second Brassard of Wye UMF 9936 daughter to sell. We have retained a daughter sired by Leodore of Wye UMF 10536 and sold her son sired by Carpus of Wye UMF 10684. 10641 traces back to a highly productive Codova daughter 8759. She sells with a heifer calf sired by Leodore of Wye UMF 10536, born 02/22/19.



# ET PREGNANCIES



**PALLADIUM OF WYE**



**BLACKBIRD OF WYE UMF 10121**

Blackbird of Wye UMF 10121 has a WR of 104 and a YR of 103 on six calves, which qualifies her as a pathfinder. 10121 is the dam of Barrage of Wye UMF 10869 who sold in our 2017 sale and Breck of Wye UMF 11029 who sold in our 2018 sale. We have retained one daughter sired by Quincuius of Wye UMF 9948, and her daughter sired by Buarry of Wye UMF 10093 sells as Lot 3.

Palladium of Wye sires straight-topped, good uddered females as evidence by the picture below of Pride of Wye UMF 10125.



**LAVERON OF WYE**



**PRIDE OF WYE UMF 10125**

Pride of Wye UMF 10125 is a pathfinder daughter of Palladium of Wye. 10125 has a WR of 112 and a YR of 109 on six calves. We have sold two of her sons and retained three of her daughters. Laveron of Wye is a son of Favour of Wye and his maternal lineage of Loanda of Wye, Loania of Wye and Luria of Wye would stack this pedigree with three of the more productive cows in Wye's history.

LOT 6	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10004 Cedric X 8503 (MGS Aver)
LOT 7	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10598 Brassard X 10014 (MGS Briar)
LOT 8	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10909 Lander X 10382 (MGS Banquo)
LOT 9	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10965 Lander X 9312 (MGS Franchester)
LOT 10	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 11019 Baradine X 8996 (MGS Carter)
LOT 11	<b>MALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10891 Brick X 10459 (MGS Brassard)

Palladium of Wye	Francis of Wye	2677295
	Conan of Wye #	4020208
	Clarice of Wye	2157923
	Cavour of Wye	<b>8792762</b>
	Persevera of Wye	6026144
	Pavlova of Wye	6779503
		5615991
	Jumor Eric of Southburn	AACAS 145312B
	Prince of Malpas	2776941
	Pride of Malvita	AACAS 158136C
<b>Blackbird of Wye UMF 10121 #+</b>		<b>17051378</b>
	Columbus of Wye	3512891
	Blackbird of Wye UMF 8988 +	14670680
	Blackbird of Wye UMF 7270 #	12107852

LOT 12	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10674 Churchill X 9634 (MGS Barnabas)
LOT 13	<b>FEMALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10980 Boyd X 10785 (MGS Aledo)
LOT 14	<b>MALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 10769 Aledo X 10062 (MGS Lorre)
LOT 15	<b>MALE PREGNANCY DUE SEPT 2019</b>
	RECIP: 11037 Carpus X 10595 (MGS Brassard)

Laveron of Wye	Lodge of Wye	4020202
	Favour of Wye	6418161
	Florilla of Wye	4020194
	Pastor of Wye	<b>9255693</b>
	Loanda of Wye	6418155
	Loania of Wye	7226501
		6418011
	Conan of Wye #	4020208
	Palladium of Wye	8792762
	Persevera of Wye	6779503
<b>Pride of Wye UMF 10125 #</b>		<b>17051380</b>
	Aristocrat of Wye UMF 9344	15600885
	Pride of Wye UMF 9673 #	16111115
	Pride of Wye UMF 9209	15037960



# YEARLING BULLS

LOT  
**16**

## LEGUS OF WYE UMF 11141

CALVED: 01/24/18 ♦ TATTOO: 11141 ♦ REG: 19237422

Fargo of Wye Umf 5813 #  
**Logan of Wye Umf 6692**

Lottie of Wye Umf 5220 #

Brenton of Wye UMF 10171

**Lottie of Wye UMF 10837**

Lottie of Wye UMF 9078 #

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Landrover of Wye Umf 5234 10319331  
10748957  
8986163  
**11413693**  
9899946  
10319360  
9003299  
  
Cedric of Wye UMF 8998 14794513  
17051450  
14670680  
**18476318**  
13641146  
14662692  
Lottie of Wye UMF 8303 \* 13560269



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-1.4	+15	+21	+19	+25.51	97/1	64	481	97	1028	100	47.0	32.0	3.5	960	11.74	1.22	0.47	3.98	0.29	25	10

Legus of Wye UMF 11141 is a Logan of Wye UMF 6692 son out of a good young Brenton of Wye UMF 10171 daughter. Legus's maternal grand-dam, 9078 is a 15 year old Alap of Wye UMF 8329 daughter.

LOT  
**17**

## CORBIC OF WYE UMF 11142

CALVED: 01/25/18 ♦ TATTOO: 11142 ♦ REG: 19237423

Fargo of Wye Umf 5813 #  
**Logan of Wye Umf 6692**

Lottie of Wye Umf 5220 #

Lodi of Wye UMF 10318

**Clova of Wye UMF 10840**

Clova of Wye UMF 10128

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Landrover of Wye Umf 5234 10319331  
10748957  
8986163  
**11413693**  
9899946  
10319360  
9003299  
  
Bangle of Wye UMF 9480 15925961  
17420064  
16111099  
**18476319**  
16431555  
17051381  
15083607  
Forester of Wye UMF 9604 +  
Clova of Wye UMF 9176



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-2	+17	+17	+27	+27.53	94/1	70	468	94	1012	98	49.0	33.5	3.7	940	13.11	1.39	0.54	4.33	0.32	25	10

The second son of Logan of Wye UMF 6692 to sell, Corbic of Wye UMF 11142 is out a first calf heifer and traces back to one of our best Leonid of Wye daughters 6767, on the bottom side of his pedigree.

LOT  
**18**

## BURMAN OF WYE UMF 11143

CALVED: 01/25/18 ♦ TATTOO: 11143 ♦ REG: 19237424

Churchill of Wye  
**Leelo of Wye UMF 10689 +\***

Lottie of Wye UMF 9634

Larkspur of Wye UMF 10530

**Blackbird of Wye UMF 10941**

Blackbird of Wye UMF 10263

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Lodge of Wye 4020202  
6026113  
1559908  
**18255260**  
15600071  
16111099  
15338715  
  
Cyrus of Wye 4020204  
18030544  
14662692  
**18476359**  
16813984  
17257852  
16814813  
Bartles of Wye UMF 9951  
Blackbird of Wye UMF 10073



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-.1	+15	+11	+12	+40.95	98/1	68	486	98	971	94	47.0	35.5	3.1	904	12.01	1.33	0.54	3.58	0.41	28	10

A moderate framed, thick son of Leelo of Wye UMF 10689, Burman of Wye UMF 11143 is out of a Larkspur of Wye UMF 10530 daughter and has an impressive Cow Energy value of +40.95.

# YEARLING BULLS

LOT  
**19**

## CORMAC OF WYE UMF 11146

CALVED: 01/26/18 ♦ TATTOO: 11146 ♦ REG: 19266996

Churchill of Wye  
Leelo of Wye UMF 10689 +\*

Lottie of Wye UMF 9634

Quintes of Wye UMF 10502 +

Clova of Wye UMF 10836 +

Clova of Wye UMF 8996

Lodge of Wye 4020202  
6026113  
1559908  
**18255260**  
Barnabas of Wye UMF 9281 15600071  
Lottie of Wye UMF 9329 16111099  
15338715  
Cyrus of Wye 4020204  
17782881  
Queen Mother of Wye UMF 9141 15083606  
**18476317**  
Carter of Wye UMF 8138 13284722  
14662658  
Clova of Wye UMF 8176 13357912



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+1.5	+16	+13	+14	+37.71	108/1	74	535	108	1068	104	48.0	33.5	3.4	1000	13.06	1.31	0.43	4.21	0.39	25	10

Cormac of Wye UMF 11146 has a solid WR of 108 and YR of 104 and is out of a first calf heifer, 10836, who is a full sister to a bull we have kept, Claws of Wye UMF 10825.

LOT  
**20**

## BANDIER OF WYE UMF 11151

CALVED: 01/28/18 ♦ TATTOO: 11151 ♦ REG: 19237425

Vindicator of Milford  
Boyd of Wye UMF 8059

Blackbird of Wye UMF 6816 #

Balgain of Wye UMF 10405

Blackbird of Wye UMF 10851

Blackbird of Wye UMF 10253 +

Gedmon of Kinermomy AACAS 132212B  
2864524  
Milford Vine 259 AACAS 148142C  
**13075280**  
Fargo of Wye UMF 5813 # 10748957  
11552938  
Bayette of Wye # 9255712  
Bear of Wye UMF 6591 11384275  
17606174  
Blackbird of Wye UMF 10132 17051384  
**18476324**  
Lodge of Wye 4020202  
17258757  
Blackbird of Wye UMF 9025 # 14662669



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-1.3	+10	+16	+10	+35.50	101/1	70	499	101	1029	100	48.2	33.0	3.5	956	14.05	1.47	0.57	4.26	0.24	26	10

Bandier of Wye UMF 11151 is an ideal heifer bull out of a Balgain of Wye UMF 10405 daughter. Three generations back is an outstanding Alap of Wye UMF 8329 daughter, 9025.

LOT  
**21**

## CARTLAND OF WYE UMF 11154

CALVED: 01/30/18 ♦ TATTOO: 11154 ♦ REG: 19237426

Favour of Wye  
Laveron of Wye

Loanda of Wye

Bear of Wye UMF 6591

Clova of Wye UMF 10696 +

Clova of Wye UMF 8996

Lodge of Wye 4020202  
6418161  
Florilla of Wye 4020194  
**9255693**  
Pastor of Wye 6418155  
7226501  
Loania of Wye 6418011  
Lambdin of Wye UMF 6278 11060743  
11384275  
Blackbird of Wye UMF 6324 # 11060784  
**18150313**  
Carter of Wye UMF 8138 13284722  
14662658  
Clova of Wye UMF 8176 13357912



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-3	+6	+10	+4	+45.65	103/2	74	495	100	1044	101	49.5	34.0	3.5	1000	11.98	1.20	0.57	4.29	0.39	25	10

Frame and growth would describe Cartland of Wye UMF 11154. Sired by Laveron of Wye. Cartland is out of a productive Bear of Wye UMF 6591 daughter. Wye will retain 1/3 breeding interest.

# YEARLING BULLS

LOT  
**22**

## MURTON OF WYE UMF 11155

CALVED: 01/30/18 ♦ TATTOO: 11155 ♦ REG: 19339096

Columbus of Wye

Fabron of Wye

Foremost of Wye

1835608

Matilda G of Wye

2467117

Gaird of Dalmeny

1273119

**3512891**

Clara Jean of Wye

973596

1559908

804939

Colleen of Wye

Briar of Wye UMF 9024

Fahren of Wye Umf 5830

10762574

14794521

Blackbird of Wye Umf 7270 #

12107852

**16837221**

Bolger of Wye UMF 8516

13925354

15037959

Madge of Wye UMF 9208

Madge of Wye UMF 8125

14589571



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+3	+5	+9	+5	+46.74	108/8	76	454	93	915	100	49.2	32.4	3.3	910	10.55	1.16	0.44	4.11	0.38	27	10

Murton of Wye UMF 11155 is a long and tall son of Columbus of Wye. Murton is out of a pathfinder Briar of Wye UMF 9024 daughter, 9597, with an impressive cow energy value of +46.74.

LOT  
**23**

## LANZI OF WYE UMF 11159

CALVED: 02/02/18 ♦ TATTOO: 11159 ♦ REG: 19237427

Logan of Wye Umf 6692

Fargo of Wye Umf 5813 #

Landrover of Wye Umf 5234

10319331

10748957

Farrah of Wye #

8986163

Leonid of Wye #

**11413693**

9899946

Lottie of Wye Umf 5220 #

10319360

Laika of Wye #

9003299

Barnabas of Wye UMF 9281

Butler of Wye

9701171

15600071

Blackbird of Wye UMF 8988 +

14670680

Cedric of Wye UMF 8998

**16111099**

14794513

Lottie of Wye UMF 9329

Lottie of Wye UMF 9078 #

15338715

14662692



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+3	+22	+23	+35	+18.47	114/3	78	523	108	1113	100	48.5	35.9	4.2	1100	13.91	1.26	0.52	3.55	0.41	26	10

The first son of Lottie of Wye UMF 9634 to sell in this year's sale, Lanzi of Wye UMF 11159 is an extremely thick son of Logan of Wye UMF 6692. 9634, also the dam of Lajos, Leverett, Lodi and Leelo who sold for \$8500 in our 2018 sale. Wye will retain 1/3 breeding interest.

LOT  
**24**

## MANDELLS OF WYE UMF 11160

CALVED: 02/02/18 ♦ TATTOO: 11160 ♦ REG: 19250670

Columbus of Wye

Fabron of Wye

Foremost of Wye

1835608

Matilda G of Wye

2467117

Gaird of Dalmeny

1273119

**3512891**

Clara Jean of Wye

973596

1559908

804939

Colleen of Wye

Briar of Wye UMF 9024

Fahren of Wye Umf 5830

10762574

14794521

Blackbird of Wye Umf 7270 #

12107852

**16837221**

Bolger of Wye UMF 8516

13925354

15037959

Madge of Wye UMF 9208

Madge of Wye UMF 8125

14589571



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+8	+10	+9	+13	+43.65	108/8	78	525	108	942	100	48.0	31.9	2.9	936	13.55	1.45	0.48	4.62	0.39	24	10

Mandells of Wye UMF 11160 is the second son of Columbus of Wye to sell. Mandells has a solid 13.55 REA and the third highest marbling score of 4.62. Wye will retain 1/3 breeding interest.

# YEARLING BULLS

LOT  
**25**

## BINFORD OF WYE UMF 11163

CALVED: 02/05/18 ♦ TATTOO: 11163 ♦ REG: 19237428

Fargo of Wye Umf 5813 #  
Logan of Wye Umf 6692

Lottie of Wye Umf 5220 #

Banquo of Wye

Blackbird of Wye UMF 10382 #

Blackbird of Wye UMF 9787 #

Landrover of Wye Umf 5234  
Farrah of Wye #  
Leonid of Wye #  
Laika of Wye #  
Cyrus of Wye  
Bertina of Wye  
Briar of Wye UMF 9024  
Blackbird of Wye UMF 8503 #

10319331  
10748957  
8986163  
**11413693**  
9899946  
10319360  
9003299  
  
4020204  
8079286  
3108810  
**17540489**  
14794521  
16405957  
13825639



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-4	+13	+23	+21	+22.33	110/4	76	491	99	1019	99	48.5	32.2	3.6	1005	14.91	1.48	0.49	3.23	0.36	27	10

Binford of Wye UMF 11163 has a pedigree stacked with outstanding cows including 5220, 9787 and 10382 who are all pathfinders.

LOT  
**26**

## LANDON OF WYE UMF 11164

CALVED: 02/05/18 ♦ TATTOO: 11164 ♦ REG: 19238896

Lonestar of Wye  
Banjo of Wye Umf 6413

Blackbird of Wye Umf 5362 #

Barnabas of Wye UMF 9281

Lottie of Wye UMF 9634

Lottie of Wye UMF 9329

Corbin of Wye  
Luria of Wye #  
Leonid of Wye #  
Babine of Wye  
Butler of Wye  
Blackbird of Wye UMF 8988 +  
Cedric of Wye UMF 8998  
Lottie of Wye UMF 9078 #

4613484  
7478224  
4020176  
**11216396**  
9899946  
10319253  
9911895  
  
9701171  
15600071  
14670680  
**16111099**  
14794513  
15338715  
14662692



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-9	+16	+16	+21	+33.32	114/3	74	444	91	1022	100	48.2	32.0	3.9	1005	13.16	1.31	0.55	3.46	0.31	27	10

The second son of Lottie of Wye UMF 9634 to sell, Landon of Wye UMF 11164 is a son of Banjo of Wye UMF 6413 with the second highest ADG of 3.9. Wye will retain 1/3 breeding interest.

LOT  
**27**

## QUIGLEY OF WYE UMF 11170

CALVED: 02/05/18 ♦ TATTOO: 11170 ♦ REG: 19237430

Leonid of Wye #  
Claymont of Wye UMF 10834

Clova of Wye UMF 9607 #

Briar of Wye UMF 9024

Queen Mother of Wye UMF 9547 #

Queen Mother of Wye UMF 8959

Perseus of Wye  
Leah of Wye  
Alap of Wye UMF 8329  
Clova of Wye Umf 7547 #  
Fahren of Wye Umf 5830  
Blackbird of Wye Umf 7270 #  
Aver of Wye UMF 8202  
Queen Mother of Wye UMF 8721

9207175  
9899946  
6026220  
**18627227**  
13641146  
16111088  
12313750  
  
10762574  
14794521  
12107852  
**15886533**  
13284835  
14662638  
14094537



# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+1	+19	+18	+30	+25.31	106/6	75	469	97	989	100	49.2	31.0	3.7	972	11.06	1.14	0.56	5.56	0.46	25	10

Quigley of Wye UMF 11170 is the first Claymont of Wye UMF 10834 son to sell who has the highest marbling score of 5.56 and a sold ADG 3.7.

# YEARLING BULLS

LOT  
**28**

## MOCLAS OF WYE UMF 11174

CALVED: 02/05/18 ♦ TATTOO: 11174 ♦ REG: 19250672

Columbus of Wye

Fabron of Wye

Foremost of Wye

1835608

Matilda G of Wye

2467117

Gaird of Dalmeny

1273119

Clara Jean of Wye

**3512891**

973596

1559908

804939

Colleen of Wye

Briar of Wye UMF 9024

Fahren of Wye Umf 5830

10762574

14794521

12107852

Blackbird of Wye Umf 7270 #

**16837221**

13925354

15037959

Bolger of Wye UMF 8516

Madge of Wye UMF 8125

14589571

Madge of Wye UMF 9208

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+1	+5	+9	+5	+46.74	108/8	75	445	100	923	100	48.0	34.0	3.5	908	10.77	1.19	0.56	3.19	0.23	27	10

The last of three Columbus of Wye sons to sell Moclas of Wye UMF 11174 has a solid SC of 34 CM and a Cow Energy value of +46.74.

LOT  
**29**

## QADON OF WYE UMF 11202

CALVED: 02/19/18 ♦ TATTOO: 11202 ♦ REG: 19237433

Leelo of Wye UMF 10689 +\*

Churchill of Wye

Lodge of Wye

4020202

Colleen of Wye

6026113

1559908

Barnabas of Wye UMF 9281

**18255260**

15600071

Lottie of Wye UMF 9634

Lottie of Wye UMF 9329

16111099

15338715

Forceful of Wye

Valour of Ardrass

2632813

8792721

5615965

Fairlie of Wye

**17606167**

10762574

13560330

12752765

Fahren of Wye Umf 5830

Queen Mother of Wye 7829 #+

Queen Mother of Wye UMF 8376

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-5	+11	+13	+8	+40.99	100/3	76	484	98	975	95	48.5	34.6	3.3	940	11.72	1.25	0.48	3.80	0.45	26	10

Qadon of Wye UMF 11202 would be another good choice for a heifer bull. His dam, Queen Mother of Wye UMF 10372 is a moderate framed cow with an excellent udder.

LOT  
**30**

## LASHAM OF WYE UMF 11207

CALVED: 02/21/18 ♦ TATTOO: 11207 ♦ REG: 19237434

Carpus of Wye UMF 10684 +\*

Luthien of Wye #

Fornson of Wye

4792473

Loania of Wye

7903255

6418011

Bartor of Wye Umf 5609

**18303503**

10635399

Copeland of Wye UMF 9753

Copeland of Wye UMF 9544

16405942

15886532

Alap of Wye UMF 8329

Manning of Wye

6428926

13641146

11712753

Alexina of Wye Umf 6968 #

Boyd of Wye Umf 8059

**14662692**

13075280

13560269

11908855

Lottie of Wye UMF 8303 \*

Lottie of Wye Umf 7087 +

# Pathfinder  
+ Embryo Transplant  
\* Parents Qualified



Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+1	+15	+17	+22	+29.66	106/13	78	478	96	1017	99	49.0	35.5	3.5	956	11.68	1.22	0.54	4.14	0.36	25	10

Lasham of Wye UMF 11207 would be Lottie of Wye UMF 9078's sixth bull calf that we have sold. Production and longevity stamp this cow. Sired by Carpus of Wye UMF 10684, Lasham's carcass ultrasound measured in the top one-third for all six traits measured.

LOT  
**31**

## CLAGGER OF WYE UMF 11213

CALVED: 02/22/18 ♦ TATTOO: 11213 ♦ REG: 19237435

Bear of Wye Umf 6591  
**Balgain of Wye UMF 10405**  
 Blackbird of Wye UMF 10132  
 Quincuius of Wye UMF 9948 +  
**Copeland of Wye UMF 10747**  
 Copeland of Wye UMF 9903

Lambdin of Wye Umf 6278 11060743  
 11384275  
 11060784  
**17606174**  
 16431555  
 17051384  
 15037948  
 Elimast of Ballinalloch 2286652  
 16833461  
 12752765  
**18150333**  
 15925954  
 16405997  
 15886525  
 Queen Mother of Wye 7829 #+  
 Lyndon of Wye UMF 9458  
 Copeland of Wye UMF 9531 #



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-1	+18	+17	+27	+28.08	108/2	76	516	104	1060	103	48.0	33.8	3.5	980	12.40	1.27	0.53	4.64	0.31	25	10

Another Balgain of Wye UMF 10405 son who has a 3.5 ADG and measures in the top one-third for all six carcass ultrasound traits. Out of a young Quincuius of Wye UMF 9948 daughter.

LOT  
**32**

## BLECTON OF WYE UMF 11224

CALVED: 02/26/18 ♦ TATTOO: 11224 ♦ REG: 19237436

Luthien of Wye #  
**Carpus of Wye UMF 10684 +\***  
 Copeland of Wye UMF 9753  
 George of Swiftbrook  
**Blackbird of Wye UMF 10131 +**  
 Blackbird of Wye UMF 8988 +

Fornson of Wye 4792473  
 7903255  
 6418011  
**18303503**  
 10635399  
 16405942  
 15886532  
 Prince Paul of Barnoldby AACAS 142220B  
 2653264  
 Gippy of Kilmullen AACAS 159302C  
**17051383**  
 3512891  
 14670680  
 12107852  
 Columbus of Wye  
 Blackbird of Wye Umf 7270 #



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-3	+7	+12	+16	+38.98	92/6	76	454	92	1004	98	48.0	33.2	3.8	956	11.89	1.24	0.51	3.77	0.32	25	10

Blecton of Wye UMF 11224 is a Carpus of Wye UMF 10684 son out of our George of Swiftbook daughter. Blecton has a 3.8 ADG and measures in the top one-third for all six carcass ultrasound traits.

LOT  
**33**

## LARNACK OF WYE UMF 11225

CALVED: 02/26/18 ♦ TATTOO: 11225 ♦ REG: 19237437

Bear of Wye Umf 6591  
**Balgain of Wye UMF 10405**  
 Blackbird of Wye UMF 10132  
 Quincuius of Wye UMF 9948 +  
**Lottie of Wye UMF 10432**  
 Lottie of Wye UMF 9926

Lambdin of Wye Umf 6278 11060743  
 11384275  
 11060784  
**17606174**  
 16431555  
 17051384  
 15037948  
 Elimast of Ballinalloch 2286652  
 16833461  
 12752765  
**17540505**  
 14794513  
 16814820  
 16111077  
 Queen Mother of Wye 7829 #+  
 Cedric of Wye UMF 8998  
 Lottie of Wye UMF 9579



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-7	+10	+18	+20	+29.44	107/3	74	443	89	989	96	47.5	34.3	3.3	942	12.17	1.29	0.47	5.03	0.32	26	10

Larnack of Wye UMF 11225 would be another light birth weight bull with the second highest marbling score of 5.03.

LOT  
**34**

## LAUS OF WYE UMF 11230

CALVED: 02/26/18 ♦ TATTOO: 11230 ♦ REG: 19237439

Brenton of Wye UMF 10171  
**Marle of Wye UMF 10877**  
 Madge of Wye UMF 10014  
 Aledo of Wye UMF 10264  
**Lottie of Wye UMF 10545 #**  
 Lottie of Wye UMF 10289

Cedric of Wye UMF 8998 14794513  
 17051450  
 14670680  
**18627150**  
 14794521  
 16814784  
 15338716  
 Alap of Wye UMF 8329 13641146  
 17420047  
 16405981  
**17876545**  
 16833461  
 17257860  
 16814798  
 Alexina of Wye UMF 9851 #  
 Briar of Wye UMF 9024  
 Madge of Wye UMF 9330  
 Quincuius of Wye UMF 9948 +  
 Lottie of Wye UMF 10050



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+0	+14	+17	+18	+31.51	108/3	74	512	103	1038	101	49.2	34.6	3.4	974	12.63	1.30	0.50	4.20	0.49	24	10

Laus of Wye UMF 11230 is our first Marle of Wye UMF 10877 son to sell. Laus is out of a good Aledo of Wye UMF 10264 daughter and measured in the top one-third for all six carcass ultrasound traits.

LOT  
**35**

## ASTRO OF WYE UMF 11232

CALVED: 02/26/18 ♦ TATTOO: 11232 ♦ REG: 19237440

Bear of Wye UMF 6591  
**Balgain of Wye UMF 10405**  
 Blackbird of Wye UMF 10132  
 Qazil of Wye UMF 9271  
**Alexina of Wye UMF 9587**  
 Alexina of Wye UMF 9319

Lambdin of Wye UMF 6278 11060743  
 11384275  
 11060784  
**17606174**  
 16431555  
 17051384  
 15037948  
 Forester of Wye UMF 9604 +  
 Blackbird of Wye UMF 9182  
 Fornson of Wye 4792473  
 15600069  
 14662649  
**16111080**  
 9701171  
 15338714  
 14386278  
 Queen Mother of Wye UMF 8977  
 Butler of Wye  
 Alexina of Wye UMF 8851



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-1.7	+20	+22	+36	+19.41	111/6	74	540	109	1052	102	49.0	32.4	3.4	980	11.76	1.20	0.45	3.86	0.43	26	10

Astro of Wye UMF 11232 boasts a WR of 109 and a YR of 102 along with a hip height of 49 inches. Astro has excellent length and thickness and his maternal brother Allegan of Wye UMF 11030 sold for \$5,000 in our 2018 sale. Wye will retain 1/3 breeding interest.

LOT  
**36**

## BRONX OF WYE UMF 11239

CALVED: 02/27/18 ♦ TATTOO: 11239 ♦ REG: 19237441

Brenton of Wye UMF 10171  
**Marle of Wye UMF 10877**  
 Madge of Wye UMF 10014  
 Bangle of Wye UMF 9480  
**Blackbird of Wye UMF 10517**  
 Blackbird of Wye UMF 9370

Cedric of Wye UMF 8998 14794513  
 17051450  
 14670680  
**18627150**  
 14794521  
 16814784  
 15338716  
 Franchester of Wye # 7478280  
 15925961  
 14670680  
**17876533**  
 13284840  
 15338729  
 14094528  
 Blackbird of Wye UMF 8988 +  
 Briar of Wye UMF 9024  
 Madge of Wye UMF 9330  
 Blackbird of Wye UMF 8988 +  
 Campton of Wye UMF 8207  
 Blackbird of Wye UMF 8705 #



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+3	+15	+10	+23	+38.24	106/3	74	499	101	1046	102	48.2	33.1	3.7	980	13.71	1.40	0.54	4.44	0.36	26	10

Bronx of Wye UMF 11239 is a straight-topped son of Marle of Wye UMF 10877. Bronx had the fourth highest REA measured at 13.71 and gained a solid 3.7 while on test.

# YEARLING BULLS

LOT  
**37**

## QADIM OF WYE UMF 11257

CALVED: 03/06/18 ♦ TATTOO: 11257 ♦ REG: 19237442

Luthien of Wye #  
 Carpus of Wye UMF 10684 +\*  
 Copeland of Wye UMF 9753  
 Cedric of Wye UMF 8998  
 Queen Mother of Wye UMF 9420 #  
 Queen Mother of Wye UMF 9143

Fornson of Wye  
 Loania of Wye  
 Bartor of Wye UMF 5609  
 Copeland of Wye UMF 9544  
 Andelot of Wye UMF 5907  
 Clova of Wye UMF 8044  
 Maeko of Wye UMF 8699 +  
 Queen Mother of Wye UMF 8721

4792473  
 7903255  
 6418011  
**18303503**  
 10635399  
 16405942  
 15886532  
 10769432  
 14794513  
 13024569  
**15886479**  
 14303261  
 15079862  
 14094537



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
+2	+16	+18	+24	+28.13	112/9	76	573	116	1149	112	49.0	35.8	3.8	1055	11.98	1.14	0.51	4.61	0.44	25	10

Qadim of Wye UMF 11257 is our highest ratio bull with a WR of 116 and a YR of 112. Qadim has a 35.8 scrotal with an ADG of 3.8. His dam Queen Mother of Wye UMF 9420 is our best Cedric of Wye UMF 8998 daughter. Wye will retain 1/3 breeding interest.

LOT  
**38**

## CIMONS OF WYE UMF 11271

CALVED: 03/16/18 ♦ TATTOO: 11271 ♦ REG: 19237444

Cyrus of Wye  
 Larkspur of Wye UMF 10530  
 Lottie of Wye UMF 9078 #  
 Quon of Wye UMF 10033  
 Copeland of Wye UMF 10578  
 Copeland of Wye UMF 9952 #

Prince of Malpas  
 Caltha of Wye  
 Alap of Wye UMF 8329  
 Lottie of Wye UMF 8303 \*  
 Cedric of Wye UMF 8998  
 Queen Mother of Wye UMF 9141  
 Alap of Wye UMF 8329  
 Copeland of Wye UMF 7546

2776941  
 4020204  
 3323283  
**18030544**  
 13641146  
 14662692  
 13560269  
 14794513  
 16813965  
 15083606  
**17876557**  
 13641146  
 16814831  
 12313749



# Pathfinder  
 + Embryo Transplant  
 \* Parents Qualified

Birth Weight	Weaning Weight	Maternal Milk	Yearling Weight	Cow Energy	Dam's Wean Ratio	Birth Weight	Weaning Data		Adjusted 365 Day				ADG	SCAN DATA							
							205 WW	205 Ratio	Wt.	Ratio	Hip Ht.	Scr.		WEIGHT	REA	REA/CWT	SHAPE	IMF	BF	TEND	STRESS
-1.0	+16	+14	+13	+36.86	97/3	74	517	104	1050	102	47.5	34.1	3.6	950	11.97	1.26	0.50	4.00	0.42	25	10

You would be hard pressed to find two better Alap of Wye UMF 8329 daughters in a bull's pedigree, which include 9078 and 9952. Cimons of Wye UMF 11271 has solid ratios across the board and is in the top one-third for all carcass ultrasound traits.

# SPECIAL THANKS TO ALL THE WYE RESEARCH AND EDUCATION CENTER EMPLOYEES WHO HELP ON SALE DAY.

EDWARD (EDDIE) C. DRAPER  
 REVIN W. MORGAN  
 LISA M. YOASH  
 JOHN (J.W.) DULIN  
 DAVID REIFF  
 TED CONOVER JR.  
 ALLIE HAYNIE  
 MACKENZIE (RENZIE) JORAY

PROGRAM MANAGER  
 HERD MANAGER  
 ADMINISTRATIVE ASSISTANT  
 AGRICULTURAL TECHNICIAN  
 AGRICULTURAL TECHNICIAN  
 AGRICULTURAL TECHNICIAN  
 STUDENT INTERN  
 STUDENT INTERN

PHOTOS BY: BETH HORSTMAN AND EDDIE DRAPER





## 2019 WYE ANGUS SEMEN SALES LIST

Registration Name	Pedigree	Registration Number	Ultra Sound Data			Price	
			% IMF	Rib Eye	Rib Fat	Semen	Certificate
<b>Aiken of Wye UMF 9464</b>	Sire: Favour of Wye Dam's Sire: Bear of Wye UMF 6591	15925959	4.90	11.00	0.39	\$20	\$30
<b>Alap of Wye UMF 8329</b>	Sire: Manning of Wye Dam's Sire: Bear of Wye UMF 6591	13641146	6.33	13.30	0.51	\$20	\$30
<b>Aristocrat of Wye UMF 9344</b>	Sire: Fabron of Wye Dam's Sire: Bear of Wye UMF 6591	15600085	4.17	11.90	0.37	\$20	\$30
<b>Balgain of Wye UMF 10405</b>	Sire: Bear of Wye UMF 6591 Dam's Sire: Forester of Wye UMF 9604	17606174	4.7	13.90	0.43	\$20	\$30
<b>Bangle of Wye UMF 9480</b>	Sire: Franchester of Wye Dam's Sire: Columbus of Wye	15925961	6.12	12.40	0.41	\$20	\$30
<b>Barnabas of Wye UMF 9281</b>	Sire: Butler of Wye Dam's Sire: Collumbus of Wye	15600071	5.17	13.20	0.39	\$20	\$30
<b>Brassard of Wye UMF 9936</b>	Sire: Forceful of Wye Dam's Sire: Qazil of Wye UMF 9271	16813981	5.64	12.40	0.44	\$20	\$30
<b>Briar of Wye UMF 9024</b>	Sire: Fahren of Wye UMF 5830 Dam's Sire: Fargo of Wye UMF 5813	14794521	5.56	14.59	0.62	\$20	\$30
<b>Brick of Wye UMF 10367</b>	Sire: Baldric of Wye UMF 10099 Dam's Sire: Faxton of Wye UMF 8819	17606162	6.12	12.40	0.41	\$20	\$30
<b>Bridge of Wye UMF 9158</b>	Sire: Butler of Wye Dam's Sire: Boyd of Wye UMF 8059	15141484	3.83	13.30	0.49	\$20	\$30
<b>Brins of Wye UMF 9635</b>	Sire: Favour of Wye Dam's Sire: Alap of Wye UMF 8329	16243300	6.27	12.95	0.38	\$20	\$30
<b>Carpus of Wye UMF 10684</b>	Sire: Luthien of Wye Dam's Sire: Bartor of Wye UMF 5609	18303503	3.58	13.00	0.52	\$20	\$30
<b>Cedric of Wye UMF 8998</b>	Sire: Andelot of Wye UMF 5907 Dam's Sire: Churchill of Wye	14794513	6.09	13.37	0.51	\$20	\$30
<b>Clarkson of Wye UMF 9166</b>	Sire: Favour of Wye Dam's Sire: Leonid of Wye	15141486	5.01	13.12	0.51	\$20	\$30
<b>Claymont of Wye UMF 10834</b>	Sire: Leonid of Wye Dam's Sire: Alap of Wye UMF 8329	18627227	4.59	14.2	0.45	\$20	\$30
<b>Faxton of Wye UMF 8819</b>	Sire: Aver of Wye UMF 8202 Dam's Sire: Carter of Wye UMF 8138	14511922	7.74	16.03	0.39	\$20	\$30
<b>Forester of Wye UMF 9604</b>	Sire: Alap of Wye UMF 8329 Dam's Sire: Favour of Wye	16431555	4.81	13.80	0.46	\$20	\$30
<b>Lander of Wye UMF 10387</b>	Sire: Churchill of Wye Dam's Sire: Alap of Wye UMF 8329	17609588	3.84	12.60	0.52	\$20	\$30
<b>Larkspur of Wye UMF 10530</b>	Sire: Cyrus of Wye Dam's Sire: Alap of Wye UMF 8329	18030544	3.64	12.70	0.46	\$20	\$30
<b>Leadore of Wye UMF 10536</b>	Sire: Churchill of Wye Dam's Sire: Clarkson of Wye UMF 9166	18030543	4.64	13.3	0.44	\$20	\$30
<b>Leelo of Wye UMF 10689</b>	Sire: Churchill of Wye Dam's Sire: Barnabas of Wye UMF 9281	18255260	3.75	12.4	0.41	\$20	\$30
<b>Logan of Wye UMF 6692</b>	Sire: Fargo of Wye UMF 5813 Dam's Sire: Leonid of Wye	11413693		15.13	0.19	\$20	\$30
<b>Lorton of Wye UMF 9055</b>	Sire: Friars of Wye UMF 7996 Dam's Sire: Buchwald of Wye UMF 6029	14794526	4.00	12.34	0.48	\$20	\$30
<b>Qevin of Wye UMF 9781</b>	Sire: Elimast of Ballindalloch Dam's Sire: Bartor of Wye UMF 5609	16409715 Red Carrier	4.85	12.60	0.37	\$20	\$30
<b>Quon of Wye UMF 10033</b>	Sire: Cedric of Wye UMF 8998 Dam's Sire: Bonanza of Wye	16813965	5.15	11.30	0.46	\$20	\$30

Lot	Tattoo	Weight	REA	REA/CWT	Shape	IMF	BF	Tend	Stress
16	11141	960	11.74	1.22	0.47	3.98	0.29	25	10
17	11142	940	13.11	1.39	0.54	4.33	0.32	25	10
18	11143	904	12.01	1.33	0.54	3.58	0.41	28	10
19	11146	1000	13.06	1.31	0.43	4.21	0.39	25	10
20	11151	956	14.05	1.47	0.57	4.26	0.24	26	10
21	11154	1000	11.98	1.20	0.57	4.29	0.39	25	10
22	11155	910	10.55	1.16	0.44	4.11	0.38	27	10
23	11159	1100	13.91	1.26	0.52	3.55	0.41	26	10
24	11160	936	13.55	1.45	0.48	4.62	0.39	24	10
25	11163	1005	14.91	1.48	0.49	3.23	0.36	27	10
26	11164	1005	13.16	1.31	0.55	3.46	0.31	27	10
27	11170	972	11.06	1.14	0.56	5.56	0.46	25	10
28	11174	908	10.77	1.19	0.56	3.19	0.23	27	10
29	11202	940	11.72	1.25	0.48	3.80	0.45	26	10
30	11207	956	11.68	1.22	0.54	4.14	0.36	25	10
31	11213	980	12.40	1.27	0.53	4.64	0.31	25	10
32	11224	956	11.89	1.24	0.51	3.77	0.32	25	10
33	11225	942	12.17	1.29	0.47	5.03	0.32	26	10
34	11230	974	12.63	1.30	0.50	4.20	0.49	24	10
35	11232	980	11.76	1.20	0.45	3.86	0.43	26	10
36	11239	980	13.71	1.40	0.54	4.44	0.36	26	10
37	11257	1055	11.98	1.14	0.51	4.61	0.44	25	10
38	11271	950	11.97	1.26	0.50	4.00	0.42	25	10

### Relation of %IMF to USDA Quality Grade

% IMF	USDA QG	Marbling
.28-2.57	Standard	Prac. Devoid
2.58-3.89	Select	Slight
3.90-5.33	Choice-	Small
5.34-8.55	Choice +	Modest/Mod.
8.55+	Prime	Abundant

## 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)

Grassfed Beef Standards 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 Grassfed Beef Standards.

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 Grassfed Beef protocols, but could use improvement.

Traits coded in Red Font indicate performance below Grassfed Beef 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, Cutability, 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.

# WYE ANGUS

P.O. Box 169  
Queenstown, MD 21658  
(410) 827-6016

NON PROFIT ORGANIZATION  
AUTO  
U.S. POSTAGE PAID  
LEWISTOWN, MT  
PERMIT NO. 181



## 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).

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