JMAR GENETICS

Quality Over Quantity

JMAR Genetics and Guests Charolais Bull and Heifer Sale Oct. 17, 2020

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Saturday, October 17, 2020

Bulls and Heifers are located at the WVU Bull Test Station, Wardensville, WV - The Sale will be online at CharAuctions.com

Sale Day:	Saturday, October 17, 2020
Sale Location:	WVU Reymann Memorial Farm, Wardensville, WV
Sale Type:	Online Only at CharAuctions.com
Sale Time:	Begins at 9:00 am & Closes at 5:00 pm with a horse race finish *(Please see the following CharAuctions pages for a description how the auction works and a horse race finish)*
Viewing Bulls & Heifers	Bulls will be located at the WVU Bull Test Station until Oct. 17 and available for viewing at any time up to that date.
Purchases Bulls & Heifers	Buyers may pick up bulls and heifers at the conclusion of the sale on Oct 17 from Wardensville, WV. Otherwise the Bulls and Heifers will be transported back to the nearest consignors location where pick up or delivery will be coordinated.
WVU Bull Test	Jerry Yates – Manager – 304-261-3035 – jerry.yates@mail.wvu.edu Please contact Jerry to schedule a visit or if you have any questions about the bulls and heifers or the GrowSafe feed efficiency system.

Special Guests (Contact for assistance in bidding or any questions about the cattle)

C Squared Cattle Company, Tommy Clark, 540-937-0029 & Will Clark 540-812-6007, cattleclark@gmail.com
Testerman Charolais, Caleb and Ashlee Testerman, 304-445-8382, www.testermancharolais.com
Desco Charolais, Daren Statler, 717-729-6453, www.descocharolais.com
Clark Charolais Farm, David Clark, 410-924-3521, sfcdjc@outlook.com

Sale Representatives (Contact for assistance in bidding or questions about the cattle)

Floyd Wampler - American International Charolais Assn. - 423-612-2144 - fwampler@charolaisusa.com
Brett Sayre - Independent - 573-881-1876 - brettpsayre@gmail.com
Bob Morton - Independent - 931-842-1234 - mortonfarms1234@att.net
Colt Keffer - CharAuctions - AICA - 765-376-8784 - ckeffer@charolaisusa.com
E.B. Harris - Independent - 252-430-9595 - ebharris@ebharris.com

Questions or help with CharAuction.com contact;

Colt Keffer - 765-376-8784
ckeffer@charolaisusa.com

Or any of the consignors or representatives.

Online Bidding

Frequently Asked Questions

Is the auction platform mobile friendly?

Yes, the auction platform and entire site is mobile friendly. So, no matter the device (computer, cell phone, tablet, etc) you are utilizing to view and/or bid on the auction. The site is responsive to your screen so you have the most optimum viewing and bidding experience.

How do I register to bid?

To register, select the Login/Register tab on the left hand side of the screen in the navigation bar OR the Register dropdown button displayed at the top right hand side of every auction page. Register for a new account by entering your contact information, email address, desired password, etc. Once you submit the auction registration form, please follow the steps to validate your phone number, and complete your user profile to 100% complete.

Please keep your user information (email address and password) in a secure place.

How do I get a bidder number for the auctions?

There are no bidder numbers utilized on this auction platform. Each user will have one account under their email address (using the password you set up when you registered) that can be utilized for all auctions.

Why is a credit card required to bid?

We require each user to post a credit card verification to ensure that each of our bidders is a valid, qualified bidder. This verification method has been implemented for the protection and security of each of our bidders. Each bidder knows that all bidders are valid and that they have met the same requirements that you have to be able to bid online. The credit card verification process is completely secure and PCI compliant. Please see the Privacy Policy segment for more details or contact us for validation if you have concerns.

How do I bid?

Select the JMAR Genetics and Guests Auction. When the bidding for the auction is open, you will have the opportunity to enter your bid (and your maximum bid) for each animal. Simply login to your user account and click on the Bid button for each lot to submit the bid(s).

How do I know if I am winning if there are no bidder numbers shown?

If you are watching the auction via a computer or via your mobile device, when you are winning the screen will show this message: You are winning! in green on the lot(s) you have the high bid on. If you get outbid, the message will change to: You have been outbid.

How do I know if I got outbid?

If you get outbid on any lot within an auction, you will receive a notification based on the preferences you set up in your user profile registration. There are two outbid notification preferences you could possibly receive – a text alert sent directly to your cell phone, or an email sent to your registered email address, or both! You can change these preferences at any time in the my account section under notifications.

If you are watching the auction via a computer or via your mobile device, when you are outbid, the screen will show this message: You have been outbid. If you could like to bid again on that lot, simply click on the Bid button and Place a Bid.

How can I make sure I am seeing the most current bidding information on the screen?
During the bidding process you will not need to refresh your page to ensure you are viewing the most current bidding activity. The auction platform auto-refreshes the page, and the bidding is in real time.

How do I find out more about a posted item?
Contact information for the seller can be found at the top of each auction and also underneath each lot on a particular auction. If you have any questions regarding a specific item, please contact the seller.

What is a Maximum Bid?
A maximum bid is the highest dollar amount you are willing to pay for an item. Here is an example of using the maximum bid feature. If you enter a maximum bid the system will automatically bid on your behalf up to your maximum bid amount. For example, let's assume that you enter a bid of $2000 on an item and maximum bid of $4000. If no other bids are placed on that item, you will be the winner at your $2000 bid. If another bidder places a bid of $2250 on the item you will now be winning at $2250 plus one increment level, $2250 + $250 = $2500. Your maximum bid is completely confidential and not revealed to the public or viewed by anyone other than you when selecting this feature.

May I raise my Maximum Bid?
Yes, you have the ability to raise and/or lower your maximum bid at any given time while the auction is open for bidding. However, when lowering your maximum, you can not change the maximum bid price to lower than the current winning bid.

What is a Bid Increment?
The bid increment is the minimum dollar amount that the bid must be raised. Bid increments will typically be in $250.00 increments. You can bid higher than the minimum bid increment (next required bid), or you may enter a maximum bid, but you may not bid in denominations less than the set bid increment.

Call in Bidding.
To bid via the telephone, call the sale day phone or any of the consignors or professional representatives to place call-in bids for the online auction. Everyone will be glad to assist you in the bidding process.

In Person Bidding.
Bulls and heifers will be available for viewing and pick up sale day after the sale. We will have computers, tablets and phones available sale day to place bids for anyone who wants to bid in person.

How does the auction end?
The auction will end at 5 pm eastern time or as shown on the Charauctions.com. Please visit the Charauctions.com page to confirm the closing date and time.

This auction will utilize an auto-extend, horse race style closing. With this feature, the bidding will remain open on all items in the auction if there has been at least one bid received on any one item in the auction within the last 5 minutes (or the set extended bidding increment at the time). Once 5 minutes has lapsed without any bidding activity, the bidding on all items will be closed. All lots will close simultaneously.

Please see the examples below – this is a sample and may or may not match the actual ending times.

Example #1:
Auction closes at 5 PM. There is no bidding from 4:55 PM to 5 PM. All lots are declared closed and the sale ends at 5 PM.

Example #2:
Auction closes at 5 PM. There is a bid placed at 4:57 PM. Auction is extended by 5 minutes. No more bidding occurs. All lots are declared closed and the sale ends at 5:02 PM.

Example #3:
Auction closes at 5 PM. There is a bid placed at 4:57 PM. Auction is extended by 5 minutes until 5:02 PM. Another bid is placed at 5:01 PM. No more bids are placed. All lots are declared closed and the sale ends at 5:06 PM.

What is the auto-extend time within the horse race style closing?
The auto-extend time goes into effect once the auction reaches its original ending time. The auction will remain open for bidding on all items within the auction if there has been at least one bid received on any one item in the auction within the last 5 minutes, even if the original ending time has been reached. Extended bidding means that the auction is not declared closed until there have been 5 minutes of inactivity on the entire auction. Each time a bid is placed, it resets the clock timer on the auction back to the high water mark auto-extend time that is set.

All auctions will feature the accelerated horse race style closing.

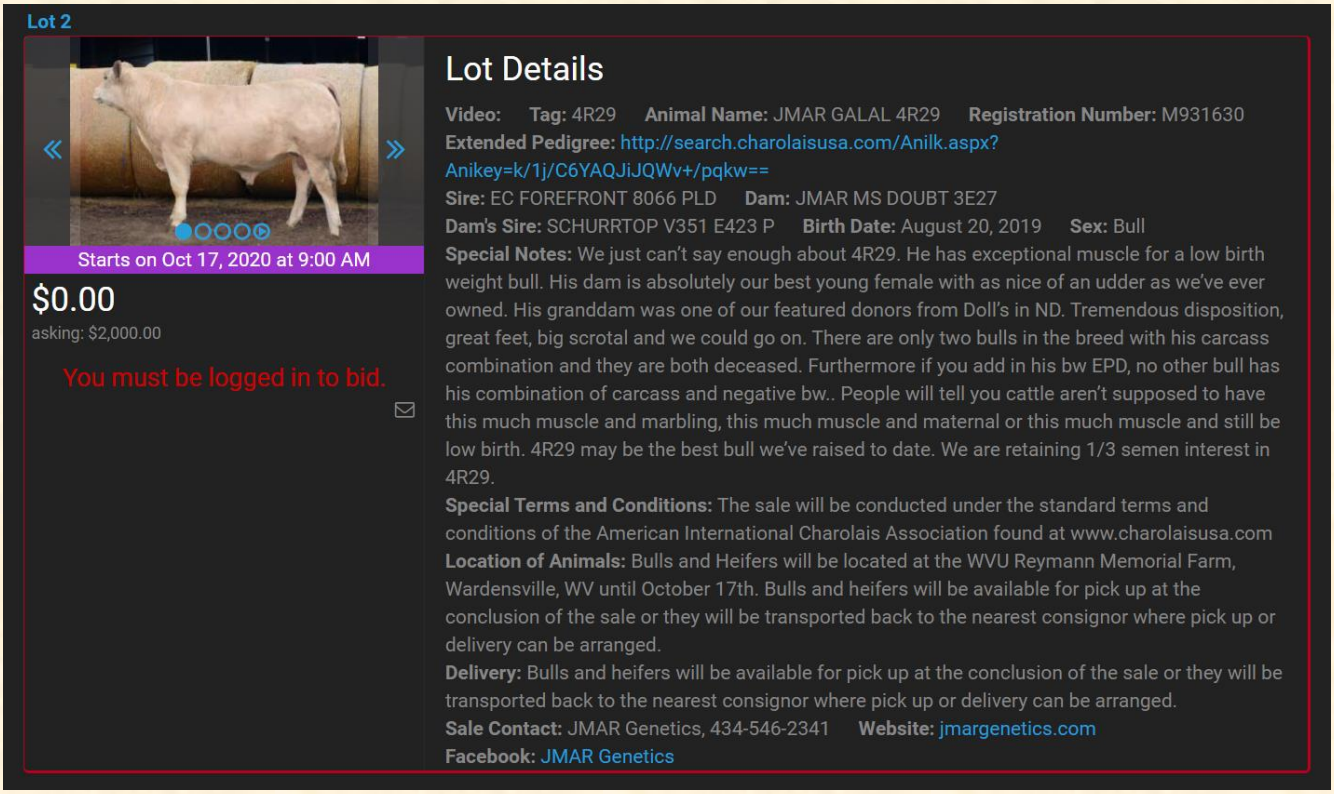
- PRIOR TO 5 PM ET – 5 minutes extended bidding
- AFTER 6 PM ET – 3 minutes extended bidding
- AFTER 7 PM ET – 2 minutes extended bidding
- PLEASE PLACE YOUR BIDS EARLY AND PLAN ACCORDINGLY!

How do I know I won?
If you are the high bidder, CharAuctions.com online auction staff will email you an invoice to your registered user email address immediately after the auction has ended. This email will have complete instructions regarding payment, and will include a payment link on the emailed invoice as well for quick and easy payment through the auction platform.

If I win, how and when do I pay?
At the conclusion of the auction an invoice will be sent via e-mail (make sure to check “junk” or “spam”). You can either pay via credit card through the invoice or print and send a check. The next business day whatever has not been paid for online will be issued a hard copy invoice that will be mailed to the address on file. The return address and all other payment info will be on the invoice. **Payment is expected within 30 days.**

Who do I contact if I have questions about using this auction system?
If you have any questions using the site, visit the Contact Us tab for information or contact Colt Keffer or any of the consignors or representatives listed for the sale.

Example Lot on CharAuctions.com



Explanation of Data and Information on Individual Lots

Designates EPDs are Genomic Enhanced

Photo of the Actual Lot For Sale

Pedigree Information

EPD Graph with % rank by trait.

Lot Number

Birth Date

Registered Name

Registration Number

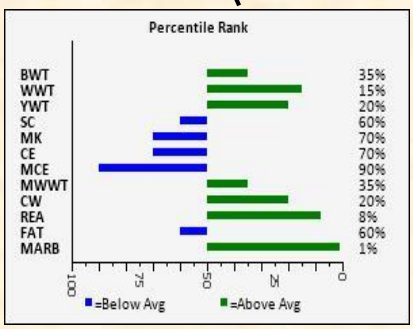
Horned/Polled status

JMAR FOREFRONT 4R29 | **M931630** | **Polled**

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

SCHURRTOP V351 E423 P
JMAR MS DOUBT 3E27
DCR MS DOUBT Z208

DOB 8/20/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	3.8	-.4	41	72	8	1.5	28	.8	1.27	1.23	27	.91	.011	.35	222.9	-.2	.7		-2.1			
Act.		77	699	1003				33				15.1	.15	2.09		-2.3	3.7	5.1	-1.7	5	5	6.5
Ratio		99	106	95				92				103	88	101		1	15		1			

4L28 is a powerful calving ease son of OW Lead Time out of the Z208 Donor. He's deep thick and sound. He ranks in the top 1% for Marbling and 8% for Ribeye area. Balanced traits and nice phenotype are his attributes

Footnotes or additional information about the animal

Ratio or where the animal ranks within their contemporary group

Designates the actual performance or measurement of the animal.

EPD's where pedigree, actual performance, ratios and genomics all combine

GrowSafe EPD Rank Across all Breeds.

ce	**calving ease**	The difference in percentage of unassisted births in first calf Charolais heifers. A higher value indicates greater calving ease.
bw	**birth weight**	The expected difference in average birth weight (pounds) of progeny.
ww	**weaning weight**	The expected difference in average weaning weight of calves.
yw	**yearling weight**	The expected difference in average yearling weight of progeny.
m	**milk**	The genetic ability of a sire's or dam's daughters to express in pounds of weaning weight due to her maternal ability through mothering instinct and milk.
mce	**maternal calving ease**	The difference in percentage of unassisted births in first calf daughters. A higher value indicates greater calving ease.
mtl	**total maternal**	The weaning weight performance of calves from a animal's daughters due to genetics for growth and maternal ability.
sc	**scrotal circumference**	The expected difference in scrotal circumference (expressed in centimeters) of a bull's or dam's male offspring at yearling. Research has indicated a relationship between increased SC EPD and decreased age at puberty for daughters.
ud	**udder score**	The difference in udder suspension. The higher the number the better daughters are expected to be for udder suspension.
te	**teat score**	The difference in teat size. The higher the number the better daughters are expected to be for teat size.
cw	**carcass weight**	Expected progeny differences for Carcass Weight is a predictor of pounds of retail product at a constant age endpoint.
rea	**ribeye area**	Ribeye area is measured from a cross-sectional area of the longissimus dorsi muscle at the 12th rib. Ribeye Area EPD are expressed in square inches at a constant age endpoint.
ft	**fat thickness**	Fat thickness is measured at the 12th rib and expressed in inches.
mb	**marbling**	Marbling is a subjective measure of the amount of intramuscular fat in the ribeye muscle. Marbling score is the primary component of USDA Quality grade and selection for increased Marbling Score EPD should result in cattle with higher quality grades at the same age endpoints.
tsi	**terminal sire index**	TSI represents a dollar index ranking them for profit potential for the terminal traits BW, WW, YW, REA, CW, MARB and FAT.
dmi	**dry matter intake**	The amount of feed an animal consumes per day on a moisture-free basis.
adg	**average daily gain**	The average amount of weight an animal will gain each day during the feeding period.
f/g	**feed to gain ratio**	or feed conversion ratio is the measurement of converting feed into pounds or the amount of feed needed to produce a pound of gain.
rfi	**residual feed intake**	is a measure of feed efficiency calculated as the difference between and animal's actual feed intake and its predicted feed intake
fa	**foot angle**	Foot angle is measured as the degree of angularity from the toe and the base of the hoof to the base of the coronary band. Heel depth plays a significant role in hoof angle.
cs	**claw set**	claw set is described as the relative size and curvature of the lateral and medial claw on an individual hoof where the distance between claws serves to indicate the level of divergence.
fs	**frame score**	Represents differences in height at the same age and is adjusted to one year of age.

Charolais Breed Average EPDs

CE	BW	WW	YW	Milk	MCE	MTL	SC	UDDER	TEAT	CW	REA	FAT	MARB	TSI
5.3	0.3	31	57	10	5.1	25	1.12	1.08	0.9	20	0.69	0.009	0.10	203.43

GrowSafe Systems Ltd. builds advanced animal agriculture systems to help producers optimize their operations. GrowSafe's advanced data acquisition platform features integrated hardware and software analytics that provide producers with data to make better decisions for their operations. Today, GrowSafe is helping to raise more efficient, environmentally friendly and healthier animals in 22 U.S. states, seven Canadian provinces and on farms in Mexico, Australia, Brazil, Uruguay, Namibia, South Africa, New Zealand and across Europe.

Why Feed Efficiency?

Approximately 55 to 75% of the total costs associated with beef cattle production are feed costs (NRC, 2000; Arthur et al., 2001a; Basarab et al., 2002).

A 5% decrease in feed efficiency could have an economic impact four times greater than a 5% improvement in average daily gain (Basarab et al., 2002).

In feedlot studies demonstrated that a 10% improvement in average daily gain (ADG) as a result of a 7% increase in appetite improved profitability 18%, whereas, a 10% improvement in feed efficiency returned a 43% increase in profits (Fox et al., 2001).

What should I select for?

Dry Matter Intake (DMI) Feed Conversion (F/C) or Residual Feed Intake (RFI)

When selecting bulls for a terminal cross breeding system we suggest applying more selection pressure on DMI and F/C, while still selecting for cattle with exceptional growth, muscle and carcass quality. If you happen to be more maternally focused or plan to keep daughters of these bulls then applying more selection pressure to RFI may make more sense.

We recommend selecting cattle how you normally would. Select the ones that work for your program and environment, yet simply select for the ones who eat less doing it.

American International Charolais Association

CHAROLAIS TERMINAL SIRE INDEX (TSI)

By: Sally L. Northcutt Ph.D.

The beef cattle industry is always seeking out simple, no hassle ways to make genetic improvement. This is not always the case for the cattle producer when selecting bulls, particularly with the long list of available expected progeny differences (EPDs). Other animal industries, such as dairy, swine, and poultry have capitalized on the use of selection index values in their programs. Selection indexes are a result of applying economic values to genetic predictions and are designed for specific breeding objectives. In short, selection indexes are difficult to develop but easy to use and are typically expressed in dollar units. The American International Charolais Association (AICA) was the first major beef cattle breed association in the United States to deliver a public-release selection index called Terminal Sire Index, better known as TSI.

HOW IS TSI USED?

It is important to remember the way to use TSI. The TSI is a genetic selection tool reported in dollars to rank sires on differences in terminal calves produced for profit potential. By terminal, the assumption is that all calves are marketed, and replacement females are not retained. In the example below, we would expect Sire A's calves to average $20 more net return than Sire B's progeny.

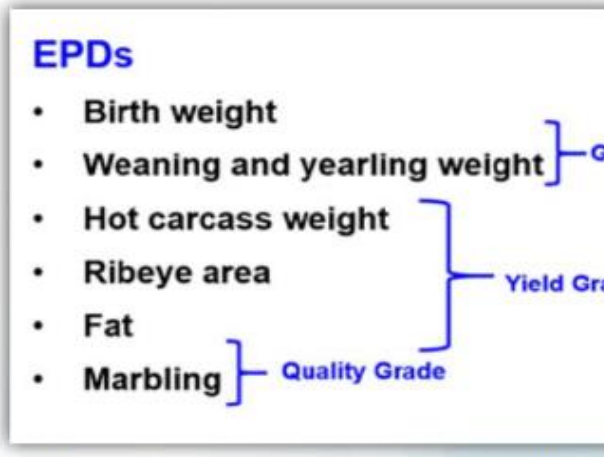
Sire A:	TSI,	$200
Sire B:	TSI,	$180
Difference		$20 per head

Once the EPD and registered animal requirements are met, any animal can have a TSI value displayed. Granted the name is a 'sire index' but young male and female animals will also have a TSI value displayed. The benefit of a selection index is to simplify the list of EPDs into a number to be used in selecting for a specific production scenario, in this case a terminal marketing scheme where calves are sold on carcass value. Replacement females are either purchased or raised as a separate enterprise.

The TSI is not appropriate as a sole selection tool for replacement females. It does not include maternal traits. Also, while birth weight EPD is part of the TSI equation, calving ease EPDs are not used and the TSI should not be the focused selection criterion for first-calf heifers.

WHAT EPDS ARE INCLUDED IN TSI?

With TSI being a terminal index, the list of traits will not include maternally influenced traits since it is assumed that all calves be marketed. The EPDs include birth weight, growth traits and carcass predictions. Below is an overview of EPDs included in TSI:



The inclusion of weaning weight EPD and year weight EPD allows for the feedlot gain potential. Carcass weight, ribeye area and external fat thickn are utilized to address genetic merit for yield grade Marbling EPD is also part of the TSI component for a quality grade adjustment.

The beauty of selection indexes is that genetic relationships among traits are accounted for in the index formulas so that economic weighting factors are appropriately assigned to each EPD. Once the weighting factors are applied to each trait EPD the TSI result is a sum of the various contributing fact

TSI results are highly correlated with yearling weight EPD. Care should be taken in the selection TSI, as its impact on calving ease and cow size is n documented.

To search AICA Charo EPDs and TSI, go to: *http://search.charolaisus default.aspx*

Single Step:

The Latest Advancement in Genomic Evaluation

Kelli Retallick and Dan Moser, AGI

Since 2015, AICA has provided genomically enhanced expected progeny differences (GE-EPD) for Charolais cattle. Using a multi-step approach, based on calibration research from Iowa State University, genomic test results have been combined with pedigree information and performance data, resulting in greater accuracy, especially for young animals. Now AICA will soon transition to a Single Step genomic evaluation. The move is the result of years of research and development to equip Charolais breeders with the most sophisticated, accurate and reliable genetic selection tools available.

What is Single Step?

The key difference between Single Step genomic evaluation and multi-step evaluation is how genetic relationships between animals are determined. With the previous multi-step approach, the relationships between animals are determined by pedigree alone. Pedigree data would dictate all full sibs, for example, would have a genetic relationship to one another of 50%, and the relationship between grandparent and grand-progeny is 25%. These are the correct values on average. However, we know variation exists in these relationships among relatives.

The genomic information identifies differences that the pedigree alone cannot detect. In Single Step evaluation of other breeds, genomic relationships among full-sibs range from as low as 35%, to 65% or higher. Some pairs of flush-mates share over two-thirds of their genetic material, while others share as little as one-third. Through Single Step, genomic relationships among animals are used to improve the accuracy of EPDs for both genotyped and non-genotyped animals.

The methodology works to more fully understand the ancestral source of the DNA of a particular animal. A greater proportion of DNA than expected, 30% or more, may be passed down from the maternal grand-sire (MGS) to an individual grandson or granddaughter, rather than the expected 25%. If the MGS has outstanding growth genetics, then the DNA relationships will drive the associated WW and YW EPDs of the grand-progeny higher. However, if an animal is more genetically related to an individual with low growth genetics, in return, the WW and YW EPDs on that individual will decline. Single Step also recognizes relationships among animals that would appear practically unrelated based on pedigree alone, compared to the average of the animals' parents. Within the breed, many animals share significant amounts of genetic material passed down from many generations prior. Single Step recognizes these relationships based on DNA markers, and more effectively connects data among animals. Using these genomic relationships, the Single Step methodology results in more accurate genomic values than ever before.

Genomics Updated in Real Time

It is well documented that genomic predictions need to be recalculated regularly as additional data and genotypes are added to the database. Single Step does just that, by updating the genomic information each time the evaluation is run. With Single Step all sources of information – pedigree, performance, progeny data and genomic results – are updated in real time. This is a positive for breeders as the GE-EPDs are not based on outdated information, and when young sires generate their first progeny data, that information is immediately used in the genomic evaluation.

Proven Improvement in Other Breeds

While Single Step will be new to AICA members, a number of other species and beef breeds have successfully used this technology. Most dairy cattle, swine and poultry genetic evaluations use this approach, in many cases using the same University of Georgia software used at AGI. Other US beef breeds such as Beefmaster, Brangus and Santa Gertrudis have used Single Step since the beginning of their genomic evaluations. The American Angus Association successfully transitioned to Single Step in July 2017, followed by the Canadian Angus Association in September 2017. Several beef breeds in Australia and New Zealand have or will soon also use this technology.

It's important to note genomic test results from previously tested animals will be incorporated into the Single Step evaluation, using the same DNA markers used in the multi-step evaluation. Proven sires would be expected to have minimal changes in EPDs after the transition to Single Step, as their EPDs are mostly the result of progeny data. Genomics contribute more heavily to young animals' EPDs, so those animals would be expected to show more change in EPD values. More variation in EPDs of siblings should be expected, as the evaluation more accurately tracks differences in relatives due to inheritance. As additional data and genotypes are added to the Charolais database, increased accuracy of EPDs on genomically tested animals will result, providing Charolais breeders and their customers the most accurate genetic evaluation possible.

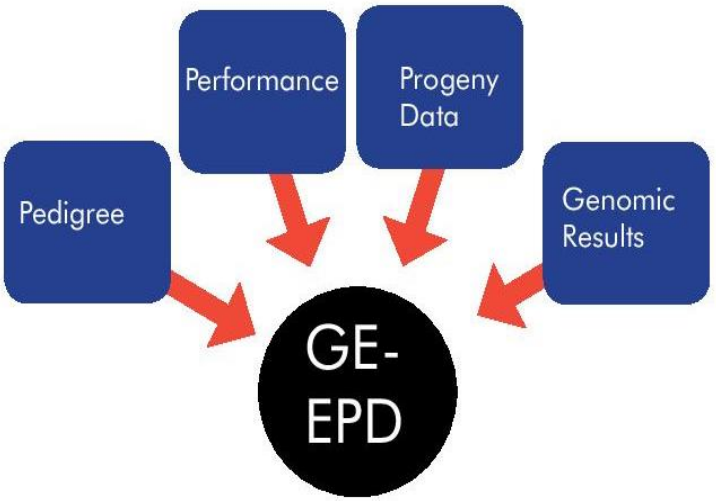
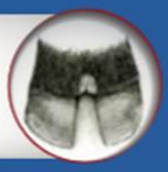
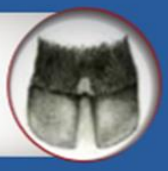
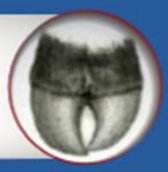
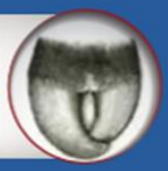


Figure 1. Information contributing to the GE-EPD.

All Bulls and Heifers will be foot scored by an independent, third party and published on each Lot.

Foot Score chart used with permission of the American Angus Association.

FOOT SCORE GUIDELINES

Foot Angle (5 is ideal)		Claw Set (5 is ideal)	
 1	Extremely straight pasterns. Very short toe. Unsound.	Extremely weak, open, divergent claw set. Unsound. 1	
 2	Straight front and rear pasterns. Marginally unsound.	Open, divergent claw set. Marginally unsound. 2	
 3	Moderately straight front and rear pasterns.	Moderately open/divergent claw set. 3	
 4	Slightly straight front and rear pasterns.	Slightly open/divergent claw set. 4	
 5	Ideal. Approximately 45-degree angle at pastern joint. Appropriate length of toe and depth of heel.	Ideal. Symmetrical claws, with appropriate space between claws. 5	
 6	Slightly shallow heel and long toe.	Slight tendency for claws to curl. One claw may be slightly larger than the other. 6	
 7	Moderately shallow heel and long toe. Somewhat weak pasterns.	Tendency for claws to curl, with one claw larger than the other. 7	
 8	Shallow heel and long toe. Marginally unsound.	Moderate scissor claw and/or screw claw. Curling of one or both claws. Near crossing of claws. Marginally unsound. 8	
 9	Extremely shallow heel and long toe. Extremely weak pasterns. Unsound.	Extreme scissor claw and/or screw claw. Pronounced curling of one or both claws. Crossing of claws. Unsound 9	

JMAR GENETICS

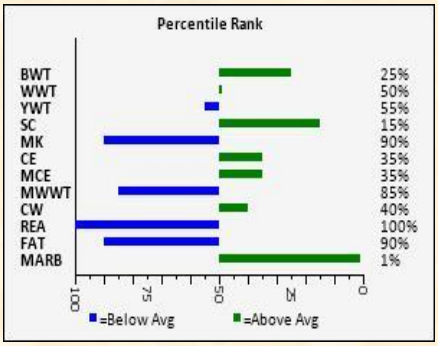
Our goal is to supply our customers with the most data possible for your business decisions, while balancing all the convenience traits you desire as well. We are focused on producing the best terminal Charolais cattle we can, without compromising phenotype, feet and legs or maternal ability. We strive to produce cattle that first make you money, last in your herd and are enjoyable to own. We hope you find that in our cattle.

JMAR GAMUL 2V69 M931631 Polled

LT RIO BLANCO 1234 P
VPI FREE LUNCH 708T
VPI MISS DUCHESS 404 P

EC FOREFRONT 8066 PLD
JMAR CAMEO GIRL 6R67
JMAR CAMEO GIRL 1C65

DOB 8/17/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	7.2	-1.2	32	56	3	6.9	19	1.2	.9	.83	22	.40	.028	.40	207.8	-1.02	.03		-.98			
Act.		77	699	1041				35				12.4	.19	2.87		17.3	2.27	7.47	-.4	5	4	5.2
Ratio		99	106	91				96				89	112	99		1	16		1			88

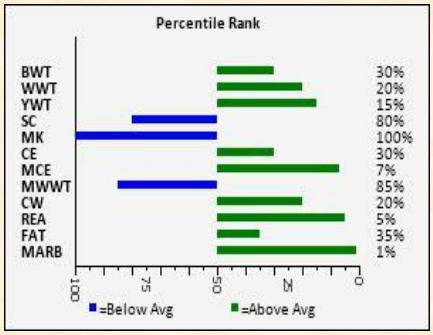
2V69 is a very nice calving ease son of the now deceased Free Lunch. He offers a very unique pedigree and his dam is an outstanding Forefront daughter. This bull was injured going on test but has fully recovered and is really performing well now. Obviously this likely affected his on test performance and yearling ration. Homozygous Polled.

JMAR GALAL 4R29 M931630 Polled

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

SCHURRTOP V351 E423 P
JMAR MS DOUBT 3E27
DCR MS DOUBT Z208

DOB 8/20/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	8.1	-.8	39	73	-1	10	19	.6	1.22	1.17	27	.97	.001	.42	229.2	-.93	.04		-.87			
Act.		72	745	1265				41				15.4	.17	3.45		21.0	3.22	5.52	.33	6	4	6.3
Ratio		93	113	111				113				111	100	119		1	13		1			107

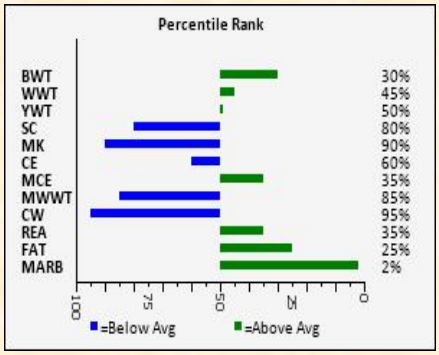
We just can't say enough about 4R29. He has exceptional muscle for a low birth weight bull. His dam is absolutely our best young female with as nice of an udder as we've ever owned. His granddam was one of our featured donors from Doll's in ND. Tremendous disposition, great feet, big scrotal and we could go on. There are only two bulls in the breed with his carcass combination and they are both deceased. Furthermore if you add in his bw EPD, no other bull has his combination of carcass and negative bw.. People will tell you cattle aren't supposed to have this much muscle and marbling, this much muscle and maternal or this much muscle and still be low birth. He also ranks in the top 1% for DMI EPD and had one of the better feed conversions in the sale at 5.52 to 1. 4R29 may be the best bull we've raised to date. We are retaining 1/3 semen interest in 4R29.

JMAR GAAL 5R29 M931629 Polled

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

SCHURRTOP V351 E423 P
JMAR MS DOUBT 2E27
DCR MS DOUBT Z208

DOB 10/19/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	4.9	-.8	32	58	4	7.1	20	.6	1.23	1.18	7	.74	-.004	.30	211.2	-.85	.04		-.91			
Act.		84	479	983				36.8				13.7	.16	2.4		17.0	3.28	5.67	-.26	6	4	5.7
Ratio		107	72	86				101				99	94	83		1	10		1			96

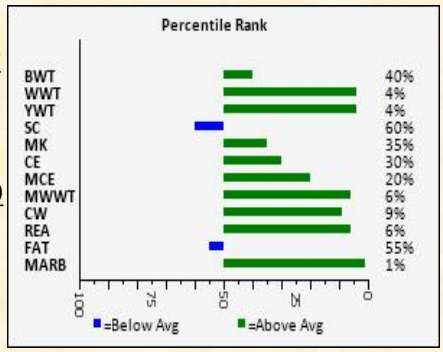
5R29 is a full brother in blood to Lot 2 and that same exceptional muscle is also evident in him. His dam didn't milk as heavy and should be used in a terminal program, but offers lots of genetic merit to a terminal cross program. He ranks in the top 50% for Ribeye, 25% for fat and 1% for marbling. A carcass combination only about 27 bulls in the entire breed would have.

JMAR GIDEON 6L19 M931628 Polled

SCHURRTOP V351 E423 P
JMAR BENAIAH 1E66
VPI CAMEO GIRL 006X

EC FOREFRONT 8066 PLD
JMAR MISS MARK 4R17
JMAR MISS MARK 2N13

DOB 11/10/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	7.8	-.1	46	85	12	8.6	36	.8	1.07	.99	31	.94	.010	.34	222.8	-1.18	-.03		-1.01			
Act.		80	767	1274				35				15.3	.14	2.71		19.1	2.98	5.69	-.79	3	5	7.2
Ratio		102	116	112				96				100	100	100		1	54		1			121

The #1 DMI EPD bull in the sale. 6L19 offers a truly unique pedigree and epd combination that goes back to the powerful donor for us and M6, Miss Mark 138. He ranks above breed average for nearly every trait and the top 20% or better in 8 of them. He is the only bull in the breed that is below 0 for birth, with his carcass combination. He was too young to ratio for ultrasound, but based on his age he would have been well above average for REA and above average for MB. Truly a unique individual. Retaining 1/4 semen interest

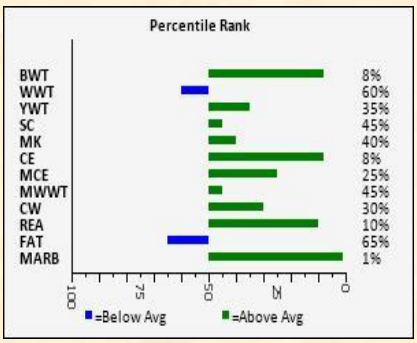
Homozygous Polled

JMAR GAMUL 7L29 M931491 Polled

FF ABOUT TIME Y07
OW LEAD TIME 6294 PLD
OW MISS SANDCREEK 3031

EC NO DOUBT 2022 P
DCR MS DOUBT Z208
JCH MS BLANCO U163

DOB 11/20/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	11.3	-2.7	30	64	12	7.7	26	.9	1.19	1.16	24	.89	.015	.41	220.3	-.98	.03		-.97			
Act.		87	621	1152				34				15.0	.28	2.88		19.1	3.44	5.3	-.2	6	5	5.2
Ratio		100	94	101				94				100	100	100		1	17		1			88

7L29 is absolutely one of our favorite bulls on test. Don't discount him because of his 94 weaning ratio or that he doesn't turn a year old until Nov. 20. His dam had to compete against all 2 year olds and age of dam adjustments. We love the way he's made and his deep soft look. We absolutely love his dam, who is one of the best cows we've ever owned. If you want outstanding females who are easy fleshing with great udders, while still making bulls for the commercial cattleman 7L29 is the bull. He was too young to ratio for ultrasound but had the second highest MB and third highest REA, pretty impressive for his age. Retaining 1/4 semen interest in 7L29

C² C Squared Cattle Company

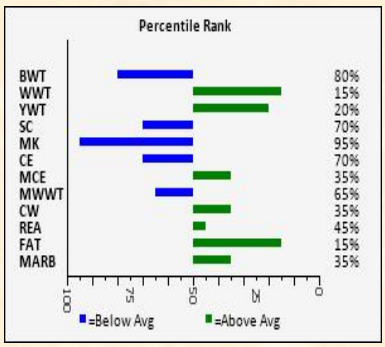
We as seedstock producers take seriously our responsibility to the beef cattle industry.
Our goal is to make genetic improvements to provide better opportunities for breeders. We have strived to produce practical, productive, and profitable genetics to improve the bottom line for beef producers.
Charolais genetics can offer tremendous upside to the beef industry through unmatched heterosis as it affects weaning weights and feedlot performance. The genetics in this offering will improve end product value for future generations.
Feed efficiency will always affect profit margins in your cowherd and in the feedlot. This offering allows selection of cattle measured for this important trait.
We are thrilled to be part of this venue.
Thanks to the staff at the WVU and Reyman Memorial Farm for providing us the opportunity to collect the most complete, comprehensive data in the industry.

C 2 FOREFRONT 9002 M938445 Polled

EC FOREFRONT 8066 PLD
C 2 FOREFRONT 7008
C 2 MS GAIN & GRADE 3021 ET

M6 COOL REP 8108 ET
C 2 COOL LADY 3006
ROR MS BIG TOP 5281 P

DOB 9/12/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	3.6	1.8	42	71	2	6.7	23	.7	1.09	1.02	23	.71	-.008	.14	213.9	-1.0	.01		-.98			
Act.		74	704	1346				36.5				13.2	.20	3.74		23.2	3.26	6.10	-1.7	6	6	6.3
Ratio		85	116	113				96				101	91	91		1	23		1			113

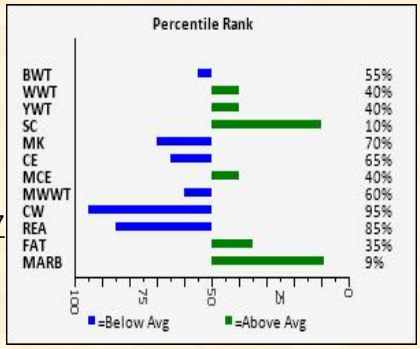
Herd bull here! Out of one the best cows to roam the C 2 pastures. He is stout, long, and functional. Not many bulls have as impressive a look and performance as this bull while still laying in a strong topline and excellent on the move. For his RFI data from GrowSafe, had the highest efficiency out of his contemporary group with an RFI ratio of -1.7. This with a WW ratio of 116 proving he has efficiency and growth in one package. He does it all, growth, maternal, flash & function, and Carcass. A real breeding piece.

C 2 FOREMOST 9008 M938631 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

HCR LEDGER 2509 PLD
C2/WRC BLUE RIDGE DUTCHESS 617
WRC BLUE RIDGE 219

DOB 10/3/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	4.0	.7	34	61	8	6.5	25	1.3	1.20	1.08	8	.54	.001	.22	209.2	-.74	.04		-.69			
Act.		96	582	1168				0				13.0	.24	4.50		19.6	3.37	5.92	-.49	4	6	5.5
Ratio		114	96	98				0				99	109	109		2	11		1			98

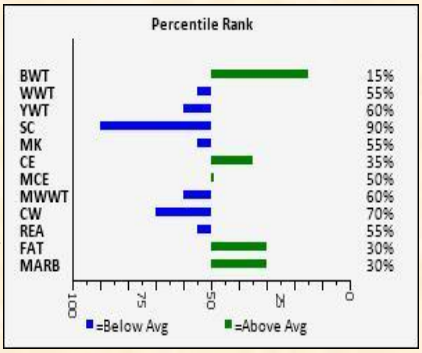
A bull that has a back like a gorilla, a huge deep rib, with an attractive front 1⁄3. Sure to sire calves that bring pounds in at weaning time. On the Efficient side of his contemporary group for RFI. The Best Marbling Bull in the sale with a scan of 4.5! HomozygousPolled

C SQUARED FOREMOST 9010 M938633 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

HCR LEDGER 2509 PLD
C2/WRC BLUE RIDGE DUTCHESS 624
WRC B R DUTCHESS 134

DOB 11/12/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	7.2	-1.9	30	54	9	5.8	25	.5	1.08	1.01	17	.66	-.002	.16	211.6	-.76	.06		-.75			
Act.		83	604	1142				37				12.9	.13	2.12		17.9	3.53	5.55	-.95	5	6	5.2
Ratio		99	100	96				98				100	100	100		1	7		1			92

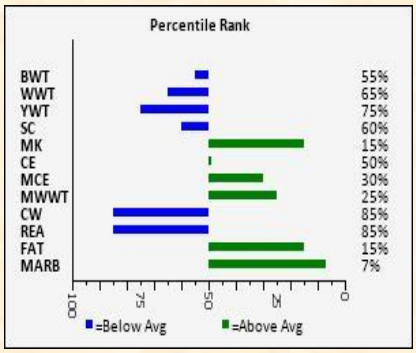
Power and a cow maker. He will be one to use to build a cow herd, should sire easy calving good uddered females. BW epd in top 15% and CE in top 35% combined with the best combination of DMI, ADG and RFI EPD in the entire offering. He can achieve these maternal qualities without sacrificing weaning weight performance. Well made, smooth jointed, powerful middle, soft pasterns, flanked, stout hipped, I could go on forever, he is fun to look at. Homozygous Polled

C 2 FOREMOST 9012 M938632 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

HCR LEDGER 2509 PLD
C2/WRC BLUE RIDGE DUTCHESS 623
WRC B R DUTCHESS 129

DOB 11/14/2019



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EPD	5.9	.5	28	49	16	7.3	30	.8	.97	.94	14	.54	-.008	.23	203.6	-.77	.02		-.72			
Act.		78	672	1131				39				13.8	.2	3.44		17.3	2.78	7.06	-.66	5	6	5.5
Ratio		100	111	95				103				100	100	100		1	18		1			97

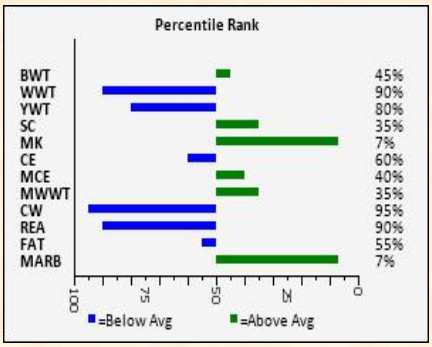
Out of our pick of the 3-year-old cow group. He is top 15% milk and fat and top 7% marbling. Good structured, with an impressively angular shoulder and neck.

C 2 FOREMOST 9016 M938629 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

HCR LEDGER 2509 PLD
C2/WRC BLUE RIDGE 616
WRC B R DUTCHESS 810

DOB 11/29/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	4.8	.1	20	46	18	6.3	28	1.0	1.14	1.09	9	.52	.010	.23	192.8	-.39	.10		-.34			
Act.		90	485	1149				40.7				12.0	.11	2.88		20.0	3.66	6.42	2.29	6	4	5.7
Ratio		107	80	97				107				100	100	100		40	2		17			101

One of the youngest bulls in the sale. Very complete, free moving and masculine. Phenotypically, one that is a lot of fun to look at. Along with that, he brings maternal traits to the table to improve your bottom line. Top 7% Milk and Marbling.

Testerman Charolais
Caleb, Ashlee, Cruz, & Duke
648 True Road
True, WV 25951
Caleb- 304-445-8382
Ashlee- 304-207-2578
testermancharolaisbeef@gmail.com

We are a Registered Charolais Seedstock operation in Southern West Virginia.
Our herd is extensively culled to keep only the best temperament, calving ease, feed efficiency, growth, udder quality, and proven marketable genetics.

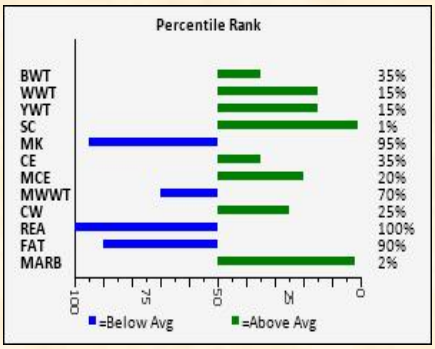
We feel that these traits are very important in today's market, and that proven genetics play a very important role in every herd.
We do not sell anything that we wouldn't own ourselves, the bottom 1/3 end up in the slaughter pen for our beef customers.
"If it isn't going to work for us, it will not work for you."
We love talking Charolais so feel free to give us a call or stop by the farm.

TNT FREE TRADE G1908 P M937808 Polled

LT RIO BLANCO 1234 P
VPI FREE LUNCH 708T
VPI MISS DUCHESS 404 P

M6 SLAM DUNK 3115 P ET
TNT DUCHESS JEWEL E12 P
BAMBOO DUCHESS 5356

DOB 9/18/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	7.3	-.3	41	75	2	8.6	23	2.0	1.27	1.06	26	.36	.028	.31	221.2	-.99	.03		-.94			
Act.		72	522	1157				37				10.3	.19	4.03		18.2	2.78	7.07	-.29	5	7	5.5
Ratio		100	90	96				101				82	86	110		1	17		1			91

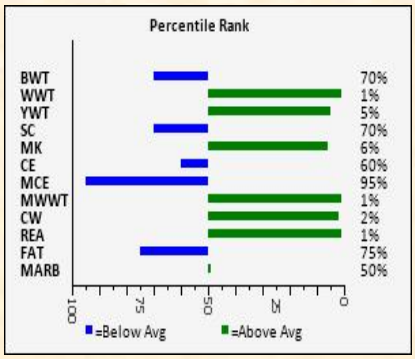
TNT Free Trade 1908 is a thick, solid, functional herdsire prospect. His dam is a daughter of the $45,000 2/3 interest M6 Slam Dunk 3115, who's daughters have been recently topping sales in the East. This is her first calf and the future looks bright for her. His sire is the proven carcass trait giant VPI Free Lunch 708T. 1908 has a unique combination of growth and carcass while maintaining a negative birthweight. Top 15% WW and YW, top 20% marb while maintaining a -0.3 bw EPD. A "do-all" type of bull!

TNT ADMIRABLE G1910 P M937807 Polled

CCC WC RESOURCE 417 P
WC UNCHARTED 7328 P
WC BRENDA 4035 P

M6/RC FRESH AIR 1138 PLD
BAMBOO DUCHESS 5356
BAMBOO DUCHESS 113 ET

DOB 9/20/2019



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EPD	4.6	1.4	52	84	19	-.4	45	.7	1.13	1.04	38	1.13	.020	.11	224.3	-1.16	.01		-1.11			
Act.		84	643	1243				36.5				14.9	.24	3.26		19.8	3.75	4.84	-1.68	5	6	6.7
Ratio		100	110	104				99				118	109	89		1	25		1			110

The number #1 combination DMI and RFI EPD bull in the sale. 1910 has been an exciting mating from the start. Combining WC Uncharted 7328 (the $157,500 2018 Wright Charolais high seller) with one of our top females Bamboo Duchess 5356. She combines M6 Fresh Air x M6 MS 761 NAncy 6100 with Lt Rio Bravo x VPI Miss Duchess 4040. 5356 has a lifetime avg ww ratio of 106! We have retained her first two heifers in our herd. 1910 boasts the highest YW EPD in this offering while also ranking in the top 1% WW, 1% MTL, 4% YW, 4% CW, 6% milk and 9% TSI! Total package here!

CLARK CHAROLAIS

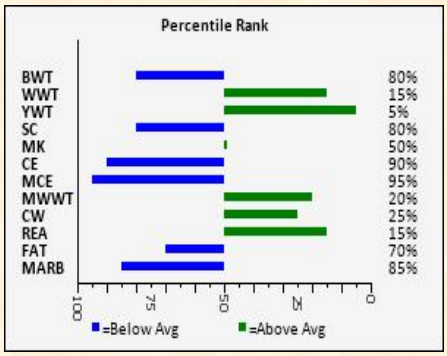
The Clark Charolais herd was started in 1968 and our present day herd is heavily based on one of the original females that excelled for performance. Her family continues to earn the right to stay in the program all these years due to these traits. We strive to breed correct, good looking performance cattle and we are also paying close attention to fertility and carcass traits. Our cattle are ready to work hard for you.

DC RANCHER P M938370 Polled

CJC MR PRESIDENT T122
RS THE CHAIRMAN C709
BHD MS GRID N1749

LT LEDGER 0332 P
DC STAR BRENDA
DC STAR SIGNAL

DOB 10/18/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	0.5	1.9	42	83	10	-.9	31	.6	1.19	1.11	26	.87	.016	.02	225.5	-.99	.01		-.98			
Act.		93	750	1201				30.2				14.1	.13	2.98		21.1	3.57	5.34	.82	6	6	7.1
Ratio		105	109	100				100				100	100	100		1	23		1			100

The Lot 13 bull should put the icing on the cake for anyone that has a nice mature maternal cow herd that they want to breed to a top-end performance bull. His genomic EPDs place him in the top 15% for weaning, top 5% for yearling, top 7% for Terminal Sire Index and top 15% for Rib Eye Area In the Charolais breed. His performance on test has matched up well with his EPD predictions. He is also a smooth made bull with plenty of body length. His dam has produced two top end females we have retained in the herd. "

We're honored to have David Clark of Clark Charolais as a sale partner. David brings a wealth of knowledge about the Charolais breed, pedigrees, breed character and breed integrity, as well as it's historical place here in the U.S. With Clark Charolais performance selection is multi-generational as David's family helped establish the standards for performance based Charolais. Clark Charolais has adapted and utilized emerging technologies and data over the years and are a natural fit as a sale partner to continue the long tradition of breeding the best Charolais cattle available.

C² C Squared Cattle Company

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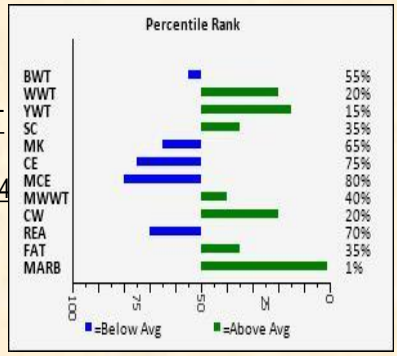
Feed efficiency will always affect profit margins in your cowherd and in the feedlot. This offering allows selection of cattle measured for this important trait.
We are thrilled to be part of this venue.
Thanks to the staff at the WVU and Reyman Memorial Farm for providing us the opportunity to collect the most complete, comprehensive data in the industry.

C 2 MISS FREE LUNCH 9003 F1289899 Polled

EC FOREFRONT 8066 PLD
C 2 FOREFRONT 7008
C 2 MS GAIN & GRADE 3021 ET

ONE PENNY BLANCO FLASH 64
C 2 MISS FREE LUNCH 6005
C 2 MISS FREE LUNCH 3002

DOB 9/13/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	3.3	.7	39	75	8	2.5	28	1.0	1.09	1.03	27	.61	.001	.58	231.5	-.95	.02		-.93			
Act.		82	673	1068								11.7	.3	7.04		19.6	1.3	13.71	.49	5	5	7.8
Ratio		116	113	111								100	120	143		1	17		1			128

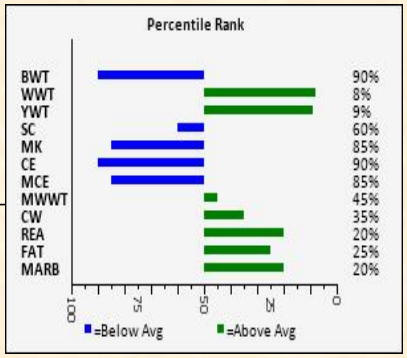
Exciting female here. She was scanned with 7.04 Marbling percent as a yearling! If you are looking for a cow who is easy fleshing, docile, growthy, and has high quality carcass traits, here she is. She has always had a great phenotype, attractive with a deep flank and straight lines. With impressive growth numbers, top 20% for both WW and YW, top 15% TSI, and Top 1% Marbling are sure to top it off.

C 2 COOL LADY 9005 F1291217 Polled

EC FOREFRONT 8066 PLD
C 2 FOREFRONT 7008
C 2 MS GAIN & GRADE 3021

ONE PENNY BLANCO FLASH
C 2 COOL LADY 6011
C 2 COOL LADY 3006

DOB 9/13/2019



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EPD	-.3	2.6	43	78	5	2	27	.9			24	.84	-.003	.18	222.5	-1.02	.01		-.98			
Act.		83	625	1041								12.9	.31	3.93		18.5	1.26	13.82	.29	6	6	6.5
Ratio		120	105	108								110	122	80		1	17		1			107

Super Flashy female, extremely upheaded and neat in her lines with a square and wide rear end. Comes together as a great momma cow prospect who could make a run in the show ring. However, genotype may be what steals the show. Top 15% fat, 10% YW, 9% TSI, 8% WW, and top 2% Marbling. Another female that could become the foundation female in a strong herd.

"Improving the beef industry through performance evaluation"

Beef Improvement FEDERATION

2019-2020 BIF President

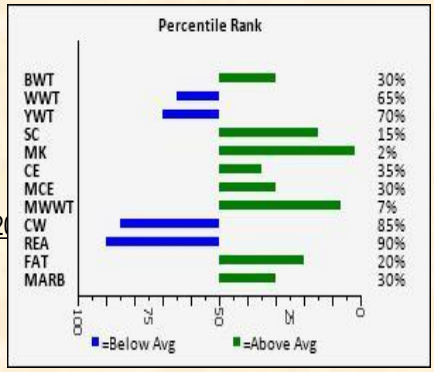
We'd like to congratulate our sale partner Tommy Clark of C Squared Cattle Company for serving as the Beef Improvement Federation President for 2019-2020. We're proud to have you leading the number one beef cattle improvement organization in the world. BIF sets the standard for all performance guidelines used today and seeks to connect science and industry to improve beef cattle genetics world wide. Visit www.beefimprovement.org for more information. Great job Tommy we're proud to have you as a sale partner.

C 2 DUTCHESS 9009 F1289895 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

HCR LEDGER 2509 PLD
C2/WRC BLUE RIDGE DUTCHESS 62
WRC B R DUTCHESS 814

DOB 10/5/2019



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EPD	7.3	-.7	28	51	21	7.2	35	1.2	1.21	1.18	13	.51	-.007	.16	199.3	-.97	-.01		-.88			
Act.		70	661	949								10.8	.19	4.59		15.9	1.59	9.14	-.2	7	6	5.6
Ratio		102	111	98								92	76	93		1	44		1			92

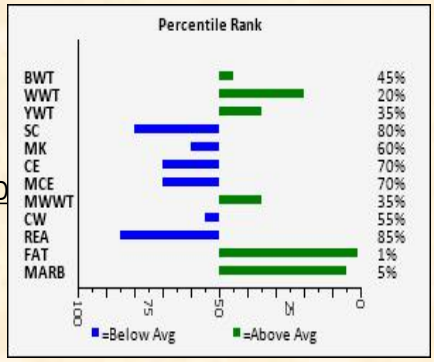
Love the makeup of this heifer, a very balanced and complete look attracts many to love her. The longer you look the more there is to like, this female is so elegantly put together, she has extremely straight lines and moves with grace. A deep flank with easy fleshing stamped all over her. Don't miss out on this one!

C 2 MISS GAIN & GRADE 9014 F1289894 Polled

EC FOREFRONT 8066 PLD
C 2 FOREMOST 7005
C2 MS TANYA 5012

M6 GAIN & GRADE 927 PLD
C 2 MS GAIN & GRADE 3021 ET
M6 MS CIGAR 587 PLD ET

DOB 11/20/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	3.9	.1	39	64	9	3.7	28	.6	1.01	.98	20	.54	-.029	.25	211.5	-.78	.06		-.75			
Act.		70	478	864								10.4	.12	3.71		14.5	2.12	7.68	1.19	6	3	5.0
Ratio		98	80	89								100	100	100		1	6		1			82

The heifer with the most attractive shoulder, neck, and head. Out of 3021, our top Gain and Grade daughter that traces back to the highly regarded Tanya cow.

JMAR GENETICS

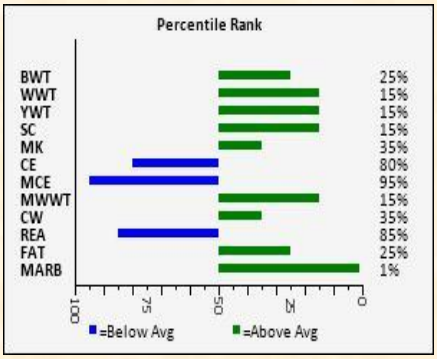
Our goal is to supply our customers with the most data possible for your business decisions, while balancing all the convenience traits you desire as well. We are focused on producing the best terminal Charolais cattle we can, without compromising phenotype, feet and legs or maternal ability. We strive to produce cattle that first make you money, last in your herd and are enjoyable to own. We hope you find that in our cattle.

JMAR CAMEO GIRL 1R69 F1283341 Polled

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

M6 GRIDMAKER 010 P
JMAR CAMEO GIRL 1G67
VPI CAMEO GIRL 006X

DOB 8/15/2019



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EPD	2.4	-1.1	41	74	12	.3	33	1.2	1.06	.96	23	.54	-.004	.35	224.8	-.93	0.0		-.79			
Act.		70	633	958								11.4	.23	5.13		17.7	.68	23.86	.29	5	6	6.9
Ratio		100	102	100								91	100	98		1	39		1			110

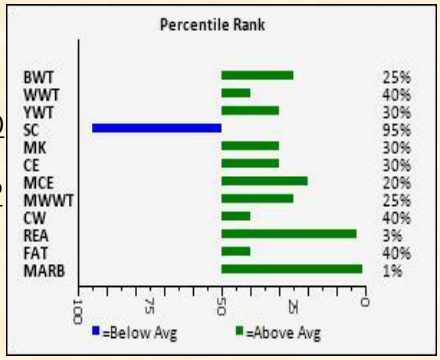
1R69 combines exceptional, balanced EPDs with a tremendous pedigree and maternal prowess. Going back to the tremendous 6X donor, best known as the dam of JMAR Benaiah 1E66 herd sire for Eggleston Charolais and available through ABS. Don't miss an opportunity to add a female from this cow family to your cow herd while still improving your EPD profile as well.

JMAR MS DOUBT 3R29 F1283340 Polled

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

SCHURRTOP V351 E423 P
JMAR MS DOUBT 1E27
DCR MS DOUBT Z208

DOB 8/19/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	7.9	-1	34	66	13	8.4	30	.4	.93	.92	23	1.01	.002	.33	222.0	-.95	.04		-1.0			
Act.		70	607	959								13.8	.22	5.33		16.1	1.34	11.72	-1.26	6	6	5.7
Ratio		100	98	100								109	98	102		1	11		1			90

3R29 is a full sister in blood to Lot 2 and 3 in this sale. A mating that demonstrates exceptional muscle and marbling combined. Rarely do we see and EPD profile where nearly every trait is above breed average represented by green bars in the bar graph above. A unique pedigree and EPD profile backed by a tremendous cow family and the Z208 donor.

DESCO
Charolais Farm

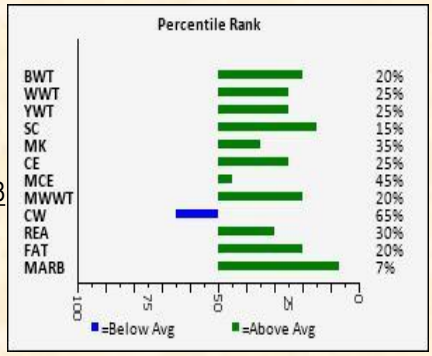
Our mission at Desco Charolais Farm is to produce genetics with the best growth and carcass traits available while maintaining ideal calving ease and maternal ability. We do this by acquiring females in the breed that are outliers in those traits and using Advanced Reproduction Technology to propagate those genetic traits with complimentary sires. If you are serious about beef production, we think our genetics will increase your profitability.

DESCO LADY FOREFRONT 910 P F1285497 Polled

RAILE 2250 T077
EC FOREFRONT 8066 PLD
EC LADY ASSET 8066 PLD

M6 BELLS & WHISTLES 258
DESCO LADY BELLE 715
OHF MISS DUCHESS K906

DOB 8/30/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	8.8	-1.3	38	68	12	6.2	31	1.2	.92	.80	18	.78	-.006	.24	218.8	-.97	.01		-.93			
Act.		69	704	930								10.5	.23	4.15		18.1	2.25	8.29	-.07	7	4	6.8
Ratio		100	100	100								100	100	100		1	22		1			100

Lady Forefront 910 comes from the proven K906 cow family from Buzhardt Farms. With 10 EPDs in the top 30% of the breed her progeny should perform . Check out this daily gain and feed efficiency making her a very profitable investment. She will likely transmit the extreme calving ease of her sire!

Daren Statler of Desco Farms and Keystone Embryo Transfer is an AETA certified veterinarian. Daren knows the value of identifying and propagating superior genetics. He's seen first hand how the use of genomics and embryo transfer has transformed the dairy industry overnight. He and all our sale partners believe in utilizing these technologies combined with the most data available to provide our customers with the best, most predictive and reliable product we can.

Testerman Charolais
Caleb, Ashlee, Cruz, & Duke
648 True Road
True, WV 25951
Caleb- 304-445-8382
Ashlee- 304-207-2578
testermancharolaisbeef@gmail.com

We are a Registered Charolais Seedstock operation in Southern West Virginia.
Our herd is extensively culled to keep only the best temperament, calving ease, feed efficiency, growth, udder quality, and proven marketable genetics.

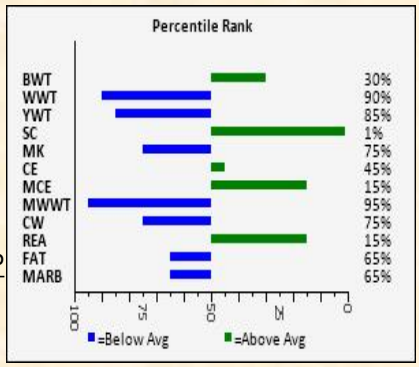
We feel that these traits are very important in today's market, and that proven genetics play a very important role in every herd.
We do not sell anything that we wouldn't own ourselves, the bottom 1/3 end up in the slaughter pen for our beef customers.
"If it isn't going to work for us, it will not work for you."
We love talking Charolais so feel free to give us a call or stop by the farm.

TNT ATHENA'S OBSIDIAN G1911 P F1284056 Polled

M6 NEW STANDARD 842 P
M6 NEW MARK 6168 P ET
M6 MS 5078 MARK 635 PLD

M6 SLAM DUNK 3115 P ET
RS MS TRUE DUNK
WC TNT TRUE CACHE A51 P

DOB 11/18/2019



	ce	bw	ww	yw	m	mce	Mtl	sc	ud	te	cw	rea	ft	mb	tsi	dmi	adg	f/g	rfi	fa	cs	fs
EPD	6.5	-.6	21	43	6	8.7	17	1.7	1.27	1.22	15	.87	.015	.07	193.0	-1.04	-.01		-.98			
Act.		65	433	879								11.6	.16	3.03		12.6	2.25	6.04	-1.52	5	5	5.3
Ratio		108	87	100								0	0	0		1	47		1			100

The top DMI EPD heifer in the sale. TNT Athena's Obsidian 1911 is the first heifer to sell out of M6 New Mark 6168. She is out of a soggy, square hipped, beautiful uddered M6 Slam Dunk daughter who traces back to our donor LT Athena's Treasure 6188, whom we own with Wright Charolais in Missouri. Her sire, M6 New Mark 6168, is an exciting female maker, as we have retained almost every heifer calf he has produced. The M6 New Standard x M6 Cool Rep pairing proved for years to be extremely profitable and productive for the M6 Ranch in Texas. Exciting opportunity to acquire a female that has the look, pedigree and potential to be an elite female in any herd.

We're proud to have Testerman Charolais as a sale partner. While they share in the vision of utilizing technology and data to make rapid improvements in beef cattle genetics, they also keep us grounded in the fact that our cattle still have to be sound, functional, problem free and attractive. We still want to make cattle that not only have breed leading genetics, but are also a pleasure to own.

Reference Sires

EC FOREFRONT 8066 PLD M818462

Homozygous Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	4.0	-1.8	38	68	10	5.4	28	.8
	ud	te	cw	rea	ft	mb	tsi	
EPD	.99	.98	12	.76	-.007	.32	221.6	

OW LEAD TIME 6294 PLD M875419

Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	8.7	-3.2	32	65	14	4.7	30	1.2
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.15	1.13	21	.81	.019	.46	224.8	

JMAR BENAIAH 1E66 M875419

Homozygous Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	6.1	.4	49	92	9	7.7	33	.6
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.16	1.10	33	.71	.019	.50	243.4	

VPI FREE LUNCH 708T M875419

Homozygous Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	9.5	-1.9	37	74	3	7.8	22	2.4
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.34	1.22	36	.42	.058	.47	225	

Reference Sires

WC UNCHARTED 7328 P M818462

Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	6.5	-.3	59	89	25	2.3	54	.8
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.37	1.26	35	.96	.016	.12	227.6	

RS THE CHAIRMAN C709 M875419

Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	1.1	2.2	39	67	7	-2.2	26	.1
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.12	1.08	16	.64	-.005	-.05	205.3	

M6 New Mark 6168 M875419

Polled

	ce	bw	ww	yw	m	mce	Mtl	sc
EPD	-1.1	2.9	35	66	9	2.5	26	1.9
	ud	te	cw	rea	ft	mb	tsi	
EPD	1.43	1.37	25	.84	.001	.09	209.4	

THANK YOU!

We want to sincerely thank you for taking the time to view our sale catalog and our cattle. We know it's a lot of information to digest, quite possibly more than you will find anywhere else in the industry. However, we are committed to making the extra effort, the extra time and extra expense to provide you with the most predictable, reliable, informative and profitable product we can offer. Hence the title "Quality Over Quantity. We genuinely hope you feel the same and find that in this offering! Please don't hesitate to give us a call if you have any questions or need help in any way.

JMAR Genetics
812 Patteson School Rd.
Appomattox, VA 24522

Quality Over Quantity
October 17th