THE PIC BULL SALE

Maple Hill Auction Facility
Hanover, ON

Saturday, March 28, 2020 @ 4 pm

PIC Sale Catalogue and other information go to our Facebook page:

https://www.facebook.com/ThePICBullSale/

BIO
294 Mill St E Unit 209
Elora, ON   N0B 1S0
p: 855.246.2333
f: 519.767.2502
www.bridgingintelligence.com

Bull Evaluation Centre Report

202016 WAYDAMAR FARMS   **(End of Test)**   Test Date: **29 Feb 2020** Days on Test: **112**

Centre Manager: **DAVID MILLINER**   Start of Test Date: **09 Nov 2019**

Phone #:   **519-923-9188**   End of Test Date: **29 Feb 2020**

EMail: **dgmilliner@everus.ca**   Pick Up Date:

Address: **225641 SOUTHGATE RD 22,R.R. #1 , DUNDALK , ON , N0C 1B0**

Ration Statement:

Note: **1. Check the information on your BULL(s) to ensure the pedigree, birth date, tattoo, and weaning data is complete and accurate.**
2. For best results clients need to submit complete herd data with complete weaning weights on all their calves to bioTrack, our Herd Evaluation Service. Calves with incomplete herd data will not receive genetic evaluations nor BIO Economic Indexes. If no data is submitted to BIO, then the calves in the bull evaluation centre will be regarded as UNOFFICIAL. Unofficial calves will not receive genetic evaluations, BIO Economic Indexes nor certificates and may not eligible for awards that are offered from time to time.
3. If you have questions on data submission, please contact our office.

A Guide to BIO's Bull and Heifer Evaluation Reports and BIO's Genetic Evaluations

Report Features

- Objectively Compare all animals using our across breed comparisons -ABCs - Allows you to compare all the bulls in the group for their genetics, regardless of their breed. Bulls are listed on the report by the tag number.
- Quickly know where an animal ranks for a trait using the percentile ranking. Our percentile rankings range from 1 (lowest) to 99 (highest) tells you how an animal ranks for the trait you're looking at. All animals are ranked for each trait! The rankings compare all animals evaluated over the past 3 years for that trait.
    - Across breed Percentiles (%AB) allow you to compare purebred, crossbred, and composite animals across breeds.
    - Within breed Percentiles (%WB) allow you to compare purebred animals within its breed.
    - Example: A bull or heifer that has a percentile of 99 (99th percentile) is in the top 1% of all animals evaluated for that trait or index; a bull in the 80th percentile is in the top 20%, etc.
- Most current genetic evaluations - The Herd Recording traits (CE, BW, WG, MILK) are updated on the 84-day and End-of-test reports, to reflect the added information of weights taken on test. The End-of-test evaluations use the animal's on-test performance and all related performance data in the database to calculate the ABC and are therefore the most current evaluations in the industry.

Features of BIO's Genetic Evaluations (ABCs) and Economic Indexes

- Genetic Evaluations - the most accurate method to express genetic ability of an animal. They are adjusted for environment and can be used to compare animals across herds and evaluation centres.
- ABC - Across Breed EPD or Comparison - Estimate of how future progeny of an animal are expected to perform in each of the traits. Comparisons can be made within breeds and across breeds. For example, a bull or heifer with a Yearling Gain ABC of +85 will produce progeny that are on average 50 pounds heavier than progeny from a bull with a Yearling Gain ABC of +35.
- Accuracy - Measure of the amount of information used to calculate the ABC.   Ranges from 1 (least) to 99 (most). Evaluations based on pedigree information only are noted as 'PE' (pedigree estimate).
- BIO$: This is an index that considers several traits in determining better bulls when mated to average cows and is aiming at efficient lean meat production for a market focused on AA carcasses between 775 and 900 pounds. Use the BIO$ index to identify top prospect bulls and then look at specific ABC's within that group for traits that you value in your operation.
- ABCs (Across Breed EPDs) for all animals evaluated by BIO are on a fixed base. The base is a multi-breed average of animals born 1995-1998:

Trait	CE	BW	WG	MILK	PWG	YG	FAT	REA	%IMF	SC	BIO$
Base	0	0	+30	+15	+20	+50	0	0	0	0	+2000

Report Definitions and Legend

Herd Measurements (BIO believes in Whole Herd Recording)

CE - *Calving Ease* - The ease or difficulty with which the animal was born. The categories are unassisted (U), easy pull (E), hard pull (H), surgical (S) or malpresentation (M).

BW - *Birth weight (lbs)* of the animal.

AWW - *Adjusted Weaning Weight (lbs)* - The on-farm weaning weight of the animal adjusted to 200 days of age. Adjustments are made for age of dam and sex of calf.

WI - *Weaning Index* - Within-herd index based on adjusted weaning weight. Use to compare calves in the same pre-weaning management group. A minimum of five calves in a management group is required to receive an index. ET indicates an embryo transplant calf.

Test Evaluation Measurements (based on the animal's performance in the evaluation centre)

SOT - *Start of Test Weight (lbs)*

EOT - *End of Test Weight (lbs)*

ADG - *Average Daily Gain (lbs/day)* - The regressed average daily gain during the animal evaluation period. All monthly weighings are used in determining the adg.

WPDA - *Weight Per Day of Age (lbs/day)* - Weight taken at weigh period divided by days of age and includes birth weight.

HH - *Hip Height (inches)* - Height of the animal over the hip bones at EOT.

FRAME - *Frame Score* - A 1 to 10 scale calculated using hip height and age, according to Beef Improvement Federation guidelines.

FAT - *Backfat (mm)* - Measured ultrasonically between the 12th and 13th ribs (grading site) at the end of the test.

REA & AdjREA - *Rib Eye Area (square inches)* - Measured ultrasonically between the 12th and 13th ribs (grading site) at the end of the test. The AdjREA is adjusted to 365 days of age.

%IMF & Adj%IMF - *Percent Intramuscular Fat (Marbling)* - Measured ultrasonically between the 12th and 13th ribs (grading site) at the end of test. NR indicates the animal had too little %IMF to measure. Adj %IMF is adjusted to 365 days.

GRADE - *%IMF expressed as marbling grade (A, AA or AAA)* - PD indicates practically devoid, which is less than 1.86 %IMF. Animals near the border of a category are shown as a combination of the two categories (i.e. A-AA).

SC & AdjSC - *Scrotal Circumference (cm)* - End of test measure of scrotal circumference. Indication of the semen producing ability of the bull. 'ABN' indicates abnormal testicles (size, shape, injury) and no measurement is taken. AdjSC is adjusted Scrotal circumference and is adjusted to one year of age.

Genetic Evaluations - Across Breed EPDS (ABCs)

CE - *Calving Ease ABC* - is a genetic prediction of the increase (+) or decrease (-) in percent <u>unassisted</u> calvings if the bull is mated with heifers that are an average size and have average calving ability.

BW - *Birth Weight ABC (lbs)* - The effect the animal will have on the birth weight of their calves.

WG - *Weaning Gain ABC (lbs)* - The ability of the animal's calves to grow from birth to weaning.

MILK - *Milk/ Mothering ability ABC (lbs of calf at weaning)* - The ability of a animal's daughters to provide their calves with milk and mothering ability.

PWG - *Post-Weaning Gain ABC (lbs)* - Indicates the ability of an animal's calves to grow from weaning to yearling.

YG - *Yearling Gain ABC (lbs)* - Indicates the ability of a animal's calves to grow from birth to yearling.

FAT - *Backfat thickness ABC (mm)* - The ability of a animal's progeny to deposit backfat (finishing ability), adjusted to a common age.

REA - *Rib Eye Area ABC (square inches)* - Predictor of the differences in progeny ribeye area (muscling), adjusted to a common age.

%IMF - *Intramuscular Fat ABC (Marbling)* - The ability of a animal's progeny to deposit marbling fat, adjusted to a common age.

SC - *Scrotal Circumference ABC (cm)* - Indicates the ability of a bull to transmit scrotal size to male progeny. It is a partial indicator of daughter's age at puberty.

202016 WAYDAMAR FARMS

Genetic Evaluations (22 Mar 2020)

Tag 005G | Pen | Tattoo | MWY 5G

Contact **DAVID MILLINER - WAYDAMAR FARMS**
HC/Breed   **SIMMENTAL**   519-923-9188
Birthdate 01Jan2019   Colour
SireSire   **ELLINGSON LEGACY M229 OLIE**
Sire   **TNT R77`S LEGACY Z330**
Dam   **MWY 65E**
DamSire   **RICHWOOD ADMIRAL 26A**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	43	36	99	89	89	97	25	88	46	80	87
ABC Acc	**1** 34	**-.2** 56	**69** 47	**32** 15	**45** 49	**113** 48	**-.31** 52	**.63** 46	**.04** 46	**1.04** 63	4522
%wb	78	72	94	71	87	93	28	91	76	58	85

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	88	N/A		1080	1528	3.99	3.60	52.0	5.8	5	15.8	14.2	1.89	1.63	PD-A	42.0	39.8

Tag 007G | Pen | Tattoo | MWY 7G

Contact **DAVID MILLINER - WAYDAMAR FARMS**
HC/Breed **P**   **SIMMENTAL**   519-923-9188
Birthdate 12Jan2019   Colour **BLACK WF**
SireSire   **SPRINGCREEK LOTTO 52Y**
Sire   **Mcrobdon Lotto Max 8C**
Dam   **MWY 6B**
DamSire   **MAPLEROSE SUPERMAN**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	21	21	98	52	96	98	56	64	47	88	81
ABC Acc	**-1** 27	**1.2** 57	**66** 46	**24** 18	**53** 49	**119** 48	**.21** 53	**.34** 48	**.05** 48	**1.28** 63	4251
%wb	45	48	93	22	95	95	88	61	77	73	78

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	90	N/A		845	1336	4.44	3.23	51.5	5.7	6	13.1	12.1	1.56	1.38	PD	39.5	37.7

Tag 011G | Pen | Tattoo | MWY 11G

Contact **DAVID MILLINER - WAYDAMAR FARMS**
HC/Breed **P**   **SIMMENTAL**   519-923-9188
Birthdate 11Jan2019   Colour **RED WF**
SireSire   **KUNTZ MARSHALL 12Y**
Sire   **Kuntz Sheriff 8A**
Dam   **MWY 9E**
DamSire   **OAKVIEW BREAKING BAD 11B**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	36	37	74	58	93	89	41	53	44	82	62
ABC Acc	**0** 38	**-.3** 56	**47** 51	**25** 11	**48** 50	**95** 51	**-.07** 48	**.22** 43	**.03** 43	**1.09** 62	3716
%wb	70	73	39	27	91	75	59	43	72	62	59

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	85	N/A		765	1265	4.43	3.06	51.0	5.4	5	14.2	13.1	1.82	1.60	PD	40.0	38.2

Tag 028G | Pen | Tattoo | MWY 28G

Contact **DAVID MILLINER - WAYDAMAR FARMS**
HC/Breed **P**   **SIMMENTAL**   519-923-9188
Birthdate 23Jan2019   Colour **RED**
SireSire   **TNT BOOTLEGGER Z268**
Sire   **MRL CAPONE 130B**
Dam   **WAYDAMAR RED RUBY 27Z**
DamSire   **JF MILESTONE 999W**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	36	30	99	58	97	99	68	55	18	43	81
ABC Acc	**0** 29	**.3** 58	**72** 46	**25** 19	**54** 49	**126** 48	**.63** 49	**.24** 43	**-.09** 43	**.33** 60	4230
%wb	70	63	96	28	95	97	98	47	21	11	78

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	89	N/A		930	1435	4.45	3.57	52.0	6.0	8	12.9	12.1	1.42	1.29	PD	38.5	37.1

Tag 032G | Pen | Tattoo | MWY 32G

Contact **DAVID MILLINER - WAYDAMAR FARMS**
HC/Breed **P**   **SIMMENTAL**   519-923-9188
Birthdate 28Jan2019   Colour **BLACK**
SireSire   **LFE GOTHAM 819Y**
Sire   **LFE THE RIDDLER 323B**
Dam   **MWY 28B**
DamSire   **TNT R77`S LEGACY Z330**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	41	37	99	66	91	98	30	73	20	91	79
ABC Acc	**1** 21	**-.3** 51	**69** 39	**26** 14	**46** 46	**115** 43	**-.24** 49	**.44** 44	**-.07** 44	**1.38** 60	4169
%wb	76	73	95	36	89	94	35	74	24	78	76

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	91	N/A		825	1264	4.14	3.18	51.0	5.6	3	13.8	13.1	1.48	1.36	PD	42.0	40.8

202016 WAYDAMAR FARMS

Genetic Evaluations (22 Mar 2020)

Tag 036G — Pen — Tattoo — MWY 36G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	07Feb2019	Colour RED
SireSire	SPRINGCREEK LINER 104S	
Sire	LRX BLACKHAWK 16D	
Dam	MWY 34Z	
DamSire	MARYWOOD BLK MANHATTEN 81	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	19	22	71	71	96	92	17	89	52	96	85
ABC Acc	-2 22	1.1 53	46 41	27 18	53 45	99 43	-.44 49	.66 43	.07 43	1.66 60	4425
%wb	41	50	36	42	95	81	16	92	86	88	83

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	91	N/A		765	1253	4.61	3.24	50.0	5.2	3	15.4	14.8	1.89	1.78	PD-A	42.0	41.2

Tag 043G — Pen — Tattoo — MWY 43G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	04Jan2019	Colour RED
SireSire	LRX THE GODFATHER 141Z	
Sire	OAKVIEW BREAKING BAD 11B	
Dam	MWY 45Z	
DamSire	MAPLEROSE SUPERMAN	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	26	33	95	32	99	99	61	79	44	76	97
ABC Acc	-1 34	.0 58	59 48	20 19	75 49	134 49	.37 53	.50 47	.03 47	.95 63	5291
%wb	55	68	81	9	99	98	95	82	72	52	96

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	88	N/A		870	1466	5.38	3.48	52.0	5.8	8	14.3	13.0	2.04	1.77	PD-A	40.5	38.5

Tag 067G — Pen — Tattoo — MWY 67G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	08Feb2019	Colour BLACK
SireSire	Triple C Singletary	
Sire	RICHWOOD ADMIRAL 26A	
Dam	Waydamar Black xey 7	
DamSire	CSR MR ASPHALT 162S	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	27	25	86	93	94	94	32	76	57	75	80
ABC Acc	-1 32	.8 59	52 49	34 26	49 52	101 51	-.21 56	.47 51	.12 51	.92 64	4193
%wb	56	55	59	81	92	84	39	77	94	49	77

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	92	N/A		740	1255	4.69	3.25	51.0	5.7	4	12.7	12.3	2.11	2.00	PD-A	40.0	39.2

Tag 068G — Pen — Tattoo — MWY 68G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	22Feb2019	Colour BLACK
SireSire	Triple C Singletary	
Sire	RICHWOOD ADMIRAL 26A	
Dam	Waydamar BLK Fancy 7	
DamSire	MAPLEROSE SUPERMAN	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	29	32	99	85	99	99	31	91	61	52	98
ABC Acc	0 35	.1 60	87 50	31 27	73 53	159 52	-.22 56	.71 52	.16 52	.51 65	5666
%wb	59	67	99	65	99	99	37	94	97	20	98

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	96	N/A		925	1486	4.93	3.99	53.0	6.9	4	14.5	14.3	2.09	2.05	PD-A	37.5	37.2

Tag 083G — Pen — Tattoo — MWY 83G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	18Jan2019	Colour BLACK
SireSire	COME AS U R RED ROCKET	
Sire	MRL MISSILE 138C	
Dam	MWY 100A	
DamSire	BLACK IRISH KANSAS	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	49	42	80	72	98	96	24	47	9	74	63
ABC Acc	2 25	-.7 57	49 45	27 16	57 47	106 46	-.33 50	.16 44	-.15 44	.90 61	3740
%wb	84	79	47	43	97	88	26	34	7	48	60

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	91	N/A		875	1422	4.95	3.49	51.5	5.7	4	13.8	12.8	1.16	1.04	PD	40.0	38.5

The Symbol of Quality for Beef Production

Tag 086G | Pen | Tattoo | MWY 86G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	03Feb2019	Colour BLACK
SireSire	WELSH'S WARSAW 312ZC	
Sire	HART STATE OF WAR 056C	
Dam	Waydamar BLK Nevada	
DamSire	MARYWOOD BLK 7S DICE 13W	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	25	20	75	61	77	79	38	64	64	80	57
ABC Acc	-1 21	1.3 53	47 41	25 18	39 46	87 44	-.12 50	.34 45	.21 45	1.04 62	3605
%wb	53	46	40	30	74	59	51	62	99	58	55

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	88	N/A		780	1242	4.15	3.18	51.5	5.9	4	12.9	12.3	2.60	2.43	PD-A	39.5	38.6

Tag 088G | Pen | Tattoo | MWY 88G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	07Jan2019	Colour RED WF
SireSire	LRX THE GODFATHER 141Z	
Sire	OAKVIEW BREAKING BAD 11B	
Dam	MWY 87B	
DamSire	Waydamar Red Travare	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	25	32	51	31	98	93	48	46	27	63	65
ABC Acc	-1 33	.1 57	41 46	20 18	59 47	100 47	.04 52	.15 46	-.04 46	.70 62	3779
%wb	53	67	17	8	98	82	74	31	36	31	61

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	88	N/A		785	1296	4.69	3.10	50.5	5.1	6	12.2	11.2	1.58	1.38	PD	39.5	37.6

Tag 096G | Pen | Tattoo | MWY 96G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	01Feb2019	Colour BLACK
SireSire	KUNTZ MARSHALL 12Y	
Sire	Kuntz Sheriff 8A	
Dam	MRL MISS 7447E	
DamSire	HART STATE OF WAR 056C	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	56	53	29	24	45	37	51	23	52	83	15
ABC Acc	2 32	-1.5 53	35 45	18 9	31 48	66 47	.11 48	-.15 42	.07 42	1.11 62	2406
%wb	88	87	6	5	39	16	80	1	86	63	11

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	79	N/A		610	1072	4.28	2.73	50.0	5.1	6	11.7	11.2	1.93	1.79	PD-A	39.5	38.5

Tag 097G | Pen | Tattoo | MWY 97G

Contact	DAVID MILLINER - WAYDAMAR FARMS	
HC/Breed	P SIMMENTAL	519-923-9188
Birthdate	02Jan2019	Colour BLACK
SireSire	WELSH'S WARSAW 312ZC	
Sire	HART STATE OF WAR 056C	
Dam	WAYDAMAR BLK EDITION EILEN 98E	
DamSire	TH BLACK EDITION 8R	

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF	SC	BIO$
%ab	21	15	85	60	58	77	22	36	54	79	22
ABC Acc	-1 18	2.0 47	51 37	25 10	34 42	85 40	-.36 45	.04 39	.09 39	1.02 59	2726
%wb	45	34	57	29	52	56	23	13	90	56	19

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade	SC	AdjSC
U	87	N/A		795	1265	4.30	2.99	51.0	5.3	4	13.3	12.1	2.13	1.84	PD-A	40.5	38.4

Breed Summary Averages

Breed	#	% U	BWT	AWW	SOT	28D	56D	84D	EOT	ADG	WPDA	Hip Height	Frame Score	Back Fat	REA	Adj REA	%IMF	Adj %IMF	Scrotal
SIMMENTAL	14	100	89		828	949	1099	1218	1328	4.53	3.29	51.3	5.7	5	13.6	12.8	1.84	1.67	40.1
Group Averages	14	100	89		828	949	1099	1218	1328	4.53	3.29	51.3	5.7	5	13.6	12.8	1.84	1.67	40.1