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Heifer Development Centre Report

201075 MARYWOOD SIMMENTALS

(End of Test)

Test Date: **12 Feb 2010** Days on Test: **173**

Centre Manager: **RON AND MARYELLEN WOODDISSE**

Start of Test Date: **23 Aug 2009**

Phone #: **519-638-3571**

End of Test Date: **12 Feb 2010**

E Mail: **marywoodsimentals@gmail.com**

Pick Up Date:

Address: **R.R.#1, 8491 CONS.14 , PALMERSTON , ON , N0G 2P0**

Ration Statement:

- Note:**
- 1. Check the information on your HEIFER(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 our Herd Evaluation Service or bioTrack. If no data is submitted to BIO's Herd Evaluations Services, then the calves in the heifer evaluation centre will be regarded as UNOFFICIAL. Unofficial calves will not receive genetic evaluations, BIO Economic Indexes nor certificates.**
 - 3. Give the office a call for worksheets or instructions on using bioTrack (on-line entry) to submit your herd data.**

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 unassisted 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.

Heifer Development EOT Report

201075 MARYWOOD SIMMENTALS



Genetic Evaluations (01 Mar 2010)

Tag 0001 Pen **RJW 1W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **01Jan2009** Colour
 SireSire **KSU MANHATTAN 38J**
 Sire **MARYWOOD RED MANHATTEN44P**
 Dam **RJW 15S**
 DamSire **MARYWOOD 17K BLK IRISH 10N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	49	36	92	75	97	97	17	75	70
ABC Acc	1 33	.3 58	49 49	24 17	50 46	100 48	-56 51	.32 47	.27 47
%wb	85	78	75	34	97	94	24	58	99

BIO\$
86
3930
90

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	85	718	111	733	1170	2.53	2.87			5	12.1	11.3	6.01	5.39	AAA

Tag 0002 Pen **MRJW 2W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **01Jan2009, Twin** Colour
 SireSire **HC POWER DRIVE 88H**
 Sire **KENCO/MF POWERLINE 204L**
 Dam **MARYWOOD 10N BLK LADY 94R**
 DamSire **MARYWOOD 17K BLK IRISH 10N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	44	28	30	76	79	59	7	42	21
ABC Acc	0 31	1.2 55	30 47	24 22	36 45	66 46	-76 51	-.03 46	-.16 46
%wb	81	64	6	35	73	30	7	9	24

BIO\$
28
2153
19

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	65	571	88	492	825	1.92	2.03			3	10.8	10.2	3.56	3.19	A-AA

Tag 0003 Pen **MRJW 3W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **01Jan2009, Twin** Colour
 SireSire **HC POWER DRIVE 88H**
 Sire **KENCO/MF POWERLINE 204L**
 Dam **MARYWOOD 10N BLK LADY 94R**
 DamSire **MARYWOOD 17K BLK IRISH 10N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	34	19	83	76	94	92	51	36	26
ABC Acc	-1 31	2.2 55	44 47	24 22	45 45	89 46	-.01 51	-.09 46	-.13 46
%wb	69	47	54	35	92	83	85	6	34

BIO\$
45
2646
39

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	70	676	104	585	955	2.14	2.35			9	10.3	9.7	3.85	3.45	A-AA

Tag 0004 Pen **MRJW 4W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **04Jan2009** Colour
 SireSire **NICHOLS LEGACY G151**
 Sire **CNS DREAM ON L186**
 Dam **KHL TWIST AND SHOUT 707T**
 DamSire **STONEY SIDEKICK 13N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	71	57	97	96	75	92	53	64	40
ABC Acc	3 31	-1.4 55	55 46	32 18	34 44	89 45	.04 50	.21 45	-.06 45
%wb	96	92	90	82	67	83	88	38	63

BIO\$
73
3409
76

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	79	747	115	726	1005	1.61	2.49			7	12.1	11.4	3.52	3.18	A-AA

Tag 0005 Pen **MRJW 5W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **04Jan2009** Colour
 SireSire **LCHMN BLACK ASPHALT 7068**
 Sire **PPSR NOPHALT 20H**
 Dam **MRJW 23S**
 DamSire **MARYWOOD 17K BLK IRISH 10N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	46	36	48	89	78	67	50	48	62
ABC Acc	1 24	.4 55	35 46	28 27	36 45	70 45	-.04 47	.05 41	.12 41
%wb	83	78	14	61	71	40	83	14	96

BIO\$
51
2797
47

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	80	601	93	603	975	2.15	2.41			7	10.7	10.1	5.28	4.77	AAA

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Genetic Evaluations (01 Mar 2010)

Tag **0007** Pen Tattoo **MRJW 7W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **06Jan2009** Colour
 SireSire **HC POWER DRIVE 88H**
 Sire **KENCO/MF POWERLINE 204L**
 Dam **RJSA 10S**
 DamSire **DOVERS NIGHTRIDER 203M**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	37	22	59	51	67	65	51	95	21
ABC Acc	0 31	1.8 57	37 48	20 19	32 45	69 47	-0.02 49	.68 44	-1.17 44
%wb	73	54	22	13	56	37	85	95	23

BIOS\$
70
3335
73

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	87	624	96	621	960	1.96	2.39			8	14.4	13.5	3.48	3.16	A

Tag **0010** Pen Tattoo **MCRD 10W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **18Jan2009** Colour
 SireSire **3C REDMAN M660 H**
 Sire **RICHWOOD 138N REDMAN 49R**
 Dam **MCRD 10S**
 DamSire **LAZY S RED SHOCKER 226L**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	65	42	91	24	96	96	49	89	66
ABC Acc	2 28	-2 56	49 46	14 19	47 44	96 45	-0.06 50	.50 44	.18 44
%wb	94	83	73	3	95	91	82	85	98

BIOS\$
91
4206
94

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	85	692	107	660	1102	2.55	2.83			7	13.4	12.8	5.19	4.86	AA-AAA

Tag **0012** Pen Tattoo **MRJW 12W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **18Jan2009** Colour
 SireSire **3C FULL FIGURES C288**
 Sire **SAS FULL BORE L531**
 Dam **MRJW 2S**
 DamSire **MARYWOOD 17K BLK IRISH 10N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	67	58	80	96	77	81	54	44	21
ABC Acc	3 23	-1.5 53	43 42	33 18	35 39	78 40	.07 44	.00 38	-1.16 38
%wb	95	93	49	84	69	62	89	10	24

BIOS\$
52
2836
49

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	78	717	111	686	1060	2.16	2.72			8	10.9	10.5	3.77	3.53	A-AA

Tag **0014** Pen Tattoo **MRJW 14W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **01Feb2009** Colour
 SireSire **TNT TWISTER J6**
 Sire **MARYWOOD 15L TWISTER 1P**
 Dam **MRJW 8S**
 DamSire **LRS PARAMOUNT 68M**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	66	65	83	80	26	53	59	86	42
ABC Acc	2 27	-2.0 55	44 41	25 10	19 42	63 42	.21 49	.45 43	-.05 43
%wb	94	95	54	43	9	23	94	79	66

BIOS\$
61
3071
61

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	80	673	104	605	950	1.99	2.53			9	13.0	12.8	4.47	4.34	AA

Tag **0015** Pen Tattoo **MRJW 15W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **07Feb2009** Colour
 SireSire **TE MCCALLISTER 15G**
 Sire **KHL THUNDER STRUCK 717T**
 Dam **STONEY SIDEKICK 13N**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	70	52	69	55	44	56	13	83	32
ABC Acc	3 22	-0.9 53	40 45	21 25	25 44	65 44	-.63 44	.41 39	-1.10 39
%wb	95	90	32	15	26	27	16	75	46

BIOS\$
54
2897
52

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	75	659	102	552	835	1.64	2.26			4	12.3	12.2	3.72	3.67	A-AA

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Genetic Evaluations (01 Mar 2010)

Tag	0016	Pen		Tattoo	RJW 16W
Contact	RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL				
HC/Breed	SIMMENTAL				519-638-3571
Birthdate	07Feb2009	Colour			
SireSire	TNT TWISTER J6				
Sire	MARYWOOD 15L TWISTER 1P				
Dam	RJW 163M				
DamSire	MARYWOOD NIGHTRIDER 108K				

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	63	60	31	48	14	18	20	49	12
ABC Acc	2 29	-1.6 57	30 43	19 16	13 43	43 43	-0.52 50	.05 45	-0.24 45
%wb	93	94	7	11	2	2	29	14	8

BIOS\$	
15	
1662	
7	

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	85	595	92	542	890	2.01	2.41			3	9.5	9.4	3.25	3.21	A

Heifer Development EOT Report

201075 MARYWOOD SIMMENTALS

Unofficial



Genetic Evaluations (01 Mar 2010)

Tag **0022** Pen Tattoo **MRJW 22W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **25Feb2009** Colour
 SireSire **TNT TWISTER J6**
 Sire **MARYWOOD 15L TWISTER 1P**
 Dam **MRJW 7R**
 DamSire **HVB RELIEF 14F**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	55	52	43	84					
ABC Acc	1 29	-1.0 56	34 PE	27 PE					
%wb	89	90	12	50					

BIOS\$
N/R

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	76	789		765	1090	1.88	3.10			7	12.6	12.9	4.35	4.51	AA

Tag **0024** Pen Tattoo **MCRD 24W**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **SIMMENTAL** 519-638-3571
 Birthdate **08Mar2009** Colour
 SireSire **TNT TWISTER J6**
 Sire **MARYWOOD 15L TWISTER 1P**
 Dam **CSR MISS BLACKBOB 129N**
 DamSire **DS PREFERRED STOCK 42H**

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab	45	44	81	86					
ABC Acc	1 25	-4 53	44 PE	27 PE					
%wb	82	85	51	56					

BIOS\$
N/R

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
U	86	670		625	930	1.76	2.73			5	10.8	11.2	3.52	3.77	A-AA

Tag **ANG** Pen Tattoo **JDC 19U**
 Contact **RON AND MARYELLEN WOODDISSE - MARYWOOD SIMMENTAL**
 HC/Breed **ANGUS** 519-638-3571
 Birthdate **18Sep2008** Colour
 SireSire
 Sire
 Dam
 DamSire

	CE	BW	WG	Milk	PWG	YG	FAT	REA	%IMF
%ab									
ABC Acc									
%wb									

BIOS\$
N/R

CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	HH	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade
	N/A	N/A			1035		2.02			9	10.1	8.5	7.14	5.09	AAA



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	11	100	79	661	619				975	2.06	2.48			6	11.8	11.3	4.19	3.89	
Group Averages	11	100	79	661	619				975	2.06	2.48			6	11.8	11.3	4.19	3.89	
Unofficial	3	67	81	730	695				1018	1.82	2.62			7	11.2	10.9	5.00	4.46	

Note: Measurements from Unofficial Bulls are not included in the Group Averages above.

Provision and Use of Information Produced by BIO As part of the terms and conditions of Beef Improvement Ontario (BIO) Beef Evaluation Services, it is understood that information provided by BIO including, but not limited to, genetic and carcass evaluations are produced using the very best knowledge available and are pursuant to generally accepted industry standards. The raw data and pedigree used in calculations is provided by the client. The intent of the information provided by BIO is for comparative purposes only for both the animal consignor and buyer. This information is provided for the purpose of general guidance only to beef producers. The purchaser and/or user of this information agrees to hold Beef Improvement Ontario harmless for any losses or damages that may be incurred as a result of receipt of and/or reliance upon this general comparative information. This clause shall be a complete defense to any claim brought by the purchaser and/or user in relation to such services.