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Bull Evaluation Centre Report

201328 UNIVERSITY OF GUELPH #2

(End of Test)

Test Date: **20 Mar 2013** Days on Test:**113**

Centre Manager: **STEVE MILLER**

Start of Test Date: **27 Nov 2012**

Phone #: **519-824-4120**

End of Test Date: **20 Mar 2013**

E Mail: **miller@uoguelph.ca**

Pick Up Date:

Address: **DEPT. OF ANIMAL & POULTRY , GUELPH , ON , N1G 2W1**

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 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.

Bull Evaluation EOT Report

201328 UNIVERSITY OF GUELPH #2



Genetic Evaluations (27 Mar 2013)

Tag **0021** Pen Tattoo **OAC 21Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 SIMMENTAL / CROSS** **519-846-5641**
 Birthdate **08Apr2012** Colour **BLACK**
 SireSire **CNS DREAM ON L186**
 Sire **SF WHAT A DREAM 19P**
 Dam **OAC 3M**
 DamSire **RED SUPERSPREAD 4H**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| %ab | 98 | 96 | 97 | 80 | 97 | 98 | 64 | 54 | 63 | 68 | 93 |
| ABC Acc | 8 34 | -6.1 60 | 57 50 | 27 28 | 51 49 | 108 50 | .49 50 | .12 45 | .18 45 | .93 63 | 4629 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 82 | 676 | 107 | 715 | 1192 | 4.16 | 3.45 | 52.0 | 6.8 | 5 | 13.3 | 13.8 | 4.36 | 4.60 | AA | 38.0 | 38.7 |

Tag **0028** Pen Tattoo **OAC 28Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P CROSSBRED** **519-846-5641**
 Birthdate **10Apr2012** Colour **RED**
 SireSire **NLDF SILVERADO 424S**
 Sire **NLDF WELLINGTON 348W**
 Dam **OAC 29P**
 DamSire **SUPER LUKE**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| %ab | 79 | 79 | 85 | 94 | 97 | 96 | 61 | 58 | 65 | 39 | 87 |
| ABC Acc | 4 30 | -3.2 58 | 47 47 | 32 23 | 52 48 | 100 48 | .36 50 | .17 45 | .22 45 | .35 63 | 4194 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 86 | 704 | 112 | 724 | 1104 | 3.30 | 3.21 | 52.0 | 6.8 | 4 | 12.5 | 13.0 | 4.44 | 4.71 | AA | 35.0 | 35.8 |

Tag **0030** Pen Tattoo **OAC 30Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 1/2 SIMMENTAL / CROSS** **519-846-5641**
 Birthdate **10Apr2012** Colour **BLACK**
 SireSire **TJ 57J THE GAMBLER**
 Sire **DIKEMANS SURE BET**
 Dam **OAC 83W**
 DamSire **G A R EFFICIENCY 7295**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|---------|--------|--------|-------|
| %ab | 82 | 71 | 67 | 40 | 64 | 68 | 59 | 29 | 62 | 41 | 67 |
| ABC Acc | 4 34 | -2.5 59 | 42 50 | 19 19 | 34 47 | 76 49 | .27 47 | -.16 41 | .15 41 | .40 61 | 3462 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|-----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 101 | 648 | 103 | 653 | 1003 | 3.15 | 2.92 | 51.0 | 6.3 | 5 | 11.9 | 12.3 | 4.05 | 4.30 | AA | 35.0 | 35.8 |

Tag **0034** Pen Tattoo **OAC 34Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 13/16 ANGUS** **519-846-5641**
 Birthdate **11Apr2012** Colour **BLACK**
 SireSire **GAR-EGL PROTEGE**
 Sire **NLDF WINSTON 368W**
 Dam **OAC 22X**
 DamSire **NLDF TUNDRA 361T**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| %ab | 95 | 83 | 64 | 89 | 97 | 92 | 71 | 44 | 78 | 30 | 94 |
| ABC Acc | 6 29 | -3.7 57 | 41 46 | 29 16 | 52 47 | 93 47 | .74 50 | .01 45 | .43 45 | .14 63 | 4742 |
| %wb | 83 | 52 | 64 | 85 | 92 | 86 | 17 | 91 | 31 | 10 | 92 |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 84 | 639 | 106 | 658 | 1052 | 3.55 | 3.07 | 49.0 | 5.3 | 5 | 12.9 | 13.5 | 4.59 | 4.88 | AA | 34.0 | 34.8 |

Tag **0035** Pen Tattoo **OAC 35Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 SIMMENTAL / CROSS** **519-846-5641**
 Birthdate **11Apr2012** Colour **BLACK**
 SireSire **ELLINGSON LEGACY M229 OLIE**
 Sire **MR NLC SUPERIOR S6018**
 Dam **OAC 10W**
 DamSire **G A R ALL AROUND S531**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| %ab | 82 | 78 | 87 | 81 | 79 | 86 | 75 | 67 | 67 | 60 | 95 |
| ABC Acc | 4 29 | -3.1 57 | 48 46 | 27 15 | 39 46 | 87 46 | .85 48 | .28 42 | .26 42 | .78 61 | 4771 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|--------|------|-------|
| U | 84 | 671 | 106 | 715 | 1060 | 3.08 | 3.09 | 55.0 | 8.3 | 8 | 13.0 | 13.6 | 4.86 | 5.17 | AA-AAA | 36.0 | 36.8 |

Bull Evaluation EOT Report

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Genetic Evaluations (27 Mar 2013)

Tag **0036** Pen Tattoo **OAC 36Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P SIMMENTAL / CROSS** 519-846-5641
 Birthdate **12Apr2012** Colour **BLACK**
 SireSire **LCHMAN LUCKY BUCK 7049C**
 Sire **GW LUCKY CHARM 665K**
 Dam **OAC 92X**
 DamSire **NLDF UNIFORM 322U**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| %ab | 99 | 99 | 43 | 98 | 97 | 86 | 58 | 60 | 69 | 50 | 95 |
| ABC Acc | 9 34 | -8.2 58 | 36 49 | 36 29 | 51 49 | 87 49 | .21 49 | .20 44 | .30 44 | .60 61 | 4764 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|--------|------|-------|
| U | 71 | 650 | 108 | 653 | 1104 | 3.98 | 3.23 | 53.0 | 7.3 | 5 | 13.8 | 14.4 | 5.06 | 5.40 | AA-AAA | 36.0 | 36.8 |

Tag **0037** Pen Tattoo **OAC 37Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P SIMMENTAL / CROSS** 519-846-5641
 Birthdate **12Apr2012** Colour **BWF**
 SireSire **G A R US PREMIUM BEEF**
 Sire **GW PREMIUM BEEF 021TS**
 Dam **OAC 104H**
 DamSire **SILVERSPRINGS GEORGE 05C**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|--------|--------|--------|--------|---------|-------|
| %ab | 71 | 77 | 99 | 90 | 91 | 98 | 64 | 60 | 64 | 19 | 98 |
| ABC Acc | 3 34 | -3.0 59 | 67 50 | 30 23 | 45 49 | 112 50 | .48 47 | .20 39 | .20 39 | -.21 60 | 5334 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|--------|------|-------|
| U | 90 | 822 | 130 | 625 | 988 | 3.22 | 2.89 | 49.0 | 5.3 | 5 | 13.3 | 13.8 | 4.87 | 5.20 | AA-AAA | 33.5 | 34.3 |

Tag **0039** Pen Tattoo **OAC 39Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P SIMMENTAL / CROSS** 519-846-5641
 Birthdate **12Apr2012** Colour **BLACK**
 SireSire **CNS DREAM ON L186**
 Sire **WSJ ENCORE**
 Dam **H1NCKS 25 <**
 DamSire **GRAHAM'S CRAYOLA 11C**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|-------|-------|-------|-------|-------|--------|---------|--------|---------|-------|
| %ab | 41 | 38 | 80 | 74 | 53 | 69 | 58 | 38 | 62 | 86 | 54 |
| ABC Acc | 0 34 | .0 55 | 46 48 | 25 24 | 31 50 | 76 49 | .23 48 | -.07 42 | .15 42 | 1.40 62 | 3124 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|-----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 106 | 676 | 110 | 708 | 1085 | 3.34 | 3.17 | 52.0 | 6.8 | 3 | 12.2 | 12.7 | 3.76 | 4.01 | A-AA | 38.0 | 38.8 |

Tag **0045** Pen Tattoo **OAC 45Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 ANGUS / CROSS** 519-846-5641
 Birthdate **13Apr2012, Twin** Colour **BLACK**
 SireSire **GAR-EGL PROTEGE**
 Sire **NLDF WRANGLER 331W**
 Dam **OAC 3U**
 DamSire **NLDF REX 353R**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|-------|--------|-------|-------|-------|--------|--------|---------|--------|--------|-------|
| %ab | 18 | 16 | 90 | 81 | 98 | 97 | 74 | 26 | 83 | 50 | 91 |
| ABC Acc | -2 35 | 2.3 59 | 50 50 | 27 21 | 54 50 | 103 50 | .84 50 | -.20 45 | .47 45 | .59 63 | 4420 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 93 | 677 | 107 | 592 | 970 | 3.27 | 2.84 | 49.0 | 5.3 | 5 | 10.8 | 11.3 | 5.31 | 5.68 | AAA | 35.0 | 35.9 |

Tag **0051** Pen Tattoo **OAC 51Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **H CROSSBRED** 519-846-5641
 Birthdate **14Apr2012** Colour **BLACK**
 SireSire **NLDF SILVERADO 424S**
 Sire **NLDF WELLINGTON 348W**
 Dam **OAC 86W**
 DamSire **BAR 5 SA STIMULATION 415P**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|---------|--------|---------|-------|
| %ab | 90 | 85 | 46 | 86 | 92 | 80 | 58 | 31 | 55 | 25 | 41 |
| ABC Acc | 5 31 | -3.9 57 | 37 48 | 28 21 | 46 49 | 82 49 | .23 51 | -.14 46 | .06 46 | -.02 63 | 2786 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 84 | 576 | 91 | 576 | 939 | 3.31 | 2.76 | 51.0 | 6.3 | 4 | 11.6 | 12.1 | 3.73 | 4.00 | A-AA | 33.0 | 33.9 |

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Genetic Evaluations (27 Mar 2013)

Tag **0055** Pen Tattoo **OAC 55Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 5/8 ANGUS** **519-846-5641**
 Birthdate **15Apr2012** Colour **BLACK**
 SireSire **GAR-EGL PROTEGE**
 Sire **NLDF WRANGLER 331W**
 Dam **OAC 9R**
 DamSire **OAC 101M**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|--------|--------|---------|--------|---------|-------|
| %ab | 85 | 84 | 93 | 49 | 98 | 98 | 72 | 43 | 64 | 19 | 98 |
| ABC Acc | 4 36 | -3.7 60 | 52 51 | 20 23 | 56 51 | 109 51 | .79 51 | -.01 46 | .20 46 | -.25 63 | 5347 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 79 | 565 | 90 | 594 | 1016 | 3.74 | 3.00 | 50.0 | 5.8 | 5 | 11.8 | 12.4 | 3.44 | 3.70 | A | 33.5 | 34.4 |

Tag **0062** Pen Tattoo **OAC 62Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 ANGUS / CROSS** **519-846-5641**
 Birthdate **16Apr2012** Colour **BLACK**
 SireSire **GAR-EGL PROTEGE**
 Sire **NLDF WRANGLER 331W**
 Dam **OAC 35W**
 DamSire **NLDF SIMPSON 421S**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|-------|--------|-------|-------|-------|--------|--------|---------|--------|--------|-------|
| %ab | 18 | 11 | 94 | 78 | 98 | 98 | 64 | 37 | 68 | 34 | 88 |
| ABC Acc | -2 35 | 3.1 59 | 53 50 | 26 19 | 54 49 | 108 50 | .50 48 | -.08 43 | .28 43 | .24 61 | 4269 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|-----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 110 | 685 | 109 | 671 | 1043 | 3.48 | 3.09 | 51.0 | 6.4 | 4 | 12.2 | 12.8 | 4.07 | 4.40 | AA | 34.0 | 35.0 |

Tag **0068** Pen Tattoo **OAC 68Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 5/8 ANGUS** **519-846-5641**
 Birthdate **18Apr2012** Colour **BLACK**
 SireSire **SCR PROMISE 4042**
 Sire **SYDGEN TRUST 6228**
 Dam **OAC 41X**
 DamSire **LCHMN BODYBUILDER 7303F**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|---------|--------|--------|-------|
| %ab | 96 | 97 | 62 | 75 | 79 | 75 | 62 | 19 | 64 | 45 | 82 |
| ABC Acc | 7 28 | -6.9 57 | 41 46 | 25 15 | 39 43 | 79 45 | .40 45 | -.30 39 | .21 39 | .48 59 | 4011 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| E | 79 | 610 | 101 | 583 | 979 | 3.61 | 2.91 | 50.0 | 5.9 | 5 | 11.6 | 12.2 | 4.32 | 4.69 | AA | 34.5 | 35.6 |

Tag **0081** Pen Tattoo **OAC 81Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 5/8 ANGUS** **519-846-5641**
 Birthdate **27Apr2012** Colour **BLACK**
 SireSire **NLDF SIRIUS 395S**
 Sire **NLDF XUBER 345X**
 Dam **OAC 32X**
 DamSire **NLDF SIRIUS 395S**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|---------|---------|--------|---------|-------|
| %ab | 98 | 95 | 81 | 99 | 97 | 95 | 97 | 14 | 94 | 97 | 99 |
| ABC Acc | 8 31 | -5.9 58 | 46 48 | 43 19 | 52 48 | 98 48 | 1.66 51 | -.36 46 | .63 46 | 2.00 63 | 5812 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 77 | 708 | 117 | 565 | 972 | 3.59 | 2.97 | 48.0 | 5.0 | 8 | 11.4 | 12.2 | 5.50 | 6.14 | AAA | 39.5 | 40.9 |

Tag **0093** Pen Tattoo **OAC 93Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 1/2 ANGUS / PIEDMONTESE** **519-846-5641**
 Birthdate **03May2012** Colour **BLACK**
 SireSire **SAF FOCUS OF ER**
 Sire **MYTTY IN FOCUS**
 Dam **OAC 21N**
 DamSire **VIALLI**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|------|-------|--------|--------|--------|---------|-------|
| %ab | 76 | 55 | 15 | 65 | 6 | 7 | 53 | 67 | 69 | 24 | 42 |
| ABC Acc | 3 39 | -1.3 61 | 28 52 | 23 40 | 9 52 | 37 52 | .05 51 | .27 47 | .30 47 | -.05 63 | 2831 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|--------|------|-------|
| U | 97 | 609 | 97 | 620 | 920 | 2.65 | 2.87 | 52.0 | 7.1 | 3 | 12.5 | 13.6 | 4.84 | 5.50 | AA-AAA | 33.5 | 35.1 |

Bull Evaluation EOT Report

201328 UNIVERSITY OF GUELPH #2



Genetic Evaluations (27 Mar 2013)

Tag **0104** Pen Tattoo **OAC 104Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 SIMMENTAL / CROSS** **519-846-5641**
 Birthdate **08May2012** Colour **BLACK**
 SireSire **ELLINGSON LEGACY M229 OLIE**
 Sire **MR NLC SUPERIOR S6018**
 Dam **OAC 13S**
 DamSire **CA FUTURE DIRECTION 5321**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|
| %ab | 70 | 43 | 99 | 55 | 96 | 99 | 58 | 80 | 72 | 59 | 96 |
| ABC Acc | 3 31 | -4 59 | 62 47 | 21 19 | 49 46 | 112 47 | .24 47 | .42 42 | .35 42 | .76 61 | 4932 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|-----|-----|-----|-----|------|------|------|------|-------|-----|------|--------|------|---------|--------|------|-------|
| U | 106 | 718 | 114 | 686 | 1118 | 3.81 | 3.54 | 51.0 | 6.7 | 4 | 13.1 | 14.4 | 4.95 | 5.72 | AA-AAA | 36.0 | 37.8 |

Tag **0105** Pen Tattoo **OAC 105Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 9/16 SIMMENTAL / CROSS** **519-846-5641**
 Birthdate **08May2012** Colour **BLACK**
 SireSire **CNS DREAM ON L186**
 Sire **SF WHAT A DREAM 19P**
 Dam **OAC 20L**
 DamSire **DBL BUTLER'S GUY 120G**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|--------|---------|--------|---------|-------|
| %ab | 68 | 57 | 39 | 28 | 12 | 19 | 70 | 32 | 59 | 21 | 28 |
| ABC Acc | 3 33 | -1.4 59 | 35 50 | 16 29 | 15 49 | 50 50 | .71 50 | -.13 45 | .10 45 | -.14 63 | 2415 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 99 | 607 | 96 | 585 | 849 | 2.34 | 2.69 | 51.0 | 6.7 | 6 | 10.4 | 11.4 | 3.91 | 4.52 | A-AA | 32.0 | 33.8 |

Tag **0126** Pen Tattoo **OAC 126Z**
 Contact **CHARLIE WATSON - ELORA BEEF RESEARCH CENTRE**
 HC/Breed **P 3/4 SIMMENTAL** **519-846-5641**
 Birthdate **25May2012** Colour **BLACK**
 SireSire **SS GOLD MINE L42**
 Sire **ACC1 HUSTLER 2N**
 Dam **OAC 14K**
 DamSire **BLACK IRISH KANSAS**

| | CE | BW | WG | Milk | PWG | YG | FAT | REA | %IMF | SC | BIO\$ |
|---------|------|---------|-------|-------|-------|-------|---------|--------|---------|--------|-------|
| %ab | 85 | 74 | 74 | 94 | 27 | 47 | 45 | 46 | 37 | 31 | 39 |
| ABC Acc | 4 35 | -2.8 60 | 44 51 | 32 30 | 22 50 | 66 51 | -.11 49 | .03 43 | -.05 43 | .17 62 | 2735 |
| %wb | | | | | | | | | | | |

| CE | BW | AWW | WI | SOT | EOT | ADG | WPDA | HH | Frame | Fat | REA | AdjREA | %Imf | Adj%Imf | Grade | SC | AdjSC |
|----|----|-----|-----|-----|-----|------|------|------|-------|-----|------|--------|------|---------|-------|------|-------|
| U | 99 | 715 | 113 | 581 | 889 | 2.76 | 2.97 | 49.0 | 5.9 | 3 | 10.7 | 12.0 | 3.77 | 4.60 | A-AA | 33.5 | 35.9 |



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 |
|----------------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------------|-------------|----------|------|---------|------|----------|---------|
| ANGUS | 1 | 100 | 84 | 639 | 658 | 748 | 796 | 939 | 1052 | 3.55 | 3.07 | 49.0 | 5.3 | 5 | 12.9 | 13.5 | 4.59 | 4.88 | 34.0 |
| SIMMENTAL | 1 | 100 | 99 | 715 | 581 | 647 | 695 | 794 | 889 | 2.76 | 2.97 | 49.0 | 5.9 | 3 | 10.7 | 12.0 | 3.77 | 4.60 | 33.5 |
| CROSSBRED | 16 | 94 | 90 | 663 | 642 | 741 | 808 | 913 | 1021 | 3.38 | 3.04 | 51.1 | 6.4 | 5 | 12.2 | 12.9 | 4.47 | 4.86 | 35.2 |
| Group Averages | 18 | 94 | 90 | 664 | 639 | 736 | 801 | 908 | 1016 | 3.35 | 3.04 | 50.8 | 6.3 | 5 | 12.2 | 12.9 | 4.43 | 4.85 | 35.0 |

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