

Bull Evaluation Centre Report

201922 DUSTY ACRE BLONDES

(End of Test) Test Date: 29 Mar 2019 Days on Test: 111

Centre Manager: SHELLIE WOLFE Start of Test Date: 08 Dec 2018

Phone #: 250-784-4628 End of Test Date: 29 Mar 2019

EMail: dustyacreblondes@outlook.com Pick Up Date:

Address: RR 2, SITE 4, COMP 1, , DAWSON CREEK , BC , V1G 4E8

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 (Ibs) - 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 (Ibs/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 (Ibs/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 Intramus cular Fat (Marbling) - Measured ultrasonically between the 12th and 13th ribs (grading site) at the end of test. NR indicates the animal hald 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 (Ibs) - 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 (Ibs 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 (s quare inches) - Predictor of the differences in progeny ribeye area (muscling), adjusted to a common age.

% IMF - Intramus cular 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

201922 DUSTY ACRE BLONDES



Genetic Evaluations (06 Apr 2019)

	Genetic	Evalu	atio	าร (06	Apr 20	119)											•	-0.4	
Tag 007F Pen Tattoo	KAR 7F			CE	BW	WG		Milk	PWG	١	/G	FAT		REA	%IMF	: 5	SC	BIO\$	
Contact SHELLIE WOLFE - DUSTY ACRE HC/Breed S BLONDE D-AQUITAINE Birthdate 26Apr2018 Colour Blonde SireSire DeeBran Pld Jail Bre	250-784-4628	%ab ABC A %wb		24 - 1 29 38	30 . 4 57 35	95 58 99	47	30 29 22 39	5 11 46 59	46 70 98	0 47					-1.3	2 66 62 33	N/R	
Sire Dusty Acre Colby Dam WSS ANNE 7A DamSire ZC WACO 15W		CE	BW 93	793	WI 121	SOT 828	EOT 1150	ADG 2.81	3.41	НН	Frame	Fat	REA	AdjREA	%Imf	Adj%lmf	Grade	sC 31.0	AdjS0
Tag 014F Pen Tattoo	DAB 14F			CE	BW	WG		Milk	PWG	\ \	/G	FAT		REA	%IMF	: 9	SC	BIO\$	
Contact SHELLIE WOLFE - DUSTY ACRE HC/Breed P BLONDE D-AQUITAINE Birthdate 07Apr2018 Colour Blonde SireSire DeeBran Pld Jail Bre	250-784-4628	%ab ABC A %wb		29 0 32 45	39 4 59 47	74 47 90	49	36 30 24	7 15 50 74	28 6 1 88	1 50 ·	1 -1.11 59	PE			-1.1	5 1 63	N/R	
Sire Dusty Acre Colby Dam Dusty Acres Alley		CE	BW 89	AWW	WI 110	SOT 818	EOT	ADG 3.12	WPDA 3.30	НН	Frame	Fat	REA	AdjREA	%lmf	Adj%lmf	Grade	s SC 32.5	AdjSC
DamSire WEST WINDS RAINIER 11R Tag 025F Pen Tattoo	DAB 25F			CE	BW	WG		Milk	PWG		YG	FAT		REA	%IMF	: 9	SC	BIO\$	
Contact SHELLIE WOLFE - DUSTY ACRE HC/Breed P BLONDE D-AQUITAINE Birthdate 09Apr2018 Colour Blonde SireSire DeeBran Pld Jail Bre	250-784-4628	%ab ABC A		26 - 1 32 40	25 .9 59 28	16 30 30	49	56 24 25 74	2 4 49 28	4	4 4 49	1741		TKE/K	ZOLIVII	8	8 9 63	N/R	
Sire Dusty Acre Colby Dam WEST WINDS ZARA 25Z DamSire WEST WINDS WORKMAN 9		CE	вw 96	AWW 618	WI 95	SOT 782	EOT 1118	ADG 2.90	3.16	НН	Frame	Fat	REA	AdjREA	%lmf	Adj%lmf	Grade	33.5	AdjS0
Tag 051F Pen Tattoo	DAB 51F			CE	BW	WG		Milk	PWG	Y	/G	FAT		REA	%IMF	: 9	SC	BIO\$	
Contact SHELLIE WOLFE - DUSTY ACRE HC/Breed P BLONDE D-AQUITAINE Birthdate 10Apr2018 Colour Blonde	250-784-4628	%ab ABC A %wb		49 1 31 69	52 -1.3 59 62	34 36 56	49	77 28 24 37	1 -4 48 6		3 2 49					-1.1	5 1 62	N/R	
SireSire DeeBran Pld Jail Bre Sire Dusty Acre Colby Dam WEST WINDS ZENITH 50Z		CE	BW 96	AWW	WI 103	SOT 780	EOT 1046	ADG 2.38	WPDA 2.96	НН	Frame	Fat	REA	AdjREA	%lmf	Adj%lmf	Grade	sC 32.5	AdjSC
DamSire WEST WINDS WILLIE 3W Tag 083F Pen Tattoo	PKF 83F			CE	BW	WG		Milk	PWG		YG	FAT		REA	%IMF		SC	BIO\$	
Tag 083F Pen Tattoo Contact SHELLIE WOLFE - DUSTY ACRE HC/Breed SIMMENTAL Birthdate 27Mar2018 Colour red SireSire	250-784-4628	%ab ABC A %wb	vcc	17 -2 14 36	14 2.2 44 32	97 61 87	33	75 28 6	81 41 39 77	94	4 2 36	TAT		NLA	ZOTIVIE	1.8	97 8 1 58	N/R	
Sire BEE 923A Dam Moose Creek Ms Image DamSire		CE	BW 95	AWW 751	WI 115	SOT 898	EOT 1296	ADG 3.43	WPDA 3.53	НН	Frame	Fat	REA	AdjREA	%lmf	Adj%lmf	Grade	sC 40.0	AdjS0

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				Genetic	Evalu	atior	ns (06	Apr 20	19)											•	4.4	Yey
Tag 410 I	F	Pen	Tattoo	DAB 410F			CE	BW	WG		Milk	PWG	Y	′G	FAT		REA	%IMF	S	С	BIO\$	
Contact SHC/Breed Birthdate SireSire	H B 06Apr	LIE WOLFE - D LONDE D-AQU 2018 tal Austin		250-784-4628	%ab ABC / %wb	Acc	71 3 33 85	70 -2.6 59 79	81 49 94	19 2	30 29 20	10 17 46 85	39 67 93	48					1 -1.74 14	4 59	N/R	
Sire I	Dusty Dusty	Acre Dr Peppo Acre Bertha T WINDS ZEP			CE	BW 89	689	WI 106	SOT 806	EOT 1144	ADG 3.14	3.20	НН	Frame	Fat	REA	AdjREA	%Imf Ac	lj%lmf	Grade	SC 31.0	AdjSC 31.3
Tag 424 l	F	Pen	Tattoo	NWB 424F			CE	BW	WG		Milk	PWG	Y	G	FAT		REA	%IMF	SC	С	BIO\$	
Contact SHC/Breed IBirthdate SireSire	P B 07Apr			250-784-4628	%ab ABC / %wb		38 1 30 56	35 1 58 42	51 40 74	17	63 25 21 78	13 19 47 89	26 60 86	47					- 1.47		N/R	
		aven Done Rig			CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	НН	Frame	Fat	REA	AdjREA	%Imf Ac	dj%lmf	Grade	SC	AdjSC
	Dusty	Acre Belinda	·		U	93	673	103	774	1140	3.23	3.20									31.0	31.3
Tag 425 l		Pen	Tattoo	DAB 425F			CE	BW	WG		Milk	PWG	V	'G	FAT		REA	%IMF	SO	<u></u>	BIO\$	
Contact SHC/Breed I Birthdate SireSire	P 1			UITAINE 250-784-4628	%ab ABC %wb	Acc	69 3 25	80 -3.4 56	87 52		60 25 13	14 20 42	51 72	2 44					14 59	4 9 58	N/R	
	•	60D Acre Betsy T WINDS ZEP	HYR 22Z		CE	87	727	111	SOT 784	EOT 1124	ADG 3.12	3.30	НН	Frame	Fat	REA	AdjREA	%Imf Ac	lj%lmf	Grade	SC 33.5	AdjSC 34.4
Tag 525 l	F	Pen	Tattoo	PKF 525F			CE	BW	WG		Milk	PWG	Y	′G	FAT		REA	%IMF	SC	С	BIO\$	
Contact SHC/Breed IBirthdate (SireSire	P SI	LIE WOLFE - D MMENTAL 2018	Colour simm	250-784-4628	%ab ABC %wb	Acc	3 - 6 18 5	1 6.3 48 2	99 75 98	37	75 28 7 44	98 55 40 96	99 130 98	39					81 1.05 56	5 59	N/R	
	DAB (001D			CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	НН	Frame	Fat	REA	AdjREA	%Imf Ac	lj%lmf	Grade	SC	AdjSC
Dam I DamSire	DAB 5	25C			U	100	794	121	686	1120	3.82	3.77									34.5	37.0
Tag 569 l	F	Pen	Tattoo	PKF 569F			CE	BW	WG		Milk	PWG	Y	'G	FAT		REA	%IMF	SC	С	BIO\$	
HC/Breed I Birthdate 2	P SI	LIE WOLFE - D MMENTAL 2018	Colour RWF	250-784-4628	%ab ABC / %wb	Acc	3 -7 18 4	1 6.8 48 2	97 62 :	37	36 21 7	93 48 40 91	97 110 92	39					47 . 36 16	6 59	N/R	
SireSire Sire I	DAB (001D			CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	НН	Frame	Fat	REA	AdjREA	%Imf Ac	lj%lmf	Grade	SC	AdjSC
Dam I DamSire	DAB 1	569C			U	101	677	104	818	1224	3.65	3.32									34.5	34.4

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Genetic Evaluations (06 Apr 2019)

Tag 599F	Pen	Tattoo	DAB 599F			CE	BW	WG		Milk	PWG	\	/G	FAT		REA	%IM	F S	sc	BIO\$	
HC/Breed P I Birthdate 12Ap	LLIE WOLFE - D BLONDE D-AQU pr2018 ARTWOODS EY	ITAINE Colour Blonde	250-784-4628	%ab ABC %wb	Acc	37 0 30 55	45 8 58 54	76 47 92	46 2	32 20 19 53	20 23 48 96	47 70 95	0 47					'	3 36 61 33	N/R	
	Haven Done Rig			CE	BW	AWW	WI	SOT	EOT	ADG	WPDA	НН	Frame	Fat	REA	AdjREA	%lmf	Adj%lmf	Grade	SC	AdjSC
	ty Acre Chantilly eBran Pld Jail B			U	88	655	100	720	1078	3.20	3.07									31.0	31.5
Tag 633F	Pen	Tattoo	DAB 633F			CE	BW	WG		Milk	PWG	\ \ \	/G	FAT		REA	%IM	F S	SC	BIO\$	
HC/Breed P	LLIE WOLFE - D BLONDE D-AQU pr2018		250-784-4628	%ab ABC	Acc	49 1 30 69	55 -1.5 57 65	81 49 94	46 2	66 26 17	7 15 46 75	34 64 90	4 46					5	14 56 60	N/R	
	ARTWOODS EY												J								
	Haven Done Rigity Acre Dest	ht Up 222D		CE	BW	AWW	WI	SOT	EOT	ADG		НН	Frame	Fat	REA	AdjREA	%Imf	Adj%Imf	Grade		AdjSC 34.7
	ystal Blade			U	75	700	107	764	1084	2.90	3.14									34.0	34.7

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Genetic Evaluations (06 Apr 2019)

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
BLONDE D-AQUITAINE	8	100	90	690	784	848	944	1006	1117	2.96	3.18								32.1
SIMMENTAL	3	100	99	741	801	879	963	1063	1213	3.63	3.54								36.3
CROSSBRED	1	100	87	727	784	830	922	1016	1124	3.12	3.30								33.5
Group Averages	12	100	92	706	788	854	947	1021	1142	3.14	3.28								33.3

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