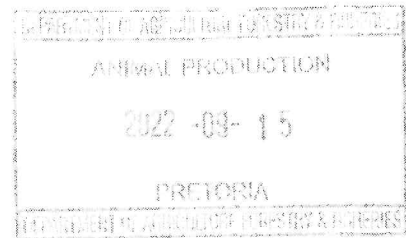


agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA



VETERINARY MASTER PERMIT NO: NO MASTER

VALID FROM: 2022/09/15
EXPIRY DATE: 2023/03/14

IMPORTATION OF SEMEN: AUTHORISATION NO. S0316/22-1

(Issued in terms of section 16 of the Animal Improvement Act, 1998)

Expiry date: 2023/03/14 for Authorization No. S0316/22-1

Authorization is hereby granted to: **WORLD WIDE SIRES T/A W.PRINGLE EXPORT HOLDINGS.**

of: **PO BOX 60913, TABLEVIEW, 7439.**

for the importation **BOVINE** semen of the **ANGUS** breed

from (country of origin): **USA.**

Semen will be cleared by:
WORLD WIDE SIRES.

Name of Animals	Reg. No.	Number of doses
DEER VALLEY GROWTH FUND	ANUSA000018827828	26
BIEBER BLUE CHIP H302	ARUSA000004303789	50
PIE CINCH 4126	ARUSA000001725110	5
CRAWFORD GUARANTEE 9137	ANUSA000019526770	5
BIEBER JUMPSTART J137	ARUSA000004463653	51
E & B RIVAL 175	ANUSA000020128929	5
BIEBER SPARTACUS A193	ARUSA000001617230	5
RIVERBEND GOOD BOOK F255	ANUSA000019178455	50
HF SAFE & SOUND 019	ANUSA000019705988	50
G A R SURE FIRE	ANUSA000017328461	10

WORLD WIDE SIRES LTD, 5545 AVENIDA DE LOS ROBLES, VISALIA, CA, USA.

TOTAL: 257

CONDITION

- Certification by the exporting country that the number of unfrozen (live) spermatozoa per dose complies with the minimum amount specified on the reverse side of this document.
- DNA profiles must be provided to the Registrar of Animal Improvement, and the relevant Breeders Society before release from quarantine, if not available at time of importation.

This authorization is subject to the compliance with the veterinary requirements set out in the attached permit and is also subject thereto that the intended importation meets with all the provisions of the said Act. This authorization does not exempt the importer from the provisions of any other law. This authorization may be withdrawn by the Registrar should any false information be discovered in the application. This authorization is also not transferable. Imported semen shall under no circumstances be transferred, sold, given or donated to any other person or body unless prior written approval from the Registrar has been obtained. Any such approval shall be considered as new application for the importation of semen.

REGISTRAR: ANIMAL IMPROVEMENT

DATE: 2022/09/15

NW 15/9/2022.

Geno ✓

Permit ✓

7AR94 BIEBER BLUE CHIP H302



From Bieber Red Angus Ranch, SD

Registration: 4303789

Tattoo: H302

Born: 2/27/20

Birth Weight: 77 lbs | ratio 86

Weaning Weight: 607 lbs | ratio 103

Yearling Weight: 1110 lbs | ratio 103

PIE STOCKMAN 4051

BIEBER CL STOCKMARKET E119

BIEBER CL ADELLE 475C

BIEBER IRON ORE A104

BIEBER ROSE 162C

BIEBER ROSE 475A

- ▶ An exciting 7AR85 STOCKMARKET son that was a feature of the 2021 Bieber Red Angus Sale.
- ▶ Ranks near the top of the breed for all three Calving Ease traits: CED, BW, and CEM.
- ▶ Moderate framed with added muscle shape, depth of rib, and excellent feet.
- ▶ In addition to his elite Calving Ease, he excels for Marbling, REA, ProS, and HB.

	ProS	HB	GM	CE	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	BF
EPD	150	97	53	19	-5.1	72	117	0.28	1.9	28	4	10	12	20	0.94	0.05	13	0.33	0.06
Acc				0.44	0.45	0.42	0.43	0.43	0.19	0.13	0.19	0.28	0.23	0.27	0.41	0.37	0.48	0.44	0.36
% Rank	1	1	16	2	5	12	11	13	91	27	53	62	1	3	1	44	83	12	99



Batch Detail Report

Batch : 9815U
Owner : Wade Pringle
Farm : World Wide Sires
Account : PRIW01
Origin : PRIVATE
Invoice To : Owner

Created : 2022-07-27

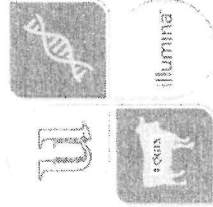
SAMPLE	SAMPLE	SPECIES	BREED	SEX	TEST	INVOICE
9815U001	Bieber Blue Chip H302 (M,23)	CATTLE	ANGUS (23)		SNP50_C	IG50 : IGENITY 50K
9815U002	Riverbend Good Book F255 (M,23)	CATTLE	ANGUS (23)		SNP50_C	IG50 : IGENITY 50K

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee. This Certificate replaces all previously issued certificates.

Disclaimer: While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract.

Please note: some STR profiles used in parentage analysis may have been sourced from another laboratory. While every reasonable effort is made to prevent incorrect results, Unistel Medical Laboratories does not accept any responsibility for parentage mismatches due to incompatible marker scoring strategies between laboratories. Unistel Medical Laboratories participates in ISAG comparison testing and therefore incorporates international scoring standards in the generation of our STR profiles.

CHARNÉ ROSSOUW
DIVISION MANAGER



Unistel Medical Laboratories

Genetic Report

BOVINESNP50-24 v3 BeadChip

Wade Pringle
World Wide Sires

Angus

Bieber Blue Chip H302
9815U001

Animal Tested:

Semen

Sample type:

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	G/C
	MC1R - ED	E+/E+	Tenderness	Calpain 1 - 4751	C/C
	PMEL17 Dilution	+/+		Calpain 1 - 530	G/G
	Silver Dilution type 1	+/+		Calpastain - 282	G/C
	Silver Dilution type 2	+/+	Calpastain - 2870	A/G	
Myostatin Status	Myostatin C313Y	Clear	Calpastain - 2959	A/G	
	Myostatin E226X	Clear			
	Myostatin E291X	Clear	Milk status	Beta Casein - 245	A2/A2
	Myostatin nt419	Clear		Beta Casein - 411	B/B
	Myostatin nt821	Clear		Kappa Casein - 352	A/A
	Myostatin Q204X	Clear		Kappa Casein - 467	A/A
	Myostatin D182N	Clear		Kappa Casein - 470	A/A
	Myostatin F94L	Clear		Kappa Casein - 506	B/B
	Myostatin S105C	Clear		Kappa Casein - 526	A/E
	E7 mutation	Clear			
POMPE Status					
	E13 mutation	Clear	Milk quality	Growth Hormone F279Y	Increased milk, casein & lactose yield; decreased protein & fat yield
	E18 mutation	Clear		Growth Hormone 2141	Normal milk protein & fat yield
Hornedness	Polled Celtic	Homozygous Polled		Growth Hormone 2291	Normal milk fat yield, fat & protein %
Heat Tolerance	SLICK	Clear		ABCG2 - protein yield milk	Normal fat, protein & milk yield; normal fat & protein %
Eye Disorders	Pinkeye resistance	Reduced risk 16-26%		AcylCoA - milk fat percentage	Normal milk fat & protein concentration, normal milk volume
Bone Disorder	Osteopetrosis	Clear		Trimethylaminuria excess in milk	Clear
				Yellow milk fat	Normal yellow fat
Breed mutations	Alpha Mannosidosis 961	Clear			
	Neuropathic hydrocephalus	Clear			
	Developmental Duplication	Clear			
	Mulefoot	Clear			

Disclaimer: Unistel reports these results on the premise that the biological samples received are from the individual nominated by the owner/breeder/freq. dealer. This certificate replaces all previous issued certificates. While every effort is made to prevent incorrect results, Unistel Medical Laboratories does not accept any responsibility for any loss or damage that may occur as a result of human or technical error. Should gross negligence be proven, the claim shall not exceed the value of the contract.

Red Angus Association of America

BIEBER BLUE CHIP H302

02/27/2020

Polled Red Angus Bull

4303789

Registration Number

H302

Tattoo

Name	RAA Number	Identification	Birth Date	Foreign Number	5th Generation
BECKTON EPIC R397 K	1042135	R397	03/19/2005		Sire: BECKTON EPIC K P075
LSF SAGA 1040Y	1445368	1040Y	01/03/2011		Dam: BECKTON KIT P468 IL
LSF MINOLA T1712 W9041	1305733	W9041	01/08/2009		Sire: PEDDES BIG SKY R9
PIE STOCKMAN 4051	1724236	4051	02/23/2010		Dam: LSF MINOLA K1279 T1712
HXC CONQUEST 4405P	975924	4405P	01/25/2004		Sire: BECKTON JULIAN GG 8571
PIE LAKOTA 046	1657332	046	02/04/2010		Dam: HXC ELIE MAY MA638
PIE LAKOTA 806	1394329	806	02/03/2008		Sire: LCB HOSS A444N
PIE LAKOTA 1040Y	1366634	B175	10/16/2009		Dam: TPIE LAKOTA LOGAN 725
ANDRAS IN FOCUS B175	1506931	R236	09/18/2011		Sire: MTTY IN FOCUS
ANDRAS FUSION R236	1366639	B167	10/11/2009		Dam: DI ESTONIA 316
ANDRAS BELLE B167	3474411	475C	03/16/2015		Sire: ANDRAS THUNDER B105
BIEBER CLADELLE 475C	1025756	R336	03/08/2005		Dam: ANDRAS BELLE 416
HUST CHIEF SEQUOYA R336	1437046	297Y	03/18/2011		Sire: CCF SEQUOYA 0361
BIEBER ADELLE 297Y	663239	7226	02/08/1999		Dam: LOC REBELLA NAL23
BIEBER ADELLE 7226					Sire: BIR MAKE MY DAY 981
					Dam: BIEBER ADELLE 6442

TE MANIA ADA A149	1756846	E27	08/03/2009		Sire: TE MANIA XAMNED X60
PARING IRON ORE E27	1562199				Dam: TE MANIA JAPARA U333
STORTH OAKS LOWAN C1(TW)	1756838	A104	01/23/2013		Sire: TE MANIA YORKSHIRE Y437
BIEBER IRON ORE A104	1616988	A033R	01/05/2005		Dam: TE MANIA LOWAN V130
LOC HIGH NOON A033R	1039801	309Y	03/23/2011		Sire: BIEBER MAKE NIMI 7249
BIEBER JOAN 309Y	1437026	7302	04/06/1999		Dam: SRN HIDE 3021
BIEBER JOAN 7302	663514				Sire: BIEBER NONE COMPARE 5471
BIEBER ROSE H2C	1311829	W384	03/01/2009		Dam: BIEBER JOAN 5022
BIEBER ROOSEVELT W384	1436944	Y118	02/10/2011		Sire: BIEBER ROUGH RIDER 10712
BIEBER ROLLIN DEEP Y118	1311803	399W	02/27/2009		Dam: BIEBER SHEBA 9602
BIEBER TILLY 399W	1619784	475A	04/05/2013		Sire: BIEBER DOONE 8000
BIEBER ROSE 475A	3303457	710P	02/16/1995		Dam: BIEBER TILLY 303S
C A FUTURE DIRECTION 5321	1006811	F521	03/21/2004		Sire: C A R PRECISION 1680
BASIN ROSE 710P	589553		02/27/1996		Dam: C A MISS POWER FIX 308
BASIN ROSE F521					Sire: LMAN NONE BETTER 9604
					Dam: BASIN PRIMROSE 258

RED ANGUS

RANCH TESTED, RANCHER TRUSTED.

FIVE GENERATION EXTENDED PEDIGREE

18335 E. 103rd Avenue, Suite 202 • Commerce City, CO 80022-3103

(940) 387-3502 • FAX (888) 829-6069

Email: info@redangus.org • Website: www.redangus.org

John T Brink, Chief Executive Officer

Printed: 09-01-2021

The data listed in this pedigree is a true and accurate representation of the Red Angus Database. To the best of my knowledge, no genetic abnormalities have been reported to this animal.

John T. Brink



Sample Details - 30425566

Customer Sample ID	:		End Customer	:	
Organization	:	Select Sires-Beef	Species	:	Unknown
Animal ID	:	7AR94 Blue Chip	Barcode	:	121120014445
Secondary Barcode	:		Ear Notch	:	
Registration Number	:	4303789	End Customer	:	
Breed	:		Sample Type	:	Semen Straw
Extracted	:		Received	:	2021-09-08
Sex	:		Dam	:	
Prospective Sire 1	:		Prospective Sire 2	:	

Order 672869 Test : SM2_GeneSeek_ISAG Status : Ready
 ID : (SM2_GeneSeek with additional
 ISAG marker)

Sample ID	Animal ID	Test	Date Banked	BarCode
30425566	7AR94 Blue Chip	SM2_GeneSeek_ISA G		121120014445

Registration Number	BM1824	BM2113	ETH10	ETH225
4303789	182/182	135/139	217/217	146/146

ETH3	INRA23	SPS115	TGLA122	TGLA126
117/121	208/208	248/248	143/151	115/115

TGLA227	TGLA59	BM1818
81/97	154/162	266/266