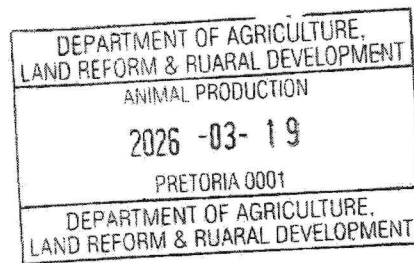




agriculture

Department:
Agriculture
REPUBLIC OF SOUTH AFRICA



IMPORTATION OF SEMEN: AUTHORISATION NO. S0088/26-1

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

Valid from: 2026/03/19 - Expiry date: 2026/09/18

Authorization is hereby granted to: **SEMEX SOUTH AFRICA (PTY) LTD**
of: **136A IRENE AVENUE, SOMERSET WEST, 7130.**

for the importation **BOVINE** semen of the **ANGUS** cattle breed
from (country of origin): **CANADA** through (Port of entry): **CAPE TOWN INTERNATIONAL AIRPORT**

Semen will be cleared by: **SEMEX SOUTH AFRICA (PTY) LTD.**

List of animal's genetic materials to be imported:

Name of Animals	Registration No.	Number of doses
RED SIX MILE OVERHAUL 264M	2364484	500
NSFR SOVEREIGN L49	4801980	500

THE SEMEX ALLIANCE, 5653 HIGHWAY 6 NORTH, GUELPH, ONTARIO, CANADA, N1H6J2.

TOTAL: 1000

CONDITIONS

- 1) 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.
- 2) DNA profiles must be provided to the Register of Animal Improvement, and 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 This authorization may be withdrawn by the Registrar should any false information be discovered in the application.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. This authorization is for one consignment only and must be handed in and cancelled at the port of entry. Imported semen shall under no circumstances be transferred, sold, given, or donated to many 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: 2026/03/19

Semex 25/3/2023
DNA ✓
5Gen ✓
Permit ✓
Geno ✓

Canadian Angus Association
Tabulated Pedigree (Not a Certificate of Registration)

Name: RED SIX MILE OVERHAUL 264M

Reg #: 2364484

Born: March 01, 2024

Parentage: Parent Verified

Tattoo: Right Ear SIXM 264M

Male (AI)(ET)

Breeder: 5187292, Six Mile Red Angus, Clayton & Corinne Gibson PO Box 8
Fir Mountain SK S0H 1P0

Current Owner: 5236775, Semex Beef, 5653 Hwy 6 N Guelph ON N1H 6J2

*** Elite**

**** Premier Dam**

Entle	RED LCHMN GOLD ROBBER 1909E	(IMP 1909E)		964752	OSF MAF
** Premier Dam	RED CCF GOLD BAR 0251			924711	OSF
	RED GMRA PRINCESS 720			556391	OSF
	RED LACY GOLD BAR 8123			1294649	OSF
	RED BFCK CHEROKEE CNYN 4912	(IMP 4912G)		1038594 *	OSF MAF
	RED LACY MS CHEROKEE 557P			1016056	
	RED LACY MS ANNIE 154M			880889	
RED BIEBER HARD DRIVE Y120	RED LJC LANCER 806	(IMP 0120Y)		1830742	MAF
	RED LJC MISSION STATEMENT P27			607513	OSF
	RED LJC HANNAH 106	(IMP 27P)		1318819 *	AMF NHF OSF MAF
RED BIEBER LAURA 158W	RED LJC HANNAH 106			780783	OSF
	C A FUTURE DIRECTION 5321			1311673	AMF NHF OSF
	RED BASIN LAURA 5301	(IMP 3607E)		867594	M1F NHC OSF DDF
	RED BASIN LAURA 3673			1051953	AMC NHC
Sire	RED PIE LONG HAUL 1344	(IMP 1344J)		914573	
	RED BUF CRK LANCER R017			2338355	
	RED BUF CRK THE RIGHT KINDU199	(IMP 199U)		1050008	OSF MAF
	RED BUF CRK SHOSHONE R353			1953585	OSF
RED PIE ONE OF A KIND 352	RED LSF SAND HILLS 9008W	(IMP 1352A)		1050016	OSF
	RED PIE FAYETTE 1160			1950545	OSF
	RED PIE FAYETTE 782			1305689	OSF
RED PIE RUBY 520	RED PIE FAYETTE 782			1483428	OSF
	RED VGW GAME PLAN 508			1205988	OSF
	RED PIE CODE RED 9058			3509284	OSF
	RED PIE STORMY 541			1029305	AMF OSF MAF
RED PIE RUBY 381	RED PIE STORMY 541			1348362	OSF DDF
	RED NORTHLINE FAT TONY 605U			1062804	OSF
	RED PIE EXPO 1162	(WMA 605U)		1657144	
	RED PIE DEEP EXPO 6170			1462961	AMF OSF MAF DDF
	MYTTY IN FOCUS			1483404	
	ANDRAS IN FOCUS B152			1137563	
	ANDRAS PINETA B91	(IMP 109L)	eE	1251205 *	DDF
RED ANDRAS NEW DIRECTION R240	ANDRAS PINETA B91		RC	1366630	OSF MAF
	MORGANS DIRECTION 111 9901			1246834	
	ANDRAS KURUBA B111	(IMP 0111L)		1800159	MAF DDF
	RED ANDRAS KURUBA B71		RC	1196637	M1F NHC OSF DDF
RED PIE ON THE MARK 5424	RED ANDRAS KURUBA B71			1288748	NHF OSF
	RED LCB HOSS A444N	(IMP 5424C)		1197362	OSF MAF
	RED PIE GRIDMASTER 589	(IMP 444N)		1922005	OSF MAF
	RED PIE KRUGGER KANYON 353			1363266	OSF MAF
RED PIE POTEET 9158	RED PIE KRUGGER KANYON 353			1062835	AMF OSF MAF
	RED PERKS ADVANCE 121R			921754	OSF
	RED PIE POTEET 4049	(IMP 0121L)		1348641	
	RED PIE BOTEET LOGAN 739			1195204	OSF DDF
				998756	
				556114	
Dam	RED SIX MILE MS LASS 49F	(SIXM 49F)		2041864 *	MAF DDF
	STEWART'S PRIMUS 52R	(SCC 52R)	RC	1430575	
	RED SIX MILE WIND CHILL 828W	(SIXM 828W)		1532054	OSF MAF
	RED SVR FAYE 5M	(SVR 5M)		1109993	OSF MAF
RED SIX MILE SMOKIN GUN 133Y	RED SIX MILE SMOKIN GUN 133Y	(SIXM 133Y)		1606717	CAF OSF MAF
	RED 5L NORSEMAN KING 2291	(IMP 2291L)		1234936	AMF NHF OSF MAF
	RED SIX MILE GLORIA 746W	(SIXM 746W)		1514037	CAF OSF MAF
RED SIX MILE GLORIA 361T	RED SIX MILE GLORIA 361T	(SIXM 361T)		1412533	OSF MAF DDF
	RED SIX MILE LASS 663A	(SIXM 663A)		1736844	
	RED SIX MILE CUJO 800M	(SIXM 800M)		1122219	
	RED SIX MILE PRICELESS 268P	(SIXM 268P)		1235663	
	RED RSL DUCHESS 914L	(RSL 914L)		1072383 *	
RED SIX MILE LASS 202T	RED SIX MILE LASS 202T	(SIXM 202T)		1412515 *	
	RED TOWAW INDEED 104H	(WDV 104H)		942651 *	OSF
	RED SIX MILE LASS 28N	(SIXM 28N)		1181948	
	RED GEIS LASS 225'96	(GEIS 225F)		853651	

This pedigree contains known carriers of genetic defects denoted in the pedigree as follows: AM: Arthrogryposis Multiplex, NH: Neuropathic Hydrocephalus

I hereby certify this is a true copy of the Pedigree for said animal as reflected in the records maintained by the Canadian Angus Association.

Issue Date

January 23, 2026

Myles Immerkar, CEO, Canadian Angus Association



Neogen Geneseek Operations
4131 N. 48th Street
Lincoln, Nebraska 68504
dnahelp@neogen.com
402-435-0665

STR Certificate

Report Details:

Customer: Semex- Non USDA

Date Issued: 1/26/2026

Animal Details:

Animal ID: 264M

Barcode: 0200AR20320

Reg No: 2364484

Animal Name:

Results:

Marker Name	Result
BM1818	264/266
BM1824	182/182
BM2113	135/135
ETH10	217/221
ETH225	146/150
ETH3	117/121
INRA23	206/206
SPS115	248/260
TGLA122	143/151
TGLA126	115/115
TGLA227	87/89
TGLA53	160/182

I affirm that the above test results are correct to the best of my knowledge:

Tayler Schubauer, Senior Manager, Data Group

All data included in this report is subject to Neogen's Terms and Conditions which is available at
<https://gslims.neogen.com/web/GSTermsAndConditions.pdf>



Unistel Medical Laboratories
Genetic Report

BOVINESNP50-24 v3 BeadChip

Animal Tested:

RED SIX MILE OVERHAUL 264M

M Cooke
Semex South Africa
Red Angus

Sample type:

Semen

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	G/G - Normal breakdown
	MC1R - ED	E+/E+	Tenderness	Calpain 1 - 4751	C/T - Intermediate breakdown
	Dun Dexter Dilution (TYPR1)	+/-		Calpain 1 - 530	G/G - Normal breakdown
	Silver Dilution type 1	+/-		Calpastatin - 282	C/C - Does not inhibit Calpain
	Silver Dilution type 2	+/-		Calpastatin - 2870	G/G - Does not inhibit Calpain
	Myostatin C313Y	Clear		Calpastatin - 2959	A/A - Does not inhibit Calpain
	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 Status	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			
	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
POMPE Status				Growth Hormone 2291	Normal milk fat yield, fat & protein %
				ABCG2 - protein yield milk	Normal fat, protein & milk yield. Normal fat & protein %.
				AcylCoA - milk fat percentage	Normal fat, protein & milk yield; normal fat & protein %
				Trimethylaminuria excess in milk	Clear
				Yellow milk fat	Normal yellow fat
Heat Tolerance	SLICK	No added resistance	Hornedness		
Eye Disorders	Pinkeye resistance	Reduced risk 16-26%		Polled (Celtic and Friesian)	Homozygous Polled
Bone Disorder	Osteopetrosis	Clear			
Breed mutations					
	Alpha Mannosidosis 961	Clear			
	Neuropathic hydrocephalus	Clear			
	Developmental Duplication	Clear			

Disclaimer: Unistel reports these results on the premise that the biological samples received are from the individual nominated by the owner/breeder/requester. 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 issues 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.