



**agriculture, land reform
& rural development**

Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA

**Directorate of Animal Health
Import-Export Policy Unit
Private Bag X138
Pretoria, 0001
Republic of South Africa**

**Tel: (27)-012-3197514
Fax: (27)-012-3298292**

IMPORTERS:

**SEMEX SOUTH AFRICA PTY LTD
P.O BOX 1030
SOMERSET WEST
CAPE TOWN
7129**



**Permit no: 13/1/15/2/4-
202303001450
Valid from: 2023-04-14
Expiry date: 2023-10-14**

**VETERINARY IMPORT PERMIT FOR BOVINE SEMEN FROM
THE UNITED STATES OF AMERICA
[Issued in terms of the Animal Diseases Act, 1984 (Act No. 35 of 1984)]**

With reference to Permit No **S0117/23-1** date **2023-03-08** issued in your favour by the Registrar, Animal Improvement Act, 1998 authority is hereby granted to introduce into the Republic of South Africa **50** doses of semen provided that the following conditions are complied with:

1. By making use of this veterinary import permit, the importer, named above, accepts the sole responsibility to ensure that all the conditions stated in this veterinary import permit and the veterinary health certificate on the overleaf, are complied with in full.
2. The consignment may only be exported from the **United States of America** to South Africa, and may not travel by land, air or ship through any third country or area, unless written permission is granted by the Director Animal Health.
3. The consignment must be accompanied by:

3.1 this original import permit and

3.2 the agreed upon model health certificate, completed by an official veterinarian duly authorised by the USDA, certifying the following conditions:

3.2.1 The donor bulls have been housed at an artificial insemination (AI) center which is recognized by the United States Department of Agriculture as approved to produce bovine semen for export. Bulls are entered into the production unit by a system of quarantine and testing and the production unit is tested semi annually for diseases of concern. The bulls were continuously resident within the center for at least one month prior to collection of Semen for South Africa, and in that time were not used for natural mating.

3.2.2 The United States is free of Foot-and-mouth-disease without vaccination, rinderpest, surra, and contagious bovine pleuropneumonia.

3.2.3 The AI center has been clinically free of infectious bovine rhinotracheitis (IBR) and bovine viral diarrhea (BVD), enzootic bovine leucosis (EBL), Johnes disease for at least 12 months prior to collection of semen for export.

3.2.4 The donors were tested and examined prior to entry, during isolation before entering the resident herd, and before semen release for bovine viral diarrhea virus in accordance with the CSS Minimum Requirements and found free from this disease.

3.2.5 The following antibiotics have been added to the semen and the extender during processing:

- 3.2.5.1 Gentamycin 250 mcg per ml;
- 3.2.5.2 Tylosin 50 mcg per ml
- 3.2.5.3 Lincomycin 150 mcg per ml; and
- 3.2.5.4 Spectinomycin 300 mcg per ml.

3.2.6 To the best of the knowledge of the certifying veterinarian, the semen is free from contamination of pathogenic microorganisms. The semen was examined microscopically and no evidence of blood cells was found.

3.2.7 The donor bulls were negative to the following tests within 6 months prior or 6 months after to the collection of the semen for export:

- 3.2.7.1 Brucellosis: Complement fixation (CF), buffered Brucella antigen test, SPT/SST OR other official USDA APHIS approved test
- 3.2.7.2 Tuberculosis: Intradermal caudal fold test using bovine PPD Tuberculin
- 3.2.7.3 Campylobacteriosis: Culture of preputial washings OR Polymerase chain reaction (PCR) of preputial washings
- 3.2.7.4 Trichomoniasis: Culture of preputial washings OR PCR of preputial washings
- 3.2.7.5 Leptospirosis: Microtiter agglutination test at the 1:400 dilution for serotypes L Canicola, L Grippotyphosa, and L Icterohaemorrhagiae
- 3.2.7.6 IBR: Serum neutralization (SN) test at 1:8 dilution or Elisa test or virus isolation of an aliquot of the semen being exported or PCR of an aliquot of the semen being exported.
- 3.2.7.7 Paratuberculosis: Complement fixation test at 1:8 dilution OR ELISA test OR PCR of an aliquot of the semen being exported OR Fecal culture within 12 months prior to semen collection

4. The semen must be adequately, securely and hygienically packed in flasks which were cleansed and disinfected and containing unused cryogenic material; sealed under veterinary supervision and conveyed by air to **CAPE TOWN INTERNATIONAL AIRPORT** (Port of entry).
5. The arrival of the consignment must be reported to the State Veterinarian **CAPE TOWN** Tel: **021 421 0270/1** Fax: **021 421 9985** and may not be removed from the place/port of entry without his/her permission and subject to any conditions imposed by such written permission.
6. The animals which have been inseminated with the imported semen may not be removed from the property for a period of at least thirty (30) days after insemination.
7. Any illness or death of cattle during this period of restriction must immediately be reported to the State Veterinarian of the area.
8. Full records of all sales reflecting the specific end users of the semen must be kept on file and made available to the Directorate of Animal Health on request.
9. The container and receptacles in which the semen is transported as well as all insemination apparatus used must be disinfected to the satisfaction of the State Veterinarian concerned.
10. This permit is valid for one consignment and is subject to amendment or cancellation by the Director Animal Health of the Republic of South Africa at any time without prior notice being given.



DIRECTOR: ANIMAL HEALTH

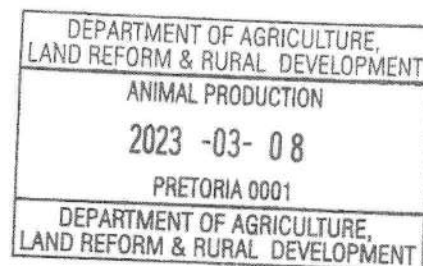
NOTE:

From 1st January 2005 any consignment imported into South Africa packed with either wood packing material or dunnage, will require treatment to remove any pests present (by heat or methyl bromide fumigation). Treatment must be indicated on packing material. [Enquiries: Directorate Plant Health & Quality Fax: 012 319 6350 or www.nda.agric.za]



agriculture, land reform & rural development

Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA



VETERINARY MASTER PERMIT NO: NO MASTER

VALID FROM: 2023/03/08
EXPIRY DATE: 2023/09/07

IMPORTATION OF SEMEN: AUTHORISATION NO. S0117/23-1

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

Expiry date: 2023/09/07 for Authorization No. S0117/23-1

Authorization is hereby granted to: SEMEX SOUTH AFRICA (PTY) LTD.

of: PO BOX 1030, SOMERSET WEST/ 136A IREN AVENUE, SOMERSET WEST, 7129/7130.

for the importation BOVINE semen of the HEREFORD breed
from (country of origin): USA.

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

Name of Animals	Reg. No.	Number of doses
TH 529B 124Y EXPLORER 44D	C03038429	50

3801 KIPP STREET, MADISON, WI53718, UNITED STATES OF AMERICA.

TOTAL: 50

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: 2023/03/08

TABLE 5
LIVE SPERMATOZOA IN A DOSE OF SEMEN

[Reg. 11 (2) (e)]

Kinds of animals	Minimum amount	Line
1. Goats		
(a) Unfrozen semen		
(i) for servical Insemination	80 million	60%
(ii) for laparoscopic insemination	10 million	60%
(b) Frozen semen		
(i) for servical insemination	80 million	30%
(ii) for laparoscopic insemination	20 million	30%
2. Horses		
(a) Unfrozen semen	500 million	25%
(b) Frozen	200 million	25%
3. Sheep		
(a) Unfrozen semen		
(i) for servical insemination	80 million	60%
(ii) for laparoscopic insemination	10 million	60%
(b) Frozen semen		
(i) for servical insemination	80 million	30%
(ii) for laparoscopic insemination	20 million	30%
4. Pigs		
(a) Unfrozen semen	1500 million	70%
(b) Frozen semen	1500 million	30%
5. Cattle		
Frozen (Post thawing)	5 million	35%

Batch Detail Report

Batch : 14878U
Owner :SA Studbook
Farm :
Account :
Origin : PRIVATE
Invoice To : Owner

Created : 2023-08-31

SAMPLE	ANIMAL	SPECIES	BREED	QAM	SIHE	TEST	Tissue Type	RESULT	INVOICE
14878U001	44D (TH 529B 145Y EXPLORER 44D) (M,40)	CATTLE	HEREFORD (40)			PROFX_C	External Profile	PEX : External Profile	

Report Date : 31-Aug-2023 14:59

Page : 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. 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. The results relate only to the samples tested. 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

SA HEREFORD
SINCE 1917



BREEDERS' SOCIETY • TELERSGENOOTSKAP

PO Box / Posbus Posbus 506, Bloemfontein, 9300

Tel: (051) 448 7302 • Cell: 082 922 4616 • Fax: (051) 448 4220

E-mail: hereford@studbook.co.za • Web: www.hereford.co.za

08/02/2023

Die Registrateur
Kamer G34
Delphen Gebou
H/v Uniestraat en Annie Bothalaan
Riviera
PRETORIA
0001

As per email: nokuthulaDH@daff.gov.za

Dear Vivian,

RE: IMPORTATION OF SEMEN

The Council of the Hereford Breeders' Society of SA approved the following importation of semen:

Name	Registration number	Number of doses
TH 529B 124Y Explorer 44D	C03038429	50 doses

Kind regards

Grobler

Liezel Grobler
Secretary



PO Box 014059, Kansas City, MO 64101-0059

816-842-3757

[www. Hereford.org](http://www.Hereford.org)

August 31, 2017

To Whom It May Concern:

Re: TH 529B 145Y EXPLORER 44D P43694377

This letter is to advise the above listed bull is free of any genetic abnormalities as tested.

If there is further information needed, please feel free to let us know.

Regards,

A handwritten signature in black ink that reads "Jack A. Ward". The signature is written in a cursive style and is positioned to the right of the word "Regards,".

Jack Ward
Executive Vice President



agriculture, forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Directorate Animal Production
Private Bag X138, Pretoria (Tshwane), 0001
Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084

APPLICATION FOR THE IMPORTATION OF ANIMALS AND GENETIC MATERIAL

CONFIDENTIAL

ANIMAL IMPROVEMENT ACT, 1998 (ACT NO. 62 OF 1998) AND THE REGULATIONS PROMULGATED IN TERMS THEREOF

A. IMPORTANT INFORMATION!

1. Complete fully in print.
2. Complete in full in duplicate. Incomplete applications will be returned to the applicant and no responsibility for any inconvenience will be accepted.
3. Application to be submitted 30 days prior to importation.
4. Import permits are valid for a limited period and one consignment only.
5. Ensure that the following documentation is attached to the application –
 - (a) An extended two generation pedigree;
 - (b) The performance records; and
 - (c) Blood typing certificate (if not available refer to regulation 13(2)(b) and/or NDA certificate/s; and
 - (d) Approval from relevant Breeder Society.
6. The applicant must be a juristic person, e.g. John Peter Citizen, or John Peter Citizen T/A Diepsloot Stud, or Diepsloot Stud CC, or Diepsloot Stud (Pty) Ltd, or Diepsloot Ltd.
7. If the applicant does not sign the application personally, a letter authorizing the signatory (agent) to sign the application on behalf of the applicant must accompany the application.
8. If an applicant has entered into an agreement with the foreign supplier of the animal's to be imported, in terms of which royalties, fees or concessions, in addition to the purchase price are payable or to be given in respect of the use of such animal/s or progeny thereof, this application shall also be accompanied by a confirmation by the Director-General of the Department of Trade and Industries that such agreement has been approved by this Department.
9. The correct fee (**R305.00**) must accompany each application.
10. Make cheques and postal orders payable to:
Director General: Agriculture
11. Applications must be submitted to the:
Registrar of Animal Improvement
Private Bag X138
Pretoria
0001
Tel: (27) 12-319 7576 / 7590
Fax: (27) 12-319 7570 / 7425

Bank Details:
Standard Bank
Branch: Arcadia
Acc.: 011219556
Branch Code: 000845 / 010845

B. IF APPLICATION IS MADE BY AN AGENT ON BEHALF OF AN IMPORTER, PLEASE PROVIDE:

1. Full names of importer.

SEMEX SOUTH AFRICA (PTY) LTD

2. Registration number (if applicable).

62-98-GT-09

3. Address of importer.

136A IRENE AVENUE, SOMERSET WEST, 7130

4. Attach proof in the form of a signed letter (on the importer's letterhead where applicable) stating:

a) That you are authorised to apply on behalf of that importer AND

b) That the importer agrees to be bound to all the terms and conditions of this application as well as any permission, permit or authorisation issued as a result thereof.

NO APPLICATION WILL BE CONSIDERED WITHOUT SUCH CONFIRMATION BEING ATTACHED.

C. PARTICULARS

1. Surname and initials of the applicant or the name of the company.

SEMEX SOUTH AFRICA (PTY) LTD

2. Identity number/Passport number: **7602280126083**

3. If the applicant is an immigrant, supply details.

N/A

4. Registered name of farm: **SEMEX SOUTH AFRICA (PTY) LTD**

5. Magisterial district: **SOMERSET WEST, CAPE TOWN**

6. Complete postal/Residential address.

P.O. BOX 1030, SOMERSET WEST / 136A IRENE AVENUE, SOMERSET WEST

7. Postal code: **7129/7130**

8. Telephone (code and number): **021 013 0225**

9. Fax (code and number): **086 240 5114**

10. E-mail: **RCOOKE@SEMEX.CO.ZA**

11. Membership number with SA Stud Book: **544305**

12. Prefix: **SEMEX**

13. Purpose of importation (give reasons and motivation).

LIVESTOCK IMPROVEMENT AND SALE OF BOVINE GENETIC MATERIAL

14. Expected date of importation: **25 MARCH 2023**

15. Approved clearing agent: **SEMEX SOUTH AFRICA (PTY) LTD**

16. Quarantine station: **MILNERTON, SOUTH AFRICA**

17. Animal/s genetic material for which application is made.

Breed: **HEREFORD**

18. Specie: **BOVINE** _____

18.1 Animals

[illegible]

19. DETAILS OF GENETIC MATERIAL

19.1. Semen donor

Name	Registration number	Number of doses
TH 529B 124Y EXPLORER 44D	C03038429	50 (NEW SIRE)
		<u>TOTAL: 50 Doses</u>

19.2. Embryo's

[illegible]

19.3. Other specify

[illegible]

20. Country of origin: **UNITED STATES OF AMERICA** _____
21. Full address of establishment or AI center from whom the import is to be made.
3801 KIPP STREET, MADISON, WI53718, UNITED STATES OF AMERICA _____

22. Port of entry: **CAPE TOWN INTERNATIONAL AIRPORT** _____

D. DECLARATION BY APPLICANT

I, the undersigned, hereby declare that—

- (a) I acknowledge that I have read and understood the provisions of the Animal Improvement Act, 1998 (Act 62 of 1998) where applicable, and any regulations promulgated there-under, as far as it relates to this application and anything contemplated herein.
- (b) the animal/s to be imported to the best of my knowledge complies with the prescribed minimum import requirements as stipulated in the Animal Improvement Act, 1998.
- (c) application shall be made for the recording/registration of the animal/s/genetic material with the SA Stud Book and Animal Improvement Association within 3 months of arrival in the country; and
- (d) negotiations to buy the animal/s/genetic material from the foreign owner are already under way; and
- (e) all veterinary and currency exchange requirements will be strictly adhered to; and
- (f) to the best of my knowledge the particulars given in this application are true and correct.



SIGNATURE
R. P. Cooke

INITIALS AND SURNAME

1 February 2023

DATE
Director

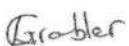
CAPACITY

E. DECLARATION BY BREEDERS' SOCIETY

Name: **SA Hereford Cattle Breeders' Society**

It is hereby declared that:

- (a) that the donor animal/s mentioned in this application does/do comply with the prescribed minimum import requirements of the breeders' society; and
- (b) the applicant is a member of this breeders' society and he/she is in the possession of recorded/registered females of this breed; and
- (c) all changes made on the application form have been initialized by this breeders' society; and
- (d) all the relevant requirements of the constitution of the breeders' society, as far as the importation is concerned, have been complied with.



SIGNATURE
L Grobler

INITIALS AND SURNAME

08/02/2023

DATE
Secretary

CAPACITY

CERTIFICATE OF ENTRY

AMERICAN HEREFORD RECORD

This is to Certify, that the Pedigree of

POLLED

NAME: TH 529B 145Y EXPLORER 44D

CALVED: Jan 12, 2016 TATTOO RE: 44D

BREEDER: TOPP HEREFORDS, GRACE CITY, ND

PRESENT: TOPP HEREFORDS, GRACE CITY, ND

OWNER(S): SEMEX BEEF, GUELPH, ON, CAN

BNC POLLED HEREFORDS, DEMORESTVILLE, ON

SEX: BULL

LE: 44D

P43694377

REGISTRY NUMBER

02/10/17

DATE OF TRANSFER

FTF PROSPECTOR 145Y P43182570

CHB DUF, HYF, IEF

HUTH PROSPECTOR 1085

SOD, CHB DUF, HYF, IEF

RRH MR FELT 3008 P23703420

SOD, CHB DUF, HYF, IEF

P42122873

HUTH 34A PAULA 68F P23944117

DOD

FTF BOMBARDIER 309N P42371319

SOD

P42806579

FTF LEANNA 480P P42475524

TH 12271 VICTOR 719T P42800895

SOD, CHB DUF, HYF, IEF

P43101172

TH 71U 719T MR HEREFORD 11X P42898638

DUF, HYF, IEF

TH 60W 11X MS DOM 5238 ET P43468475

DUF, HYF, IEF

NW FHF 9710 TANK 45P P42491957

SOD, CHB DUF, HYF, IEF

P42890129

TH 77S 45P RUBY 60W P42731131

DUF, HYF, IEF

has been accepted for entry in the American Hereford Record, such acceptance being based upon an application duly certified by the breeder. This certificate and entry is subject to correction or cancellation under the By-Laws of the

SECRETARY,
AMERICAN HEREFORD ASSOCIATION

John A. Ward

Animal Tested: DILUTOR FREE, HYPOTRICHOSIS FREE, IDIOPATHIC EPILEPSY FREE

EPD VALUES	PRODUCTION				FERTILITY			
	CE	MM	BW	YW	SC	EPD(Acc)	EPD(Acc)	EPD(Acc)
SUBJECT ANIMAL	3.2 (.31)	0.9 (.43)	57 (.33)	89 (.34)	0.8 (.21)			
SIRE	2.6 (.52)	2.8 (.86)	66 (.79)	108 (.76)	1.2 (.51)			
DAM	2.0 (.20)	1.6 (.31)	51 (.27)	75 (.27)	0.1 (.20)			

EPD VALUES	MATERIAL				CARCASS			
	MM	M&G	MCE	MCW	TEAT	CW	FAT	REA
SUBJECT ANIMAL	27 (.18)	56	2.9 (.26)	93 (.31)	1.28 (P)	57 (.21)	0.015 (.22)	0.26 (.23)
SIRE	29 (.46)	62	1.7 (.41)	126 (.52)	1.27 (.61)	76 (.57)	0.036 (.51)	0.03 (.52)
DAM	30 (.23)	56	0.6 (.18)	69 (.24)	1.28 (.31)	62 (.23)	-0.023 (.20)	0.55 (.21)

INDEXES			
EPD VALUES	BMI\$	CEZ\$	BUS\$
SUBJECT ANIMAL	18	17	13
SIRE	20	16	15
DAM	9	14	6

* P = Pedigree EPD, P* = Interim EPD

CODES	
Awards	
CHB = CHB Sire	
DOD = Dam of Distinction	
SOD = Sire of Distinction	
Genetic Defect	
DUF = Dilutor Free	
DLC = Dilutor	
IEF = Idiopathic Epilepsy Free	
IEC = Idiopathic Epilepsy	
HYP = Hypotrichosis Free	
HVC = Hypotrichosis	

Information as to any animal listed on this certificate is based solely on information provided to the AHA as of the date of this certificate. EPD information is updated semi-annually and the information herein may change in future updates. No guarantee is made that information is being provided as to any animal except as denoted by codes on this pedigree. Information on ancestry not shown may be obtained by calling 815-642-3757.

01255151735

A N I M A L	INDIVIDUAL PERFORMANCE		PROGENY AVERAGES	
		NUMBER		
Birth Wt.	90.0 %			%
Weaning Wt.	105.0 %			%
Yearling Wt.	103.0 %			%
Yearling Ht.		Frame		Frame
Yr. Scr. Cir.	36.2 Cm.			Cm.
Fat Depth	121.0 %			%
Ribeye Area	92.0 %			%
IMF	122.0 %			%
Daughters		Calves		Ratio

Birth Wt.	105.0 %	454	100.6 %
Weaning Wt.	106.0 %	357	101.3 %
Yearling Wt.	107.0 %	143	101.5 %
Yearling Ht.	6.1 Frame	75	5.3 Frame
Yr. Scr. Cir.	Cm.	69	37.9 Cm.
Fat Depth	127.0 %	107	98.9 %
Ribeye Area	97.0 %	108	97.1 %
IMF	100.0 %	108	100.7 %
Daughters	44	Calves	Ratio
		51	103.5

Birth Wt.	%	2	89.0 %
Weaning Wt.	%	1	106.0 %
Yearling Wt.	%	1	103.0 %
Yearling Ht.	Frame		Frame
Fat Depth	%	1	121.0 %
Ribeye Area	%	1	92.0 %
IMF	%	1	122.0 %

AMERICAN HEREFORD RECORD

Box 014059, Kansas City, Missouri 64101

EXTENDED PEDIGREE

NAME: TH 529B 145Y EXPLORER 44D [DLF,HYF,IEF]

SEX: BULL

HPS: POLLED

CALVED: Jan 12, 2016

TATTOO RE: 44D

LE: 44D

REGISTRY NUMBER: P43694377

BREEDER: TOPP HEREFORDS, GRACE CITY, ND

OWNER(S): TOPP HEREFORDS, GRACE CITY, ND

SEMEX BEEF, MADISON, WI

BNC POLLED HEREFORDS, DEMORESTVILLE, ON

EPD VALUES	CE EPD(Acc)	BW EPD(Acc)	WW EPD(Acc)	YW EPD(Acc)	MM EPD(Acc)	M&G EPD	MCE EPD(Acc)	SC EPD(Acc)	FAT EPD(Acc)	REA EPD(Acc)	MARB EPD(Acc)
ANIMAL	3.2 (.31)	0.9 (.43)	57 (.33)	89 (.34)	27 (.18)	56	2.9 (.26)	0.8 (.21)	0.015 (.22)	0.26 (.23)	0.16 (.19)
SIRE	2.6 (.52)	2.8 (.86)	66 (.79)	108 (.76)	29 (.46)	62	1.7 (.41)	1.2 (.61)	0.036 (.51)	0.03 (.52)	0.26 (.48)
DAM	2.0 (.20)	1.6 (.31)	51 (.27)	75 (.27)	30 (.23)	56	0.6 (.18)	0.1 (.20)	-0.023 (.20)	0.55 (.21)	-0.04 (.19)

BW	Ratio	ADJ WW	Ratio	ADJ YW	Ratio
71	90	788	105	1232	103

FELTONS 517 (P23495300) [SOD HYF]
 RRH MR FELT 3008 (P23703420) [SOD,CHB DLF,HYF,IEF]
 RRH MS VICT 6191 (P23669288)
 HUTH PROSPECTOR K085 (P42122873) [SOD,CHB DLF,HYF,IEF]
 HUTH PAUL 60D (P23801561)
 HUTH 34A PAULA 68F (P23944117) [DOD]
 HUTH 220S MAGNA 34A (P23576343)
 Sire: FTF PROSPECTOR 145Y (P43182570) [CHB DLF,HYF,IEF]
 CS BOOMER 29F (P23925982) [SOD DLF,HYF,IEF]
 FTF BOMBARDIER 309N (P42371319) [SOD]
 FTF TEMPTRESS 688F (P23938915) [DOD]
 FTF CHICK A BOOM 7227T (P42808579) [DLF,HYF,IEF]
 FTF LIMITED EDITION 232 (P42264643) [SOD,CHB DLF,HYF,IEF]
 FTF LEANNA 480P (P42479524)
 FTF CANDACE 126L (P42209036)
 DRF JWR PRINCE VICTOR 71I (P41141619) [SOD,CHB]
 TH 122 71I VICTOR 719T (P42800895) [SOD,CHB DLF,HYF,IEF]
 KBCR 19D DOMINETTE 122 (P42220359) [DLF,IEF]
 TH 71U 719T MR HEREFORD 11X (P43101172) [DLF,HYF,IEF]
 NJW FHF 9710 TANK 45P (P42491957) [SOD,CHB DLF,HYF,IEF]
 TH 7N 45P RITA 71U (P42898638) [DLF,HYF,IEF]
 TH 814H 3L RITA 7N (P42387430) [DOD DLF,HYF,IEF]
 Dam: TH 60W 11X MS DOM 529B ET (P43468475) [DLF,HYF,IEF]
 FHF 8403 STARBUCK 19H (P41029907) [SOD]
 NJW FHF 9710 TANK 45P (P42491957) [SOD,CHB DLF,HYF,IEF]
 GV 579 VICTORIA 9710 (P41000421) [DLF,HYF,IEF]
 TH 77S 45P RUBY 60W (P42980129) [DLF,HYF,IEF]
 RANGELINE 122L DATELINE 34N (P42417110)
 RANGELINE 23J RUBY 77S (P42731131) [DOD]
 DR OPERA 1G 23J (P41170159)

NO ANIMAL IN THIS PEDIGREE HAS BEEN REPORTED AS HAVING ABNORMALITIES



DNA Genotype Certificate

GenServe Laboratories™

101-110 Research Drive
Saskatoon, Saskatchewan Canada
S7N 3R3

Phone (306) 956-2075 Fax (306) 956-2066

Case Number DC806462

ANIMAL INFORMATION

Species BOVINE
Breed Hereford
Name TH 529B 145Y EXPLORER 44D
Registration No C03038429
Semen
AltID

Gender Male
Date of Birth January 12, 2016
Tag 44D
Tattoo 44D 44D
Sample Type OTHER

GENOTYPE RESULTS

Adjusted to ISAG (1995) standard

BM1818	262.00 /	266.00	BM1824	182.00 /	182.00
BM2113	139.00 /	139.00	ETH10	221.00 /	221.00
ETH225	140.00 /	148.00	ETH3	117.00 /	119.00
INRA023	214.00 /	214.00	SPS115	252.00 /	256.00
TGLA122	141.00 /	183.00	TGLA126	117.00 /	121.00
TGLA227	89.00 /	89.00	TGLA53	160.00 /	162.00

Based on samples and information received, this animal qualifies as an offspring of:

Sire

Name FTF PROSPECTOR 145Y

Reg # C02991022

Dam

Name XXXXXX

Reg # XXXXXXXXX

Notes

IMPORTED DNA GENOTYPE - SAMPLE ID 10229254.

NO DNA TYPE FOR DAM: TH 60W 11X MS DOM 529B ET Reg #: A43468475 Tag: 529B

QUALIFIED SIRE: FTF PROSPECTOR 145Y Reg #: C02991022 Case Number: DC806461 Tattoo: 145(L) Tag: 145

SAMPLE SUBMITTED BY:

CDN HEREFORD
5160 SKYLINE WAY NE
CALGARY AB CA
T2E 6V1

Date Received: June 19, 2018

Date Reported: July 06, 2018

Date Printed: July 11, 2018

Kevin Lang, Associate Scientist, Genserve Laboratories
We hereby certify that this is a true copy of the DNA
parentage report on file at GenServe Laboratories



CERTIFICATE OF ENTRY
AMERICAN HEREFORD RECORD
This is to Certify, that the Pedigree of

200908-135

7509011

NAME: TH 529B 145Y EXPLORER 44D
CALVED: Jan 12, 2016 TATTOO RE: 44D
BREEDER: TOPP HEREFORDS, GRACE CITY, ND
PRESENT: TOPP HEREFORDS, GRACE CITY, ND
OWNER(S): SEMEX BEEF, GUELPH, ON, CAN
ROBERT M HULL, CHICAGO, IL

POLLED

DUPLICATE

SEX: BULL
LE: 44D

P43694377
REGISTRY NUMBER

02/10/17
DATE OF TRANSFER

Animal Tested: DILUTOR FREE, HYPOTRICHOSIS FREE, IDIOPATHIC EPILEPSY FREE, MAPLE SYRUP
URINE DISEASE FREE, MANDIBULOFACIAL DYSOSTOSIS FREE

has been accepted for entry in the American Hereford Record, such acceptance
being based upon an application duly certified by the breeder. This certificate
and entry is subject to correction or cancellation under the By-Laws of the

SECRETARY,
AMERICAN HEREFORD ASSOCIATION

EPD VALUES	CE SUBJECT ANIMAL	BW EPD(Acc)	WW EPD(Acc)	YW EPD(Acc)	DMI EPD(Acc)	SC EPD(Acc)	SCF EPD(Acc)
7.4 (.48)		-1.6 (.69)	44 (.53)	73 (.53)	-0.1 (.17)	1.1 (.42)	15.1 (.30)
3.1 (.63)		2.8 (.89)	64 (.83)	107 (.81)	0.3 (.04)	1.3 (.68)	11.1 (.54)
8.2 (.39)		-1.6 (.47)	38 (.42)	60 (.43)	-0.3 (.14)	0.3 (.37)	15.4 (.31)

EPD VALUES	SUBJECT ANIMAL	MM EPD(Acc)	M&G EPD(Acc)	MCE EPD(Acc)	MCW EPD(Acc)	UDDER EPD(Acc)	TEAT EPD(Acc)	CW EPD(Acc)	FAT EPD(Acc)	REA EPD(Acc)	MARB EPD(Acc)
28 (.29)		50	4.9 (.31)	48 (.34)	1.30 (.43)	1.20 (.44)	62 (.22)	0.063 (.26)	0.17 (.21)	0.38 (.22)	
31 (.64)		63	2.6 (.61)	90 (.53)	1.30 (.78)	1.30 (.79)	64 (.32)	0.033 (.40)	0.12 (.32)	0.23 (.33)	
23 (.34)		42	6.1 (.30)	33 (.28)	1.30 (.49)	1.30 (.49)	53 (.21)	0.043 (.23)	0.25 (.20)	0.09 (.22)	

* P = Pedigree EPD

Information as to any animal listed on this certificate is based solely on information provided to the AHRA as
of the date of this certificate. EPD information is updated semi-annually and the information shown may
change in future updates. No genetic defect information is being provided as to any animal ancestry except
as denoted by codes on this pedigree. Information on ancestry not shown may be obtained by calling
816-842-3157.

INDEXES			
EPD VALUES	BMI\$	BIIS	CHB\$
SUBJECT ANIMAL	333	413	99
SIRE	273	361	101
DAM	316	370	89

AWARDS		CODES	
CHB = CHB Sire	Dilutor	Free	Carrier
DOD = Dam of Distinction	Idiopathic Epilepsy	IEF	IEC
SOD = Sire of Distinction	Hypotrichosis	HYF	HYC
	Maple Syrup Urine Disease	MSUDF	MSUDC

FTF PROSPECTOR 145Y P43182570
SOD DLF HYF IEF MSUDF MDDF

HUTH PROSPECTOR K085 P42122873
SOD DLF HYF IEF

RRH MR FELT 3008 P23703420
SOD CHB DLF HYF IEF
HUTH 34A PAULA 68F P23944117
DOD

FTF CHICK A BOOM 7227T P42808579
DLF HYF IEF

FTF BOMBARDIER 309N P42371319
SOD
FTF LEANNA 480P P42479524

TH 22R 16S LAMBEAU 17Y P43171190
DLF HYF IEF MSUDF MDDF

TH 121L 63N TJUNDRA 16S P42671979
DLF HYF IEF

TH 60W 17Y MS DOM 529B ET P43468475
DLF HYF IEF

TH 62N 3L KEISEY 22R P42631155
DLF HYF IEF
NMV HFF 9710 TANK 45P P42491957
SOD DLF HYF IEF MDDF

TH 77S 45P RUBY 80W P42880129
DLF HYF IEF

RANGELINE 23J RUBY 77S P42731131
DOD DLF HYF IEF

INDIVIDUAL PERFORMANCE	NUMBER	PROGENY AVERAGES
Birth Wt.	26	88.3 %
Weaning Wt.	22	96.1 %
Yearling Wt.	7	97.4 %
Yearling Ht.	6	37.1 Cm.
Yr. Scr. Cir.	6	106.0 %
Fat Depth	6	96.8 %
Ribeye Area	6	133.2 %
IMF	6	Ratio
Daughters	Calves	
Birth Wt.	660	100.9 %
Weaning Wt.	549	101.3 %
Yearling Wt.	207	101.3 %
Yearling Ht.	87	5.3 Frame
Yr. Scr. Cir.	81	37.6 Cm.
Fat Depth	143	99.2 %
Ribeye Area	143	96.8 %
IMF	143	100.7 %
Daughters	Calves	Ratio
Birth Wt.	287	101.2 %
Weaning Wt.	5	93.0 %
Yearling Wt.	4	103.0 %
Yearling Ht.	3	101.0 %
Yearling Ht.	3	116.3 %
Fat Depth	3	101.0 %
Ribeye Area	3	96.7 %
IMF	3	



DNA Genotype Certificate

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Based on samples and information received, this animal qualifies as an offspring of:

Sire

Name FTF PROSPECTOR 145Y

Reg # C02991022

Dam

Name TH 60W 11X MS DOM 529B ET

Reg # A43468475

Notes

IMPORTED DNA GENOTYPE - SAMPLE ID 10229254.

QUALIFIED SIRE: FTF PROSPECTOR 145Y Reg #: C02991022 Case Number: DC806461 Tattoo: 145(L) Tag: 145

QUALIFIED DAM: TH 60W 11X MS DOM 529B ET Reg #: A43468475 Case Number: DC806751 Tag: 529B

REVISION-DAM

SAMPLE SUBMITTED BY:

CDN HEREFORD
5160 SKYLINE WAY NE
CALGARY AB CA
T2E 6V1

Date Received: June 19, 2018

Date Reported: September 11, 2018

Date Printed: September 19, 2018

Kevin Lang, Associate Scientist, GenServe Laboratories
We hereby certify that this is a true copy of the DNA
parentage report on file at GenServe Laboratories