

Bianca

From: Appaloosa Horse Breeders Society SA Registrations [ahbssareg@gmail.com]
Sent: 14 September 2026 01:22 PM
To: Bianca
Subject: Hynders American Atlas
Attachments: Hynders American Atlas_Registration Forms_20260803_0001.pdf

Reg no; AHB 26/014 SP

DNA: U632807
Kind Regards / Vriendelike Groete
Mercia Smith
0744298461

THE APPALOOSA HORSE BREEDERS SOCIETY OF SOUTH AFRICA (AHBSSA)

**REGISTRATION APPLICATION FORM (Pg 1)****Submit before foal is 3 months old**

AHBSSA PO Box 1210, Derdepark, Pretoria, 0035

Cell : 0744 298 461

Email: ahbssareg@gmail.com Postnet Derdepark

Documents required for registration: All can be emailed and DNA sent by registered post or via Postnet
(Please ensure you keep a copy)

Office Use:

Registration form Page 1 signed	✓	Registration Number	
Registration form Page 2 signed	✓	Lidcat Number	
Cover certificate if not owner signed		DNA Number	
Photos (front, back left, right)+declaration signed	✓	Genetic Results	✓
DNA sample (At least 20 hair with follicles)	✓	CEM for foal and dam if sire was not submitted	
Use form if required			
CEM for stallion handed in		Date Received	

Please indicate category for Application with X

Miniature		Pony		Sport Horse		Appaloosa Main Registry	X
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Name of Applicant	HYNDERS APPALOOSA STUD	Stud Prefix	HYNDERS
Contact Details	066 503 8769	Stud Book Membership No	
Name of Owner/ Lessee of Stallion	TIFFANY JANE HERON	Stud Book Membership No	
Name of Owner/ Lessee of Mare	RENICE DE GROOT	Stud Book Membership No	
Full registered name of Stallion	THE AMERICAN FLYER (USA)	AHBSSA Registration No	AHB 10/201 SP
Full registered name of Mare	LES CHEVAUX WILLOW	AHBSSA Registration No	AHB 16/013 SP

Covering Date: From Feb 2025			Covering Date : To June 2025.			
Type of Mating:	In Hand		AI		Pasture	X

Declaration by the registered breeder / owner of the stallion/mare at the time the mare was covered
"I hereby declare that to the best of my knowledge, the information on this document is true and correct"

Signature Owner/ Lessee of Stallion		Stud Book Membership No	
Signature Owner/ Lessee of Mare		Stud Book Membership No	

Details of Animal to be Registered – Excluding Prefix with maximum of 20 letters and spaces unless animal is already registered with another breed

A	M	E	R	I	C	A	N	'	S		A	T	L	A	S				
Date of Birth	18 January 2026										Sex	Colt							

THE APPALOOSA HORSE BREEDERS SOCIETY OF SOUTH AFRICA (AHBSSA)



REGISTRATION APPLICATION FORM (Pg 2)

Submit before foal is 3 months old

Full name of Animal to be registered

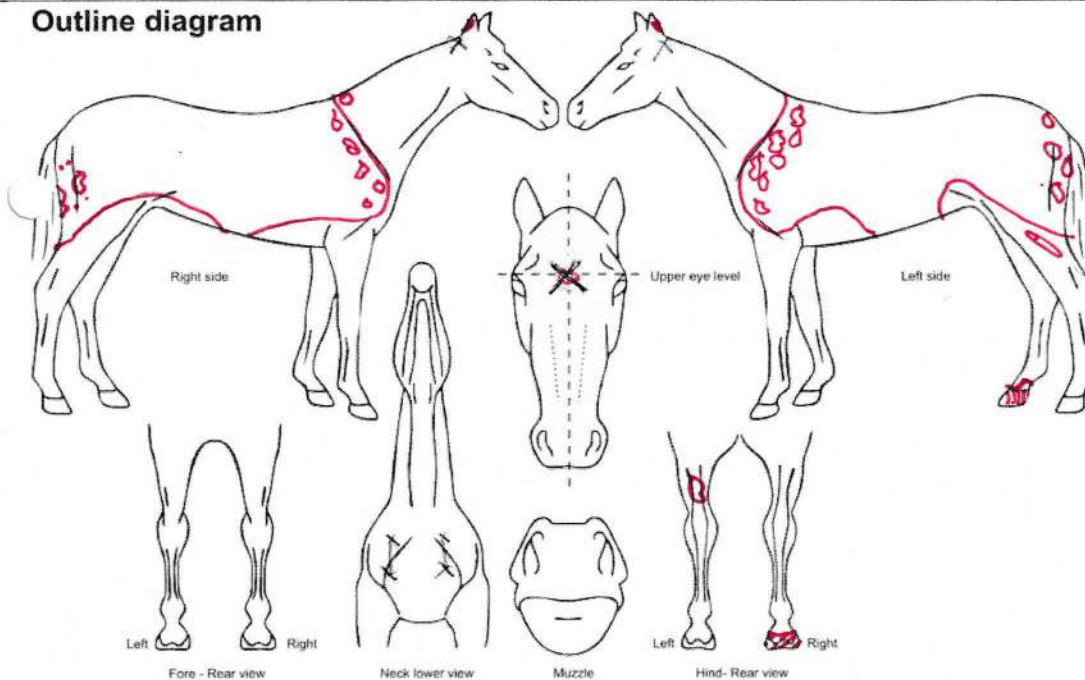
Hynders American's Atlas.

Coat colour, markings and Appaloosa Characteristics

- Complete the details of your animal's **white leg and face MARKINGS** by shading the white areas on your horse onto the diagrams below, in red ink.
- Indicate the **hoof colour and markings** on the same diagrams.
- Mark the location of **whorls** in black with a cross
- Indicate the position of any **brands or scars** with an arrow

Do NOT draw the Appaloosa Coat pattern

Outline diagram



Coat Patterns

White Blanket	X
Spotted Blanket	
Lace Blanket	
Extended Blanket	X
Spotted Hip/black	
Few Spot Leopard	
Leopard	
Near Leopard	
Snowflake Spotted	
Spotted hip/white	
Normal Roan	
Marble Roan	
Varnish Roan	
Roaning	
Frosting	
None	

Complete the following charts to indicate the coat colour and Appaloosa characteristics.

Mark relevant boxes with X

Base Coat Colours		Characteristics (mark if present)							
Black		Mottled Skin							
Bay	X	Anus/vulva	X	White Sclera	L	X	R	X	
Chestnut		Muzzle	X						
Brown		Sheath/Udder	X	Striped Hooves	LF		RF		
Other		Around Eyes			LH		RH	X	

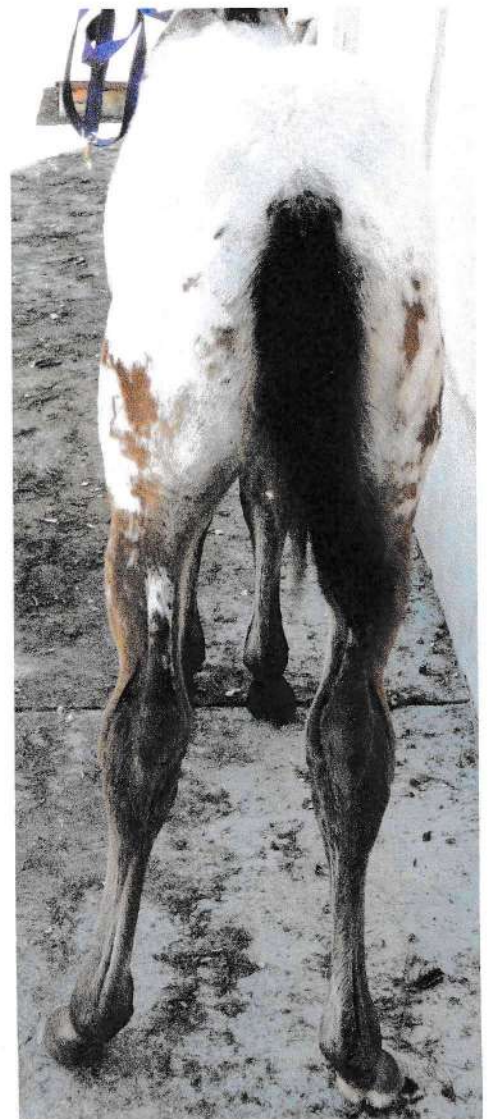
Specify Other

Declaration: "I declare that the pedigree, breeding particulars and identification marks of the animal described herein are correct, and that all the requirements of the Constitution and the Act relating to application for registration have been complied with"

Signed at	Richmond	Date	19 Jan 2006
Name	Renice de Groot	Signature	



**HYNDERS
AMERICAN
ATLAS**





Unistel Medical Laboratories

Genetic Report

Polysaccharide Storage Myopathy Type 1



PSSM1

Name: Hynders American Atlas

Registration ID: -

Date of birth: 18/01/2026

Gender: Male

Breed: Appaloosa

Laboratory number: U632808

Client name: De Groot, R

TEST DESCRIPTION:

Polysaccharide Storage Myopathy Type 1 (PSSM1) is an autosomal dominant muscle condition that occurs primarily in horses of Quarter Horse descent, but has also been observed in Draft breeds. The disease is caused by a mutation in the *GYS1* gene, which alters the functionality of the glycogen synthase enzyme. In horses that are affected, the conversion of glucose to stored glycogen occurs at a much faster rate, resulting in abnormally high concentrations of glycogen in muscle tissues. Symptoms include muscle stiffness and pain after exercise ("tying up"), skin twitching, sweating, lameness and a reluctance to move after light exercise. The age of onset can vary, with some horses showing symptoms from 2 to 3 years of age, while others remain subclinical. While PSSM1 cannot be cured, its effects can be effectively managed through the implementation of appropriate diet and exercise routines.

TEST RESULT: CLEAR

BREEDING IMPLICATIONS OF TEST RESULT:

This horse has two copies of the normal allele for *GYS1*, and will neither develop nor pass on the mutation for PSSM1 caused by the *GYS1* mutation to its offspring.

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



DNA PARENTAGE REPORT

OFFSPRING:

Name: HYNDERS AMERICAN ATLAS

Tag: NA

Breed: APPALOOSA

Sex: Male

Date of Birth: 2026-01-18

Animal ID:

Registration No:

DNA Reference: U632807

VHL20 IL	HTG4 MM	AHT4 JK	HMS7 LO	HTG6 OO	AHT5 JJ
HMS6 LO	ASB23 KS	ASB2 MO	HTG10 MR	HTG7 MO	HMS3 PP
HMS2 LL	ASB17 FM	LEX3 MM	HMS1 IM	CA425 JN	

SIRE: Nominated Sire Valid

Name: THE AMERICAN FLYER (USA)

Tag: NA

Breed: APPALOOSA

Date of Birth:

Animal ID:

Registration No:

DNA Reference: U396708

Profile sourced from another Laboratory, Alt No:AP073/11

DAM: Nominated Dam Valid

Name: LES CHEVAUX WILLOW

Tag: NA

Breed: APPALOOSA

Date of Birth: 2016-10-07

Animal ID:

Registration No:

DNA Reference: U618948

Profile sourced from another Laboratory, Alt No:AP176/16

C Rossouw

Animal Division Manager

Date Printed:

07 April 2026

This Certificate replaces all previously issued certificates.

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee.

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