

CERTIFICATE

AMERICAN QUARTER HORSE ASSOCIATION

OF REGISTRATION

PINES NIFTY WHIZ
February 01, 2006 Bay Mare
4887485

JOE CODY (1952)
0042543

DOC BAR LINDA (1967)
0519839

CEE RED (1967)
0493772

JEANIE WHIZ (1968)
0528207

TOPSAIL CODY (1977)
1275074

TOPSAIL WHIZ (1987)
2675816

JEANIE WHIZ BAR (1972)
0842033

POCO BRIGHT STAR (1960)
0124389

CRIER'S BETTY (1957)
0090125

BOSS' NOWATA STAR (1972)
0863361

NIFTY DELLA BEE (1965)
0381416

GREAT PINE (1966)
0410616

PINES NIFTY NINETY (1990)
2966949

STOPPIN JESSIE (1981)
1765632

BREEDER
LLOYD JOHN B
MADISONVILLE, KENTUCKY

STATE/COUNTRY FOALED
KENTUCKY

CURRENT OWNER
BIZET MELANIE
1495 SART-DAMES AVELINES, BELGIUM

DATE ACQUIRED
NOVEMBER 25, 2014

AQHA
INCENTIVE FUND



Craig P. Hoffpines

Executive Vice President



AMERICAN
QUARTER
HORSE
ASSOCIATION

This is to certify the above named and described horse has been registered with the American Quarter Horse Association. This certificate is issued in sole reliance on written application submitted by the owner at time of foaling without further verification by AQHA. Ownership of this certificate is retained by AQHA, and issued upon express condition that AQHA has the continuing privilege to demand immediate return thereof for correction, cancellation, or any other official reason AQHA rules, and pending resolution of the matter, AQHA may retain possession thereof.

REGISTERED NAME
PINES NIFTY WHIZ

REGISTRATION NUMBER
4887485



DATE ISSUED
NOVEMBER 07, 2016

OWNER NAME
BIZET MELANIE

MELANIE BIZET
DE CHEMIN MOULIN BUCKET 1
1495 SART-DAMES AVELINES
BELGIUM



DNA CASE NUMBER
QHA38791

MARKINGS
NO MARKINGS.

The name on the front of this certificate listed as **CURRENT OWNER** is the present owner of this horse as shown on the records of American Quarter Horse Association. If ownership changes have occurred, up to three previous owners are listed below. All other ownership records are on file in the AQHA office.

11/30/07 **WOLLANTS FRANK**
2/01/06 **LLOYD JOHN B**

2220 HEIST OP DEN BERG, BELGIUM
MADISONVILLE, KENTUCKY

(Physical Address)
1600 Quarter Horse Drive
Amarillo, TX 79104

Telephone: (806)376-4811
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(Mailing Address)
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DAVIS, CALIFORNIA 95616-8744

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AQHA GENETIC DISEASE PANEL TEST RESULTS

AMERICAN QUARTER HORSE ASSOCIATION P.O. BOX 200 AMARILLO, TX 79168-0001	Case: QHA289776 Date Received: 21-Feb-2017 Print Date: 24-Feb-2017 Report ID: 0385-7557-0943-8048 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Horse: PINES NIFTY WHIZ YOB: 2006 Sex: Mare Breed: Quarter Horse Alt. ID: 5747388	Reg: 4887485
Sire: TOPSAIL WHIZ Dam: PINES NIFTY NINETY	Reg: 2675816 Reg: 2966949

GBED	N/N	N/N - Normal - Does not possess the disease-causing GBED gene
HERDA	N/N	N/N - Normal - horse does not have the HERDA gene
HYPP	N/N	N/N - Normal - Does not possess the disease-causing HYPP gene
MH	N/N	N/N - Normal - horse does not have the MH gene
PSSM1	N/N	N/N - Normal - horse does not have the PSSM1 gene

GBED - Glycogen Branching Enzyme Deficiency. Fatal disease of newborn foals caused by defect in glycogen storage. Affects heart and skeletal muscles and brain. Inherited as recessive disease.

HERDA - Hereditary Equine Regional Dermal Asthenia. Skin disease characterized by hyperextensible skin, scarring, and severe lesions along the back of affected horses. Typical onset is around 2 years of age. Inherited as a recessive disease.

HYPP - Hyperkalemic Periodic Paralysis. Muscle disease caused by defect in sodium channel gene that causes involuntary muscle contraction and increased level of potassium in blood. Inherited as dominant disease. Two copies of defective gene produce more severe signs than one copy.

MH - Malignant Hyperthermia. Rare but life-threatening skeletal muscle disease triggered by exposure to volatile anesthetics (halothane), depolarizing muscle relaxants (succinylcholine), and stress. Presumed inheritance as dominant disease.

PSSM1 - Polysaccharide Storage Myopathy Type 1. Muscle disease characterized by accumulation of abnormal complex sugars in skeletal muscles. Signs include muscle pain, stiffness, skin twitching, sweating, weakness and reluctance to move. Inherited as a dominant disease.

GBED testing performed under a license agreement with the University of Minnesota.

HERDA testing performed under a license agreement with the University of California, Davis.

PSSM1 testing performed under a license agreement with the American Quarter Horse Association.