

Holstein Association USA, Inc.

CERTIFICATE OF REGISTRATION

99% Registered Holstein Ancestry (RHA-NA)

REGISTRATION	NUMBER	840003208679954 99%RHA-NA	COLOR	BLACK & WHITE	SEX	MALE	HERD NO.	2778
NAME	BOMAZ NOVASTAR-ET TC TY TV TL TD				BORN	12/03/19		
BREEDER	Bomaz, Inc. HAMMOND, WI				ACCOUNT NO.	B08383		
OWNER	Bomaz, Inc. HAMMOND, WI				ACCOUNT NO.	B08383		
SIRE	PINE-TREE HEROIC-ET 840003142332589 99%RHA-NA (29HO19000) TR TC TY TV TL TD				ABS ACHIEVER-ET 840003128557482 99%RHA-NA TC TY TV TL TD AOT MODESTY HOSS-ET 840003135331929 100%RHA-NA			
DAM	BOMAZ OUTSIDERS 7729-ET 840003132904095 100%RHA-NA				HURTGENLEA YDR OUTSIDERS-ET USA 74345967 100%RHA-NA TR TP TC TY TV TL TD RI-VAL-RE DELTA 6675-ET USA 73953702 100%RHA-NA TR TL TD			

CLASSIFIED

DNA GENOTYPED

A change of ownership for this animal must be recorded in the manner prescribed by the Bylaws of the Holstein Association USA, Inc.

TRANSFER RECORD

The ownership of this animal has been transferred on the records of Holstein Association USA, Inc. as follows.

AI Total US; HUDSON, WI

525062

08/17/20



The animal described by this certificate has been accepted for registration with the Holstein Association USA, Inc. This certificate is issued in full reliance upon the statements in the application for registration. In no event is this certificate a guarantee by the Association of the breeding or ownership of the animal or any other information in this document. The registration may be corrected or expunged from the records of the Association as authorized by the Bylaws of the Association.

DATE ISSUED	08/19/20	005750447
TC	Tested free of CD	
TY	Tested free of Brachyspina	
TV	Tested free of CVM	

John M. Meyer
Executive Secretary



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.

www.holsteinusa.com



99% Registered Holstein Ancestry (RHA-NA)

P9 20K GTPI 75%R

12/03/2019

2778
MALE

BOMAZ NOVASTAR-ET

840003208679954 99%RHA-NA TC TY TV TL

PTA +760M +90F +36P 76%R 8/2020
PTA +778NM +.21%F +.04%P 100%US
PTA +6.1PL 2.69SCS +1.4DPR 2.0%DCE
PTA +.82T +1.32UDC +.51FLC 74%R 8/2020
PTA +184FE +1.6FI 1.8%SCE

AI TOTAL US
STEVE MOWER
1515 LIVINGSTONE RD STE B
HUDSON, WI 54016-9300
715/808-8653

ABS ACHIEVER-ET

840003128557482 99%RHA-NA TC TY TV TL
GM 8/20 11/15/2015

PTA +305M +114F +29P 98%R 8/2020
PTA +809NM +.36%F +.07%P 96%US
PTA +5.1PL 2.82SCS -.2DPR 2.1%DCE
PTA +.37T +.77UDC +.93FLC 92%R 8/2020

AOT MODESTY HOSS-ET

840003135331929 100%RHA-NA
2-05 83 +V+++ 09/25/2016

PTA +593M +87F +37P 84%R 8/2020
PTA +575NM +.22%F +.06%P
PTA +2.3PL 3.21SCS -.5DPR 1.7%DCE
PTA +1.13T +.99UDC +.12FLC 84%R 8/2020

PINE-TREE HEROIC-ET

840003142332589 99%RHA-NA TR TC TY TV
02/23/2018

PTA +754M +126F +.41P 80%R 8/2020
PTA +871NM +.34%F +.06%P 100%US
PTA +4.7PL 2.87SCS -.4DPR 2.0%DCE
PTA +.96T +1.31UDC +.41FLC 79%R 8/2020
PTA +262FE -0.2FI 1.9%SCE

BOMAZ OUTSIDERS 7729-ET

840003132904095 100%RHA-NA
02/20/2017

PTA +1330M +80F +46P 80%R 8/2020
PTA +639NM +.10%F +.02%P
PTA +4.1PL 2.90SCS -.1DPR 2.0%DCE
PTA +.80T +1.07UDC +.48FLC 77%R 8/2020
PTA +171FE +0.4FI 2.0%SCE

HURTGENLEA YDR OUTSIDERS-ET

USA 74345967 100%RHA-NA TR TP TC TY TV
GM 12/19 02/25/2015

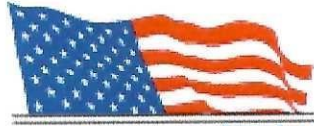
PTA +1960M +82F +55P 99%R 8/2020
PTA +629NM +.02%F -.02%P 100%US
PTA +3.5PL 2.84SCS -1.5DPR 2.2%DCE
PTA +.49T +.50UDC +.35FLC 95%R 8/2020

RI-VAL-RE DELTA 6675-ET

USA 73953702 100%RHA-NA TR TL TD
4-05 90 VE+VE 05/23/2015

PTA +120M +36F +15P 87%R 8/2020
PTA +405NM +.11%F +.04%P
PTA +4.3PL 2.87SCS +1.6DPR 2.4%DCE
PTA +1.25T +2.10UDC +.66FLC 84%R 8/2020

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	2-01	3	305	27020	102	4.1	1099	3.5	940
			317	28190	102	4.1	1149	3.5	982
***	3-01	3	299	34210	102	4.0	1364	3.4	1149
***	4-00	3	249	26680		4.0	1076	3.3	893



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

1 Holstein Place, Brattleboro, VT 05302-0808
800.952.5200 • Fax: 802.254.8251 • www.holsteinusa.com

DNA GENOTYPE CERTIFICATE

NAME: 840003208679954 M BOMAZ NOVASTAR-ET
DOB: 12/03/2019 M20125019

SIRE: 840 3142332589 PINE-TREE HEROIC-ET
DAM: 840 3132904095 BOMAZ OUTSIDERS 7729-ET

BM1818	266/266
BM1824	178/188
BM2113	127/135
CYP21	198/198
ETH10	219/223
ETH225	148/150
ETH3	129/129
INRA023	202/206
RM067	92 /92
SPS115	248/248
TGLA126	117/117
TGLA122	143/163
TGLA227	89 /91
TGLA53	160/168
MGTG4B	135/135
SPS113	141/147

Parentage Status: Sire and Dam Qualify

Date Tested: 03/10/2020
Date Issued: 10/01/2020

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.



HOLSTEIN ASSOCIATION USA, INC.

1 Holstein Place, PO Box 808, Brattleboro, VT 05302-0808
www.holsteinusa.com 800.952.5200

Genetic Code Report

BOMAZ NOVASTAR-ET 840003208679954 HMID: 2778

AI Total US, Hudson WI

DOB: 12/03/2019

Sire: PINE-TREE HEROIC-ET

840003142332589

Dam: BOMAZ OUTSIDERS 7729-ET

840003132904095

GENETIC CONDITIONS	Novastar	SIRE	DAM
CVM	TV HHCT(Non-Carrier)	TV HHCT	HHCT
Brachyspina	TY HH0T(Non-Carrier)	TY HH0T	HH0T
BLAD	TL HHBT(Non-Carrier)	TL HHBT	HHBT
DUMPS	TD HHDT(Non-Carrier)	TD HHDT	HHDT
Mulefoot	HHMT(Non-Carrier)	HHMT	HHMT
Cholesterol Deficiency	TC HCD0(Non-Carrier)	TC HCD0	HCD0
Horned/Polled	HHPT(Non-Carrier)	HHPT	HHPT
Dominant Red	HDRT(Non-Carrier)	HDRT	HDRT
Recessive Red	HRR0(TR)	TR HRR0	HRR0
Black/Red	HBRT(Non-Carrier)	HBRT	HBRT
HAPLOTYPES IMPACTING FERTILITY			
Haplotype 1	HH1T(Non-Carrier)	HH1T	HH1T
Haplotype 2	HH2T(Non-Carrier)	HH2T	HH2T
Haplotype 3	HH3T(Non-Carrier)	HH3T	HH3T
Haplotype 4	HH4T(Non-Carrier)	HH4T	HH4T
Haplotype 5	HH5T(Non-Carrier)	HH5T	HH5T
Beta Casein A/B	AA		
MILK PROTEINS			
Beta Casein A2	A2/A2		
Beta Lactoglobulin	BB		
Kappa Casein	BB		

For more on interpreting this report, visit www.holsteinusa.com

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