

# Holstein Association USA, Inc.

## CERTIFICATE OF REGISTRATION

### 99% Registered Holstein Ancestry (RHA-I)

REGISTRATION NUMBER	<b>840003134545257 99%RHA-I</b>	COLOR	<b>BLACK &amp; WHITE</b>	SEX	<b>MALE (515HO339)</b>	HERD NO.	<b>10783</b>
NAME	<b>PLAIN-KNOLL MARCUS-ET</b> TR TP TC TY TV TL TD			BORN	<b>06/18/18</b>		
BREEDER	<b>Buschur Dairy Farms, Inc.</b> NEW WESTON, OH			ACCOUNT NO.	<b>B21629</b>		
OWNER	<b>Buschur Dairy Farms, Inc.</b> NEW WESTON, OH			ACCOUNT NO.	<b>B21629</b>		
SIRE	<b>S-S-I FRANCHISE BENZ-ET</b> <b>840003136807406 100%RHA-NA (7HO13693)</b> TR TP TC TY TV TL TD			<b>OCD RODGERS FRANCHISE-ET</b> <b>840003014365400 100%RHA-NA TR TP TY TV TL TD</b>			
				<b>S-S-I MONT 8433 10852-ET</b> <b>840003124584958 100%RHA-NA</b>			
DAM	<b>PLAIN-KNOLL FERDND 1121-ET</b> <b>840003134557644 99%RHA-I</b>			<b>DE-SU FERDINAND 12489-ET</b> <b>USA 72852032 99%RHA-I TR TP TY TV TL TD</b>			
				<b>S-S-I SPRSIRE MABEL 8828-ET</b> <b>840003011538227 100%RHA-NA</b>			

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**

**03/15/19**



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 **04/03/19** **005435422**

**TR Tested free of red gene**  
**TP Tested free of polled**  
**TC Tested free of CD**

*John M. Meyer*  
Executive Secretary



# OFFICIAL HOLSTEIN PEDIGREE



U.S. Registered Holsteins  
FOR MAXIMUM PROFIT

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www.holsteinusa.com

## 99% Registered Holstein Ancestry (RHA-I)

**PLAIN-KNOLL MARCUS-ET** P9 75K GTPI 76%R  
840003134545257 99%RHA-I TR TP TC TY TV +2681 G

PTA +1673M +87F +72P 77%R 4/2019  
PTA +831NM +.09%F +.07%P 100%US  
PTA +4.9PL 2.86SCS +.7DPR 3.7%DCE  
PTA +1.53T +2.08UDC +.73FLC 75%R 4/2019  
PTA +218FE +1.1FI 7.2%SCE

**S-S-I FRANCHISE BENZ-ET** P9 75K GTPI 79%R  
840003136807406 100%RHA-NA TR TP TC TY +2571 G  
2-10 85 VVV+ 05/26/2016

PTA +1232M +60F +55P 80%R 4/2019  
PTA +737NM +.05%F +.06%P 100%US  
PTA +6.3PL 2.88SCS +2.4DPR 3.4%DCE  
PTA +1.58T +2.05UDC +1.10FLC 78%R 4/2019  
PTA +162FE +2.3FI 6.4%SCE

**PLAIN-KNOLL FERDND 1121-ET** P9 19K GTPI 81%R  
840003134557644 99%RHA-I +2688 G  
05/23/2016

PTA +2357M +96F +90P 82%R 4/2019  
PTA +840NM +.03%F +.06%P  
PTA +3.6PL 3.01SCS -.2DPR 4.6%DCE  
PTA +1.75T +1.71UDC +.50FLC 79%R 4/2019  
PTA +246FE -0.2FI 7.9%SCE

AGE X DAYS MILK DCRM % FAT % PRT DCRG  
\*\*\* 1-10 3 305 32650 102 3.5 1137 3.5 1128 88

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

**OCD RODGERS FRANCHISE-ET** P9 49K GTPI 96%R  
840003014365400 100%RHA-NA TR TP TY TV +2409 G  
06/22/2014

PTA +716M +47F +33P 98%R 4/2019  
PTA +635NM +.07%F +.04%P 77%US  
PTA +5.5PL 2.92SCS +2.5DPR 2.2%DCE  
PTA +1.18T +2.37UDC +.90FLC 96%R 4/2019

**S-S-I MONT 8433 10852-ET** 13K GTPI 81%R  
840003124584958 100%RHA-NA +2497 G  
07/15/2014

PTA +1382M +64F +55P 82%R 4/2019  
PTA +652NM +.04%F +.05%P  
PTA +5.2PL 2.99SCS +2.3DPR 5.4%DCE  
PTA +1.79T +1.56UDC +1.08FLC 81%R 4/2019

**DE-SU FERDINAND 12489-ET** P9 49K GTPI 94%R  
USA 72852032 99%RHA-I TR TP TY TV TL TD +2528 G  
4-08 90 VEEE 07/04/2014

PTA +2414M +55F +77P 97%R 4/2019  
PTA +633NM -.12%F +.01%P 100%US  
PTA +2.9PL 3.26SCS +.7DPR 4.5%DCE  
PTA +2.31T +2.63UDC +1.53FLC 93%R 4/2019

**S-S-I SPRSIRE MABEL 8828-ET** 9K GTPI 87%R  
840003011538227 100%RHA-NA +2631 G  
2-07 85 VV++V DOM 02/17/2013

PTA +2377M +116F +85P 88%R 4/2019  
PTA +885NM +.09%F +.04%P  
PTA +3.9PL 2.77SCS -1.4DPR 5.0%DCE  
PTA +.88T +.71UDC -.49FLC 88%R 4/2019

AGE X DAYS MILK DCRM % FAT % PRT DCRG  
\*\*\* 2-02 3 305 34640 100 3.5 1208 3.2 1110 90  
\*\*\* 3-05 3 305 32440 101 4.1 1324 3.4 1115 91  
362 35540 101 4.1 1467 3.4 1221 91

# Family Tree Search

Click on Bracket to Zoom.

**Ped** 840 3134545257 99%-I  
 PLAIN-KNOLL BENZ ANNEX-ET  
 06/18/2018  
 TR TP TC TY TV TL TD GT {  
 HH 0 1 2 3 4 5 B C D M P DR RR CD  
 T T T T T T T T T T T 0 0 0

**Ped** 840 3136807406 100%-NA  
 S-S-I FRANCHISE BENZ-ET  
 7HO13693 05/26/2016  
 TR TP TC TY TV TL TD GT {  
 HH 0 1 2 3 4 5 B C D M P DR RR CD  
 T T T T T T T T T T T 0 0 0

**Ped** 840 3014365400 100%-NA  
 OCD RODGERS FRANCHISE-ET  
 7HO12601 06/22/2014  
 TR TP TY TV TL TD GT

**Ped** 840 3124584958 100%-NA  
 S-S-I MONT 8433 10852-ET  
 07/15/2014  
 GT

**Ped** 840 3134557644 99%-I  
 PLAIN-KNOLL FERDND 1121-ET  
 05/23/2016  
 GT {  
 HH 0 1 2 3 4 5 B C D M P DR RR CD  
 T T T T T T T T T T T 0 0 0

**Ped** USA 72852032 99%-I  
 DE-SU FERDINAND 12489-ET  
 7HO12611 07/04/2014  
 TR TP TY TV TL TD GT

**Ped** 840 3011538227 100%-NA  
 S-S-I SPRSIRE MABEL 8828-ET  
 02/17/2013  
 GT



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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: 840003134545257 M PLAIN-KNOLL BENZ ANNEX-ET  
DOB: 06/18/2018 M18120440

SIRE: 840 3136807406 S-S-I FRANCHISE BENZ-ET  
DAM: 840 3134557644 PLAIN-KNOLL FERDND 1121-ET

BM1818	262/266
BM1824	178/188
BM2113	125/135
CYP21	187/198
ETH10	209/209
ETH225	148/150
ETH3	129/129
INRA023	202/210
RM067	92 /92
SPS115	248/248
TGLA126	115/117
TGLA122	143/163
TGLA227	89 /97
TGLA53	162/184
MGTG4B	141/153
SPS113	151/153

Parentage Status: Qualifies

Date Tested: 09/24/2018

Date Issued: 10/17/2018

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

**PLAIN-KNOLL BENZ ANNEX-ET 840003134545257 HMID: 10783**

Buschur Dairy Farms Inc, New Weston OH

DOB: 06/18/2018

Sire: S-S-I FRANCHISE BENZ-ET 840003136807406

Dam: PLAIN-KNOLL FERDND 1121-ET 840003134557644

GENETIC CONDITIONS	Annex	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	TP HHPT(Non-Carrier)	TP HHPT	HHPT
Dominant Red	HDRT(Non-Carrier)	HDRT	HDRT
Recessive Red	TR HRR0(Non-Carrier)	TR HRR0	HRR0
Black/Red	HBRT(Non-Carrier)	HBRT	HBRT
<b>HAPLOTYPES IMPACTING FERTILITY</b>			
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
<b>MILK PROTEINS</b>			
Beta Casein A2	A1/A2		
Beta Lactoglobulin	AB	AB	
Kappa Casein	AB	AB	
<b>OTHER</b>			
Citrullinemia	T	T	

For more on interpreting this report, visit [www.holsteinusa.com](http://www.holsteinusa.com)

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