



OFFICIAL HOLSTEIN PEDIGREE



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

www.holsteinusa.com

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FOR MAXIMUM PROFIT

99% Registered Holstein Ancestry (RHA-I)

T-SPRUCE FROST BITE 2599-ET A2/A2 AA P8 32K GTPI 80%R
840003247982041 99%RHA-I TR TP TE TC TV +2985 G

PTA	+1712M	+59F	+47P	81%R	8/2025
PTA	+586NM	-.04%F	-.03%P	100%US	
PTA	+2.8PL	3.07SCS	-.8DPR	1.7%DCE	
PTA	-.05T	-.32UDC	-.66FLC	80%R	8/2025
PTA	+190FE	+1.1FI	1.2%SCE		

ARNOLD B. GRUENES
17565 COUNTY ROAD 43
RICHMOND, MN 56368-8544
320/453-7322

745H010331 FROST
07/17/2022 MALE

T-SPRUCE NUGT GRANADA-ET A1/A2 AE 75K GTPI 98%R
840003203292278 99%RHA-I TR TP TM TE TC +2908 G
GM 12/23 11/19/2018

PTA	+1743M	+53F	+37P	99%R	8/2025
PTA	+601NM	-.07%F	-.07%P	100%US	
PTA	+3.7PL	2.89SCS	-1.9DPR	1.9%DCE	
PTA	+.16T	-.29UDC	-.47FLC	95%R	8/2025

T-SPRUCE LIONEL 13196-ET A2/A2 AB 19K GTPI 91%R
840003205638661 99%RHA-I TR TP TC TL TD +2994 G
3-05 83 V++++ DOM 04/10/2019

PTA	+459M	+63F	+29P	92%R	8/2025
PTA	+449NM	+.16%F	+.05%P		
PTA	+1.6PL	2.97SCS	+.2DPR	2.2%DCE	
PTA	+.41T	+.50UDC	-.64FLC	90%R	8/2025

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	3-00	3	305	27830	102	4.2	1160	3.3	925 88
			308	28060	102	4.2	1170	3.3	933 88

T-SPRUCE G FROST BITE-ET A2/A2 AB P9 60K GTPI 98%R
840003220234128 99%RHA-I TR TP TE TC TY +2899 G
09/15/2020

PTA	+449M	+42F	+24P	99%R	8/2025
PTA	+580NM	+.09%F	+.03%P	100%US	
PTA	+3.8PL	2.99SCS	+1.5DPR	1.6%DCE	
PTA	-.66T	-.17UDC	-.88FLC	97%R	8/2025
PTA	+156FE	+2.8FI	1.0%SCE		

T-SPRUCE TAOS 15384-ET A1/A2 AB 36K GTPI 83%R
840003219884957 99%RHA-I TR TP TC TY TL +3208 G
11/01/2020

PTA	+2119M	+69F	+59P	84%R	8/2025
PTA	+618NM	-.07%F	-.04%P		
PTA	+3.0PL	2.98SCS	-.5DPR	1.8%DCE	
PTA	+1.29T	+.53UDC	+1.00FLC	83%R	8/2025
PTA	+196FE	+0.4FI	1.6%SCE		

LEANINGHOUSE TAOS-ET A1/A2 BB 75K GTPI 99%R
840003151003682 99%RHA-I TR TP TE TC TY +3176 G
GM 8/25 01/29/2019

PTA	+1364M	+51F	+57P	99%R	8/2025
PTA	+495NM	-.02%F	+.04%P	39%US	
PTA	+3.9PL	2.87SCS	+1.8DPR	1.4%DCE	
PTA	+1.10T	+.35UDC	+1.24FLC	98%R	8/2025

MERCEDES LIONEL LASS-ET 19K GTPI 90%R
840003205638743 99%RHA-I +2993 G
04/29/2019

PTA	+1089M	+83F	+36P	92%R	8/2025
PTA	+539NM	+.14%F	+.00%P		
PTA	+.0PL	3.07SCS	-3.5DPR	2.2%DCE	
PTA	+1.01T	+.64UDC	+.56FLC	90%R	8/2025

Protein reported is true protein.

006496186

3516637

8/18/2025