



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)

A2/A2 AB P8 32K GTPI 82%R
T-SPRUCE BEETHOVEN 2633-ET +3050 G
840003247982075 99%RHA-I TR TP TE TC TV

PTA	+1246M	+64F	+43P	83%R	8/2025
PTA	+575NM	+.05%F	+.01%P	100%US	
PTA	+3.0PL	2.80SCS	-1.8DPR	2.0%DCE	
PTA	+.32T	+.67UDC	-.34FLC	82%R	8/2025
PTA	+176FE	-0.3FI	1.6%SCE		

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

745H010161 BEET
08/05/2022 MALE

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

A2/A2 AB 19K GTPI 90%R
MS T-SPRUCE LEGACY 13312-ET +2887 G
840003205638777 99%RHA-I TR TP TC TL TD
3-04 82 ++VF+ 05/07/2019

PTA	+120M	+50F	+16P	91%R	8/2025
PTA	+550NM	+.17%F	+.05%P		
PTA	+3.8PL	2.69SCS	-1.0DPR	1.3%DCE	
PTA	-.05T	+.09UDC	-.80FLC	89%R	8/2025

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	2-09	3	305	34740	102	4.3	1484	3.3	1147 90
			365	39790	102	4.4	1743	3.4	1346 90
***	4-06	3	305	25230	102	4.4	1122	3.2	817 88
			365	27320	102	4.5	1242	3.3	903 88

BB P9 60K GTPI 98%R
T-SPRUCE S-S-I BEETHOVEN-ET +3138 G
840003223871576 99%RHA-I TR TP TM TE TC
GM 4/25 11/27/2020

PTA	+1095M	+85F	+55P	99%R	8/2025
PTA	+674NM	+.14%F	+.07%P	100%US	
PTA	+3.3PL	2.72SCS	-2.4DPR	1.7%DCE	
PTA	+.51T	+.17UDC	-.09FLC	98%R	8/2025
PTA	+220FE	-2.2FI	1.9%SCE		

A2/A2 AB 19K GTPI 91%R
T-SPRUCE LIONEL 13196-ET +2994 G
840003205638661 99%RHA-I TR TP TC TL TD
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
PTA	+148FE	+2.1FI	1.5%SCE		

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

A2/A2 AA 75K GTPI 99%R
MR T-SPRUCE FRAZZ LIONEL-ET +3176 G
840003142490309 98%RHA-I TR TP TE TC TY
GM 8/25 05/22/2017

PTA	+2609M	+111F	+67P	99%R	8/2025
PTA	+813NM	+.01%F	-.06%P	92%US	
PTA	+.6PL	2.94SCS	-4.2DPR	2.4%DCE	
PTA	+.07T	-.08UDC	-1.16FLC	99%R	8/2025

BB 19K GTPI 88%R
T-SPRUCE SAMURI 6347-ET +2680 G
840003143484715 99%RHA-I TR TC TL TD
09/15/2017

PTA	-395M	+24F	+4P	89%R	8/2025
PTA	+189NM	+.16%F	+.07%P		
PTA	+.3PL	3.24SCS	+1.4DPR	1.6%DCE	
PTA	+.45T	+.43UDC	-.01FLC	88%R	8/2025

Protein reported is true protein.

006496186

3516638

8/18/2025