

BROWNBSCBASWISS

PEDIGREE

Name and Number: KRUSES JOEY SUGAR

000000068137482

Date of Birth: 12/20/2011 Sex: Female
Genetic Conditions: PT DT MT WT BH2T

Tattoo: 893



Breeder:
KRUSE, MR & MRS LARRY & FAMILY

Current Owner:
HAMMERAND, JIM & JOHNATHAN
HEINSOHN
EPWORTH IA

AGE FS SS DQ RP MO MS
 06/07 2E-E91 E93 E93 V87 E90 E90 (08/18)
 ST SR DF RA TW RR RS FA UA UH UW UC UD TP TL
 9 9 8 4 6 6 6 6 5 7 8 5 5 6 5
 PPR: -41 69%R PTAT: +0.5 77%R
 PTA: -221m -7f -10p -119NMS\$ 7%\$ (GEN)
 DEV: +839m +62f +8p (12/19)
 02/02 305d 2X 17337 4.2 736 3.2 548 DHIR
 02/02 357d 2X 19425 4.3 828 3.2 621 DHIR
 03/04 305d 2X 20037 4.6 917 3.3 669 DHIR
 03/04 365d 2X 22194 4.5 1008 3.4 751 DHIR
 04/08 305d 2X 23602 4.4 1032 3.3 780 DHIR
 04/08 365d 2X 27570 4.4 1202 3.3 914 DHIR
 06/04 194d 2X 17180 4.1 706 2.8 486 DHIA
 * WINTER HFR CALF HM ALL AMERICAN 2012
 * WINTER YRLG HFR NOM ALL AMERICAN 2013
 * 6th WINTER YRLG HFR INTERNATIONAL 2013
 * 3rd WINTER HFR CALF INTERNATIONAL 2012
 * JR CHAMPION IA STATE FAIR 2012
 * 1st WINTER YRLG HFR IA STATE FAIR 2013
 * 1st WINTER HFR CALF IA STATE FAIR 2012

R KRUSES DENMARK JOEY *TM 000000000198402
 KRUSE, RICK 12/05/2005
 Genetic Conditions: *TM PT DT WT BH2T
 Not Classified
 PPR: -43 84%R PTAT: +0.1 87%R (12/19)
 PTA: -167m +2f -12p -129NMS\$ 90%R (GEN)
 PTA PL: -2.4 SCS: +2.87 DPR: -1.2 SCE:
 PTA LIV: -1.3
 68 dau. av. 22301 4.2 927 3.3 726
 44 class. dau. av. FS:85.6 UDC:0.27 FLC:-0.75

KRUSES LAZER SHATZI 000000068105112
 KRUSE, MR & MRS LARRY & FAMILY 07/05/2008
 Genetic Conditions:
 AGE FS SS DQ RP MO MS
 05/01 E90 E90 E91 E90 V87 E90 (08/13)
 ST SR DF RA TW RR RS FA UA UH UW UC UD TP TL
 6 5 8 3 6 8 4 7 6 7 5 6 6 6 3
 PPR: -118 46%R PTAT: -0.3 52%R
 PTA: -645m -42f -27p -269NMS\$ 0%\$
 DEV: -2273m -141f -86p (12/19)
 02/03 305d 2X 16150 3.5 563 3.3 527 DHIR
 02/03 331d 2X 17180 3.5 600 3.3 562 DHIR
 03/05 305d 2X 15490 3.5 546 3.4 519 DHIR
 04/09 289d 2X 14250 3.4 486 3.2 457 DHIR
 05/09 162d 2X 9360 3.6 339 3.0 278 DHIR

R HART TC DENMARK ET 000000000189181
 R-HART FARM 09/05/1992
 Genetic Conditions: PT DT MT WT BH2T
 E90
 PPR: -20 99%R PTAT: -0.2 99%R (12/19)
 PTA: -226m -9f -3p -47NMS\$ 99%R (MACE)
 PTA PL: -0.9 SCS: +2.68 DPR: +0.7 SCE: +3.5
 PTA LIV: -0.7
 17603 dau. av. 22013 4.0 881 3.3 729
 9814 class. dau. av. FS:84.3 UDC:0.06 FLC:0.23

KRUSES PRELUDE JOLYN 000000000885467
 KRUSE, RICK 03/27/1999
 Genetic Conditions:
 06/10 2E-E93 E93 E94 E94 V88 E93 (02/06)
 ST SR BD DF RA TW RS FA UA UH UW UC UD TP TL
 9 8 9 8 5 8 6 7 8 7 9 3 4 8 6
 PPR: -52 60%R PTAT: +0.4 66%R
 PTA: -347m -5f -15p -166NMS\$ 3%\$
 DEV: -575m +9f -23p (12/19)
 02/02 354d 2X 17090 4.4 750 3.4 573 DHIR
 03/03 365d 2X 17820 4.6 813 3.7 652 DHIR
 04/07 306d 2X 20150 4.5 904 3.6 717 DHIA
 05/06 336d 2X 23030 4.7 1073 3.5 814 DHIR
 06/08 365d 2X 27600 5.3 1458 3.3 921 DHIR
 Lifetime: 1858d 111630m 5299f 3927p
 * JR 3 YR OLD HM ALL AMERICAN 2002
 * SPRING YRLG HFR NOM ALL AMERICAN 2000
 * 3rd JR 3 YR OLD CENTRAL NATIONAL 2002
 * 4th SPRING YRLG HFR CENTRAL NATIONAL 2000
 * 1st SPRING YRLG HFR IA STATE FAIR 2000

ANFIELD KRUSES JUP LAZER ET 000000000197439
 MARKUS MUELLER 05/18/2004
 Genetic Conditions: PT DT MT WT BH2T
 Not Classified
 PPR: -64 86%R PTAT: -0.3 90%R (12/19)
 PTA: -173m -37f -11p -194NMS\$ 91%R (GEN)
 PTA PL: -0.1 SCS: +3.06 DPR: -0.2 SCE:
 PTA LIV: +1.2
 75 dau. av. 22181 3.8 843 3.3 725
 59 class. dau. av. FS:84.1 UDC:0.33 FLC:-0.95

KRUSES JAMES SISSY 000000000930028
 KRUSE, MR & MRS LARRY & FAMILY 03/12/2004
 Genetic Conditions:
 04/11 E91 E91 E91 E92 V88 E92 (02/09)
 ST SR DF RA TW RR RS FA UA UH UW UC UD TP TL
 7 7 7 5 6 4 4 8 8 7 8 2 6 5 5
 PPR: -65 49%R PTAT: +0.2 46%R
 PTA: -886m -22f -27p -97NMS\$ 10%\$
 DEV: -1583m -43f -56p (12/19)
 02/05 285d 2X 13130 4.4 577 3.3 431 DHIR
 03/04 281d 2X 15880 4.1 649 3.3 528 DHIR
 04/03 305d 2X 21780 4.1 888 3.3 712 DHIR
 04/03 365d 2X 24410 4.1 999 3.3 815 DHIR
 05/08 305d 2X 20580 4.3 889 3.1 639 DHIR
 05/08 318d 2X 21050 4.3 912 3.1 657 DHIR

PEDIGREE INFORMATION

Official Brown Swiss Three-Generation Performance Pedigrees are computer generated from information permanently stored on BSCBA files. Information contained in a pedigree includes:

ANIMAL IDENTIFICATION

1. Registration name and number of the animal, its parents, and grandparents (underlined areas).
2. For the animal itself, date of birth, sex, and tattoo, Breeder and Current Owner.

MALES - PERFORMANCE INFORMATION

1. Name & Registration Number followed by Breeder and Birthdate.
2. Abnormality test indicators and Haplotype test indicators.
3. Current classification rating for Final Score and Sire recognition of 'Superior' or 'Qualified' if eligible.
4. Progressive Performance Ranking (PPR) value and its associated reliability (%R).
5. Predicted Transmitting Ability for Type (PTAT) for Final Score and its reliability (%R).
6. Date of all listed genetic evaluations.
7. Predicted Transmitting Ability (PTA) for production traits of milk, fat, and protein yields, Lifetime Net Merit dollars (NMS) and its reliability (%R). MACE indicates Interbull evaluation, GEN indicates Genomic evaluation, otherwise USDA evaluation only.
8. Predicted Transmitting Ability (PTA) for Productive Life (PL), Somatic Cell Score (SCS), Daughter Pregnancy Rate (DPR), Sire Calving Ease (SCE) and Livability(LIV).
9. Number of daughters included in the production evaluation and their 305d, 2x, ME average for milk, %fat, fat, % protein, and protein.
10. Number of classified daughters including their average Final Score (FS), Udder Composite (UDC) rating, and Foot & Leg Composite (FLC).
11. Show Awards

FEMALE - PERFORMANCE INFORMATION

1. Name & Registration Number followed by Breeder and Birthdate.
2. Abnormality test indicators and Haplotype test indicators.
3. Age at most recent classification and the Final Score including any multiple E designation, plus the scores of the five breakdown traits of Substance and Strength(SS), Dairy Quality(DQ), Rump(RP), Mobility(MO) and Mammary System(MS) for cows scored after 6-1-2007 or for cows scored prior to 6-1-2007 the five breakdown traits of Frame(FM), Dairy Character(DC), Body Capacity(BC), Feet & Legs(FL), and Mammary System(MS), followed by the date of classification (month, year). The numeric score associated with each breakdown is that of the most recent classification.

E	=	Excellent (90-95 points)	G	=	Good (75-79 points)
V	=	Very Good (85-89 points)	F	=	Fair (65-74 points)
+	=	Good Plus (80-84 points)	P	=	Poor (below 65 points)

4. Cow recognition of 'Elite' or 'Certified' if eligible.
5. Linear descriptive type appraisal scores on 15 traits based on a scoring system of 1 to 50 prior to 5/15/03 and a 1 to 9 scale thereafter.

ST - Stature	RR - Rear Legs (rear view)	UW - Udder Width
SR - Strength	RS - Rear Legs (side view)	UC - Udder Cleft
DF - Dairy Form	FA - Foot Angle	UD - Udder Depth
RA - Rump Angle	UA - Fore Udder Attachment	TP - Teat Placement
TW - Thurl Width	UH - Udder Height	TL - Teat Length

6. Progressive Performance Ranking (PPR) and Predicted Transmitting Ability for Type (PTAT).
7. Recognition of 'Superior Brood Cow' if applicable.
8. Predicted Transmitting Ability (PTA) for production traits of milk, fat, and protein yields, Lifetime Net Merit dollars (NMS), and percentile rank based on Lifetime Net Merit (%NM) labeled (%\$). GEN indicates Genomic evaluation, otherwise USDA evaluation.
9. Management group deviations for milk, fat, and protein yields and date of genetic evaluation run.
10. Recognition of Protein Plus if eligible.
11. Official production records.

a. Age at calving in years and months.	f. Fat in pounds.
b. Number of days milked (d).	g. Percent protein.*
c. Times milked per day (2x or 3x).	g. Protein in pounds.*
d. Milk in pounds.	h. Type of record (DHIR or DHIA).
e. Percent fat.	* (True Protein as of 5/1/2000)

12. Lifetime totals for number of days, pounds of milk, pounds of fat, and pounds of protein if over 100,000 pounds milk, 4,000 pounds fat, or 3,500 pounds protein.
13. Show and Production Awards

GENETIC CONDITIONS

SUFFIXES to Name:

(W); (A); (M); (D) - Known Carrier for Weaver, Spiderleg, SMA, or SDM determined by identification of affected offspring or gene test.
(CW); (CA); (CM); (CD) - Confirmed affected animal for Weaver, Spiderleg, SMA, or SDM.
(W*); (A*); (M*); (D*) - Tested Carrier at a confidence level of 90% or above for Weaver, Spiderleg, SMA, or SDM.
*TW; *TA; *TM; *TD - Tested Non-carrier at a confidence level of 90% or above for Weaver, Spiderleg, SMA, or SDM.
NP, P, or PP - Known Naturally Polled (prior), Polled (current), or Homozygous Polled.

TEST INDICATORS:

WT, MT, DT, PT, BH1T, BH2T - Indicates Genomic Tested Non-carrier of Weaver, SMA, SDM or Polled genes, or BH1, BH2 haplotypes.
WC, MC, DC, PC, BH1C, BH2C - Indicates Genomic Tested Carrier of Weaver, SMA, SDM or Polled genes, or BH1, BH2 haplotypes.

NOTE: On some database reports referencing CDCB data, the following haplotype indicators are used:
BHWC or BHWT (Weaver carrier or tested free); BHMC or BHMT (SMA carrier or tested free);
BHDC or BHDT (SDM carrier or tested free); BHPC or BHPT (Polled carrier or tested free)

GENERAL

1. Young animals without performance information show an estimate of genetic merit given as a parent average (PA).
Parent Average = 1/2 (Sire + Dam) for all genetic traits.
2. Date pedigree was printed is listed in lower left-hand corner.
3. Order number is listed in the lower right-hand corner.