

OFFICIAL AJCA PERFORMANCE PEDIGREE

1 FEMALE DHI HERD # 21-10-0357

2 SUNWEST DEVOTION ACADEMY S43768 {6} 3

JE840003011301210 GT8K BBR 100 JH1F JH2F 4

BORN 11/02/2013 CONTROL # 1414

5 AMERICAN ID EARTAG 43768 / 43768 6 GFI 9.2%
TATTOO / S3768
ELECTRONIC ID 840003011301210

7 PPA 901M 138F 46P / YD 719M 122F 42P
8 CDCB GPTA 08/01/2018 2RECS 81%R 98%ILE
217M 46F 15P 429CM\$ 411NM\$ 375FM\$ 358GM\$
4.6PL 1.7LIV 0.4DPR -0.2CCR 1.0HCR 2.80SCS
AJCA 08/01/2018 GPTAT 81%R 1.8 GJUI 23.2 GJPI 76%R 124
ST SR DF RA RW RL FA FU RH RUW UC UD TP TL RTR RTS
1.0 0.0 1.3 L0.5 0.3 S0.2 S0.2 1.5
RH RUW UC UD TP TL RTR RTS
2.3 1.0 0.6 S2.0 C0.7 S0.4 C0.9 B0.3

9 1-08 305 3 17500 5.7 989 3.6 637 101DCR 2203C
2-10 303 3 19509 5.9 1148 3.8 744 100DCR 2575C
3-09 303 3 22009 5.5 1214 3.6 783 100DCR 2707C
10 305 2X ME AVG 3L 23583M 1317F 850P 2939C

1-10 84% 2-06 84% 3-01 90%
ST SR DF RA RW RL FA FU RH RUW UC UD TP TL RTR RTS
37 36 44 24 34 25 29 36 40 42 34 33 35 23 38 29

11 MULTI-ROSE VALENTINO DEVOTION-ET
JE840003004599366 GT50K BBR 100 JH1F JH2F YSP 11JE1119
CDCB GPTA 08/01/2018 833DAUS 77HRDS 5%RIP
99%R 570M 0.04% 35F 49%ILE
99%R -0.04% 12P 312CM\$ 318NM\$ 333FM\$ 244GM\$
4.0PL 1.7LIV -0.7DPR -2.1CCR -0.5HCR 2.90SCS
AJCA 08/01/2018 460DAUS
GPTAT 98%R 1.6 GJUI 20.6 GJPI 96%R 89

12 SUNWEST ACADEMY MAGNITUDE P33827 {5}
JE840003008238457 TAG: 33827
DHI HERD # 93-24-1052 CONTROL # 33827
PPA 2423M 59F 53P / YD 1794M 60F 46P
CDCB PTA 08/01/2018 5RECS 67%R 88%ILE
713M 29F 19P 305CM\$ 304NM\$ 306FM\$ 284GM\$
2.9PL 1.6LIV 1.0DPR 1.2CCR 0.4HCR 2.79SCS
AJCA 08/01/2018 PTAT 57%R 1.0 JUI 11.9 JPI 56%R 91

1-09 274 2 15210 4.0 616 3.2 492 96DCR 1664C
2-08 263 2 17760 4.2 752 3.4 598 97DCR 2030C
3-07 263 2 21260 4.1 882 3.3 701 97DCR 2379C
4-06 263 2 18580 4.8 884 3.7 688 96DCR 2368C
5-05 305 2 23920 4.3 1022 3.6 853 98DCR 2818C
6-05 305 2 20290 4.5 920 3.6 728 98DCR 2481C
13 305 2X ME AVG 6L 23687M 1010F 807P 2729C

2-01 79% 3-01 84% 6-08 88%
ST SR DF RA RW RL FA FU RH RUW UC UD TP TL RTR RTS
39 35 37 17 48 34 18 48 36 37 29 14 35 26 34 32

14 ISSUE DATE 08/10/2018

OWNER: 369934
CHITTENDEN, EMILY JANE
84 RUNNING CREEK RD
SCHODACK LANDING, NY 12156

BREEDER: 366111
SUNWEST JERSEY DAIRY
21569 BLOSS AVE
HILMAR, CA 95324-9707

15
16
17
LAST 1 OF 1 PROGENY FOR JE840003011301210
JE840003131737156 F 07/16/2015 6014 / 6014 JPI 122

18 ALL LYNNS LOUIE VALENTINO-ET
USA 116279413 GT50K BBR 100 JH1C JH2F YSP 7JE1038
CDCB GPTA 08/01/2018 15613DAUS 1801HRDS 12%RIP
99%R 805M -0.08% 22F 41%ILE
99%R -0.02% 25P 290CM\$ 288NM\$ 285FM\$ 170GM\$
4.0PL 3.1LIV -2.5DPR -3.2CCR 0.5HCR 2.99SCS
AJCA 08/01/2018 7330DAUS
GPTAT 99%R 1.9 GJUI 18.0 GJPI 99%R 79

CAL-MART JACE DIVEENA 9065 82%
USA 115024328 GT3K BBR 100 / J065
PPA 2606M 178F 89P / YD 2721M 177F 93P
CDCB GPTA 08/01/2018 1RECS 87%R 46%ILE
268M 30F 14P 158CM\$ 146NM\$ 122FM\$ 110GM\$
0.0PL -1.9LIV -1.0DPR -1.6CCR -0.6HCR 2.88SCS
AJCA 08/01/2018 GPTAT 82%R 0.3 GJUI -0.6 GJPI 81%R 47
1-10 305 3 21990 5.0 1110 3.4 747 104DCR 2581C
305 2X ME AVG 1L 25754M 1324F 899P 3107C

19 BW ACADEMY-ET
USA 116022712 GTHD BBR 100 JH1F JH2F YSP 11JE1000
CDCB GPTA 08/01/2018 4654DAUS 367HRDS 4%RIP
99%R 746M -0.13% 9F 26%ILE
99%R -0.09% 8P 196CM\$ 218NM\$ 267FM\$ 220GM\$
3.8PL 3.8LIV 2.3DPR 1.3CCR 0.9HCR 2.94SCS
AJCA 08/01/2018 2964DAUS
GPTAT 99%R 1.0 GJUI 21.7 GJPI 99%R 65

20 SUNWEST MAGNITUDE PASSION H8928 {4}
JE840003001485191 TAG: 8928
DHI HERD # 93-24-1052 CONTROL # 8928
PPA 699M 139F 31P / YD 1124M 144F 42P
CDCB PTA 08/01/2018 2RECS 60%R 37%ILE
126M 36F 8P 125CM\$ 116NM\$ 98FM\$ 77GM\$
-1.3PL -0.8LIV -1.7DPR -0.4CCR -0.1HCR 2.90SCS
AJCA 08/01/2018 PTAT 50%R -0.5 JUI -10.2 JPI 51%R 25
1-10 305 2 15600 5.3 824 3.6 561 97DCR 1939C
3-03 47 2 3260 5.6 181 3.8 123 48DCR 425C
305 2X ME AVG 2L 17905M 955F 663P 2292C

21
2-00 82%
ST SR DF RA RW RL FA FU RH RUW UC UD TP TL RTR RTS
34 28 34 30 24 22 21 34 30 32 34 28 28 27

Information Presented on AJCA Performance Pedigrees

1. Animal sex. Twins are labeled. DHI herd number (*cows only*).
2. AJCA registration name and registration number. Prefix and suffixes designate registry status if other than Herd Register (*seven or more generations of AJCA-recorded ancestry with no ancestor of another breed*).

The Generation Count suffix indicates that the animal's pedigree includes either (a) an unknown animal or (b) an animal of another breed. The number between braces { } indicates generations of AJCA-recorded ancestry from 1 to 6. Females are recorded at all levels. Effective March 14, 2015, the lowest Generation Count for males is {3}.

The prefix JX indicates that the animal has one or more ancestors of another breed within six (6) generations.

The prefix UR is assigned when an animal has permanent identification but does not meet AJCA pedigree requirements.

Other suffixes used are P (polled); PP (tested homozygous polled); ET (embryo transfer); ETS (split embryo); ETN (nuclear transfer, cloning); LL (carrier of genetic abnormality Limber Legs); RVC (carrier of genetic abnormality Rectovaginal Constriction); PTL (progeny tested for LL); and PTR (progeny tested for RVC).
3. GT indicates that an animal has been genotyped. Density of the test chip is indicated (e.g., GT29K from 29K chip). GI indicates that the genotype was imputed from progeny; and GA, that genomic data comes from genotyped ancestors.

Breed Base Representation (BBR) is the genomic estimate of the animal's relationship to the Jersey breed reference group. BBR is printed only for genotyped animals. A BBR of 94 or greater is reported as 100. BBRs below 94 are reported as calculated.

Official status for Jersey Haplotypes 1 and 2 based on a genotype of 6K or higher density is listed: F designating status Free, C designating status Carrier.

Males only: If assigned, the NAAB code is printed.
4. The date of birth (month, day, year) and, for cows, the DHI processing center control number (CONTROL #).
5. Permanent identification of the animal, labeled by form: tattoo (right ear / left ear), American ID eartag and/or electronic ID.
6. For heifers, the percentile (P-level) of the Parent Average (PA) or genomic PTA for Jersey Performance Index™ (JPI) is printed. P-level indicates how this individual ranks compared to other heifers born in the same year. When PA JPI is not available, the P-level is based upon PA protein.

Expected Future Inbreeding (EFI), or if animal is genotyped, Genomic Estimate of Future Inbreeding (GFI). EFI estimates future progeny inbreeding, assuming the animal is mated randomly to the current population. GFI is based on the animal's DNA test of actual homozygosity and percentages of genes in common with the genotyped Jersey population.
7. *Cows only:* Predicted Producing Ability (PPA) and Yield Deviation (YD) for milk, fat and protein. PPA predicts future production. Because PPA is determined relative to a constant genetic base, it is the most effective tool to identify cows that will be profitable milk producers across herds. YD is the weighted average of lactation yield minus selected management and environmental factors, expressed relative to the breed base.
8. CDCB Predicted Transmitting Ability (traditional or genomic) for milk, fat and protein, Net Merit indexes (Cheese Merit dollars, CM\$; Net Merit dollars, NM\$; Fluid Merit dollars, FM\$; Grazing Merit dollars, GM\$), plus Productive Life (PL) and Livability (LIV), fertility traits (Daughter Pregnancy Rate, DPR; Cow Conception Rate, CCR; Heifer Conception Rate, HCR), and Somatic Cell Score (SCS).

The evaluation issue date and number of records (females) or daughters (bulls) are given, with the Reliability (%R) of the evaluation. Percentile (%ILE) indicates the animal's ranking relative to all others of its sex. PTAs can be compared to indicate which animal will, on the average, transmit higher production to offspring. The difference in PTAs between any two bulls is the amount their future daughters will differ in performance when matings are to dams of equal genetic merit.

AJCA Predicted Transmitting Ability for Type (PTAT/GPTAT), Jersey Udder Index (JUI/GJUI) and Jersey Performance Index™ (JPI/GJPI) with the date of the evaluation.

Jersey Performance Index₂₀₁₇™ ranks animals by combined genetic merit for 12 traits (*with weights*): 30% Protein : 15% Fat : 8% CFP Milk : 12.8% Jersey Udder Index™ : 7% Body Weight Composite : 7% DPR : 6% SCS : 6% PL : 4% LIV : 2% CCR : 2% HCR : 0.2% Mobility.

PTAT/GPTAT is the genetic evaluation for final score–type. PTAs/GPTAs for type appraisal breakdown traits are printed.

For young animals without their own performance information or that have not been genomically tested, Parent Average (PA) is calculated for milk, fat, protein, Net Merit indexes, type, and JPI. PA is the sum of 1/2 the sire's PTA and 1/2 the dam's PTA. PA estimates are also printed for appraisal breakdown traits. Reliability (%R) for these estimates is also printed.
9. Lactation records. Up to 16 records are printed, listing information in this order: age at calving, days milked, times milked per day, actual pounds milk, percent fat, actual pounds fat, percent protein, actual pounds protein, and data collection rating (DCR). If a verification test was conducted during the lactation, a V is printed. The 305-day, 2x, mature equivalent lactation average for records at least 180 days in length is also printed.
10. Type evaluations, the cow's age and final score. Final scores are: Excellent (90 and above); Very Good (80-89 inclusive); Desirable (70-79); Acceptable (60-69); and Poor (50-59). Scores for breakdown traits from the most recent appraisal are listed: ST, stature; SR, strength; DF, dairy form; RA, rump angle; RW, rump width; RL, rear leg set; FA, foot angle; FU, fore udder; RH, rear udder height; RUW, rear udder width; UC, udder cleft; UD, udder depth; TP, teat placement; TL, teat length; RTR, Rear Teat Placement-Rear View; RTS, Rear Teat Placement-Side View.
11. The sire of the animal, his registration number, and when applicable, genotype, JH1 and JH2 status, sire program and NAAB code. The CDCB genetic evaluations for milk, fat, protein, CM\$, NM\$, FM\$, and GM\$; fitness traits (PL, LIV, DPR, CCR, HCR and SCS); and AJCA genetic evaluations for type are listed, with evaluation date.
12. The dam, her registration number, genotype status and haplotype test status (when applicable), permanent ID, up to 12 lactation records, production summary, and genetic evaluations are given.
13. Age and final score, with type breakdowns for last evaluation.
14. The date that this document was compiled and printed.
15. The Recorded Owner, as indicated on the records of the AJCA.
16. The Breeder of the animal, defined as the Recorded Owner of the dam at conception of animal.
17. *Females only:* Total of registered progeny, followed by registration number, sex, tattoo and genotype status (if applicable), and JPI/GJPI for the eight youngest progeny, listed in reverse birth order.
18. The paternal grandsire (*refer to 11*).
19. The paternal grandam (*refer to 12*), latest final score and up to four lactations. Cows with AJCA registration numbers below 2,300,000 or registered in other countries may not have this information.
20. The maternal grandsire (*refer to 11*).
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