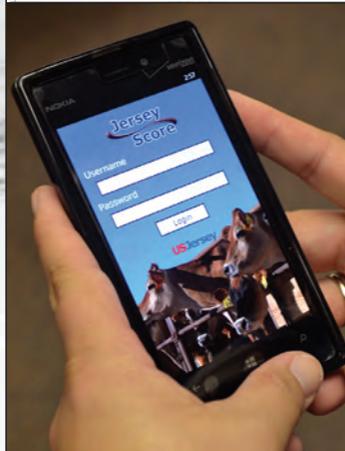
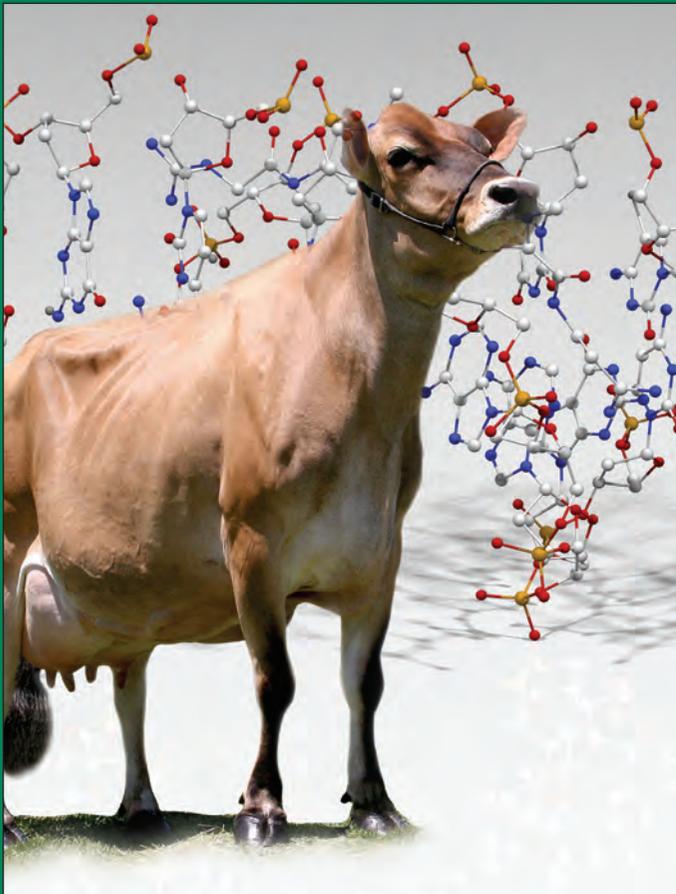


VOLUME 22 NUMBER 1 APRIL 2017
AMERICAN JERSEY CATTLE ASSOCIATION

JERSEY GENETIC SUMMARY



Your Association's Activity In 2016

2016 was a challenging year for dairy producers. The squeeze on profitability was felt everywhere, from your farming business to your association's activity.

But, taking the longer view and many indicators of Jersey's growing stature within a national dairy cow population whose numbers have been relatively level for two-plus decades, 2016 was a successful year for the American Jersey Cattle Association, National All-Jersey Inc. and Jersey Marketing Service.

Animal Identification. AJCA recorded 111,409 animals last year. 2016 was the fifth consecutive year over 100,000 registrations, an unprecedented level of activity and boosting the three-year rolling average to 117,449. The top five states for registrations were California (40,907), Texas (10,278), Wisconsin (8,954), Oregon (8,352), and Ohio (6,300). Pennsylvania, the host state for the 2017 AJCA-NAJ Annual Meetings, ranked sixth (4,490). As evidence of how the AJCA's core business is now structured, 80% of applications were electronically submitted, 87% originated from REAP herds, and 68% of the animals registered were identified by double-matched approved eartags.

JerseyTag sales set a new record, at 431,753 units, a 49% increase in orders over 2015.

Ownership transfers rebounded to 28,536, the second highest total recorded in the most recent decade. The volume-based fee structure for REAP herds implemented in 2014 had clear effect in driving 2016 transfers.

Performance Programs. On December 31, 167,301 cows were enrolled in performance evaluation programs offered by the AJCA, a small drop from the record of 169,913 cows set in 2015. REAP enrollment was 160,558 cows, second-best in program history. The average herd size was 165 cows per herd.

For the fourth time in history, more than 100,000 cows were scored under the linear type traits appraisal program. 2016's tally of 116,925 cows ranks second only to the record of 119,545 set in 2015.

National All-Jersey Inc. Projected figures indicate that Equity revenue will set a new record at \$879,000 invested by 1,042 members.

Jersey Marketing Service. 2016 was the eighth-best year in JMS history, with marketings of \$8,683,368. Prices were dampened by low milk prices; the counterweight was strong demand from herds expanding with or converting to Jerseys. Live animals sold at private treaty averaged \$1,572.48, those crossing the auction block, \$1,745.81.

Production. There's an historic "first" among the records that follow. *For the first time, the official AJCA lactation average for milk crossed the 20,000-pound benchmark.*

The new records are 20,139 lbs. milk, 975 lbs. fat, and 737 lbs. protein and 2,508 lbs. Cheddar cheese yield, 305-2x-m.e. basis. These were calculated from 100,175 completed lactations meeting the new registry level minimum of Generation Count 4 and higher.

Taking average 305-day actual production for 2016—17,659 lbs. milk at 4.9% fat and 3.65% protein—the 1,000-pound Jersey cow produced 21,833 lbs. milk on an energy-corrected basis.

Genetic Progress. Arguably, no measure of what happened last year has greater consequence for breed improvement and expansion than the year-end status of Jersey sire development. As shown in Table 1 (*page 3*), selection pressure continues to intensify for production, fitness and longevity, and functional type, even as the A.I. organizations increase the number of bulls being marketed to supply strong demand for Jersey genetics.

In the larger picture, 2017 should be a better year for milk producers. Class III futures are over \$17.00 per cwt. for the rest of the year. Demand for butter and cheese is encouraging, as is the fact that dairy exports rebounded in November to 15.8% of U.S. milk production.

So we remain optimistic, with good reason. With her concentrated yield of milk's most valuable components—butterfat and protein—the smaller, more efficient Jersey cow is the solution to the challenges of dairy profitability and sustainability, year after year, across pricing cycles, for herds of all sizes.

JERSEY GENETIC SUMMARY

April 2017

Green Book Online at <http://greenbook.usjersey.com>

Volume 22, Number 1

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Updated monthly between official evaluations issued in April, August and December:

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Table 1. Average Predicted Transmitting Ability (PTA) of Jersey Bulls Evaluated April 2017

Category	No. of Bulls	Milk	% Fat	PREDICTED TRANSMITTING ABILITY								
				Fat	% Prot	Protein	SCS	PL	DPR	NM\$	FM\$	CM\$
Active A.I. average	127	432	0.08	36	0.04	23	2.97	3.4	-0.3	313	272	330
Genomic (G-code) average	356	685	0.09	50	0.05	34	2.92	4.4	-0.5	433	379	457
Non-A.I. average	360	-247	0.05	-2	0.02	-5	3.02	0.7	0.2	2	-7	6
Active A.I. difference from non-A.I.		679	0.03	38	0.02	28	-0.05	2.7	-0.5	311	279	324
G-code bull difference from non-A.I.		932	0.04	52	0.03	39	-0.1	3.7	-0.7	431	386	451
First-evaluation A.I. bulls	90	523	0.08	41	0.04	27	2.98	4.0	-0.9	360	318	379
First-evaluation non-A.I.	38	33	0.06	14	0.03	6	2.96	1.7	-0.3	124	103	134
Difference		490	0.02	27	0.01	21	0.02	2.3	-0.6	236	215	245

Table 2. Code A, F, and G Bull Averages, April 2017

Trait	Average	SD
Jersey Performance Index™ (463 bulls)	123	55
JPI™ Reliability	73	9
Herds	116	316
Daughters	940	3,006
Milk	646	670
Fat %	0.08	0.13
Fat	46	24
Protein %	0.04	0.05
Protein	31	20
Cheese Merit Dollars	\$429	190
Net Merit Dollars	\$407	184
Fluid Merit Dollars	\$358	174
Grazing Merit Dollars	\$345	168
Productive Life	4.24	1.98
Livability	0.41	1.69
Somatic Cell Score	2.93	0.11
Final Score (PTA Type)	1.21	0.65
Stature	0.77	0.93
Strength	0.27	0.53
Dairy Form	0.68	0.59
Rump Angle	L0.15	0.73
Rump Width	0.33	0.51
Rear Legs	P0.18	0.50
Foot Angle	S0.50	0.48
Fore Udder	1.34	0.92
Rear Udder Height	1.22	0.75
Rear Udder Width	0.50	0.46
Udder Cleft	0.39	0.45
Udder Depth	S1.41	1.11
Teat Placement	C0.45	0.66
Teat Length	L0.11	0.60
Rear Teat Placement-Rear View	C0.41	0.67
Rear Teat Placement-Side View	C0.07	0.44
Jersey Udder Index™	15.26	9.21
Expected Future Inbreeding (EFI/GFI)	7.30	1.78
Daughter Pregnancy Rate	-0.55	1.61
Cow Conception Rate	0.08	1.71
Heifer Conception Rate	1.12	1.54

Table 3. Heritability Estimates of Selected Traits

Trait	Heritability ¹ (h ²)
Yield traits: milk, fat, protein	0.23
Productive Life	0.08
Livability	0.013
Somatic Cell Score	0.12
Daughter Pregnancy Rate	0.014
Cow Conception Rate	0.016
Heifer Conception Rate	0.01

¹ Proportion of observed differences in a trait between individuals attributed to transmittable genetic factors, rather than environmental factors

Glossary of Terms

Daughter Pregnancy Rate (DPR), Cow Conception Rate (CCR), Heifer Conception Rate (HCR): Genetic evaluations of fertility. DPR is the percentage of non-pregnant cows that become pregnant during each 21-day interval where 1% in PTA DPR equals 4 fewer days open. HCR and CCR is the percentage of inseminated heifers or cows that become pregnant at each service where 1% in PTA means more likely to become pregnant during that estrus cycle compared with an evaluation of 0.

Expected Future Inbreeding (EFI): Estimate of future progeny inbreeding, assuming that an animal is mated randomly.

Genomic “G” Codes: GT, animal has been genotyped using one of a variety of offered chip densities (e.g., GT13K with 13K chip); GI for genotype through imputation from progeny, but not genotyped; and GA, inclusion of information from genotyped ancestors.

Genomic Future Inbreeding (GFI): Estimate of inbreeding in future offspring, based on parent’s actual homozygosity and percentages of genes in common with the genotyped breed population.

Genomic Predicted Transmitting Ability (GPTA): Estimate of genetic merit for indicated trait calculated from (1) information from genotypes or imputed genotypes of ancestors DNA analysis of functional genes inherited by a particular animal; plus (2) individual performance and (3) pedigree information.

Jersey Performance Index™ (JPI): Ranks animals for combined genetic merit for Protein, Fat, CFP Milk, Functional Trait Index (FTI), PL, LIV, SCS and three fertility traits (DPR, CCR, HCR). JPI₂₀₁₇ weights are 30% P : 15% F : 8% CFP M : 20% FTI : 6% PL : 4% LIV : 6% SCS : 7% DPR : 2% CCR : 2% HCR.

Jersey Udder Index™ (JUD): Based on the Functional Trait Index (FTI) weightings for udder traits (refer to formula, page 6).

Net Merit dollars (NM\$, also CM\$, FM\$ and GM\$): Expected lifetime profit as compared with the breed base cows born in 2010, for four production/economic conditions.

Parent Average: Estimate of an individual’s eventual PTA based on the average of the parents’ traditional PTAs.

Percentile: A ranking relative to the population. For example, a bull with a 90 percentile ranking or a heifer that is a P9 is ranked higher than 90 percent of the population.

Predicted Transmitting Ability (PTA): The best predictor of genetic merit; specifically what a bull or cow is expected to transmit for a particular trait to their offspring. See also GPTA (above).

Productive Life (PL): Measures a cow’s ability to avoid either dying on the farm or being culled. **Livability (LIV)** measures a cow’s ability to stay alive while on the farm.

Sire Conception Rate (SCR): Phenotypic predictor of bull fertility, expressed as a relative conception rate, measured for the first seven (7) breedings of the cow (no heifer breedings).

Somatic Cell Score (SCS): Indicator trait for mastitis resistance based on the direct measure of somatic cells in milk samples.

2017 Jersey Performance Index™ (JPI)

Updates to Jersey Performance Index™ authorized by the AJCA Board of Directors were implemented with the April 2017 official CDCB-AJCA genetic evaluations. Three new traits were added—CFP (combined fat-protein) milk, the CDCB Body Weight Composite, and Livability—with weights revised for previously included traits. Because of those adjustments plus new economic weights and standard deviations, there was significant rescaling of JPI™ along with re-ranking of animals.

The traits and weights in JPI₂₀₁₇ are PTA protein, 30%; PTA fat, 15%; CFP milk, 8%; Functional Trait Index (*incorporating Jersey Udder Index™, Body Weight Composite, and mobility*), 20%; Productive Life (PL), 6%; Livability (LIV), 4%; Somatic Cell Score (SCS), 6%; Daughter Pregnancy Rate (DPR), 7%; and Cow Conception Rate (CCR) and Heifer Conception Rate (HCR), 2% each.

Compared to the previous version, implemented in December of 2014, changes were PTA protein, -13%; CFP milk, new; Functional Trait Index, +5%; Productive Life, -4%; and Livability, new. There was no change in the weights for PTA fat, Somatic Cell Score and the three fertility traits (*see also Table 1*).

Overall, 53% of the emphasis in JPI₂₀₁₇ is on production (-5% from the previous version), 27% on fitness (no change), and 20% on functional type (+5%).

New Components

The new components in JPI₂₀₁₇ are CFP Milk, the CDCB Body Weight Composite, and Livability.

CFP Milk (8% of the index) is a breed-specific adjustment to PTA Milk based on the target that every pound

of PTA milk must include 0.088 pounds of combined fat and protein. Production data compiled by the American Jersey Cattle Association and National DHI show that current combined fat and protein content in 100 pounds milk ranges from 8.51 to 8.54 pounds. The target of 8.8 pounds is thus a forward-looking target for improving the content of fat and protein while increasing milk yield.

CFP Milk is based on the idea that it is preferable to have total yield of pounds fat and pounds protein come from more concentrated milk instead of a greater volume of watery milk.

To illustrate the effect of CFP Milk on JPI, consider two bulls that have the same combined pounds of PTA Fat and PTA Protein (160 lbs.), but a large difference in their PTA Milk (1,600 lbs. vs. 2,500 lbs.). Relative to the target of 0.088 pounds CFP to one pound PTA milk, the bull with a

PTA of 1,600M exceeds that concentration and will gain JPI points. The other bull, at PTA 2,500M, transmits more water relative to components and therefore will lose JPI points.

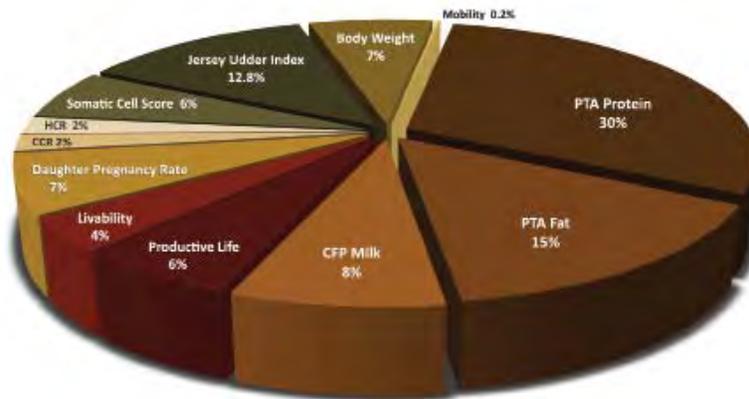
Body Weight Composite (7% of the index) was developed from actual weights and linear type data from Holstein research herds that also have measured feed intake. It is a proxy for feed efficiency. The Council on Dairy Cattle Breeding (CDCB) predicts body weight of all dairy cows as .23 * stature + .72 * strength + .08 * body depth + .17 * rump width - .47 * dairy form. Dairy form is used to account for presence or absence of fat in addition to skeletal size. Jerseys are not scored for body depth, so the .08 for

Calculation of the Jersey Performance Index™

Beginning with April 2017 genetic evaluations, JPI™ is calculated as follows:

$$\begin{aligned} \text{JPI}_{2017} = & (30 \times \text{PTA protein} / \text{SD}) + (15 \times \text{PTA fat} / \text{SD}) + (-8 \text{ CFP milk} / \text{SD PTA milk}) \\ & + (6 \times \text{PTA Productive Life} / \text{SD}) + (4 \times \text{PTA Livability} / \text{SD}) \\ & + [6 \times (3 - \text{PTA Somatic Cell Score}) / \text{SD}] \\ & + (7 \times \text{PTA Daughter Pregnancy Rate} / \text{SD}) + (2 \times \text{PTA Cow Conception Rate} / \text{SD}) \\ & + (2 \times \text{PTA Heifer Conception Rate} / \text{SD}) + \text{Functional Trait Index}_{2017} \end{aligned}$$

where CFP Milk = PTA Milk - ((PTA Fat + PTA Protein) / .088), and Functional Trait Index equals the PTAs of linear type traits weighted by their relative economic contribution to JPI₂₀₁₇ (see Table 2).



feed efficiency. The Council on Dairy Cattle Breeding (CDCB) predicts body weight of all dairy cows as .23 * stature + .72 * strength + .08 * body depth + .17 * rump width - .47 * dairy form. Dairy form is used to account for presence or absence of fat in addition to skeletal size. Jerseys are not scored for body depth, so the .08 for

(continued on next page)

Table 1. History of Traits and Weights (%) Used to Calculate Production Type Index (1998) and Jersey Performance Index™.

Year	Protein	Fat	CFP Milk	FTI	PL	LIV	SCS	FUI	DPR	CCR	HCR
1998	55.5	22.2		16.7			5.6				
2002	50.0	20.0		15.0	5.0		5.0	5.0			
2005	50.0	20.0		15.0	3.75		3.75	3.75	3.75		
2006	40.0	20.0		15.0	12.0		3.0	3.0	7.0		
2010	42.0	15.0		15.0	12.0		6.0		10.0		
2015	43.0	15.0		15.0	10.0		6.0		7.0	2.0	2.0
2017	30.0	15.0	8.0	20.0	6.0	4.0	6.0		7.0	2.0	2.0

body depth was added to the .72 for strength. The penalty of 7% on body size in JPI₂₀₁₇ will select in the direction of moderate, efficient body size.

PTA Livability was introduced by CDCB in August of 2016. It is a measure of death loss and a subset of PTA Productive Life. The impact of PTA Livability is a direct economic loss: Cows that die are an expense compared to those sold for beef. When PTA Productive Life and PTA Livability are added together in the CDCB Net Merit indexes, it is generally a 60:40 ratio. That concept was using in adding PTA Livability to JPITM, assigning a weight of 6% to Productive Life and 4% to Livability, keeping the total weight on longevity in the index at 10%.

For background information on Livability and other CDCB traits, plus Net Merit indexes, refer to the the website at www.uscdcb.com/reference.htm.

Jersey Sustainability

By including CFP Milk and a significant penalty on body size through Body Weight Composition, JPI₂₀₁₇ applies the key principles of Jersey sustainability identified by researchers Jude Capper and Roger Cady (*Journal of Dairy Science*, 2012). The lower total body mass of the Jersey reduces maintenance costs per animal and the great nutrient density of Jersey milk dilutes maintenance resource requirements. Going forward, they concluded that the three primary drivers of U.S. dairy cow sustainability are production, milk nutrient density, and body size. Jerseys need to increase milk yield, maintain—or better improve—component levels, and maintain body size.

Type Within Production

Of the 10 components of JPITM, only one—the AJCA Functional Trait Index—captures the effects of type traits *within* production on lifetime profitability. It assesses how functional type traits are important to the Jersey cow's economic survival. As such, it pinpoints where improvement is needed and needed most, and where opportunities for further gains are possible.

Table 2 shows that what will make the most difference in improving Jersey profitability going forward is increasing selection pressure on udder traits. But as always, some traits are more important than others, a fact captured by Jersey Udder

IndexTM, which is derived from FTI. Udder Depth is the most important, followed by three traits (Fore Udder Attachment, Udder Cleft and Rear Udder Height) that have similar influence on cow survival and lifetime net income. Jersey Udder IndexTM is reported as JPI points; in other words, how many points udder traits add (or subtract) from Jersey Performance IndexTM.

Table 2. Relative weights for specific traits and trait groups in Jersey Performance Index₂₀₁₇.

Trait Group	Relative Weight (%)	Specific Trait (Direction)	Overall Weight (%)
Production	53.0	Protein (+)	30.0
		Fat (+)	15.0
		CFP Milk (-)	8.0
Health	27.0	Productive Life (+)	6.0
		Livability (+)	4.0
		Somatic Cell Score (-)	6.0
		Daughter Pregnancy Rate (+)	7.0
		Cow Conception Rate (+)	2.0
		Heifer Conception Rate (+)	2.0
		Functional Trait Index:	
Udder	12.8	Udder Depth (+)	4.7
		Fore Udder Attachment (+)	2.4
		Udder Cleft (+)	1.9
		Rear Udder Height (+)	1.8
		Teat Placement (+)	0.9
		Teat Length (-)	0.9
		Rear Udder Width (+)	0.1
		Strength (-)	3.4
		Dairy Form (+)	2.0
Body Weight	7.0	Stature (-)	0.9
		Rump Width (-)	0.7
		Rump Angle (+)	0.0
Mobility	0.2	Foot Angle (+)	0.1
		Rear Legs (-)	0.1

Major Categories

The objective of Jersey Performance IndexTM is to increase lifetime net income. Regrouping traits by functional categories reveals a set of five factors that determine whether cows put money into your pocket, and how much. **Production** gets 53% of the emphasis in the new formula. There is 18.8% on **udder health** by combining direct selection for lower Somatic Cell Score (especially important to capture quality premiums) and Jersey Udder IndexTM. **Fertility** at 11% includes Daughter Pregnancy Rate, Cow Conception Rate and Heifer Conception Rate. **Herd life** is weighted at 10.2% through PTAs for Productive Life and Livability plus the mobility traits (foot angle, rear legs) in FTI. Lastly, the new Body Weight Composite, at

7%, selects for **moderate body size**, which is directly related to feed intake directed to body maintenance versus production.

Summary

Jersey Performance IndexTM (JPITM) is a breed-specific selection tool that has been continually reviewed and updated based on sound science and relative to current economic conditions. The 2017 revisions are as bold and forward-

looking as any ever made to Jersey Performance IndexTM, according to Neal Smith, Executive Secretary and CEO of the American Jersey Cattle Association.

“By including CFP Milk and a significant penalty on body size through Body

Weight Composite, JPI₂₀₁₇ applies the key principles of Jersey sustainability identified by Capper and Cady in their research,” Smith said. “Jersey Performance Index₂₀₁₇ is a formula for increasing production and improving milkfat and protein levels in the milk, moderating body weight in service of greater productive efficiency, and at the same time selecting for longer herd life, greater fertility, and better udder health.”

Calculation of the Jersey Udder IndexTM

This index is the sum of PTAs for udder traits multiplied by their percentage contribution to the animal's Jersey Performance Index₂₀₁₇:

$$\begin{aligned}
 JUI_{17} = & [(2.4 \times FU / SD FU) + (1.8 \times RH / SD RH) + (0.1 \times RUW / SD RUW) \\
 & + (4.7 \times UD / SD UD) + (1.9 \times UC / SD UC) \\
 & + (0.9 \times TP / SD TP) + (-0.9 \times TL / SD TL)]
 \end{aligned}$$

Explanation of Headings for Summarized Bulls: Left Page

Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
1. Registered name of bull				pedigree for Jersey Haplotype 2 (JH2) status.					9. Reliability of production summary										
2. Registration number with country code									10-14. PTA values for milk, fat percent, pounds of fat, protein percent, pounds of protein										
3. DNA genotype used in evaluations, listed by chip density; GA, includes genotype information from ancestors, but bull not genotyped			6.	A.I. stud code of bull: stud code, breed code, and stud's number for bull					15. Index for Cheese Merit Dollars										
4. Breed Base Representation			7.	Number of herds with bull's daughters on test, providing milk, fat and production information for the summary					16. Index for Net Merit Dollars										
5. Status for Jersey Haplotype 1 (JH1): C, carrier, or F, tested free. Refer to AJCA			8.	Number of daughters that have production data included in the summary					17. Index for Fluid Merit Dollars										
									18. Index for Grazing Merit Dollars										
									19. PTA Somatic Cell Score										

Explanation of Headings for Summarized Bulls: Right Page

PL	LIV	DPR	CCR	HCR	EF/GFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1. PTA Productive Life									10.	Reliability of PTA type (based on final score)					20. Rear Udder Height (RH)												
2. PTA Livability									11.	PTA for Final Score and Type					21. Rear Udder Width (RUW)												
3. PTA Daughter Pregnancy Rate									12.	Stature (ST)					22. Udder Clef (UC)												
4. PTA Cow Conception Rate									13.	Strength (SR)					23. Udder Depth (UD): D=Deep, S=Shallow												
5. PTA Heifer Conception Rate									14.	Dairy Form (DF)					24. Front Teat Placement (TP): W=Wide, C=Close												
6. Expected or Genomic (if genotyped) Future Inbreeding									15.	Rump Angle (RA): H=High Pins, L=Low Pins					25. Teat Length (TL): L=Long, S=Short												
7. Jersey Performance Index ₂₀₁₇									16.	Rump Width (RW)					26. Rear Teat Placement–Rear View: W=Wide, C=Close												
Predicted Transmitting Ability for Type									17.	Rear Leg Set (RL): P=Posty, S=Sickle					27. Rear Teat Placement–Side View: C=Close, B=Back relative to front teats												
8. Number of herds with daughters contributing information to summary									18.	Foot Angle (FA): L=Low, S=Steep					28. Jersey Udder Index™												
9. Number of daughters in type summary									19.	Fore Udder Attachment (FU)																	

Heifer and Bull Percentile Ranking Levels (P-Level)

The P-level is a useful tool to evaluate genetic merit of young Registered Jerseys™. It is a percentile ranking of the animal's Jersey Production Index™, displayed as P0 through P9. P-level is based upon Parent Average JPI, or genomic JPI when available.

The P-level indicates how one animal ranks compared to all other registered Jerseys of the same sex born in the same year. To interpret, insert the P-level in the blank in the following statement: "This heifer (bull) has a higher PA JPI than ___0 percent

of the registered Jersey heifers (bulls) born in the same year." *Example:* A P8 heifer born in 2015 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2015.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2013 to 2016, with projections for 2017 and 2018.

P-levels are printed on Official Performance Pedigrees for heifers, but not for bulls.

Table 1. Heifer P-Levels for Jersey Performance Index™

Birth Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
2013	30	< -19	-19	6	19	29	37	45	53	61	73
2014	42	< -8	-8	17	30	40	49	57	65	73	85
2015	54	< 6	6	31	44	54	61	69	76	85	96
2016	68	< 18	18	45	58	68	76	83	91	99	111
2017 projected	80	< 30	30	57	70	80	88	95	103	111	122
2018 projected	92	< 42	42	70	82	93	101	108	115	123	134

Table 2. Bull P-Levels for Jersey Performance Index™

Birth Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
2013	47	< -21	-21	18	38	50	61	68	75	85	94
2014	62	< 1	1	36	54	65	74	81	89	99	111
2015	71	< 3	3	42	60	74	82	92	101	110	121
2016	91	< 16	16	61	85	98	107	115	121	129	140
2017 projected	102	< 31	31	76	97	110	117	125	132	140	150
2018 projected	116	< 44	44	90	113	125	132	139	145	153	163

AJCA Pedigree Recording and Registry Status

Effective March 11, 2017

The *Rules for the Registration and Transfer of Jersey Cattle* define the programs and procedures approved by the Board of Directors for recording animals in the permanent database of the American Jersey Cattle Association (AJCA). The following information is required:

- (a) birth date of the animal,
- (b) permanent identification in the form of tattoo in the ear or AJCA-approved double-matching tamper-evident ear tags, and
- (c) parent information (*pedigree*).

The Association records descendants of animals registered in the AJCA Herd Register through rules for the Herd Register and Generation Count system. As required, prefix and suffix designations will be added per AJCA rules. The Association also records registered Jersey cattle imported from countries having recognized herd books.

Herd Register

Animals with Herd Register (HR) status have seven (7) or more unbroken generations of known Jersey ancestors that are recorded by the Association. The Association issues a green-bordered *Certificate of Registration* for these animals.

Generation Count Recording

The Association also records:

- (a) animals that exhibit the characteristics of Jersey cattle but lack complete documentation of parentage, and
- (b) animals that have one known and AJCA-recorded Jersey parent and a parent of another breed.

With the continued use of AJCA Herd Register status bulls, progeny will progress to HR status (*see Tables 1 and 2, reverse*).

1. Females are recorded at all Generation Counts.
2. Generation Count {1} is assigned to the female that has one known parent (either sire or dam) recorded by the AJCA. The other parent may be completely unknown or of another breed. If both parents are unknown, the animal may be qualified for recording by being genotyped (*see notes, Table 1*).
3. Bulls are recorded starting at Generation Count {3} with the stipulations that the bull be genotyped and have a Breed Base Representation (BBR) value of 87 or greater and that its sire and dam are also genotyped (*see notes, Table 2*).
4. The numerical designation of progeny will increase by one (1) from the Generation Count of the sire or dam, whichever is lowest (*refer to tables*).

5. Progeny of Generation Count {6} parents have Herd Register status and do not have a suffix in their registration names.
6. When an unknown animal or animal of another breed is introduced to an animal's pedigree, the Generation Count will be reset to start at {1}.

The Generation Count suffix is an integral part of the animal name. The gold-bordered *Certificate of Identification* is issued to animals recorded at Generation Counts 1, 2 and 3. Generation Count 4, 5 and 6 animals are issued the green-bordered *Certificate of Registration*.

Prefixes and Suffixes Assigned by Rule

All animals having one (or more) ancestor(s) of another breed within six (6) generations shall have the letters "JX" included in their names as a prefix.

The following letters shall be included in animal names as a suffix as applicable: "ET" for animals produced through embryo transfer, "ETS" for animals resulting from split embryos, and "ETN" for animals resulting from nuclear transfer (cloning); "P" for polled animals with one polled parent, "PP" for animals determined to be homozygous polled by testing, consistent with their pedigree; "LL" for declared carrier of Limber Legs, and "RVC" for declared carrier of Rectovaginal Constriction.

Unregistered (UR) Recording

Animals with permanent identification that are not qualified to be recorded in the Herd Register or with a Generation Count are recorded with letters "UR" included in their name as a prefix. The *Certificate of Identification* is issued to the owner.

Eligibility for National Awards, Shows and Sales

Females with Generation Count 4 or greater are eligible for Honor Roll, Hall of Fame, and National Class Leader recognition, the President's Trophy, Hilmar Cheese Award, Living Lifetime Production Contest and National Jersey Youth Production Contest, and included in calculations of AJCA herd lactation and Jersey Performance Index™ averages.

Animals recorded at Generation Count 4 and higher are eligible for

national shows, AJCA-designated regional shows and national sales.

Application of Breed Base Representation

Breed Base Representation (BBR) is a genomic trait that assesses the degree to which alleles in an individual animal's genome are in common with the allele frequency of the breed reference group for Ayrshire, Brown Swiss, Guernsey, Holstein and Jersey. The more an animal's genetic make-up resembles its

Table 1. AJCA Recording System for Females, effective March 12, 2016

Dam Status	Generation Count of Sire						HR
	UR	{2}	{3}	{4}	{5}	{6}	
	Generation Count of Offspring (<i>see Notes</i>)						
UR	UR or {1}*	{1}	{1}	{1}	{1}	{1}	{1}
{1}	{1}	{2}	{2}	{2}	{2}	{2}	{2}
{2}	{1}	{3}	{3}	{3}	{3}	{3}	{3}
{3}	{1}	{3}	{4}	{4}	{4}	{4}	{4}
{4}	{1}	{3}	{4}	{5}	{5}	{5}	{5}
{5}	{1}	{3}	{4}	{5}	{6}	{6}	{6}
{6}	{1}	{3}	{4}	{5}	{6}	HR	HR
HR	{1}	{3}	{4}	{5}	{6}	HR	HR

Female recording starts at Generation Count 1, either (a) by pedigree listing a known and AJCA-recorded Jersey parent; or (b) qualified by genotyping.

* Recorded with prefix UR unless qualified by genotyping to be recorded with GC {1}.

breed reference group, the higher its BBR for the primary breed. Rules and publication policies for BBR are established by the Council on Dairy Cattle Breeding (CDCB).

Reference Group

The 3,253 A.I. bulls in the Jersey reference group (*April 2017*) were determined by CDCB selection criteria:

1. are genotyped, *and*
2. have daughters with milk evaluations, *and*
3. all 30 animals in the 5-generation breed stack are identified with the breed code Jersey; *and*
4. if born 2000 and later, all ancestors in the 5-generation pedigree are known.

Reference groups are updated annually with the April official genetic evaluations.

Reporting of BBR

CDCB policy is to report BBR values of 94 or greater for one breed as 100. BBRs below 94 are reported as calculated.

BBR is calculated and reported only once for all genotyped animals, unless re-genotyped with a higher density chip.

Understanding BBR

Variation in genomic BBR values is explained by these factors.

Within Breed. Animals whose ancestors have been accurately documented purebreds for many generations often obtain a BBR for the primary breed less than 100, simply due to the calculation procedures.

BBRs in the range of 90 to 97 can reveal the presence of outcross bloodlines. When an animal is unrelated to the North American population or has bloodlines not well represented among the bulls included in the breed reference group, its BBR could well be in the mid-90s.

Common Alleles. Precise percentages of breed sources are not possible simply because animals vary. Also, because there are common alleles across breeds, the contribution from the primary breed could be off by 5% or even more from that derived.

Crossbreeding. A BBR lower than 90 usually indicates evidence of crossbreeding. In some cases, determining whether *crossbreeding or outcross bloodlines* is the basis for a lower relationship to the breed reference group can be difficult. Mistakes will be made if conclusions are drawn without considering that BBR numbers for the evaluated breeds could vary by as much as 5% from what is expected, and occasionally even more.

BBR is effective at detecting the presence of genetics from other breeds when such other breeds have provided a significant percentage of the alleles. Still, spread in BBR numbers is to be expected. Analysis of BBRs of animals that have three grandparents of breed X and one grandparent of breed Y (*expected*

breed alleles 75% and 25%) show primary breed BBRs as low as 70 or as high as 80, simply due to limitations of the method. Some animals will deviate even more due to the random nature of which chromosomes are transmitted from grandparents through their sire and dam.

Breeds Referenced. Five dairy cattle breeds have enough A.I. bulls genotyped to form a breed reference group. The BBR for each animal is determined relative only to these five groups, and even if all of an animal's genes do not come from the referenced breeds.

Pedigree Information. Missing or limited pedigree information may make it difficult to determine whether crossbreeding or outcross bloodlines is the reason for a relatively low BBR.

Requirements to Record Bulls Having A Generation Count

Males that will have a Generation Count suffix in their names must meet additional criteria in order to be recorded with the

American Jersey Cattle Association. These criteria are: (1) a minimum of Generation Count 3; (2) the bull, its sire and its dam must be genotyped; and (3) the bull must have a BBR equal to or greater than 87 (*AJCA Board action, March 11, 2017*).

Males that can be recorded with Herd Register (HR) status do not have to be genotyped in order to be registered.

Publication of BBR

The AJCA publishes genomic BBR on pedigree, performance and genetic evaluation reports, and JMS sale catalog pedigrees.

The combination of AJCA registry status and

BBR criteria are used to publish primary reports in the *Jersey Genetic Summary* ("Green Book"), as follows:

- *Males:* (a) all Herd Register and also Generation Count 4-6 bulls with BBRs expressed as 100; and (b) all Generation Count 3 bulls and Generation Count 4-6 bulls with BBRs less than 94;
- *Genotyped females:* (a) all Herd Register and also Generation Count 4 and greater with BBRs expressed as 100; and (b) all Generation Count 3 females and Generation Count 4-6 females with BBRs less than 94;
- *Non-genotyped females:* (a) all Herd Register; and (b) Generation Count 3 through 6.

Bulls must have their own genotype and have a BBR to be included in lists of *Active & Foreign Bulls Marketed in the U.S.*

For More Information

contact your AJCA-NAJ Area Representative or call AJCA Herd Services at 614/861-3636 (Monday through Friday, 8:00 a.m. – 4:30 p.m. Eastern), or email records@usjersey.com.

Technical information on Breed Base Representation (BBR) was provided by the Council on Dairy Cattle Breeding.

Table 2. AJCA Recording System for Males, effective March 11, 2017

Dam Status	Generation Count of Sire						HR
	UR	{2}*	{3}	{4}	{5}	{6}	
	Generation Count of Offspring (<i>see Notes</i>)						
UR							
{1}							
{2}		{3}	{3}	{3}	{3}	{3}	{3}
{3}		{3}	{4}	{4}	{4}	{4}	{4}
{4}		{3}	{4}	{5}	{5}	{5}	{5}
{5}		{3}	{4}	{5}	{6}	{6}	{6}
{6}		{3}	{4}	{5}	{6}	HR	HR
HR		{3}	{4}	{5}	{6}	HR	HR

* Bulls recorded by AJCA according to rules prior to March 14, 2015.

REQUIREMENTS: Bulls at Generation Counts 3 through 6 will be recorded with the prefix UR until these requirements are met: (a) genotyping resulting in a Breed Base Representation (BBR) value of 87 or greater; (b) genotyping the sire; and (c) genotyping the dam.

Bulls with Herd Register (HR) status are not required to be genotyped before being recorded.

Stud Code Index

Code	Organization	Mail Address / Email	Phone / Website
1	CRI/Genex	100 MBC Drive, Shawano, WI 54166 Email info@crinet.com	(715) 526-2141 www.genex.crinet.com
7, 9 250, 507	Select Sires, Inc.	11740 U.S. 42 North, Plain City, OH 43064-0143 Email info-line@selectsires.com	(614) 873-4683 www.selectsires.com
11, 28	Alta Genetics Inc.	N8350 High Road, Watertown, WI 53094 Email info@altagenetics.com	(920) 261-5065 www.altagenetics.com
14, 614	Accelerated Genetics	E 10890 Penny Lane, Baraboo, WI 53913 Email info@accelgen.com	(800) 451-9275 www.accelgen.com
29	ABS Global, Inc.	1525 River Rd., DeForest, WI 53532 Email mailbag@absglobal.com	(608) 846-3721 www.absglobal.com
44	Central Valley Dairy Breeders	32077 Road 144, Visalia, CA 93277 Email 44H@msn.com	(559) 798-2290
54	Hawkeye Breeders Service	32642 Old Portland Road, Adel, IA 50003 Email bjensen@hawkeyebreeders.com	(515) 993.4711 www.hawkeyebreeders.com
76	Taurus-ST	P.O. Box 164, Mehoopany, PA 18629 Email taurus-st@sexingtechnologies.com	(570) 833-5123 www.taurus-st.com
80	Cogent Canada Corp.	7970 Perth Road 147, Listowel, ON N4W 3G9 Email: international@cogentuk.com	(519) 291-9916 www.cogentinternational.co.uk
91	Dependa-Bull Genetics	Route 31, Vernon, NY Email dependabull@ymail.com	(315) 829-2250 www.dependabullservice.com
94	St. Jacobs ABC	PO Box 47, Franklin, VT 05457 Email info@stjacobsabc.com	(802) 527-9683 www.stjacobsabc.com
97	CRV/Holland Genetics	2423 American Lane, Madison, WI 53704 Email sales@crv4all.us	(855) 278-2697 www.crv4all.us
100	JLB Enterprises	PO Box 1375, Oakdale, CA 95361	(209) 847-4797 www.jlenterprises.com
147	Androgenics, Inc.	PO Box 183, Oakdale, CA 95361 Email info@androgenicsinc.com	(209) 847-1101 www.androgenicsinc.com
151	ST/Trans-World Genetics	W7652 Hwy 151 South, Fond du Lac, WI 54937	(920) 921-6029
160	Genetics Australia Cooperative Society Limited	PO Box 195, Bacchus Marsh, VIC 3340	1800 039 047 www.genaust.com.au
190	Livestock Improvement Corporation, Ltd.	Private Bag 3016, Hamilton, New Zealand Email minda@lic.co.nz	01164078560700 www.lic.co.nz
200	Semex Alliance	130 Stone Road, Guelph, ON N1G322 Email info@semexusa.com	(800) 303-2855 E www.semexusa.com
202	Mastermind GmbH	Schlettaer Str. 8, Meissen D-01662, Germany Email info@masterrind.com	49 352 147 0418 www.masterrind.com
203, 551	Sexing Technologies/GRI	22575 State Hwy 6 South, Navasota, TX 77868 Email info@sexingtechnologies.com	(936) 870-3960 www.sexingtechnologies.com
224	Cogent Breeding Ltd.	Beachin Stud, Aldford, Chester CH3 6JQ, UK Email info@cogentuk.com	(800) 783-7258 www.cogentuk.com
236	Viking Genetics	Landbovej 4, 6650 Brørup, Denmark Email export@vikinggenetics.com	00457538 4500 www.vikinggenetics.com
505	Brentwood Farms	24540 Clark Ave., Orland, CA 95963 Email bob@brentwoodfarms.com	(530) 865-5612 www.brentwoodfarms.com
506	Global Ag Alliance, Inc.	2216 South K Street, Tulare, CA 93274 nikki@globalagalliance.com	(559) 368-3384 www.globalagalliance.com
535	Faria Brothers Genetics	5537 FM 281, Dumas, TX 79029	(806) 930-1240

For stud codes not listed, consult the NAAB website at www.naab-css.org

Section II

Herd Register or Generation Count 4-6 and BBR 100

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
April 2017**

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
A	SUN VALLEY RENEGADE HERO-ET	USA 117461222	50K	100	F	97JE108	7	141	94	-26	0.13	25	0.07	13	205	181	125	157	2.95
A	GABYS TBONE BRANSON-ET	USA 116697813	50K	100	F	147JE6185	133	386	94	-781	0.31	23	0.12	-5	203	173	102	139	2.96
A	JER-Z-BOYZ FELIZ (6)	USA 117338818	50K	100	F	44JE518	2	54	91	337	0.03	23	-0.01	11	219	215	207	197	2.93
A	ALL LYNNS VALENTINO WRANGLER	USA 117422935	50K	100	C	97JE106	4	62	90	150	-0.04	0	0.03	11	193	181	154	109	2.96
A	ALL LYNNS LOUIE VARICK-ET	USA 116279404	50K	100	F	203JE1081	17	103	94	1255	-0.17	24	-0.06	34	200	212	240	174	3.20
A	HILMAR PAUL BRONCO (5)-ET	USA 118381604	80K	100	F	147JE6219	4	24	86	488	0.04	31	0.04	25	176	162	127	69	3.07
A	AHLEM VALENTINO MAUI 21838	USA 068951472	50K	100	C	203JE1385	31	262	96	348	-0.12	-7	-0.04	5	177	191	221	125	3.13
A	GALAXIES CELEBRITY-ET	USA 113586152	50K	100	C	11JE826	751	8,664	99	26	0.07	15	0.02	5	105	96	74	108	2.89
A	CHILLI ACTION COLTON-ET	USA 066738335	50K	100	F	7JE1088	166	443	97	-984	0.29	9	0.10	-17	126	109	66	126	3.11
A	GABYS ASCOT-ET	USA 117238958	50K	100	F	80JE4019	13	21	86	-27	0.19	37	0.01	2	154	148	135	103	2.96
F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719	8K	100	F	224JE2293	41	79	83	-180	0.10	10	0.04	1	99	88	62	112	2.99
A	STEINHAUERS IATOLA APPLEJACK	USA 115488982	50K	100	F	11JE968	294	2,088	99	-377	0.15	10	0.07	1	47	37	8	120	3.28
F	SAXOWN KAISER CHIEF	GBR 000055717	8K	100	F	224JE2316	12	19	80	239	-0.07	-3	-0.01	5	66	68	76	40	2.97
A	HILMAR MERCHANT MANUEL	USA 117577466	50K	100	F	147JE6210	4	43	89	20	0.13	26	0.01	3	73	67	52	-2	2.91
F	ISAU BROADLIN AUSSIEGOLD-P-ET	AUS A00020434	50K	100	F	160JE3004	62	216	82	-179	0.12	15	0.07	7	57	32	-25	4	2.87
F	ISAU KAARMONA GALEAO	AUS A00017607		100		160JE3001	139	531	64	-227	0.19	26	0.03	-3	56	45	21	8	2.83
F	POTTERS WALLS STARBUCK	GBR 000055607	8K	100	F	224JE2275	64	132	82	-674	0.31	27	0.08	-10	82	67	30	64	3.01
A	SUNBOW NUGGET-ET	USA 113707397	8K	100	C	44JE515	17	103	94	419	-0.06	7	-0.02	11	20	21	24	-30	2.96
F	ISDK VJ MIRO-P	DNK 000303274	GT	100		236JE152	123	289	83	-888	0.35	24	0.12	-9	-7	-33	-97	-88	3.05
F	FOURCROSSES ONTIME STAG	GBR 000055596	8K	100	F	224JE2284	26	58	82	-419	0.04	-13	0.03	-9	-102	-103	-109	-104	3.12
A	SV JADE HIRED GUN-ET	USA 115093063	50K	100	F	94JE3720	650	2,017	99	-1443	0.27	-20	0.12	-30	-88	-105	-148	-42	3.14
A	HOMETOWN ACTION HERO	CAN 010973163	50K	100	F	80JE4014	40	54	88	-584	0.03	-22	0.03	-16	-180	-172	-158	-150	3.34
A	ARETHUSA VERBATIM RESPONSE-ET	USA 116023076	50K	100	F	94JE3704	364	794	98	-1608	0.31	-20	0.10	-39	-182	-195	-230	-166	3.04
A	SUNSET CANYON ANDREAS	USA 117597125	99K	100	F	94JE4036	9	40	89	-1165	0.09	-39	0.05	-32	-221	-223	-231	-186	3.06
A	TOWER VUE PRIME TEQUILA-ET	USA 114816452	HD	100	F	76JE156	982	2,868	99	-1643	0.27	-30	0.11	-39	-425	-430	-447	-479	3.37

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
April 2017**

PL	LIV	DPR	CCR	HCR	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
0.9	-0.5	-0.7	0.2	0.9	6.2	59	6	70	88	0.2	-1.1	-0.4	0.2	H0.2	-0.5	P0.1	S0.5	0.8	0.7	0.2	-0.2	D0.1	C0.7	S1.0	C1.0	C1.2	5.4
2.4	2.0	-0.2	-1.2	2.3	9.6	58	85	263	90	1.4	0.5	0.2	0.7	H0.1	0.3	S0.5	S1.1	1.7	0.5	0.5	0.7	S2.0	C1.9	S0.7	C2.5	B0.4	21.4
3.5	0.3	0.9	0.8	0.2	6.9	54	1	27	85	-0.1	-0.7	0.3	-0.7	H0.2	0.1	P0.4	S0.4	0.8	0.0	-0.5	0.1	0.0	W0.8	L0.9	W0.6	B0.3	0.1
4.7	2.1	-1.1	-1.1	0.4	8.3	51	1	29	84	1.1	1.0	0.2	0.5	L1.2	-0.1	P0.7	L0.1	1.4	0.9	0.3	-0.4	S1.8	C0.7	S0.8	C0.9	C0.5	15.0
1.6	0.0	-1.0	0.6	1.5	9.4	50	9	55	89	-0.3	0.0	-0.3	0.9	L1.4	-0.6	S0.1	L0.4	-1.9	0.4	0.7	0.4	D2.5	W1.5	L0.3	W2.5	C0.9	-16.3
0.7	-2.4	-3.5	-3.1	-0.7	9.5	48	0	0	78	0.8	0.5	-0.6	1.1	L0.7	-0.9	S0.9	L0.1	-0.4	0.7	0.8	0.7	D0.6	C1.2	S0.3	C0.8	B0.1	2.8
6.0	3.5	-0.4	-0.9	-0.3	9.5	46	18	80	89	2.2	0.7	0.5	0.6	L1.0	0.0	P0.7	S1.0	2.7	2.5	0.5	0.4	S3.1	C0.5	L0.1	C0.6	B0.2	30.1
1.9	-5.2	0.7	-0.1	1.1	10.7	44	469	5,075	99	1.3	0.3	-0.1	0.8	L0.3	0.5	P0.1	L0.2	1.1	1.2	0.6	1.5	S0.7	C1.2	0.0	C2.1	0.0	16.8
2.0	3.1	1.3	1.6	2.5	7.4	36	100	169	91	1.4	1.7	-0.2	1.1	H0.2	0.2	S0.4	S0.4	1.8	1.6	0.8	1.3	S2.2	C0.2	L0.6	C1.3	B1.5	23.6
1.3	0.9	-0.7	-0.8	-1.3	6.1	29	9	13	81	0.0	0.3	0.5	-0.2	L0.6	0.5	S0.4	S0.2	0.2	-0.3	-0.1	-0.6	D0.5	C0.3	L0.2	C0.4	C1.7	-4.7
0.9	-1.3	1.1	1.2	0.2	7.7	27	0	0	73	0.9	-0.4	-0.4	0.7	H0.6	0.0	P0.1	L0.1	0.9	1.1	0.6	-0.9	D0.2	0.0	S0.3	W0.4	C0.1	1.6
-0.8	-3.3	2.3	3.0	1.6	8.4	26	198	1,094	99	1.5	1.5	-0.5	1.1	H1.0	0.4	P0.1	S0.3	1.0	1.7	0.8	-0.1	S1.6	C0.7	L0.2	C0.1	C0.1	14.7
0.9	1.1	-0.9	-0.1	-0.5	7.0	20	0	0	72	0.5	0.2	-0.3	0.9	H0.8	0.2	P0.1	S0.5	1.1	0.8	0.7	-0.7	S1.3	C0.1	S0.5	W0.7	B0.2	9.4
0.3	-1.3	-2.5	-2.2	-1.9	7.6	18	2	36	85	0.4	-0.4	0.3	0.5	L0.6	0.1	S0.3	L0.3	0.8	0.1	0.4	-0.1	S0.3	C0.3	S1.2	C0.7	C0.6	5.9
-0.5	0.2	-0.6	-1.3	-0.7	7.4	15	39	103	77	0.4	1.1	2.0	-0.1	L0.9	1.1	P0.1	S0.2	0.1	0.0	0.0	0.6	D0.4	C0.5	L0.5	C0.1	0.0	0.6
-0.7	0.2	-1.4	-1.0	0.3	5.5	15	63	133	47	-0.6	-1.4	0.3	-0.6	H1.3	0.0	S0.5	L0.5	0.0	-0.1	-0.5	0.7	D1.0	W0.6	S0.8	0.0	0.0	-1.6
0.8	0.0	0.6	-0.4	-0.5	4.8	15	0	0	68	-0.1	0.9	0.5	-0.6	H0.2	0.2	P0.2	S0.2	0.2	0.3	-0.4	0.3	S0.8	W0.6	L0.2	W0.3	B0.2	5.0
-0.1	-0.9	-1.7	-2.5	-2.3	9.4	-2	9	67	90	-0.6	-0.8	-0.4	-0.1	0.0	-0.6	S0.1	0.0	-1.2	-0.7	0.0	0.5	D1.7	W0.4	L0.1	W0.3	C0.5	-11.6
-2.5	1.1	-3.3	-0.5	0.9	1.7	-3	77	146	64	-0.2	0.7	0.0	-0.6	H0.3	-0.4	0.0	0.0	0.6	-0.4	-1.5	0.2	S1.6	W0.7	L0.2	W0.4	C0.2	7.2
-0.9	-2.0	-1.1	-0.9	-0.7	5.7	-24	0	0	71	1.0	-1.1	-0.9	0.2	H1.1	-0.4	P0.2	S0.3	1.1	1.3	0.1	-0.3	S1.1	C0.7	S1.0	W0.5	B0.2	12.8
2.1	1.0	2.6	3.6	1.2	4.2	-30	452	1,303	99	0.8	1.1	0.9	-0.3	H2.1	1.4	P0.5	S1.1	1.5	0.1	-0.2	-0.2	S1.8	C1.0	S0.3	C1.1	B0.5	13.5
-0.4	1.5	0.4	0.2	0.9	7.4	-57	36	52	83	0.4	1.7	0.6	0.3	L0.2	0.6	P0.3	S0.1	-0.1	-0.1	0.2	0.4	S0.1	C0.1	L0.3	C0.3	C0.1	1.1
-0.8	0.1	-0.2	1.2	2.5	5.0	-59	276	632	97	0.5	0.5	-0.5	-0.1	H1.4	0.1	P0.8	S1.2	1.4	-0.4	-0.1	-0.8	S1.9	W0.1	S0.3	W0.4	C0.6	8.7
0.0	-0.4	0.6	0.7	0.9	4.5	-64	8	30	83	1.2	1.6	0.3	0.0	H1.9	1.2	P1.5	S1.8	2.3	0.4	0.0	0.1	S2.6	C0.4	L1.2	C0.6	B0.4	18.2
-2.2	-4.5	-4.0	-5.2	-1.8	3.8	-129	704	2,089	99	1.6	3.4	0.9	0.8	H0.4	1.2	P1.0	S0.6	1.7	1.1	0.6	0.8	S3.2	C1.0	L1.6	C1.2	B0.9	23.9

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2017

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	HOMETOWN GAMEPLAN-ET	USA 118406769	80K	100	F	91JE5521			77	-492	0.20	15	0.08	-2	138	119	72	97	3.04
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521			78	-144	0.11	14	0.04	3	137	129	109	107	3.11
G	RIVER VALLEY SPICE SHOWDOWN	840003012423904	80K	100	F	7JE5015			75	-692	0.20	4	0.12	-1	118	90	22	99	3.10
G	CLOONEY CONQUERER-ET	GBR 000055781	8K	100	F	224JE2329			75	-393	0.19	19	0.08	1	96	75	24	57	2.94
G	CHILLI IRWIN CAJUN-ET	USA 071577244	80K	100	F	97JE124			77	-592	0.12	-8	0.08	-6	89	70	25	23	3.02
G	HOMETOWN MERCHANT ANDRETTI-ET	CAN 011295001	50K	100	C	91JE5453			77	513	0.06	38	0.03	25	114	103	76	44	3.12
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520			78	564	0.02	31	-0.02	16	116	121	132	14	3.09
G	HOMETOWN IRRESISTABLE-ET	CAN 011611206	80K	100	F	91JE5520			76	-150	0.04	0	0.01	-4	89	90	92	44	3.07
G	COVINGTON MILAD TRISTRAM-P	USA 118541332	80K	100	F	566JE102			74	-605	0.21	10	0.07	-9	74	58	21	13	2.97
G	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	80K	100	F	147JE6221			75	-778	0.16	-8	0.08	-15	74	60	26	59	2.96
G	RIVER VALLEY RICKI ROCKSTAR	840003126479237	99K	100	F	200JE10009			71	-1010	0.23	-7	0.08	-22	42	28	-6	25	2.98
G	GOLDEN TOPEKA DRAGON-ET	CAN 011664219	80K	100	F	91JE5591			76	-668	0.22	10	0.05	-14	26	21	6	-35	3.15
G	PLEASANT NOOK WR HG VENUE	CAN 011950642	80K	100	F	91JE5604			75	-1569	0.39	-1	0.17	-24	14	-21	-106	42	3.10
G	RIVER VALLEY VENUS V I P-ET	840003126479167	99K	100	F	200JE10003			74	-1179	0.20	-20	0.09	-28	-28	-37	-61	-11	3.10
G	COLTON FLAME FIREMAN	USA 118155636	99K	100	F	94JE4004			75	-1025	0.21	-10	0.10	-20	-28	-42	-78	-51	3.11
G	SUNNYDAWN GLADIATOR	GBR 000055749	8K	100		224JE2323			71	-231	0.01	-11	0.00	-11	-144	-135	-115	-100	3.08
G	PLEASANT NOOK WR TEQUILAS VENOM-ET	CAN 011950641	80K	100	F	91JE5603			74	-2012	0.43	-15	0.19	-34	-195	-228	-312	-210	3.28
G	J-KAY TEQUILA FIZZ	USA 067060052	99K	100	F	7JE1486			75	-1261	0.19	-26	0.07	-34	-247	-249	-257	-286	3.15
G	PAYNESIDE GAME CHANGER	CAN 011830110	99K	100	F	94JE4029			74	-1250	0.16	-30	0.06	-34	-284	-281	-280	-268	3.25
G	SNAFU HOLBRIC BILLINGS	USA 119166365	99K	100	F	94JE3986			75	-1397	0.26	-18	0.12	-26	-313	-327	-367	-346	3.33
G	HOMETOWN INCENTIVE-ET	USA 118407078	80K	100	F	91JE5503			75	-1362	0.17	-34	0.06	-40	-310	-307	-304	-293	3.14

**Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI
April 2017**

PL	LIV	DPR	CCR	HCR	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
1.4	-0.1	-0.6	-0.8	1.5	8.1	39	0	0	76	1.4	0.2	-0.6	0.7	H1.1	0.2	0.0	S0.4	1.5	1.5	0.5	0.1	S1.8	C0.6	L0.1	C0.4	B0.2	17.3
2.5	-0.6	-0.2	0.3	-0.8	8.7	36	0	0	78	1.1	0.1	-0.3	0.9	L0.5	-0.3	S0.2	S0.1	1.0	1.3	0.6	0.2	S0.8	C0.6	S0.6	C1.1	C0.5	12.4
1.7	0.9	1.0	0.2	0.9	6.1	32	0	0	74	1.2	1.0	0.3	1.1	H1.6	0.6	P0.7	S1.2	1.5	0.3	0.8	0.2	S1.3	C0.3	L0.2	C0.3	C0.2	11.8
0.7	-2.7	-0.5	-1.4	-0.7	9.6	28	0	0	75	1.0	-0.3	0.5	0.5	H0.4	0.5	P0.7	S0.6	1.4	0.9	0.4	0.4	S0.9	C1.3	L0.2	C1.8	B0.2	13.3
2.5	1.3	-1.4	-1.2	0.9	9.5	28	0	0	78	1.8	1.0	-0.4	1.4	H0.1	0.0	P0.2	S0.7	2.6	2.0	1.0	0.0	S2.5	C1.7	S1.2	C0.7	B0.1	28.0
-1.6	-3.0	-2.4	-3.4	-2.5	8.6	27	0	0	77	0.4	1.4	0.2	1.1	L1.1	-0.1	P0.4	L0.3	-1.0	0.5	0.9	-0.2	D1.0	W1.0	L0.3	C0.7	C0.7	-8.4
1.2	-1.8	-3.8	-3.5	-1.7	8.8	25	0	0	78	0.6	0.7	-0.1	1.4	L1.0	-0.3	S0.8	L0.8	0.0	1.0	1.1	-0.4	0.0	W0.2	S0.6	C0.2	C0.4	1.9
2.8	1.5	-0.9	-1.8	0.5	8.0	22	0	0	75	1.3	0.6	-0.2	0.1	H0.4	0.1	P0.6	S0.7	2.6	1.4	0.1	-0.7	S2.9	C0.9	S0.1	C0.4	B0.1	22.6
2.0	0.3	-1.2	-1.2	1.1	8.8	18	0	0	76	1.7	0.9	0.9	1.0	H0.8	0.9	0.0	S0.8	1.9	1.2	0.8	0.8	S1.0	C1.7	S0.3	C0.8	B0.4	18.8
3.8	3.1	1.4	0.9	1.6	7.3	14	0	0	75	0.9	0.6	1.0	-0.3	H0.7	0.8	P0.9	S0.8	1.9	0.1	-0.3	0.6	S1.6	C0.7	L0.9	C0.6	C0.1	14.6
4.1	0.5	0.9	1.0	1.6	7.0	10	0	0	72	1.3	2.1	0.5	0.1	H0.7	1.2	P0.5	S0.7	2.3	1.0	0.1	0.5	S3.4	C0.9	L0.3	C0.5	B0.3	27.0
2.2	-3.0	-2.3	-1.9	-0.6	8.1	2	0	0	75	2.1	1.4	-0.1	1.4	L0.6	0.4	P0.7	S1.1	2.7	2.5	1.1	0.6	S3.0	C1.2	L0.1	C0.7	B0.1	31.4
1.0	0.9	2.7	3.0	0.2	5.4	-3	0	0	74	0.8	1.1	0.4	-0.1	H1.4	0.9	P0.5	S1.0	1.5	0.0	-0.1	-0.8	S1.7	C0.9	S0.4	C0.4	B0.2	10.5
1.7	3.6	1.4	1.3	1.1	4.7	-6	0	0	72	1.0	2.0	-0.3	0.2	H0.9	0.6	P0.1	S0.8	2.2	1.3	0.1	1.1	S3.6	W0.1	L0.6	C0.4	B0.7	28.9
1.7	1.8	0.0	-0.1	1.1	6.7	-11	0	0	74	1.3	1.7	1.1	0.7	H0.7	1.2	P0.9	S0.7	2.0	1.3	0.6	0.7	S2.2	C1.4	L0.1	C0.6	B0.5	23.3
-2.0	-0.8	0.2	1.1	0.0	5.8	-43	0	0	71	-0.4	-0.3	-0.5	-0.1	H0.1	-0.1	P0.2	S0.5	-0.5	-1.1	0.0	-0.6	D0.8	C0.4	S0.5	C0.1	C0.7	-8.9
-0.5	-1.2	-0.1	-0.3	-0.7	4.2	-66	0	0	72	1.0	2.5	0.8	-0.4	H0.2	0.8	P1.3	S0.9	1.5	0.6	-0.3	0.1	S2.7	W0.5	L1.2	C0.5	B0.4	15.7
0.7	-1.1	-2.2	-2.0	-0.2	5.0	-78	0	0	73	1.0	1.9	0.7	0.2	H1.1	1.0	P0.5	S0.2	1.6	1.1	0.1	0.9	S2.5	C0.5	L1.4	C0.5	B0.7	20.5
-0.3	-1.1	-0.4	-0.9	-0.1	4.4	-85	0	0	72	1.0	1.7	0.7	-0.1	L0.2	0.3	P0.9	S0.2	1.3	0.5	-0.1	0.5	S2.3	W0.1	L0.7	C0.6	B0.6	16.0
-3.0	-3.4	-2.6	-3.8	-0.6	6.1	-92	0	0	74	1.1	3.0	1.0	0.7	L0.2	1.0	P0.4	S1.0	1.1	0.9	0.5	0.3	S2.5	C0.2	L0.9	C1.0	B0.4	16.7
-0.7	-1.6	-0.6	-1.2	-0.3	5.2	-94	4	4	76	0.9	1.9	0.6	0.2	H0.9	0.9	P0.7	S0.8	1.6	0.7	0.2	0.1	S2.5	C0.5	L0.7	C1.3	B0.6	17.5

Herd Register or Generation Count 4-6 and BBR 100: Code A and F Bulls - PA and Yield Deviation April 2017

ST	Name of Bull	Registration			NAAB Code	No. Hrds	No. Daus	REL %	PTA Milk	PTA Fat	PTA Prot	Parent Average			Dau Yield Dev			JPI
		Number	GT	BBR JH1								Milk	Fat	Prot	Milk	Fat	Prot	
G	AHLEM TOPEKA RUFUS	USA 072520562	80K	100	F	11JE1213		75	-93	27	14	-86	24	12				87
G	HOMETOWN SAMSON GENUINE-ET	USA 118400893	80K	100	F	91JE5519		76	490	32	19	161	31	12				86
G	BW VALENCIA-ET	840003126536268	13K	100	F	551JE1657		73	242	36	14	485	36	19				86
G	AHLEM BARON	USA 072520687	80K	100	F	14JE687		74	516	17	13	478	18	16				85
G	HOMETOWN IRWIN ATTRACTION 83A	CAN 011879369	80K	100	F	91JE5592		75	556	25	24	357	30	19				84
G	HILMAR SPARKY ATLAS (5)-ET	USA 119268647	29K	100	F	100JE7367		77	415	32	22	392	28	22				84
G	DUPAT CHARLEMAGNE 521-ET	840003127607540	29K	100	F	44JE532		73	1134	27	26	1135	28	30				81
G	BUTTERCREST SAVVY	USA 118695189	80K	100	F	7JE1409		74	464	25	11	671	32	17				80
G	MULTI-ROSE CREDIBULL COMET-PP-ET	840003014373525	13K	100	F	54JE625		73	592	39	25	546	40	24				79
G	AMERI-MILK SAM TRIGGER	USA 067214207	99K	100	F	14JE702		75	637	31	20	363	35	18				79
G	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	99K	100	F	200JE8187		75	-479	33	8	-848	17	3				78
G	WILSONVIEW IF MATT-ET	USA 118367941	80K	100	F	7JE1344		77	176	23	20	287	26	22				76
G	ALL LYNNS REGION VENDOR-ET	USA 117483376	50K	100	F	97JE107		77	622	45	30	741	45	28				75
G	LEGENDAIRY TOPEKA HAILSTORM-ET	USA 118611817	8K	100	F	97JE125		75	482	42	26	104	27	14				74
G	JX DUPAT PLUS 473 (4)	USA 067163473	13K	100	C	44JE527		72	1125	32	34	1298	45	42				72
G	DUPAT BRIER 476-ET	USA 067163476	13K	100	C	44JE529		74	1298	35	44	1042	43	43				71
G	AHLEM TEXAS WILDCAT 22702-ET	USA 074067487	99K	100	F	250JE1511		74	-45	2	14	106	2	12				71
G	S & B PT MARVEL MY GUY-ET	USA 067110855	8K	100	F	566JE101		73	565	26	22	358	25	16				70
G	HILMAR PAUL RANCHO (5)	USA 118378707	8K	100	F	147JE6220		75	435	38	26	625	26	27				69
G	ALL LYNNS TBONE MAJOR-ET	USA 117043934	50K	100	C	97JE103		77	-353	34	8	-262	33	9				69
G	DUPAT BRIER 474-ET	USA 067163474	13K	100	C	44JE528		74	1284	40	42	1042	43	43				68
G	RIVER VALLEY VICTORIOUS-ET	840003126479524	99K	100	F	7JE5032		75	-213	15	6	-149	9	1				67
G	SUN VALLEY TOPEKA POLYPRO-ET	USA 118565536	80K	100	C	97JE126		76	323	31	28	230	32	24				65
G	GOLDEN DOMINATE-ET	CAN 012344082	99K	100	F	94JE4062		75	189	27	13	230	31	13				65
G	RIBBLESDALE BEAUMONT	GBR 000055792	8K	100	F	224JE2336		69	-284	39	7							64
G	HOMETOWN BRANSON ADVANTAGE-ET	USA 117967111	50K	100	F	91JE5478		76	-54	18	11	-283	24	7				55
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602		74	-22	36	6	-74	33	6				52
G	RIVER VALLEY JOYRIDE-ET	840003126479085	99K	100	C	200JE10011		71	45	17	12	-209	8	5				48
G	HOMETOWN GAMEPLAN-ET	USA 118406769	80K	100	F	91JE5521		76	-492	15	-2	-368	16	-1				39
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521		77	-144	14	3	134	18	6				36
G	RIVER VALLEY SPICE SHOWDOWN	840003012423904	80K	100	F	7JE5015		74	-692	4	-1	-1017	2	-8				32
G	CLOONEY CONQUERER-ET	GBR 000055781	8K	100	F	224JE2329		74	-393	19	1	-340	19	4				28
G	CHILLI IRWIN CAJUN-ET	USA 071577244	80K	100	F	97JE124		77	-592	-8	-6	-545	8	-5				28
G	HOMETOWN MERCHANT ANDRETTI-ET	CAN 011295001	50K	100	C	91JE5453		76	513	38	25	121	27	14				27
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520		77	564	31	16	356	31	13				25
G	HOMETOWN IRRESISTABLE-ET	CAN 011611206	80K	100	F	91JE5520		75	-150	0	-4	-308	-5	-6				22
G	COVINGTON MILAD TRISTRAM-P	USA 118541332	80K	100	F	566JE102		74	-605	10	-9	-734	10	-10				18
G	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	80K	100	F	147JE6221		74	-778	-8	-15	-668	-5	-6				14
G	RIVER VALLEY RICKI ROCKSTAR	840003126479237	99K	100	F	200JE10009		70	-1010	-7	-22	-488	10	-7				10
G	GOLDEN TOPEKA DRAGON-ET	CAN 011664219	80K	100	F	91JE5591		75	-668	10	-14	-405	25	-1				2
G	PLEASANT NOOK WR HG VENUE	CAN 011950642	80K	100	F	91JE5604		74	-1569	-1	-24	-1235	-5	-15				-3
G	RIVER VALLEY VENUS V I P-ET	840003126479167	99K	100	F	200JE10003		73	-1179	-20	-28	-1143	-16	-25				-6
G	COLTON FLAME FIREMAN	USA 118155636	99K	100	F	94JE4004		74	-1025	-10	-20	-997	-9	-19				-11
G	SUNNYDAWN GLADIATOR	GBR 000055749	8K	100	F	224JE2323		70	-231	-11	-11							-43
G	PLEASANT NOOK WR TEQUILAS VENOM-ET	CAN 011950641	80K	100	F	91JE5603		73	-2012	-15	-34	-1335	-10	-19				-66
G	J-KAY TEQUILA FIZZ	USA 067060052	99K	100	F	7JE1486		74	-1261	-26	-34	-1292	-18	-28				-78
G	PAYNESIDE GAME CHANGER	CAN 011830110	99K	100	F	94JE4029		73	-1250	-30	-34	-1124	-22	-25				-85
G	SNAFU HOLBRIC BILLINGS	USA 119166365	99K	100	F	94JE3986		74	-1397	-18	-26	-1209	-17	-26				-92
G	HOMETOWN INCENTIVE-ET	USA 118407078	80K	100	F	91JE5503		74	-1362	-34	-40	-1318	-32	-33				-94

Herd Register or Generation Count 4-6 and BBR 100: Code A and F Bulls - Pedigree and EFI/GFI April 2017

This report lists all Code A & F bulls marketed in the U.S. ranked by Jersey Performance Index (JPI), with their NAAB Code and Short Name, plus sire and maternal grandsire. At the far right is the bull's Expected Future Inbreeding (EFI) estimate or, if he is genomically tested, the genomic estimate of future inbreeding (GFI). EFI/GFI have nearly the same interpretation and provide Jersey breeders an important tool for managing inbreeding levels.

The USDA-Animal Improvement Programs Laboratory calculates the EFI of future progeny based on a random sample of 1,000 potential mates born in the last five (5) years obtained from the AJCA database. Genotypes allow measuring actual homozygosity and percentages of genes in common instead of the expected fractions computed from pedigrees. For GFI, the reference population is all genotyped animals born in the last 10 years.

ST	Name of Bull	NAAB Code	GT	BBR	JH1	Short Name	Sire Name	Maternal Grandsire	JPI	EFI GFI
A	JX SCHULTZ VOLCANO HARRIS (4)	29JE3866	80K	100	F	JX-HARRIS(4)	ALL LYNNS LEGAL VOLCANO-ET	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	213	7.0
A	CDF VICEROY-ET	11JE1179	50K	100	F	VICEROY	SUNSET CANYON DOMINICAN-ET	ISDK Q IMPULS	184	7.2
A	FARIA BROTHERS HUELL (4)-ET	14JE645	80K	100	F	HUELL(4)	ISDK DJ HULK	BW RENEGADE-ET	182	3.5
A	-68? GOLDEN GDK VIVALDI	200JE7756	50K	100	F	VIVALDI	ISDK DJ LIX	ISDK Q IMPULS	177	5.8
A	SUGAR GROVE VALENTINO AXIS	7JE1274	50K	100	F	AXIS	ALL LYNNS LOUIE VALENTINO-ET	SCHULTZ DUDLEY RESTORE-ET	168	10.4
A	ROWLEYS 11 VISIONARY CHILI-ET	29JE3867	80K	100	F	CHILI	ALL LYNNS LEGAL VISIONARY-ET	SUNSET CANYON MAXIMUM-ET	165	8.1
A	BLUE MIST VISIONARY METHOD	14JE666	80K	100	C	METHOD	ALL LYNNS LEGAL VISIONARY-ET	ALL LYNNS LOUIE VALENTINO-ET	164	7.8
A	BERRYS DIMENSION VARICK-ET	7JE1331	50K	100	F	VARICK	SUNSET CANYON DIMENSION-ET	BW ACADEMY-ET	163	7.8
A	SUNSET CANYON DAYBREAK-ET	29JE3768	50K	100	F	DAYBREAK	ALL LYNNS RESTORE VIBRANT-ET	ISDK Q IMPULS	156	8.7
A	JX FARIA BROTHERS WALTER WHITE (4)-ET	29JE3927	50K	100	C	JX-WALTER(4)	CAL-MART RENEGADE HILARIO-ET	ALL LYNNS LOUIE VALENTINO-ET	156	8.0
A	WINDHAVENS VISIONARY PRINCE	14JE606	50K	100	C	PRINCE	ALL LYNNS LEGAL VISIONARY-ET	ISDK Q IMPULS	155	8.6
A	CAL-MART MEDALIST PILGRIM	29JE3860	50K	100	F	PILGRIM	SUNSET CANYON MEDALIST-ET	TOLLENAARS IMPULS LOUIE 260-ET	154	8.2
A	DP MARVEL ISAAC-ET	11JE1186	50K	100	F	ISAAC	ALL LYNNS VALENTINO MARVEL	ISDK Q IMPULS	149	7.5
A	SUNSET CANYON DIMENSION-ET	7JE1149	50K	100	F	DIMENSION	BW RENEGADE-ET	ISDK Q IMPULS	148	7.9
A	PEARLMONT VISIONARY DEMAND	7JE1275	50K	100	F	DEMAND	ALL LYNNS LEGAL VISIONARY-ET	SCHULTZ DUDLEY RESTORE-ET	145	8.0
A	ALL LYNNS LEGAL VISIONARY-ET	29JE3761	50K	100	C	VISIONARY	TOLLENAARS IMPULS LEGAL 233-ET	ROCK ELLA PARAMOUNT-ET	144	8.7
A	GLYNN VALENTINO MARCIN	11JE1117	50K	100	C	MARCIN	ALL LYNNS LOUIE VALENTINO-ET	FOREST GLEN MECCAS JEVON-ET	143	10.0
A	SUNSET CANYON MERICA-ET	29JE3884	50K	100	F	MERICA	SUNSET CANYON DIMENSION-ET	ISDK Q IMPULS	143	5.7
A	BW SOLEIL	203JE1366	50K	100	C	SOLEIL	HAWARDEN IMPULS PREMIER	BANCREST LESTER AVERY	143	7.4
F	ISDK VJ LURE	236JE153	GT	100		VJ LURE	ISDK DJ LIRSK	ISDK Q IMPULS	140	2.4
A	SUNSET CANYON DEPUTY-ET	7JE1267	50K	100	F	DEPUTY	SCHULTZ LEGAL CRITIC-P	SCHULTZ DUDLEY RESTORE-ET	139	9.0
A	MISSISKA MACKENZIE-ET	200JE1007	80K	100	F	MACKENZIE	ALL LYNNS VINNIE-ET	SUNSET CANYON MERCHANT-ET	138	7.9
A	AHLEM VIABULL-P	29JE3869	50K	100	F	VIABULL-P	SCHULTZ LEGAL CRITIC-P	SCHULTZ RESCUE HEADLINE	138	8.9
A	FARIA BROTHERS DRAPER (4)-ET	29JE3925	50K	100	F	DRAPER(4)	ALL LYNNS VALENTINO MARVEL	BW RENEGADE-ET	138	6.0
A	WILSONVIEW JEVON MAGNUM-ET	523JE927	50K	100	F	MAGNUM	FOREST GLEN MECCAS JEVON-ET	ISDK Q IMPULS	136	7.2
A	SUNSET CANYON DIVIDEND-ET	1JE791	50K	100	F	DIVIDEND	ALL LYNNS LOUIE VALENTINO-ET	SCHULTZ DUDLEY RESTORE-ET	134	10.4
A	SUNSET CANYON DAZZLER-ET	29JE3830	50K	100	F	DAZZLER	HAWARDEN IMPULS PREMIER	SCHULTZ DUDLEY RESTORE-ET	133	9.2
A	RIVER VALLEY PFENNIG PERFECT FIT	147JE6213	50K	100	F	FIT	SUNSET CANYON DOMINICAN-ET	RICHIES JACE TBONE A364	132	8.9
A	ALL LYNNS LEGAL VOLCANO-ET	29JE3762	50K	100	F	VOLCANO	TOLLENAARS IMPULS LEGAL 233-ET	ROCK ELLA PARAMOUNT-ET	131	8.1
A	JX DEN-KEL HENDRIX JAMMER (4)-ET	7JE1254	50K	100	F	JX-JAMMER(4)	PF LENNOX HENDRIX	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	131	5.8
A	GLYNN HEADLINE NEWS-ET	7JE1184	50K	100	F	NEWS	SCHULTZ RESCUE HEADLINE	FOREST GLEN MECCAS JEVON-ET	130	9.1
A	D&E CRITIC VERN-P-ET	11JE1184	50K	100	F	VERN-P	SCHULTZ LEGAL CRITIC-P	ISDK Q IMPULS	129	8.5
A	JX WILSONVIEW SOPRANO (4)	200JE521	50K	100	F	JX-SOPRANO(4)	ISDK DJ ZUMA	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	129	4.7
F	ISDK VJ LINK	236JE155	50K	100	F	VJ LINK	HOLLYLANE LILIBETS LEGACY	Q HIRSE	129	2.3
A	SUNSET CANYON DETERMINATE-ET	200JE9830	50K	100	F	DETERMINATE	ALL LYNNS LOUIE VALENTINO-ET	ISDK Q IMPULS	128	9.6
A	SUNSET CANYON JORDACHE-ET	7JE1335	50K	100	F	JORDACHE	SUNSET CANYON DAVID-ET	ISDK Q IMPULS	128	8.3
A	WAUNAKEE DIGNITARY PROTECTOR-ET	29JE3886	50K	100	F	PROTECTOR	SUNSET CANYON DIGNITARY-ET	FOREST GLEN MECCAS JEVON-ET	126	9.6
A	DUTCH HOLLOW CLEARVISION-ET	200JE910	50K	100	F	CLEARVISION	ALL LYNNS LEGAL VISIONARY-ET	TOLLENAARS IMPULS LOUIE 260-ET	124	8.9
F	ISDK VJ LUKOWA	236JE160	50K	100	F	VJ LUKOWA	ISDK VJ LURE	ISDK DJ HULK	124	1.4
A	PEARLMONT VALENTINO DAZZLER	1JE826	80K	100	C	DAZZLER	ALL LYNNS LOUIE VALENTINO-ET	SCHULTZ DUDLEY RESTORE-ET	123	9.9
A	SUNSET CANYON MUSKET-ET	97JE109	50K	100	F	MUSKET	ALL LYNNS LOUIE VALENTINO-ET	ISDK Q IMPULS	122	8.9
A	AHLEM HEADLINE PHAROAH 21795	7JE1221	50K	100	F	PHAROAH	SCHULTZ RESCUE HEADLINE	SC GOLD DUST PARAMOUNT IATOLA-ET	121	8.9
A	DUTCH HOLLOW OLIVER-P	7JE1219	50K	100	F	OLIVER-P	ALL LYNNS LOUIE VALENTINO-ET	DUTCH HOLLOW Q MIK-P-ET	121	9.5
A	D&E CELEBRITY VALUE	11JE1085	50K	100	C	VALUE	GALAXIES CELEBRITY-ET	ISDK Q IMPULS	120	9.0
A	ALL LYNNS PLUS VALERIAN (6)-ET	14JE655	80K	100	F	VALERIAN(6)	SWEETIE PLUS IATOLAS BOLD (5)	ROCK ELLA PARAMOUNT-ET	120	8.8
A	SUNSET CANYON DAVID-ET	200JE183	50K	100	F	DAVID	ALL LYNNS LOUIE VALENTINO-ET	ISDK Q IMPULS	120	10.7
A	CINNAMON RIDGE SNAPDRAGON	14JE661	80K	100	F	SNAPDRAGON	DP VALENTINO SAMSON	MAINSTREAM IATOLA SPARKY	118	9.5
A	PEARLMONT CRITIC DEMETRI-P-ET	14JE656	80K	100	F	DEMETRI-P	SCHULTZ LEGAL CRITIC-P	BW RENEGADE-ET	117	8.6
A	AHLEM VISIONARY PERSEUS 21947-ET	147JE6214	80K	100	C	PERSEUS	ALL LYNNS LEGAL VISIONARY-ET	FOREST GLEN AVERY ACTION-ET	113	9.1
A	CAL-MART VALENTINO BRIER-ET	11JE1151	50K	100	F	BRIER	ALL LYNNS LOUIE VALENTINO-ET	ISDK Q IMPULS	112	9.4
A	ALL LYNNS HENDRIX NITRO	7JE1242	50K	100	F	NITRO	PF LENNOX HENDRIX	RICHIES JACE TBONE A364	111	8.2
A	AHLEM DOMINICAN HOBBIT 21931	203JE1387	50K	100	F	HOBBIT	SUNSET CANYON DOMINICAN-ET	TOLLENAARS IMPULS LEGAL 233-ET	109	9.3
A	SUN VALLEY ZUMA KINDLE-ET	97JE110	50K	100	F	KINDLE	ISDK DJ ZUMA	ISDK JAS BUNGY	109	4.8
A	HI-LAND SCORE FORMIDABLE	1JE882	80K	100	F	FORMIDABLE	HIGH LAWN VIBRANT SCORE-ET	SCHULTZ RESCUE HEADLINE	107	8.3
A	TC 1709 IMPRESSIVE EDDIE	14JE622	80K	100	F	EDDIE	FOREST GLEN IMPULS IMPRESSIVE	RICHIES JACE TBONE A364	105	8.3
A	AHLEM FASTRACK PATRIOT 21976-ET	91JE5550	80K	100	F	PATRIOT	BW FASTRACK-ET	SC GOLD DUST PARAMOUNT IATOLA-ET	104	9.4
A	TOLLENAARS VIBRANT 1127-C207-ET	97JE101	50K	100	F	BRANT	ALL LYNNS RESTORE VIBRANT-ET	ISDK Q IMPULS	101	7.9
A	ORTHTRIDGE RENO	7JE1332	50K	100	F	RENO	ALL LYNNS LEGAL VOLCANO-ET	SUNSET CANYON MAXIMUM-ET	100	6.0
A	SUNSET CANYON DECOY-ET	14JE600	50K	100	F	DECOY	ALL LYNNS LOUIE VALENTINO-ET	SCHULTZ DUDLEY RESTORE-ET	98	11.8
A	BW METALICA-ET	7JE1251	50K	100	C	METALICA	HAWARDEN IMPULS PREMIER	SOONER CENTURION-ET	98	8.2
A	SUNSET CANYON MEGATRON-ET	147JE6209	50K	100	C	MEGATRON	SUNSET CANYON MERCHANT-ET	ISDK Q IMPULS	94	6.4
A	ALL LYNNS LEGAL VOCATION-ET	97JE104	50K	100	F	VOCATION	TOLLENAARS IMPULS LEGAL 233-ET	ROCK ELLA PARAMOUNT-ET	93	7.4
A	JX MILK-N-MORE-LH IRWIN GARY (4)	14JE663	80K	100	C	JX-GARY(4)	ALL LYNNS VALENTINO IRWIN-ET	TOLLENAARS IMPULS LEGAL 233-ET	92	8.6
A	TOLLENAARS HEADLINE LOU-ET	14JE568	50K	100	F	LOU	SCHULTZ RESCUE HEADLINE	ISDK Q IMPULS	91	8.9
A	ALL LYNNS LOUIE VALENTINO-ET	7JE1038	50K	100	C	VALENTINO	BHF-SSF PARADE LOUIE-ET	ROCK ELLA PARAMOUNT-ET	87	11.3
A	DUTCH HOLLOW LEXICON	1JE700	50K	100	F	LEXICON	WOODSTOCK LEXINGTON-ET	O.F. MANNIX REBEL-ET	82	9.4
A	TOLLENAARS ROYALTY	97JE111	50K	100	F	ROYALTY	PETERSON IMPULSIVE ROY	TOLLENAARS IMPULS LEGAL 233-ET	80	6.0
A	WILL DO VALENTINO WARRANT-ET	14JE628	80K	100	F	WARRANT	ALL LYNNS LOUIE VALENTINO-ET	O.F. MANNIX REBEL-ET	80	10.3
A	HOMETOWN CATAPULT-P-ET	91JE5502	80K	100	F	CATAPULT-P	GOLDUST VALENTINO LAYNE-ET	DEN-KEL PARAMOUNT MYGENT-P-ET	80	9.7
A	JER-Z-BOYZ CRIS (6)-P-ET	203JE1388	50K	100	C	CRIS P(6)	SCHULTZ LEGAL CRITIC-P	SUNSET CANYON MAXIMUM-ET	78	7.8

**Herd Register or Generation Count 4-6 and BBR 100: Code A and F Bulls - Pedigree and EFI/GFI
April 2017**

ST	Name of Bull	NAAB Code	GT	BBR	JH1	Short Name	Sire Name	Maternal Grandsire	JPI	EFI GFI
A	GOLDUST KARBALA LADD-ET	11JE1140	50K	100	F	LADD	BW KARBALA-ET	BW LEGION	78	8.7
A	SPRING CREEK TOPEKA IVER-ET	14JE680	80K	100	F	IVER	HEARTLAND MERCHANT TOPEKA-ET	ISDK Q IMPULS	76	7.2
A	DEERVIEW VALSON-ET	11JE1150	50K	100	F	VALSON	ALL LYNNS LOUIE VALENTINO-ET	GALAXIES CELEBRITY-ET	76	9.1
A	GABYS GAZETTE-ET	91JE5405	50K	100	F	GAZETTE	SCHULTZ RESCUE HEADLINE	MASON LEMVIG JACINTO-ET	72	8.0
A	DUTCH HOLLOW VOLCANO CHARLES	151JE19	50K	100	F	CHARLES	ALL LYNNS LEGAL VOLCANO-ET	SWEETIE PLUS IATOLAS BOLD {5}	71	8.2
A	BW KARBALA-ET	11JE978	HD	100	C	KARBALA	SC GOLD DUST PARAMOUNT IATOLA-ET	SOONER CENTURION-ET	70	8.7
A	DUTCH HOLLOW DOMINIC-P	1JE845	80K	100	F	DOMINIC-P	SUNSET CANYON DOMINICAN-ET	SC GOLD DUST PARAMOUNT IATOLA-ET	69	9.1
A	TOLLENAARS RENEGADE 1129-D178-ET	97JE102	50K	100	F	REN	BW RENEGADE-ET	ISDK Q IMPULS	66	5.7
A	HEARTLAND IRWIN TEXAS-ET	7JE1354	80K	100	F	TEXAS	ALL LYNNS VALENTINO IRWIN-ET	WETUMPKA LEMVIG NATHAN-ET	65	9.1
A	JARS OF CLAY BARNABAS	7JE1294	80K	100	F	BARNABAS	HEARTLAND MERCHANT TOPEKA-ET	ALL LYNNS LOUIE VALENTINO-ET	62	8.7
A	SUN VALLEY RENEGADE HERO-ET	97JE108	50K	100	F	HERO	BW RENEGADE-ET	ISDK Q IMPULS	59	6.2
A	GABYS TBONE BRANSON-ET	147JE6185	50K	100	F	BRANSON	RICHIES JACE TBONE A364	FOREST GLEN AVERY ACTION-ET	58	9.6
A	JER-Z-BOYZ FELIZ {6}	44JE518	50K	100	F	FELIZ{6}	JENKS COUNTRY FELLA	SUNSET CANYON MAXIMUM-ET	54	6.9
A	ALL LYNNS VALENTINO WRANGLER	97JE106	50K	100	C	WRANGLER	ALL LYNNS LOUIE VALENTINO-ET	ISDK Q IMPULS	51	8.3
A	ALL LYNNS LOUIE VARICK-ET	203JE1081	50K	100	F	VARICK	BHF-SSF PARADE LOUIE-ET	ROCK ELLA PARAMOUNT-ET	50	9.4
A	HILMAR PAUL BRONCO {5}-ET	147JE6219	80K	100	F	BRONCO{5}	D&E PAUL-ET	RICHIES JACE TBONE A364	48	9.5
A	AHLEM VALENTINO MAUI 21838	203JE1385	50K	100	C	MAUI	ALL LYNNS LOUIE VALENTINO-ET	SCHULTZ RESCUE HEADLINE	46	9.5
A	GALAXIES CELEBRITY-ET	11JE826	50K	100	C	CELEBRITY	WINDY WILLOW MONTANA JACE {6}	BARBS MBSB DECLLO	44	10.7
A	CHILLI ACTION COLTON-ET	7JE1088	50K	100	F	COLTON	FOREST GLEN AVERY ACTION-ET	GIPRAT BELLES CONNECTION-ET	36	7.4
A	GABYS ASCOT-ET	80JE4019	50K	100	F	ASCOT	BW RENEGADE-ET	ISDK JAS ARTIST	29	6.1
F	GLANMOR BELMONT WELSH WIZARD	224JE2293	8K	100	F	WELSH WIZARD	SILVER SPRING BELMONT	O.F. BARBER ROCKET	27	7.7
A	STEINHAUERS IATOLA APPLEJACK	11JE968	50K	100	F	APPLEJACK	SC GOLD DUST PARAMOUNT IATOLA-ET	SCHULTZ BROOK HALLMARK	26	8.4
F	SAXOWN KAISER CHIEF	224JE2316	8K	100	F	KAISER CHIEF	SUNSET CANYON KYROS-ET	LESTER SAMBO	20	7.0
A	HILMAR MERCHANT MANUEL	147JE6210	50K	100	F	MANUEL	SUNSET CANYON MERCHANT-ET	AHLEM LEMVIG ABE {6}-ET	18	7.6
F	ISAU BROADLIN AUSSIEGOLD-P-ET	160JE3004	50K	100	F	AUSSIEGOLD-P	ISAU CAIRNBRAE JACES ELTON	ISAU PANNOO ABE VANAHLEM-ET	15	7.4
F	ISAU KAARMONA GALEAO	160JE3001		100		GAINFUL	ISAU BEULAH TARANAK BADGER	CLAYDON PARK FLOWER POWER	15	5.5
F	POTTERS WALLS STARBUCK	224JE2275	8K	100	F	STARBUCK	SUNSET CANYON ANTHEMS ALLSTAR-ET	UR UNKNOWN JERSEY SIRE	15	4.8
A	SUNBOW NUGGET-ET	44JE515	8K	100	C	SUNBOW NUGGET	WINDY WILLOW MONTANA JACE {6}	MVF BOLD VENTURE DANIEL	-2	9.4
F	ISDK VJ MIRO-P	236JE152	GT	100		VJ MIRO-P	ISDK DJ MAY	Q HIRSE	-3	1.7
F	FOURCROSSES ONTIME STAG	224JE2284	8K	100	F	ONTIME STAG	LENCREST ON TIME-ET	WF BROOK BOMBER	-24	5.7
A	SV JADE HIRED GUN-ET	94JE3720	50K	100	F	HIRED GUN	GIPRAT BELLES JADE-ET	GIL-BAR SPARKLER PRIMETIME	-30	4.2
A	HOMETOWN ACTION HERO	80JE4014	50K	100	F	HERO	FOREST GLEN AVERY ACTION-ET	GLENHOLME COUNCILLER	-57	7.4
A	ARETHUSA VERBATIM RESPONSE-ET	94JE3704	50K	100	F	VERBATIM RESPONSE	HOLLYLANE R RESPONSE-ET	SOONER CENTURION-ET	-59	5.0
A	SUNSET CANYON ANDREAS	94JE4036	99K	100	F	ANDREAS	HOLLYLANE R RESPONSE-ET	GIPRAT BELLES JADE-ET	-64	4.5
A	TOWER VUE PRIME TEQUILA-ET	76JE156	HD	100	F	TEQUILA	GIL-BAR SPARKLER PRIMETIME	LESTER SAMBO	-129	3.8

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April 2017**

ST	Name of Bull	NAAB Code	GT	BBR	JH1	Short Name	Sire Name	Maternal Grandsire	JPI	EFI GFI
Genomic Tested (G) Bulls - Pedigree and EFI/GFI April 2017										
G	ALL LYNNS TBONE MAJOR-ET	97JE103	50K	100	C	MAJOR	RICHIES JACE TBONE A364	WOODSTOCK LEXINGTON-ET	69	9.8
G	DUPAT BRIER 474-ET	44JE528	13K	100	C		CAL-MART VALENTINO BRIER-ET	SWEETIE PLUS IATOLAS BOLD {5}	68	8.2
G	RIVER VALLEY VICTORIOUS-ET	7JE5032	99K	100	F	VICTORIOUS	JARS OF CLAY BARNABAS	SC GOLD DUST PARAMOUNT IATOLA-ET	67	7.8
G	SUN VALLEY TOPEKA POLYPRO-ET	97JE126	80K	100	C	POLYPRO	HEARTLAND MERCHANT TOPEKA-ET	ISDK Q IMPULS	65	7.8
G	GOLDEN DOMINATE-ET	94JE4062	99K	100	F	DOMINATE	ALL LYNNS LEGAL VOLCANO-ET	GIPRAT BELLES CONNECTION-ET	65	7.9
G	RIBBLESDALE BEAUMONT	224JE2336	8K	100	F	BEAUMONT	ISDK DJ BROILER	SHF CENTURION SULTAN	64	4.6
G	HOMETOWN BRANSON ADVANTAGE-ET	91JE5478	50K	100	F	ADVANTAGE	GABYS TBONE BRANSON-ET	SIL-MIST MONTANA BLAIR 3753 {5}-ET	55	10.1
G	SPRUCE-H CHRIS-PP-ET	202JE602	8K	100	C	CHRIS PP	SCHULTZ LEGAL CRITIC-P	MAACK DAIRY ECLIPES-P-ET	52	8.8
G	RIVER VALLEY JOYRIDE-ET	200JE10011	99K	100	C	JOYRIDE	AHLEM TOPEKA RUFUS	ROCK ELLA PARAMOUNT-ET	48	7.5
G	HOMETOWN GAMEPLAN-ET	91JE5521	80K	100	F	GAMEPLAN	STEINHAUERS IATOLA APPLEJACK	FOREST GLEN AVERY ACTION-ET	39	8.1
G	BW ARMISTICE-ET	44JE521	50K	100	C	ARMISTICE	SUNSET CANYON MERCHANT-ET	SOONER CENTURION-ET	36	8.7
G	RIVER VALLEY SPICE SHOWDOWN	7JE5015	80K	100	F	SHOWDOWN	HAWARDEN IMPULS PREMIER	ELLIOTTS GOLDEN VOLTAGE-ET	32	6.1
G	CLOONEY CONQUERER-ET	224JE2329	8K	100	F	CONQUEROR	SUNSET CANYON DICE-ET	GOLDEN BOY OF FERREIRA	28	9.6
G	CHILLI IRWIN CAJUN-ET	97JE124	80K	100	F	CAJUN	ALL LYNNS VALENTINO IRWIN-ET	GIPRAT BELLES CONNECTION-ET	28	9.5
G	HOMETOWN MERCHANT ANDRETTI-ET	91JE5453	50K	100	C	ANDRETTI	SUNSET CANYON MERCHANT-ET	SIL-MIST MONTANA BLAIR 3753 {5}-ET	27	8.6
G	BW ATLAS-ET	44JE520	50K	100	F		SUNSET CANYON MERCHANT-ET	SOONER CENTURION-ET	25	8.8
G	HOMETOWN IRRESISTABLE-ET	91JE5520	80K	100	F	IRRESISTABLE	ALL LYNNS VALENTINO IRWIN-ET	GIPRAT BELLES CONNECTION-ET	22	8.0
G	COVINGTON MILAD TRISTRAM-P	566JE102	80K	100	F	TRISTRAM P	COVINGTON MILAD-P-ET	BW LEGION	18	8.8
G	ROYALTY RIDGE MB FULL THROTTLE	147JE6221	80K	100	F	F.THROTTLE	HAWARDEN IMPULS PREMIER	FOREST GLEN AVERY ACTION-ET	14	7.3
G	RIVER VALLEY RICKI ROCKSTAR	200JE10009	99K	100	F	ROCKSTAR	RIVER VALLEY CECE CHROME-ET	YELLOW BRIAR HEATHS GUAPO	10	7.0
G	GOLDEN TOPEKA DRAGON-ET	91JE5591	80K	100	F	DRAGON	HEARTLAND MERCHANT TOPEKA-ET	GIPRAT BELLES CONNECTION-ET	2	8.1
G	PLEASANT NOOK WR HG VENUE	91JE5604	80K	100	F	VENUE	SV JADE HIRED GUN-ET	LENCREST ON TIME-ET	-3	5.4
G	RIVER VALLEY VENUS V I P-ET	200JE10003	99K	100	F	V I P	CHILLI ACTION COLTON-ET	SELECT-SCOTT MINISTER-ET	-6	4.7
G	COLTON FLAME FIREMAN	94JE4004	99K	100	F	FIREMAN	CHILLI ACTION COLTON-ET	BRIDON REMAKE COMERICA-ET	-11	6.7
G	SUNNYDAWN GLADIATOR	224JE2323	8K	100		GLADIATOR	SILVER SPRING BELMONT	ISDK FYN LEMVIG	-43	5.8
G	PLEASANT NOOK WR TEQUILAS VENOM-ET	91JE5603	80K	100	F	VENOM	TOWER VUE PRIME TEQUILA-ET	LENCREST ON TIME-ET	-66	4.2
G	J-KAY TEQUILA FIZZ	7JE1486	99K	100	F	FIZZ	TOWER VUE PRIME TEQUILA-ET	SHF CENTURION SULTAN	-78	5.0
G	PAYNESIDE GAME CHANGER	94JE4029	99K	100	F	GAME CHANGER	TOWER VUE PRIME TEQUILA-ET	GRIFFENS GOVERNOR-ET	-85	4.4
G	SNAFU HOLBRIC BILLINGS	94JE3986	99K	100	F	BILLINGS	TOWER VUE PRIME TEQUILA-ET	RICHIES JACE TBONE A364	-92	6.1
G	HOMETOWN INCENTIVE-ET	91JE5503	80K	100	F	INCENTIVE	TOWER VUE PRIME TEQUILA-ET	GIPRAT BELLES CONNECTION-ET	-94	5.2

Section III

Generation Count 3 or GC 4-6 with BBR 93 and Lower

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Active (A) and Foreign (F) Bulls Marketed in US by JPI
 April 2017

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
A	JX FARIA BROTHERS LEONEL {3}-ET	840003011610079	80K	85	F	14JE648	14	235	96	1421	0.03	73	0.03	59	664	634	565	568	2.89
A	JX FARIA BROTHERS BOUDREAUX {3}-ET	840003011609979	80K	100	F	14JE672	2	14	83	788	0.24	84	0.07	42	647	616	546	534	2.96
A	JX FARIA BROTHERS BUNK {3}-ET	840003011610023	80K	90	F	14JE651	4	32	86	1171	-0.06	45	-0.01	40	547	537	516	510	2.91
A	JX FARIA BROTHERS TYWIN {4}-ET	840003011610094	8K	92	F	535JE61	1	15	80	880	0.09	61	0.05	41	526	501	443	483	2.94
A	JX FARIA BROTHERS CHEEZ {3}-ET	840003011610026	80K	90	C	14JE650	4	25	85	1512	-0.11	50	-0.02	50	530	519	496	436	2.93
A	JX FARIA BROTHERS ANTWON {4}-ET	840003011610060	80K	91	C	1JE884	2	14	82	968	-0.09	27	-0.01	33	500	491	473	472	2.91
A	JX WILSONVIEW MARVEL SULLY {4}-ET	USA 118313223	80K	90	F	11JE1190	19	71	89	506	0.12	47	0.07	33	489	462	398	377	3.03
A	JX CAL-MART CHART PADEN 4218 {4}	USA 118126702	50K	92	C	97JE112	10	104	92	1201	0.03	64	-0.04	32	418	420	429	332	2.86
A	JX FARIA BROTHERS GUS FRING {3}	840003011199101	50K	91	F	1JE859	14	346	97	604	0.07	44	0.03	28	400	384	347	328	3.02
A	JX WILSONVIEW MARVEL SCORCH {4}-ET	USA 118318684	80K	93	C	1JE860	12	214	95	786	-0.01	36	0.01	29	406	395	372	303	2.93
A	JX FARIA BROTHERS LEVY {3}	840003005174554	50K	89	C	97JE1	18	1,083	99	458	0.16	52	0.06	27	387	359	298	259	2.84
A	JX DUPAT DOMINICAN FLASHBACK {4}-ET	USA 067163410	80K	93	F	1JE843	30	365	97	55	0.12	25	0.08	18	325	294	221	230	2.83
A	JX FARIA BROTHERS TUOCO {3}	840003009717732	6K	90	F	97JE118	4	22	83	112	0.23	49	0.09	20	293	266	203	215	3.01
A	JX FARIA BROTHERS COMBO {3}	840003009138559	50K	93	F	1JE864	17	605	98	372	0.05	27	0.02	17	254	240	207	160	2.84
A	JX FARIA BROTHERS BADGER {3}	840003011199089	50K	93	F	1JE862	16	1,288	99	393	0.03	25	0.00	13	234	227	213	163	2.84
A	ISNZ OKURA LIKA MURMUR S3J {5}	NZL 000306549	29K	93	F	97JE6549	3,012	30,044	95	-571	0.23	16	0.13	3	85	51	-29	114	2.97

**Generation Count 3 or GC 4-6 with BBR 93 and Lower: Active (A) and Foreign (F) Bulls Marketed in US by JPI
April 2017**

PL	LIV	DPR	CCR	HCR	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
4.3	2.5	0.2	1.2	1.1	3.5	200	4	6	71	1.2	1.0	1.0	0.2	L0.4	1.1	P0.7	S0.5	2.3	1.3	0.2	0.0	S2.3	C1.0	L0.1	C0.6	C0.7	21.3
4.6	2.1	-0.3	-0.8	0.1	5.8	181	0	0	73	1.3	0.6	-0.1	0.5	L0.2	0.3	P0.3	S1.0	1.4	1.1	0.4	0.6	S1.4	C1.2	S0.4	C1.0	C0.4	17.6
6.1	3.3	2.1	2.5	0.9	4.0	168	1	4	71	1.0	0.7	0.1	-0.5	H0.3	0.8	P1.0	S0.7	2.0	0.8	-0.4	0.8	S2.7	C0.6	S0.4	C0.6	C0.1	24.3
3.6	0.2	1.1	2.2	2.5	2.3	157	0	0	64	-0.1	-0.3	-0.8	0.1	L0.7	-0.5	0.0	L0.2	-0.2	-0.2	0.1	-0.1	S1.4	W0.5	S0.5	W0.4	C0.9	5.0
4.5	2.3	-0.8	-0.1	-0.3	4.6	156	0	0	71	0.8	-0.8	-0.3	-0.3	H1.0	0.4	P1.3	S0.3	1.9	0.8	-0.2	0.0	S1.9	C0.2	S0.2	C0.5	C0.4	16.5
6.8	3.4	2.3	3.1	0.4	5.5	153	0	0	72	1.4	0.7	-0.4	0.2	L0.6	0.3	P0.7	S0.3	2.0	1.6	0.2	0.6	S2.9	C0.2	S0.2	C0.2	C0.4	25.7
5.9	3.3	-0.5	0.6	0.6	4.7	130	3	7	75	1.3	1.2	0.6	1.0	H0.1	0.6	P0.5	S0.1	0.4	1.3	0.8	0.7	S0.5	C0.3	S0.3	C0.3	C0.1	10.4
4.0	-0.9	-1.5	-1.0	-0.5	5.7	119	3	6	75	0.6	0.8	0.3	0.7	L0.4	0.2	S0.6	L0.1	0.7	1.2	0.5	1.6	D0.1	C0.8	L0.2	C0.4	B0.6	11.6
4.1	1.2	-0.3	0.8	0.7	4.5	112	3	4	71	1.1	1.9	0.4	0.7	L0.5	0.7	P0.3	S0.4	1.4	1.5	0.5	-0.1	S1.7	C0.2	S0.1	W0.3	C0.8	15.6
6.2	1.7	-1.0	-0.3	-0.3	6.4	109	1	3	75	1.0	0.8	0.1	0.8	L0.2	0.4	P0.1	0.0	0.6	0.8	0.6	-0.1	S1.0	C0.2	S1.0	C0.6	0.0	9.8
2.9	1.2	-1.8	-1.9	-2.7	4.9	103	4	59	87	1.0	1.3	0.8	0.4	L1.0	0.8	P0.2	S0.3	1.6	0.9	0.3	-0.4	S1.4	C0.8	S0.3	C0.4	C0.8	13.1
5.1	2.5	0.0	-0.5	1.9	5.5	87	11	43	85	-0.1	0.5	0.6	-0.9	L1.7	-0.2	0.0	L0.3	0.1	-0.3	-0.7	0.9	S0.2	C0.5	S0.1	C0.8	0.0	4.6
1.3	-0.2	-1.3	-0.1	1.5	4.0	82	0	0	67	0.7	1.0	0.6	0.7	L0.4	0.3	S0.5	S0.1	0.5	0.5	0.5	0.3	S0.8	C0.4	L0.3	C0.4	B0.3	7.6
3.6	-0.1	-2.1	0.1	1.6	5.3	69	6	36	84	0.8	1.4	0.8	0.3	L0.5	0.4	S0.4	S0.5	1.4	0.9	0.2	0.6	S1.6	W1.5	L1.2	W0.3	B0.3	12.0
3.7	0.8	-1.4	0.2	4.4	6.2	65	5	11	76	0.6	1.8	1.0	0.4	L0.4	0.8	0.0	S0.8	0.3	-0.2	0.3	0.9	S1.0	C0.8	L0.5	C1.4	B0.1	8.6
-0.6	1.5	3.5	2.3	-2.0	-0.5	19	311	3,127	92	-2.0	-2.3	0.6	-2.1	H0.1	0.0	S0.1	L0.7	-0.7	-1.8	-1.6	-0.6	D1.9	W1.1	L0.4	W1.4	C0.5	-19.8

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Code A and F Bulls - PA and Yield Deviation April 2017

ST	Name of Bull	Registration			NAAB Code	No. Hrds	No. Daus	REL %	PTA Milk	PTA Fat	PTA Prot	Parent Average			Dau Yield Dev			JPI
		Number	GT	BBR JH1								Milk	Fat	Prot	Milk	Fat	Prot	
G	JX DP POKER FACE {3}-ET	USA 118986649	80K	90	F	7JE1458		73	637	67	26	528	55	23				132
G	JX FARIA BROTHERS MUNDO {3}	840003012229191	80K	88	F	14JE676		72	626	61	30	806	41	31				122
G	JX WILSONVIEW MAGNUM STEELY {4}-ET	USA 118987190	80K	91	F	7JE1459		74	350	45	19	743	58	31				114
G	JX FARIA BROTHERS UNDERWOOD {3}	840003012576023	80K	100	F	1JE908		70	1358	58	40	1002	56	36				113
G	JX SUN VALLEY IRWIN GRAVITRON {4}-ET	USA 118658287	8K	93	F	97JE130		74	677	41	30	327	30	21				75

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Code A and F Bulls - Pedigree and EFI/GFI April 2017

This report lists all Code A & F bulls marketed in the U.S. ranked by Jersey Performance Index (JPI), with their NAAB Code and Short Name, plus sire and maternal grandsire. At the far right is the bull's Expected Future Inbreeding (EFI) estimate or, if he is genomically tested, the genomic estimate of future inbreeding (GFI). EFI/GFI have nearly the same interpretation and provide Jersey breeders an important tool for managing inbreeding levels.

The USDA-Animal Improvement Programs Laboratory calculates the EFI of future progeny based on a random sample of 1,000 potential mates born in the last five (5) years obtained from the AJCA database. Genotypes allow measuring actual homozygosity and percentages of genes in common instead of the expected fractions computed from pedigrees. For GFI, the reference population is all genotyped animals born in the last 10 years.

ST	Name of Bull	NAAB Code	GT	BBR	JH1	Short Name	Sire Name	Maternal Grandsire	JPI	EFI GFI
A	JX FARIA BROTHERS LEONEL (3)-ET	14JE648	80K	85	F	JX-LEONEL(3)	JX FARIA BROTHERS LEVY (3)	VEE TEE DUNKIRK DO RIGHT-ET	200	3.5
A	JX FARIA BROTHERS BOUDREAUX (3)-ET	14JE672	80K	100	F	JX-BOUDREAUX(3)	CAL-MART RENEGADE HILARIO-ET	SUNSET CANYON TARGET-ET	181	5.8
A	JX FARIA BROTHERS BUNK (3)-ET	14JE651	80K	90	F	JX-BUNK(3)	ALL LYNNS VALENTINO MARVEL	VEE TEE DUNKIRK DO RIGHT-ET	168	4.0
A	JX FARIA BROTHERS TYWIN (4)-ET	535JE61	8K	92	F	JX-TYWIN(4)	ISDK DJ HULK	SCHULTZ RESCUE HEADLINE	157	2.3
A	JX FARIA BROTHERS CHEEZ (3)-ET	14JE650	80K	90	C	JX-CHEEZ(3)	ALL LYNNS VALENTINO MARVEL	VEE TEE DUNKIRK DO RIGHT-ET	156	4.6
A	JX FARIA BROTHERS ANTWON (4)-ET	1JE884	80K	91	C	JX-ANTWON(4)	ALL LYNNS VALENTINO MARVEL	SCHULTZ RESCUE HEADLINE	153	5.5
A	JX WILSONVIEW MARVEL SULLY (4)-ET	11JE190	80K	90	F	JX-SULLY(4)	ALL LYNNS VALENTINO MARVEL	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	130	4.7
A	JX CAL-MART CHART PADEN 4218 (4)	97JE112	50K	92	C	JX-PADEN(4)	LYON IMPULS LOUIE CHART	JX OOMSDALE JACE GRATITUDE GANNON (2)-ET	119	5.7
A	JX FARIA BROTHERS GUS FRING (3)	1JE859	50K	91	F	JX-GUS(3)	ALL LYNNS VALENTINO MARVEL	BW RENEGADE-ET	112	4.5
A	JX WILSONVIEW MARVEL SCORCH (4)-ET	1JE860	80K	93	C	JX-SCORCH(4)	ALL LYNNS VALENTINO MARVEL	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	109	6.4
A	JX FARIA BROTHERS LEVY (3)	97JE1	50K	89	C	JX-LEVY(3)	ALL LYNNS LOUIE VALENTINO-ET	SUNSET CANYON MAXIMUM-ET	103	4.9
A	JX DUPAT DOMINICAN FLASHBACK (4)-ET	1JE843	80K	93	F	JX-FLASHBACK(4)	SUNSET CANYON DOMINICAN-ET	JX OOMSDALE JACE GRATIT GARDEN (2)-ET	87	5.5
A	JX FARIA BROTHERS TUCCO (3)	97JE118	6K	90	F	JX-TUCCO(3)	SUNSET CANYON ANTHEMS ALLSTAR-ET	RICHIES JACE TBONE A364	82	4.0
A	JX FARIA BROTHERS COMBO (3)	1JE864	50K	93	F	JX-COMBO(3)	ALL LYNNS LEGAL VISIONARY-ET	SUNSET CANYON MAXIMUM-ET	69	5.3
A	JX FARIA BROTHERS BADGER (3)	1JE862	50K	93	F	JX-BADGER(3)	WAUNAKEE LEGAL PERFORM	SUNSET CANYON APPARITION-ET	65	6.2
A	ISNZ OKURA LIKA MURMUR S3J (5)	97JE6549	29K	93	F	MURMUR(5)	ISNZ MITCHELLS LKABULL	ISNZ PARKWOOD CASPER	19	-0.5

Genomic Tested (G) Bulls - Pedigree and EFI/GFI April 2017

G	JX FARIA BROTHERS USAIN BOLT (3)	1JE984	99K	90	F	JX-USAIN(3)	JX FARIA BROTHERS TARHEEL (4)-ET	ISDK DJ HULK	208	4.0
G	JX FARIA BROTHERS FUTURE (3)-ET	1JE966	99K	93	F	JX-FUTURE(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS VALENTINO MARVEL	208	6.0
G	JX FARIA BROTHERS JODECI (3)	1JE964	99K	100	F	JX-JODECI(3)	JX FARIA BROTHERS TYRION (2)-ET	SUNSET CANYON DAYBREAK-ET	207	6.1
G	JX CROSSWIND PRIAPUS (3)	14JE742	50K	91	F	JX-PRIAPUS(3)	JX FARIA BROTHERS MARLO (2)-ET	ISDK DJ ZUMA	207	5.4
G	JX FARIA BROTHERS RONALDO (3)-ET	1JE922	80K	92	F	JX-RONALDO(3)	JX SCHULTZ VOLCANO HARRIS (4)	SUNSET CANYON TARGET-ET	206	5.8
G	JX CO-OP AD MARLO TEX (3)	1JE982	99K	90	F	JX-AD(3)	JX FARIA BROTHERS MARLO (2)-ET	HEARTLAND MERCHANT TOPEKA-ET	200	5.1
G	JX CO-OP MARLO CURRY (3)-ET	1JE971	99K	92	F	JX-CURRY(3)	JX FARIA BROTHERS MARLO (2)-ET	ORTHTRIDGE DA BOMB-P-ET	200	6.0
G	JX HIGHVIEW GUNSMOKE (3)	14JE762	50K	100	F	JX-GUNSMOKE(3)	JX FARIA BROTHERS MARLO (2)-ET	WILSONVIEW JEVON MAGNUM-ET	199	6.9
G	JX FARIA BROTHERS JAE CROWDER (3)	1JE973	99K	93	F	JX-CROWDER(3)	JX FARIA BROTHERS VANDRELL (2)-ET	WILSONVIEW JEVON MAGNUM-ET	199	5.6
G	JX AARDEMA DELUCA (3)	1JE993	99K	100	F	JX-DELUCA(3)	JX SCHULTZ VOLCANO HARRIS (4)	WILSONVIEW JEVON MAGNUM-ET	196	5.6
G	JX SEXING MARLO PATRON (3)-ET	551JE1658	99K	100	F	JX-PATRON(3)	JX FARIA BROTHERS MARLO (2)-ET	SWEETIE PLUS IATOLAS BOLD (5)	194	8.2
G	JX FARIA BROTHERS DEGROM (3)-ET	1JE962	99K	100	C	JX-DEGROM(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS VALENTINO MARVEL	194	6.0
G	JX FARIA BROTHERS TONY ALLEN (3)	1JE979	99K	85	F	JX-ALLEN(3)	JX FARIA BROTHERS VANDRELL (2)-ET	ALL LYNNS LEGAL VOLCANO-ET	193	2.9
G	JX FARIA BROTHERS RONALDINHO (3)	7JE1503	99K	100	F	JX-RONALDINHO(3)	JX SCHULTZ VOLCANO HARRIS (4)	HEARTLAND MERCHANT TOPEKA-ET	192	7.1
G	JX AARDEMA VANDRELL REEF (3)	1JE985	99K	93	F	JX-REEF(3)	JX FARIA BROTHERS VANDRELL (2)-ET	SUNSET CANYON DIVIDEND-ET	191	5.9
G	JX FARIA BROTHERS PROP JOE (3)-ET	1JE889	80K	100	F	JX-PROP JOE(3)	CAL-MART RENEGADE HILARIO-ET	SUNSET CANYON TARGET-ET	189	6.5
G	JX FARIA BROTHERS EUSEBIO (4)-ET	1JE921	80K	93	F	JX-EUSEBIO(4)	JX SCHULTZ VOLCANO HARRIS (4)	ALL LYNNS VALENTINO MARVEL	188	6.0
G	JX ALL LYNNS MARLO VOTER (3)-ET	29JE4049	99K	100	F	JX-VOTER(3)	JX FARIA BROTHERS MARLO (2)-ET	SUNSET CANYON DIMENSION-ET	185	7.9
G	JX FARIA BROTHERS CAMPEONE (3)	14JE707	99K	92	C	JX-CAMPEONE(3)	ALL LYNNS VALENTINO MARVEL	ALL LYNNS LOUIE VALENTINO-ET	185	6.8
G	JX FARIA BROTHERS PELE (3)	200JE914	99K	90	F	JX-PELE(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS VALENTINO IRWIN-ET	184	5.8
G	JX ROWLEYS MARLO STRIKE (3)	97JE151	13K	100	F	JX-STRIKE(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS ARTIST VIRGIL-ET	180	7.7
G	JX FARIA BROTHERS JUAN PABLO (3)-ET	29JE3943	80K	100	C	JX-PABLO(3)	ALL LYNNS LEGAL VISIONARY-ET	SUNSET CANYON TARGET-ET	180	7.1
G	JX FARIA BROTHERS CAFU (3)	551JE1652	99K	91	C	JX-CAFU(3)	JX FARIA BROTHERS VANDRELL (2)-ET	ALL LYNNS LEGAL VISIONARY-ET	179	4.1
G	JX AHLEM BARKSDALE SHOCKWAVE (3)	7JE1549	99K	93	F	JX-SHOCKWAVE(3)	JX FARIA BROTHERS BARKSDALE (2)-ET	WAUNAKEE LEGAL PERFORM	179	6.9
G	JX FARIA BROTHERS NEYMAR (3)	1JE939	99K	100	C	JX-NEYMAR(3)	MISSISKA MACKENZIE-ET	ALL LYNNS VALENTINO IRWIN-ET	178	6.6
G	JX AHLEM RUFIO (3)	200JE1080	99K	92	F	JX-RUFIO(3)	JX FARIA BROTHERS BARKSDALE (2)-ET	ALL LYNNS LEGAL VOLCANO-ET	177	6.6
G	JX AARDEMA HARRIS RUTH (3)-ET	1JE956	99K	93	C	JX-RUTH(3)	JX SCHULTZ VOLCANO HARRIS (4)	TOLLENAARS IMPULS LEGAL 233-ET	176	5.8
G	JX FARIA BROTHERS RAKITIC (3)	200JE1056	99K	90	F	JX-RAKITIC(3)	JX FARIA BROTHERS SNOOP (4)-ET	CAL-MART RENEGADE HILARIO-ET	176	5.0
G	JX FARIA BROTHERS AGUERO (4)	14JE722	99K	92	F	JX-AGUERO(4)	JX SCHULTZ VOLCANO HARRIS (4)	BW FASTRACK-ET	173	5.6
G	JX HI-LAND VANDRELL FRODO (3)	1JE961	99K	93	F	JX-FRODO(3)	JX FARIA BROTHERS VANDRELL (2)-ET	BUTTERCREST GALVANIZE	173	7.2
G	JX FARIA BROTHERS BABYFACE (3)	1JE965	99K	100	F	JX-BABYFACE(3)	JX FARIA BROTHERS PROP JOE (3)-ET	BW RENEGADE-ET	171	4.6
G	JX CO-OP AD VDRL VESTIGE (3)-P-ET	1JE954	99K	89	F	JX-VESTIGE (3)-P(3)	JX FARIA BROTHERS VANDRELL (2)-ET	ORTHTRIDGE DA BOMB-P-ET	170	3.9
G	JX FARIA BROTHERS SUAREZ (3)	200JE1083	50K	93	C	JX-SUAREZ(3)	JX FARIA BROTHERS WALTER WHITE (4)-ET	ALL LYNNS LEGAL VOLCANO-ET	170	5.7
G	JX DUTCH HOLLOW ALTAMARIO (3)	11JE1316	99K	100	F	JX-ALTAMARIO(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS LEGAL VOLCANO-ET	169	6.1
G	JX FOREST GLEN SEA BREEZE (3)	29JE4034	99K	93	F	JX-SEA BREEZE(3)	JX FARIA BROTHERS BARKSDALE (2)-ET	ALL LYNNS LEGAL VOLCANO-ET	169	6.4
G	JX WAUNAKEE PATTERN (3)-ET	200JE1087	99K	93	F	JX-PATTERN(3)	JX FARIA BROTHERS MARLO (2)-ET	TOLLENAARS IMPULS LEGAL 233-ET	168	6.7
G	JX SMJ VANDRELL GIDEON (3)	29JE4059	99K	100	F	JX-GIDEON(3)	JX FARIA BROTHERS VANDRELL (2)-ET	DUTCH HOLLOW PRESCOTT (6)-ET	167	5.9
G	JX FARIA BROTHERS HARVEY (3)	7JE1562	99K	100	F	JX-HARVEY(3)	ORTHTRIDGE RENO	ISDK DJ HULK	167	4.6
G	JX FARIA BROTHERS MULLER (3)	200JE1081	50K	92	F	JX-MULLER(3)	JX FARIA BROTHERS AVON (2)-ET	ALL LYNNS LOUIE VALENTINO-ET	165	5.5
G	JX AARDEMA VAN INTEL (3)	1JE968	99K	90	C	JX-INTEL(3)	JX FARIA BROTHERS VANDRELL (2)-ET	ALL LYNNS LEGAL VOLCANO-ET	164	5.6
G	JX SEXING MARLO POPEYE 61036 (3)-ET	551JE1646	99K	100	F	JX-POPEYE(3)	JX FARIA BROTHERS MARLO (2)-ET	SCHULTZ LEGAL CRITIC-P	164	7.8
G	JX FARIA BROTHERS KAKA (3)	14JE724	99K	92	F	JX-KAKA(3)	FARIA BROTHERS DRAPER (4)-ET	ALL LYNNS VALENTINO IRWIN-ET	163	6.5
G	JX AHLEM DENTINE (3)-ET	14JE749	50K	92	F	JX-DENTINE(3)	JX FARIA BROTHERS AVON (2)-ET	SWEETIE PLUS IATOLAS BOLD (5)	161	5.8
G	JX CAITLINS MARLO RODEO (3)-ET	29JE4030	99K	100	C	JX-RODEO(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS LEGAL VALENTINO-ET	161	8.4
G	JX SHOT OF NAT AMBITION (4)-P	200JE1067	99K	91	F	JX-AMBITION-P(4)	JX FARIA BROTHERS LEONEL (3)-ET	SCHULTZ LEGAL CRITIC-P	160	5.8
G	JX DODAN LH T-MARLO TYPHOON (3)	29JE4042	99K	92	F	JX-TYPHOON(3)	JX FARIA BROTHERS MARLO (2)-ET	ALL LYNNS LEGAL VISIONARY-ET	159	6.2
G	JX CO-OP AD VDRL VISUAL (3)-P-ET	1JE953	99K	93	C	JX-VISUAL(3)-P(3)	JX FARIA BROTHERS VANDRELL (2)-ET	ORTHTRIDGE DA BOMB-P-ET	158	6.2
G	JX DODAN ASTA MARLO ASTERISK (3)	29JE4041	99K	100	F	JX-ASTERISK(3)	JX FARIA BROTHERS MARLO (2)-ET	SWEETIE PLUS IATOLAS BOLD (5)	157	5.2
G	JX FARIA BROTHERS OMAR (3)-ET	1JE888	50K	100	F	JX-OMAR(3)	CAL-MART RENEGADE HILARIO-ET	SUNSET CANYON TARGET-ET	155	5.7

**Generation Count 3 or GC 4-6 with BBR 93 and Lower: Code A and F Bulls - Pedigree and EFI/GFI
April 2017**

ST	Name of Bull	NAAB Code	GT	BBR	JH1	Short Name	Sire Name	Maternal Grandsire	JPI	EFI GFI
Genomic Tested (G) Bulls - Pedigree and EFI/GFI April 2017										
G	JX TLJ LEONEL BREAKER {4}-ET	14JE726	99K	89	F	JX-BREAKER{4}	JX FARIA BROTHERS LEONEL {3}-ET	ALL LYNNS LEGAL VISIONARY-ET	154	4.9
G	JX FARIA BROTHERS GSP {3}-ET	200JE1025	80K	100	F	JX-GSP{3}	SWEETIE PLUS IATOLAS BOLD {5}	SUNSET CANYON TARGET-ET	154	6.7
G	JX FARIA BROTHERS DJ KHALED {3}-ET	97JE90	13K	90	F	JX-DJ KHALED{3}	SWEETIE PLUS IATOLAS BOLD {5}	SUNSET CANYON TARGET-ET	151	5.0
G	JX FARIA BROTHERS TOO SHORT {3}-ET	535JE100	13K	100	F	JX-TOO SHORT{3}	JX SCHULTZ VOLCANO HARRIS {4}	WILSONVIEW JEVON MAGNUM-ET	149	4.3
G	JX HIGHVIEW NAPOLEAN {3}-ET	14JE764	50K	91	F	JX-NAPOLEAN{3}	JX FARIA BROTHERS AVON {2}-ET	ALL LYNNS LOUIE VALENTINO-ET	148	5.8
G	JX AHLEM REV ELI {3}	14JE747	50K	93	F	JX-ELI{3}	JX FARIA BROTHERS REVOLUTION {2}-ET	BW KARBALA-ET	147	6.0
G	JX FARIA BROTHERS NEUER {3}	1JE938	99K	91	C	JX-NEUER{3}	JX FARIA BROTHERS BADGER {3}	ALL LYNNS VALENTINO MARVEL	147	5.8
G	JX FARIA BROTHERS BIRDMAN {4}	1JE937	99K	92	F	JX-BIRDMAN{4}	JX SCHULTZ VOLCANO HARRIS {4}	BW RENEGADE-ET	146	5.9
G	JX OOMSDALE REVOLUTION TYWIN {3}-ET	14JE753	50K	86	F	JX-TYWIN{3}	JX FARIA BROTHERS REVOLUTION {2}-ET	ALL LYNNS LEGAL VOLCANO-ET	139	4.1
G	JX PINE-TREE JUMBO SWEET {4}-ET	29JE4027	99K	88	F	JX-SWEET{4}	JX DENKEL ROWLEYS V JUMBO 2114 {4}-ET	BW RENEGADE-ET	139	3.8
G	JX FARIA BROTHERS PAPI {3}	14JE706	99K	93	F	JX-PAPI{3}	JX SCHULTZ VOLCANO HARRIS {4}	SENN-SATIONAL PARAMOUNT ACE	137	6.0
G	JX SEXING GOLDBRICK P 60877 {4}-ET	551JE1644	13K	92	C	JX-GOLDBRICK P{4}	JX SEXING DAVID GOLDFRAPP {5}-P-ET	JX OOMSDALE BRAZO GRATITUDE GHENT {2}-ET	134	6.0
G	JX DP POKER FACE {3}-ET	7JE1458	80K	90	F	JX-POKER FACE{3}	JX FARIA BROTHERS RAWLS {2}	BW KARBALA-ET	132	6.3
G	JX FARIA BROTHERS MUNDO {3}	14JE676	80K	88	F	JX-MUNDO{3}	ALL LYNNS MAXIMUM VERNON-ET	RICHIES JACE TBONE A364	122	4.9
G	JX WILSONVIEW MAGNUM STEELY {4}-ET	7JE1459	80K	91	F	JX-STEELY{4}	WILSONVIEW JEVON MAGNUM-ET	JX OOMSDALE JACE GRATIT GARDEN {2}-ET	114	4.8
G	JX FARIA BROTHERS UNDERWOOD {3}	1JE908	80K	100	F	JX-UNDERWOOD{3}	ALL LYNNS LEGAL VOLCANO-ET	SUNSET CANYON MAXIMUM-ET	113	4.1
G	JX SUN VALLEY IRWIN GRAVITRON {4}-ET	97JE130	8K	93	F	JX-GRAVITRON{4}	ALL LYNNS VALENTINO IRWIN-ET	RICHIES JACE TBONE A364	75	8.8

The American Jersey Cattle Association

Young Sire Program and Genetic Diversity Program

Application for Enrollment

Jersey breed progress depends upon breeders taking the lead in sampling highly qualified young sires. Do your part to continue the genetic improvement of the Jersey breed by enrolling qualifying young bulls in the AJCA Young Sire Program or the Genetic Diversity Program

Young Sire Program (YSP)

This program identifies outstanding young bulls at an early age to encourage early sampling for an accurate multi-herd proof.

The nomination standard is a **genomic PTA** that equals or exceeds the *70th percentile* for Jersey Performance Index™, PTA pounds protein, or Net Merit dollars (NM\$) of the NAAB G-code Jersey bulls. In the absence of a genomic evaluation, Parent Average may be substituted.

Current qualifying levels (*April 2017*) are +161 JPI or +43 lbs. protein or +534 NM\$.

Genetic Diversity Program (GDP)

This program encourages the sampling of genetically diverse bulls. The **genomic genetic evaluation** of nominated bulls must equal or exceed the *50th percentile* for Jersey Performance Index™, PTA pounds protein, or Net Merit dollars (NM\$) of the NAAB G-code Jersey bulls, **and** the bull's Genomic Future Inbreeding (GFI) must be *less than* 6%. In the absence of a genomic evaluation, Parent Average may be substituted.

Current qualifying levels are +138 JPI or +36 lbs. protein or +458 NM\$.

Requirements for Both Programs

Bulls must be no older than 15 months of age at the time of

nomination. Inheritance from a designated carrier of Limber Legs or Rectovaginal Constriction must be less than 12.5%.

Parentage must be qualified by genotyping and the bull listed with the AJCA.

A minimum of 200 units of semen must be frozen and stored if the bull is kept alive until his first CDCB daughter evaluation summary, or a minimum of 1,000 units frozen and stored if the bull is to be slaughtered.

For a YSP bull, the proving group must arrange daughter distribution to assure Reliability of at least 75% by the bull's second progeny test summary. **For a GDP bull**, the group must arrange daughter distribution in a minimum of 50 herds by the second progeny test summary.

PROGRAM BENEFITS

YSP and GDP bulls are designated on AJCA Official Performance Pedigrees and are also publicized through the Young Sire Availability Listing in *Jersey Journal*.

Apply Today

The enrollment fee is only \$30, and the benefits many!

American Jersey Cattle Association

6486 East Main Street
Reynoldsburg, OH 43068-2362
Phone 614/861-3636
Fax 614/861-8040



--- CUT AND MAIL ---

Nomination Form for Young Sire Program or Genetic Diversity Program

Complete information is required. If the young sire's registration is pending, provide registration information for his sire and dam.

YSP

GDP

CHECK ONE NAME OF BULL AND AJCA REGISTRATION NUMBER _____

DATE OF BIRTH _____

TATTOO/TAG: RIGHT EAR _____

LEFT EAR _____

FOR MORE INFORMATION, CONTACT PERSON _____

AJCA CUSTOMER NUMBER _____

ADDRESS _____

CITY _____

STATE _____

ZIP CODE _____

AREA CODE/PHONE NUMBER _____

EMAIL ADDRESS _____

I agree to keep the above named bull alive, remit the \$30 nomination fee, parentage qualify and list this bull with the AJCA, freeze and store at least 200 units of usable semen until after a CDCB daughter evaluation summary has been published, or freeze and store 1,000 units of semen (if bull will be slaughtered), arrange for 75% Reliability (YSP) or daughters in 50 herds (GDP) by his second CDCB daughter evaluation summary and to be bound by the rules of the program as they may from time to time be changed by the AJCA Board of Directors.

DATE _____

SIGNATURE OF OWNER OR AUTHORIZED AGENT _____

YSP/GDP 4/17

Section IV

Consolidated Reports and Lists: Bulls Marketed in the U.S.

Three-Generation Potential Matings With Resulting Inbreeding Levels

You can use the table below to estimate the minimum level of inbreeding that will result from a potential mating. The top 18 Active and Foreign AI Bulls are listed across the top of the table. The far left-hand column lists the 32 most common sire-maternal grandsire combinations found in Registered Jersey females born since April 1, 2013.

Remember this is a minimum inbreeding level because it considers only the sire influence. Including the influence of the maternal line will increase the inbreeding values by 20% to 25%. Use JerseyMate to determine and manage the actual level of inbreeding of these potential matings.

Sire Name	MGS Name	29JES3866 JX-HARRIS (4)	14JE648 JX-LEONEL (3)	11JIE1179 VICEROY	14JEG45 HUELL(4)	14JEG72 JX- BOUDREAU X(3)	200JIE7756 VIVALDI	7JIE1274 AXIS	14JIE651 JX-BUNJK(3)	29JES3867 CHILI	14JIE666 METHOD	7JIE1331 VARICK	535JIE61 JX-TYWIN(4)	14JIE650 JX-CHEEZ(3)	29JES788 JX-WALTER (4)	29JES3927 JX-WALTER (4)	14JIE606 PRINCE	29JES3860 PILGRIM	1JES884 JX-ANTWON (4)	Average
CALYPSO	VALENTINO	8%	9%	9%	2%	5%	5%	13%	9%	8%	10%	6%	5%	9%	8%	9%	7%	7%	11%	7.8%
LAYNE	CRITIC-P	9%	9%	8%	3%	5%	6%	13%	9%	8%	11%	7%	4%	9%	8%	9%	8%	6%	9%	7.7%
LAYNE	KILOWATT	7%	9%	6%	2%	5%	4%	13%	9%	6%	10%	7%	4%	9%	8%	9%	6%	6%	9%	7.2%
LAYNE	PAUL	8%	9%	7%	2%	5%	4%	13%	9%	7%	10%	7%	4%	9%	8%	9%	6%	6%	9%	7.3%
LAYNE	PERFORM	9%	9%	7%	3%	5%	5%	13%	9%	8%	11%	7%	4%	9%	8%	9%	8%	6%	9%	7.7%
LAYNE	VOLTAGE	9%	10%	8%	2%	6%	6%	15%	10%	8%	12%	7%	4%	10%	9%	10%	8%	6%	10%	8.3%
MARVEL	PAUL	8%	8%	8%	2%	5%	6%	12%	17%	7%	10%	6%	4%	17%	8%	8%	8%	6%	17%	8.6%
MARVEL	PERFORM	9%	8%	9%	3%	5%	7%	11%	17%	8%	11%	6%	4%	17%	9%	8%	10%	6%	17%	9.1%
MARVEL	TBONE	8%	8%	8%	3%	5%	6%	12%	17%	7%	10%	6%	4%	17%	8%	10%	8%	6%	17%	8.9%
MARVEL	VOLTAGE	9%	9%	10%	2%	5%	7%	13%	17%	9%	12%	6%	4%	17%	10%	9%	9%	6%	18%	9.7%
PERFORM	ACADEMY	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	9%	4%	6%	7%	6%	9%	6%	6%	6.5%
PERFORM	KILOWATT	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	6%	4%	6%	7%	6%	9%	6%	6%	6.2%
PERFORM	MARVEL	10%	6%	8%	3%	5%	6%	9%	11%	9%	11%	6%	4%	11%	8%	7%	11%	6%	12%	7.9%
PERFORM	PAUL	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	6%	4%	6%	7%	6%	9%	6%	6%	6.3%
PLUS(5)	ACTION	6%	5%	6%	2%	6%	4%	8%	5%	7%	7%	6%	4%	5%	6%	6%	5%	5%	6%	5.4%
PLUS(5)	HEADLINE	6%	5%	8%	2%	5%	4%	7%	5%	6%	6%	6%	6%	5%	7%	5%	5%	8%	6%	5.9%
REGAL	CRITIC-P	9%	9%	8%	3%	6%	6%	12%	9%	9%	11%	6%	4%	9%	8%	9%	8%	6%	9%	7.8%
REGAL	PERFORM	9%	9%	7%	3%	6%	6%	12%	9%	9%	11%	6%	4%	9%	8%	10%	8%	6%	9%	7.8%
SIAS A467	TBONE	8%	6%	5%	3%	6%	4%	7%	6%	6%	6%	6%	4%	6%	6%	8%	5%	6%	6%	5.7%
TOPEKA	ACTION	7%	6%	5%	3%	7%	4%	8%	5%	6%	6%	6%	4%	5%	5%	7%	5%	6%	6%	5.7%
TOPEKA	BELVEDERE	6%	5%	5%	3%	6%	4%	7%	5%	6%	5%	6%	4%	5%	6%	7%	5%	6%	6%	5.3%
TOPEKA	ECLIPES-P	6%	5%	5%	4%	6%	4%	7%	5%	6%	6%	6%	4%	5%	5%	7%	5%	6%	6%	5.4%
TOPEKA	RILEY	7%	6%	5%	3%	6%	4%	8%	6%	6%	6%	6%	4%	6%	6%	7%	5%	6%	6%	5.7%
TOPEKA	TBONE	7%	6%	5%	4%	6%	4%	6%	5%	6%	6%	6%	4%	5%	5%	8%	5%	6%	6%	5.6%
TOPEKA	VALENTINO	8%	8%	6%	3%	6%	5%	12%	8%	7%	10%	6%	4%	8%	7%	9%	6%	6%	9%	7.2%
VALENTINO	ACTION	9%	12%	8%	2%	7%	6%	20%	12%	9%	14%	6%	5%	12%	9%	12%	8%	6%	12%	9.4%
VALENTINO	ECLIPES-P	9%	12%	8%	3%	6%	6%	19%	11%	9%	14%	6%	4%	11%	9%	12%	8%	6%	12%	9.1%
VALENTINO	Q IMPULS	9%	10%	11%	2%	6%	9%	16%	11%	9%	15%	6%	3%	11%	11%	10%	11%	6%	12%	9.2%
VALENTINO	TBONE	10%	12%	8%	3%	6%	7%	19%	11%	9%	14%	6%	5%	11%	9%	13%	8%	6%	12%	9.4%
VERNON	JX-GANNON	9%	7%	7%	6%	7%	7%	8%	6%	11%	9%	6%	4%	6%	8%	8%	7%	6%	6%	7.2%
VOLTAGE	ACADEMY	10%	8%	8%	3%	6%	6%	11%	8%	9%	10%	9%	5%	8%	9%	8%	8%	6%	8%	7.7%
VOLTAGE	KILOWATT	10%	8%	8%	2%	6%	6%	11%	7%	8%	10%	6%	5%	7%	9%	8%	8%	6%	8%	7.4%
Average		8.3%	7.8%	7.3%	2.8%	5.6%	5.4%	11.1%	8.9%	7.7%	9.6%	6.3%	4.2%	8.9%	7.7%	8.4%	7.4%	6.1%	9.5%	7.4%

Top 10 Code A and F Bulls for Yield, Fitness and Type Traits

JERSEY PERFORMANCE INDEX™			
JX SCHULTZ VOLCANO HARRIS {4}	213	SUN VALLEY ZUMA KINDLE-ET	0.15
CDF VICEROY-ET	184	SUNSET CANYON MERICA-ET	0.15
FARIA BROTHERS HUELL {4}-ET	182	MISSISKA MACKENZIE-ET	0.13
JX FARIA BROTHERS BOUDREAU {3}-ET	181	GABYS TBONE BRANSON-ET	0.12
ISDK GOLDEN GDK VIVALDI	177	SV JADE HIRED GUN-ET	0.12
SUGAR GROVE VALENTINO AXIS	168	ISDK VJ MIRO-P	0.12
ROWLEYS 11 VISIONARY CHILI-ET	165	TC 1709 IMPRESSIVE EDDIE	0.12
BLUE MIST VISIONARY METHOD	164		
BERRYS DIMENSION VARICK-ET	163		
SUNSET CANYON DAYBREAK-ET	156	CHEESE MERIT DOLLARS (CM\$)	
JX FARIA BROTHERS WALTER WHITE {4}-ET	156	JX SCHULTZ VOLCANO HARRIS {4}	739
		JX FARIA BROTHERS BOUDREAU {3}-ET	647
		FARIA BROTHERS HUELL {4}-ET	644
PTA MILK		ISDK GOLDEN GDK VIVALDI	644
JX SCHULTZ VOLCANO HARRIS {4}	2062	CDF VICEROY-ET	643
GLYNN VALENTINO MARCIN	2054	SUGAR GROVE VALENTINO AXIS	595
SUGAR GROVE VALENTINO AXIS	1984	JX FARIA BROTHERS WALTER WHITE {4}-ET	582
GLYNN HEADLINE NEWS-ET	1774	BLUE MIST VISIONARY METHOD	577
WAUNAKEE DIGNITARY PROTECTOR-ET	1591	ROWLEYS 11 VISIONARY CHILI-ET	554
D&E CELEBRITY VALUE	1340	SUNSET CANYON DAYBREAK-ET	546
DUTCH HOLLOW CLEARVISION-ET	1318	MISSISKA MACKENZIE-ET	546
ALL LYNNS LEGAL VOLCANO-ET	1299	BERRYS DIMENSION VARICK-ET	546
ALL LYNNS LOUIE VARICK-ET	1255		
CDF VICEROY-ET	1245	NET MERIT DOLLARS (NM\$)	
		JX SCHULTZ VOLCANO HARRIS {4}	702
PTA FAT		CDF VICEROY-ET	616
JX SCHULTZ VOLCANO HARRIS {4}	92	JX FARIA BROTHERS BOUDREAU {3}-ET	616
FARIA BROTHERS HUELL {4}-ET	87	FARIA BROTHERS HUELL {4}-ET	584
JX FARIA BROTHERS BOUDREAU {3}-ET	84	SUGAR GROVE VALENTINO AXIS	582
SUNSET CANYON MEGATRON-ET	83	ISDK GOLDEN GDK VIVALDI	576
ISDK GOLDEN GDK VIVALDI	82	JX FARIA BROTHERS WALTER WHITE {4}-ET	543
WILSONVIEW JEVON MAGNUM-ET	81	BLUE MIST VISIONARY METHOD	540
CDF VICEROY-ET	77	SUNSET CANYON DAYBREAK-ET	525
MISSISKA MACKENZIE-ET	77	ROWLEYS 11 VISIONARY CHILI-ET	510
SUNSET CANYON MUSKET-ET	71		
JX DEN-KEL HENDRIX JAMMER {4}-ET	67	FLUID MERIT DOLLARS (FM\$)	
		JX SCHULTZ VOLCANO HARRIS {4}	619
PTA PERCENT FAT		SUGAR GROVE VALENTINO AXIS	557
ISDK GOLDEN GDK VIVALDI	0.52	CDF VICEROY-ET	554
ISDK VJ LURE	0.48	JX FARIA BROTHERS BOUDREAU {3}-ET	546
ISDK VJ LUKOWA	0.45	GLYNN VALENTINO MARCIN	486
FARIA BROTHERS HUELL {4}-ET	0.45	AHLEM VIABULL-P	480
SUN VALLEY ZUMA KINDLE-ET	0.41	SUNSET CANYON DAYBREAK-ET	476
ISDK VJ MIRO-P	0.35	JX DEN-KEL HENDRIX JAMMER {4}-ET	476
SUNSET CANYON MEGATRON-ET	0.34	CAL-MART MEDALIST PILGRIM	463
MISSISKA MACKENZIE-ET	0.33	BLUE MIST VISIONARY METHOD	456
GOLDUST KARBALA LADD-ET	0.31	BW SOLEIL	456
GABYS TBONE BRANSON-ET	0.31		
ARETHUSA VERBATIM RESPONSE-ET	0.31	GRAZING MERIT DOLLARS (GM\$)	
SUNSET CANYON JORDACHE-ET	0.31	CDF VICEROY-ET	569
POTTERS WALLS STARBUCK	0.31	FARIA BROTHERS HUELL {4}-ET	567
		ISDK GOLDEN GDK VIVALDI	535
PTA PROTEIN		JX FARIA BROTHERS BOUDREAU {3}-ET	534
JX SCHULTZ VOLCANO HARRIS {4}	81	JX SCHULTZ VOLCANO HARRIS {4}	525
GLYNN VALENTINO MARCIN	64	BW SOLEIL	519
SUGAR GROVE VALENTINO AXIS	64	CAL-MART MEDALIST PILGRIM	511
CDF VICEROY-ET	56	ROWLEYS 11 VISIONARY CHILI-ET	488
WINDHAVENS VISIONARY PRINCE	53	WILSONVIEW JEVON MAGNUM-ET	483
GLYNN HEADLINE NEWS-ET	50	SUNSET CANYON DAYBREAK-ET	478
DUTCH HOLLOW CLEARVISION-ET	50		
WAUNAKEE DIGNITARY PROTECTOR-ET	49	PTA SOMATIC CELL SCORE	
CAL-MART VALENTINO BRIER-ET	47	ISDK VJ LINK	2.71
ALL LYNNS LEGAL VISIONARY-ET	46	FARIA BROTHERS HUELL {4}-ET	2.72
D&E CRITIC VERN-P-ET	46	SUN VALLEY ZUMA KINDLE-ET	2.75
DP MARVEL ISAAC-ET	46	BLUE MIST VISIONARY METHOD	2.77
D&E CELEBRITY VALUE	46	SUNSET CANYON DAZZLER-ET	2.78
PTA PERCENT PROTEIN		ISDK VJ LUKOWA	2.80
ISDK GOLDEN GDK VIVALDI	0.22	BW METALICA-ET	2.80
ISDK VJ LURE	0.21	JX SCHULTZ VOLCANO HARRIS {4}	2.80
ISDK VJ LUKOWA	0.18		
SUNSET CANYON DIMENSION-ET	0.18		
		JX WILSONVIEW SOPRANO {4}	2.81
		PEARLMTONT VISIONARY DEMAND	2.81
		AHLEM VIABULL-P	2.81
		PTA PRODUCTIVE LIFE	
		SUNSET CANYON DAZZLER-ET	7.9
		CAL-MART MEDALIST PILGRIM	7.4
		BLUE MIST VISIONARY METHOD	7.1
		AHLEM VIABULL-P	7.1
		BW SOLEIL	7.0
		SUGAR GROVE VALENTINO AXIS	6.8
		JX FARIA BROTHERS WALTER WHITE {4}-ET	6.5
		DEERVIEW VALSON-ET	6.3
		ALL LYNNS LEGAL VISIONARY-ET	6.2
		ALL LYNNS LOUIE VALENTINO-ET	6.2
		SUNSET CANYON DIVIDEND-ET	6.2
		PTA LIVABILITY	
		BW SOLEIL	4.4
		AHLEM VALENTINO MAUI 21838	3.5
		AHLEM HEADLINE PHAROAH 21795	3.5
		CHILLI ACTION COLTON-ET	3.1
		DUTCH HOLLOW OLIVER-P	3.1
		SUNSET CANYON DAZZLER-ET	3.0
		ALL LYNNS LOUIE VALENTINO-ET	3.0
		CAL-MART MEDALIST PILGRIM	3.0
		PEARLMTONT VALENTINO DAZZLER	2.9
		SUNSET CANYON DAVID-ET	2.8
		DAUGHTER PREGNANCY RATE	
		BW SOLEIL	4.7
		CAL-MART MEDALIST PILGRIM	3.8
		ALL LYNNS HENDRIX NITRO	3.4
		DEERVIEW VALSON-ET	3.0
		SV JADE HIRED GUN-ET	2.6
		SUNSET CANYON DAZZLER-ET	2.5
		AHLEM HEADLINE PHAROAH 21795	2.5
		STEINHAUERS IATOLA APPLEJACK	2.3
		ISDK VJ LINK	2.3
		WILSONVIEW JEVON MAGNUM-ET	2.0
		BW METALICA-ET	2.0
		COW CONCEPTION RATE (CCR)	
		ISDK VJ LINK	5.2
		BW SOLEIL	4.6
		CAL-MART MEDALIST PILGRIM	4.5
		ISDK VJ LURE	3.9
		SUNSET CANYON DAZZLER-ET	3.6
		SV JADE HIRED GUN-ET	3.6
		ROWLEYS 11 VISIONARY CHILI-ET	3.5
		FARIA BROTHERS HUELL {4}-ET	3.1
		TOLLENAARS VIBRANT 1127-C207-ET	3.1
		AHLEM HEADLINE PHAROAH 21795	3.1
		HEIFER CONCEPTION RATE (HCR)	
		ISDK VJ LINK	6.5
		FARIA BROTHERS HUELL {4}-ET	5.5
		AHLEM VISIONARY PERSEUS 21947-ET	4.8
		ALL LYNNS LEGAL VISIONARY-ET	4.5
		SUNSET CANYON DIMENSION-ET	4.3
		JX WILSONVIEW SOPRANO {4}	4.3
		SUNSET CANYON DAZZLER-ET	4.2
		PEARLMTONT VISIONARY DEMAND	4.2
		ALL LYNNS LEGAL VOLCANO-ET	4.1
		ROWLEYS 11 VISIONARY CHILI-ET	4.0

Top 10 Code A and F Bulls for Yield, Fitness and Type Traits

EXPECTED FUTURE INBREEDING

ISDK VJ LUKOWA.....	1.4
ISDK VJ MIRO-P.....	1.7
ISDK VJ LINK.....	2.3
ISDK VJ LURE.....	2.4
FARIA BROTHERS HUELL {4}-ET.....	3.5
TOWER VUE PRIME TEQUILA-ET.....	3.8
SV JADE HIRED GUN-ET.....	4.2
SUNSET CANYON ANDREAS.....	4.5
JX WILSONVIEW SOPRANO {4}.....	4.7
SUN VALLEY ZUMA KINDLE-ET.....	4.8
POTTERSWALLS STARBUCK.....	4.8

PTA TYPE

GOLDUST KARBALA LADD-ET.....	2.5
JARS OF CLAY BARNABAS.....	2.5
DUTCH HOLLOW OLIVER-P.....	2.4
GLYNN VALENTINO MARCIN.....	2.2
AHLEM VALENTINO MAUI 21838.....	2.2
DEERVIEW VALSON-ET.....	2.0
ALL LYNNS LOUIE VALENTINO-ET.....	2.0
HEARTLAND IRWIN TEXAS-ET.....	2.0
CINNAMON RIDGE SNAPDRAGON.....	2.0
SUNSET CANYON DAZZLER-ET.....	1.9
AHLEM VISIONARY PERSEUS 21947-ET.....	1.9

STATURE

TOWER VUE PRIME TEQUILA-ET.....	3.4
GOLDUST KARBALA LADD-ET.....	2.9
CINNAMON RIDGE SNAPDRAGON.....	2.7
TC 1709 IMPRESSIVE EDDIE.....	2.7
ALL LYNNS HENDRIX NITRO.....	2.3
DEERVIEW VALSON-ET.....	2.2
PEARLMONT VALENTINO DAZZLER.....	2.1
SUGAR GROVE VALENTINO AXIS.....	2
SUNSET CANYON DIMENSION-ET.....	1.9
BERRYS DIMENSION VARICK-ET.....	1.9
AHLEM FASTRACK PATRIOT 21976-ET.....	1.9

STRENGTH

ISAU BROADLIN AUSSIEGOLD-P-ET.....	2.0
ALL LYNNS LEGAL VOCATION-ET.....	1.0
SUNSET CANYON MUSKET-ET.....	1.0
TOWER VUE PRIME TEQUILA-ET.....	0.9
SV JADE HIRED GUN-ET.....	0.9
JARS OF CLAY BARNABAS.....	0.9
CINNAMON RIDGE SNAPDRAGON.....	0.9
TC 1709 IMPRESSIVE EDDIE.....	0.9
WINDHAVENS VISIONARY PRINCE.....	0.9
CAL-MART MEDALIST PILGRIM.....	0.9

DAIRY FORM

JARS OF CLAY BARNABAS.....	2.0
GLYNN VALENTINO MARCIN.....	1.9
CINNAMON RIDGE SNAPDRAGON.....	1.9
WILL DO VALENTINO WARRANT-ET.....	1.8
D&E CELEBRITY VALUE.....	1.8
SUGAR GROVE VALENTINO AXIS.....	1.6
MISSISKA MACKENZIE-ET.....	1.5
SUNSET CANYON DIVIDEND-ET.....	1.5
SUNSET CANYON MEGATRON-ET.....	1.4
ROWLEYS 11 VISIONARY CHILI-ET.....	1.4
SUNSET CANYON DEPUTY-ET.....	1.4

RUMP WIDTH

CINNAMON RIDGE SNAPDRAGON.....	1.7
JX FARIA BROTHERS WALTER WHITE {4}-ET.....	1.4
SV JADE HIRED GUN-ET.....	1.4
GOLDUST KARBALA LADD-ET.....	1.3
TOWER VUE PRIME TEQUILA-ET.....	1.2
SUNSET CANYON ANDREAS.....	1.2
ISAU BROADLIN AUSSIEGOLD-P-ET.....	1.1
AHLEM HEADLINE PHAROAH 21795.....	1.0
DEERVIEW VALSON-ET.....	0.9
TC 1709 IMPRESSIVE EDDIE.....	0.9

FOOT ANGLE

SUNSET CANYON ANDREAS.....	S1.8
JX FARIA BROTHERS WALTER WHITE {4}-ET.....	S1.5
GOLDUST KARBALA LADD-ET.....	S1.3
ARETHUSA VERBATIM RESPONSE-ET.....	S1.2
FARIA BROTHERS DRAPER {4}-ET.....	S1.1
GABYS TBONE BRANSON-ET.....	S1.1
SV JADE HIRED GUN-ET.....	S1.1
CINNAMON RIDGE SNAPDRAGON.....	S1.1
DEERVIEW VALSON-ET.....	S1.0
AHLEM VALENTINO MAUI 21838.....	S1.0
JX FARIA BROTHERS BOUDREAUX {3}-ET.....	S1.0

FORE UDDER ATTACHMENT

GOLDUST KARBALA LADD-ET.....	3.2
JX FARIA BROTHERS WALTER WHITE {4}-ET.....	3.0
HEARTLAND IRWIN TEXAS-ET.....	2.8
AHLEM VALENTINO MAUI 21838.....	2.7
AHLEM VISIONARY PERSEUS 21947-ET.....	2.6
DEERVIEW VALSON-ET.....	2.5
SUNSET CANYON ANDREAS.....	2.3
ORTHURIDGE RENO.....	2.3
HOMETOWN CATAPULT-P-ET.....	2.2
BW METALICA-ET.....	2.2
WINDHAVENS VISIONARY PRINCE.....	2.2

REAR UDDER HEIGHT

DUTCH HOLLOW OLIVER-P.....	3.1
HEARTLAND IRWIN TEXAS-ET.....	3.0
AHLEM VALENTINO MAUI 21838.....	2.5
JARS OF CLAY BARNABAS.....	2.5
ALL LYNNS PLUS VALERIAN {6}-ET.....	2.2
SUGAR GROVE VALENTINO AXIS.....	2.2
SPRING CREEK TOPEKA IVER-ET.....	2.0
WILL DO VALENTINO WARRANT-ET.....	2.0
D&E CELEBRITY VALUE.....	2.0
CINNAMON RIDGE SNAPDRAGON.....	1.9

REAR UDDER WIDTH

JARS OF CLAY BARNABAS.....	1.5
GLYNN VALENTINO MARCIN.....	1.4
CINNAMON RIDGE SNAPDRAGON.....	1.4
WILL DO VALENTINO WARRANT-ET.....	1.3
D&E CELEBRITY VALUE.....	1.3
SUGAR GROVE VALENTINO AXIS.....	1.2
SUNSET CANYON MEGATRON-ET.....	1.1
MISSISKA MACKENZIE-ET.....	1.1
SUNSET CANYON DIVIDEND-ET.....	1.1
SUNSET CANYON DEPUTY-ET.....	1.1

UDDER CLEFT

GALAXIES CELEBRITY-ET.....	1.5
CHILLI ACTION COLTON-ET.....	1.3
HI-LAND SCORE FORMIDABLE.....	1.2
CAL-MART MEDALIST PILGRIM.....	1.2
AHLEM VISIONARY PERSEUS 21947-ET.....	1.1
SUNSET CANYON DAYBREAK-ET.....	1.0
SUNSET CANYON DAZZLER-ET.....	1.0
CAL-MART VALENTINO BRIER-ET.....	1.0
SUNSET CANYON MEGATRON-ET.....	1.0
SUNSET CANYON DIVIDEND-ET.....	1.0
SUNSET CANYON DAVID-ET.....	1.0
JX SCHULTZ VOLCANO HARRIS {4}.....	1.0
SUNSET CANYON DEPUTY-ET.....	1.0

UDDER DEPTH

GOLDUST KARBALA LADD-ET.....	S4.4
TOWER VUE PRIME TEQUILA-ET.....	S3.2
AHLEM VALENTINO MAUI 21838.....	S3.1
BW KARBALA-ET.....	S3.0
DEERVIEW VALSON-ET.....	S2.8
HEARTLAND IRWIN TEXAS-ET.....	S2.8
HOMETOWN CATAPULT-P-ET.....	S2.7
SUNSET CANYON ANDREAS.....	S2.6
SUNSET CANYON DAZZLER-ET.....	S2.4
SUNSET CANYON JORDACHE-ET.....	S2.3
JARS OF CLAY BARNABAS.....	S2.3
BW SOLEIL.....	S2.3

TEAT PLACEMENT

GABYS TBONE BRANSON-ET.....	C1.9
SUNSET CANYON DECOY-ET.....	C1.8
SUNSET CANYON DETERMINATE-ET.....	C1.7
AHLEM VISIONARY PERSEUS 21947-ET.....	C1.5
JX FARIA BROTHERS WALTER WHITE {4}-ET.....	C1.4
DUTCH HOLLOW LEXICON.....	C1.4
SUNSET CANYON DAVID-ET.....	C1.4
AHLEM FASTRACK PATRIOT 21976-ET.....	C1.3
JX MILK-N-MORE-LH IRWIN GARY {4}.....	C1.2
HILMAR PAUL BRONCO {5}-ET.....	C1.2
GALAXIES CELEBRITY-ET.....	C1.2
JX FARIA BROTHERS BOUDREAUX {3}-ET.....	C1.2
AHLEM DOMINICAN HOBBIT 21931.....	C1.2

REAR TEAT PLACEMENT REARVIEW

GABYS TBONE BRANSON-ET.....	C2.5
SUNSET CANYON DECOY-ET.....	C2.4
SUNSET CANYON DAVID-ET.....	C2.3
GALAXIES CELEBRITY-ET.....	C2.1
SUNSET CANYON DIVIDEND-ET.....	C2.1
DEERVIEW VALSON-ET.....	C2.0
RIVER VALLEY PFENNIG PERFECT FIT.....	C2.0
WILL DO VALENTINO WARRANT-ET.....	C2.0
JX FARIA BROTHERS WALTER WHITE {4}-ET.....	C1.9
SUNSET CANYON DEPUTY-ET.....	C1.8

REAR TEAT PLACEMENT SIDEVIEW

CHILLI ACTION COLTON-ET.....	B1.5
ORTHURIDGE RENO.....	B1.2
TOWER VUE PRIME TEQUILA-ET.....	B0.9
DEERVIEW VALSON-ET.....	B0.7
CAL-MART VALENTINO BRIER-ET.....	B0.7
ROWLEYS 11 VISIONARY CHILI-ET.....	B0.7
JARS OF CLAY BARNABAS.....	B0.7
ISDK GOLDEN GDK VIVALDI.....	B0.6
HEARTLAND IRWIN TEXAS-ET.....	B0.6
SUNSET CANYON DAYBREAK-ET.....	B0.5
JX MILK-N-MORE-LH IRWIN GARY {4}.....	B0.5
SUN VALLEY ZUMA KINDLE-ET.....	B0.5
SV JADE HIRED GUN-ET.....	B0.5
DUTCH HOLLOW LEXICON.....	B0.5
AHLEM VIABULL-P.....	B0.5

JERSEY UDDER INDEX™

GOLDUST KARBALA LADD-ET.....	34.8
HEARTLAND IRWIN TEXAS-ET.....	31.0
AHLEM VALENTINO MAUI 21838.....	30.1
DEERVIEW VALSON-ET.....	28.9
AHLEM VISIONARY PERSEUS 21947-ET.....	28.0
JARS OF CLAY BARNABAS.....	27.9
SUNSET CANYON DAZZLER-ET.....	27.0
BW KARBALA-ET.....	26.0
TOWER VUE PRIME TEQUILA-ET.....	23.9
WILL DO VALENTINO WARRANT-ET.....	23.6

April 2017, Code A, F and G Bulls Marketed in the USA - Short Name Order

Short Name	NAAB Code	S T	Name of Bull	Reg Number
PAXTON	551JE1649	G	BW PAXTON-ET	USA 119446229
PERSEUS	147JE6214	A	AHLEM VISIONARY PERSEUS 21947-ET	USA 071199762
PHAROAH	7JE1221	A	AHLEM HEADLINE PHAROAH 21795	USA 068951429
PILGRIM	29JE3860	A	CAL-MART MEDALIST PILGRIM	USA 118113935
PLUTO(6)	97JE139	G	JER-Z-BOYS PLUTO (6)-ET	USA 118884723
POLYPRO	97JE126	G	SUN VALLEY TOPEKA POLYPRO-ET	USA 118565536
POSTERBOY	7JE5043	G	RIVER VALLEY POSTERBOY	840003126479339
PREMIUM GOLD	97JE150	G	FOREST GLEN PREMIUM GOLD	USA 067609471
PRIDE	250JE1534	G	DP IATOLA PUZZLES PRIDE-ET	USA 119444245
PRIMERO	14JE682	G	EVANGELO DEL PRIMERO	USA 067172944
PRINCE	14JE606	A	WINDHAVENS VISIONARY PRINCE	USA 118065166
PROTECTOR	29JE3886	A	WAUNAKEE DIGNITARY PROTECTOR-ET	USA 071436056
QUIDDITCH	1JE885	G	AHLEM SCORE QUIDDITCH	USA 071199883
RACER	200JE10007	G	RIVER VALLEY ROSETTE RACER	840003126479283
RANCHO(5)	147JE6220	G	HILMAR PAUL RANCHO (5)	USA 118378707
REGENCY	14JE662	G	TJF VISIONARY REGENCY	USA 067248196
REN	97JE102	A	TOLLENAARS RENEGADE 1129-D178-ET	840003007737230
RENO	7JE1332	A	ORTHRIDGE RENO	840003010771735
ROBERT	14JE671	G	PETERSON POWER ROBERT	840003010961735
ROCKSTAR	200JE10009	G	RIVER VALLEY RICKI ROCKSTAR	840003126479237
ROYALTY	97JE111	A	TOLLENAARS ROYALTY	840003009329066
RUFUS	11JE1213	G	AHLEM TOPEKA RUFUS	USA 072520562
SANGITA	7JE1437	G	CDF SANGITA-ET	840003124584857
SAVVY	7JE1409	G	BUTTERCREST SAVVY	USA 118695189
SAXXON-P	202JE604	G	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518
SEVEN	7JE1447	G	JER-Z-BOYZ SEVEN	USA 118830292
SHIRE(6)	14JE718	G	AHLEM PALMER SHIRE (6)	USA 074067459
SHOWDOWN	7JE5015	G	RIVER VALLEY SPICE SHOWDOWN	840003012423904
SIGNAL	7JE1507	G	KASH-IN SIGNAL-ET	840003126536266
SLY(6)	200JE10015	G	RIVER VALLEY SAFARI SLY (6)-ET	840003126479080
SNAPDRAGON	14JE661	A	CINNAMON RIDGE SNAPDRAGON	USA 118526173
SOLAR-PP	7JE1499	G	KASH-IN SOLAR-PP-ET	840003126234075
SOLEIL	203JE1366	A	BW SOLEIL	USA 117965306
STARBUCK	224JE2275	F	POTTERSWALLS STARBUCK	GBR 000055607
STEVE	11JE1259	G	CDF IRWIN STEVE	840003006436334
STRIKER	7JE5020	G	RIVER VALLEY SAL STRIKER-ET	840003013097975
SUNBOW	44JE515	A	SUNBOW NUGGET-ET	USA 113707397
TAD	1JE944	G	CAL-MART PILGRIM TAD	USA 067294424
TEQUILA	76JE156	A	TOWER VUE PRIME TEQUILA-ET	USA 114816452
TEXAS	7JE1354	A	HEARTLAND IRWIN TEXAS-ET	USA 067312531
TORPEDO	250JE1456	G	IGL SANTANA TORPEDO-ET	840003125325348
TRIGGER	14JE702	G	AMERI-MILK SAM TRIGGER	USA 067214207
TRISTAN(5)	1JE916	G	AARDEMA SCORE TRISTAN (5)	840003012316341
TRISTRAM P	566JE102	G	COVINGTON MILAD TRISTRAM-P	USA 118541332
TUX	203JE1637	G	SEXING PILGRIM TUX 60328-ET	840003010364075
V I P	200JE10003	G	RIVER VALLEY VENUS V I P-ET	840003126479167
VALENCIA	551JE1657	G	BW VALENCIA-ET	840003126536268
VALENTINO	7JE1038	A	ALL LYNNS LOUIE VALENTINO-ET	USA 116279413
VALERGO-PP	11JE1294	G	ALL LYNNS NIKON VALERGO-PP	USA 119288203
VALERIAN(6)	14JE655	A	ALL LYNNS PLUS VALERIAN (6)-ET	USA 118452564
VALSON	11JE1150	A	DEERVIEW VALSON-ET	USA 067242274
VALUE	11JE1085	A	D&E CELEBRITY VALUE	USA 067176214
VANDANA P	203JE1627	G	ALL LYNNS SANTANA VANDANA-P-ET	USA 119035887
VARICK	7JE1331	A	BERRYS DIMENSION VARICK-ET	USA 118148696
VARICK	203JE1081	A	ALL LYNNS LOUIE VARICK-ET	USA 116279404
VAST	200JE1034	G	ALL LYNNS VAST-ET	USA 118981925
VENDOR	97JE107	G	ALL LYNNS REGION VENDOR-ET	USA 117483376
VENOM	91JE5603	G	PLEASANT NOOK WR TEQUILAS VENOM-	CAN 011950641
VENUE	91JE5604	G	PLEASANT NOOK WR HG VENUE	CAN 011950642
VERBATIM	94JE3704	A	ARETHUSA VERBATIM RESPONSE-ET	USA 116023076
VERN-P	11JE1184	A	D&E CRITIC VERN-P-ET	USA 067176284
VIABULL-P	29JE3869	A	AHLEM VIABULL-P	USA 071199749
VICEROY	11JE1179	A	CDF VICEROY-ET	840003002447507
VICTORIOUS	7JE5032	G	RIVER VALLEY VICTORIOUS-ET	840003126479524
VIRAL	200JE8187	G	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410
VIROQUA	200JE1043	G	SHERKHOLME VIROQUA	CAN 012233842
VISIONARY	29JE3761	A	ALL LYNNS LEGAL VISIONARY-ET	USA 117222740
VIVALDI	200JE7756	A	ISDK GOLDEN GDK VIVALDI	DNK 282101900
VJ DEE	236JE224	G	VJ HAVDAL LAPPE DEE	DNK 000304164
VJ HIHL	236JE162	G	ISDK VJ HIHL	DNK 000303812
VJ LINK	236JE155	F	ISDK VJ LINK	DNK 000303327
VJ LUKOWA	236JE160	F	ISDK VJ LUKOWA	DNK 000303732
VJ LURE	236JE153	F	ISDK VJ LURE	DNK 000303259
VJ MIRO-P	236JE152	F	ISDK VJ MIRO-P	DNK 000303274
VOCATION	97JE104	A	ALL LYNNS LEGAL VOCATION-ET	USA 117222777
VOLCANO	29JE3762	A	ALL LYNNS LEGAL VOLCANO-ET	USA 117222807
WARLOCK	200JE1030	G	AHLEM WARLOCK-ET	USA 073409399
WARRANT	14JE628	A	WILL DO VALENTINO WARRANT-ET	USA 118272319
WARREN	97JE133	G	GABYS VOLCANO WARREN	USA 118664132
WELSH WIZARD	224JE2293	F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719
WESTSTAR	200JE1064	G	VERJATIN WESTSTAR-ET	CAN 109411770
WICHITA	7JE1537	G	AHLEM FORMIDABLE WICHITA 22978	USA 074067763
WILDCAT	250JE1511	G	AHLEM TEXAS WILDCAT 22702-ET	USA 074067487
WILLOW	11JE1309	G	AHLEM SNAPDRAGON WILLOW	USA 067823040
WINDSTAR	7JE1411	G	AHLEM MEGATRON WINDSTAR-ET	USA 072520611
WORLD CUP(5)	1JE935	G	CO-OP AD WORLD CUP (5)-ET	840003126073776
WRANGLER	97JE106	A	ALL LYNNS VALENTINO WRANGLER	USA 117422935
ZENON-P	14JE740	G	SANDCREEKS REGENCY ZENON-P-ET	840003126823312
ZORRO-PP	54JE626	G	TOG ZORRO-PP-ET	840003125202110

April 2017, Code A, F and G Bulls Marketed in the USA - NAAB Code Order

NAAB Code	Short Name	S T	Name of Bull	Reg Number	NAAB Code	Short Name	S T	Name of Bull	Reg Number
200JE1047	JX-COURTOIS(5)	G	JX FARIA BROTHERS COURTOIS (5)	840003126052036	566JE101	MY GUY	G	S & B PT MARVEL MY GUY-ET	USA 067110855
200JE1049	JX-TOTALLY(6)	G	JX PROGENESIS TOTALLY (6)-ET	124 012302897	566JE102	TRISTRAM P	G	COVINGTON MILAD TRISTRAM-P	USA 118541332
200JE1053	DEWEY	G	DODAN DEW-Z DEWEY-ET	USA 119306240					
200JE1056	JX-RAKITIC(3)	G	JX FARIA BROTHERS RAKITIC (3)	840003126051974					
200JE1057	JX-DURABLE(5)	G	JX ROC-BOT DURABLE (5)	USA 075211001					
200JE1058	JX-JOLT(5)	G	JX SUN VALLEY JOLT (5)	USA 119282711					
200JE1059	JX-SPLASHED(5)	G	JX SUNSET CANYON SPLASHED (5)	USA 119306361					
200JE1060	HARDWORKER	G	PROGENESIS HARDWORKER-ET	CAN 012302927					
200JE1061	HARLEM	G	PROGENESIS HARLEM-ET	CAN 012302933					
200JE1062	JX-TIGNISH(6)	G	JX PROGENESIS TIGNISH (6)-ET	124 012302929					
200JE1064	WESTSTAR	G	VERJATIN WESTSTAR-ET	CAN 109411770					
200JE1065	JX-MONEYBAG(5)	G	JX LEGENDAIRY MONEYBAG (5)	USA 119392427					
200JE1067	JX-AMBITION-P(4)	G	JX SHOT OF NAT AMBITION (4)-P	USA 067274784					
200JE1074	HILLMAN	G	PROGENESIS HILLMAN	CAN 109266057					
200JE1080	JX-RUFIO(3)	G	JX AHLEM RUFIO (3)	USA 074067757					
200JE1081	JX-MULLER(3)	G	JX FARIA BROTHERS MULLER (3)	840003126052176					
200JE1083	JX-SUAREZ(3)	G	JX FARIA BROTHERS SUAREZ (3)	840003126052156					
200JE1087	JX-PATTERN(3)	G	JX WAUNAKEE PATTERN (3)-ET	USA 073596587					
200JE7756	VIVALDI	A	ISDK GOLDEN GDK VIVALDI	DNK 282101900					
200JE8187	VIRAL	G	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410					
200JE9830	DETERMINATE	A	SUNSET CANYON DETERMINATE-ET	USA 117335794					
200JE10001	CRAZE	G	RIVER VALLEY CIRCUS CRAZE-ET	USA 075341001					
200JE10002	JX-RUTHLESS-P	G	JX RIVER VALLEY RUTHLESS (5)-P-ET	840003126479169					
200JE10003	V P	G	RIVER VALLEY VENUS V I P-ET	840003126479167					
200JE10005	LIFT-OFF	G	RIVER VALLEY LANI LIFT-OFF-ET	840003126479129					
200JE10007	RACER	G	RIVER VALLEY ROSETTE RACER	840003126479283					
200JE10008	JX-CHECKMATE	G	JX RIVER VALLEY CHECKMATE (5)-ET	840003126479255					
200JE10009	ROCKSTAR	G	RIVER VALLEY RICKI ROCKSTAR	840003126479237					
200JE10010	CHANGE UP	G	RIVER VALLEY CHARLEY CHANGE UP-ET	840003126479215					
200JE10011	JOYRIDE	G	RIVER VALLEY JOYRIDE-ET	840003126479085					
200JE10015	SLY(6)	G	RIVER VALLEY SAFARI SLY (6)-ET	840003126479080					
200JE10016	DEFIANT	G	RIVER VALLEY DAHLIA DEFIANT	840003126479063					
200JE10017	FORT	G	RIVER VALLEY FERNLEAF FORT-ET	USA 075341034					
202JE601	MAC ARTHUR	G	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153					
202JE602	CHRIS PP	G	SPRUCE-H CHRIS-PP-ET	USA 067106207					
202JE604	SAXXON-P	G	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518					
203JE1081	VARICK	A	ALL LYNNS LOUIE VARICK-ET	USA 116279404					
203JE1366	SOLEIL	A	BW SOLEIL	USA 117965306					
203JE1385	MAUI	A	AHLEM VALENTINO MAUI 21838	USA 068951472					
203JE1387	HOBBIT	A	AHLEM DOMINICAN HOBBIT 21931	USA 071199746					
203JE1388	CRIS P(6)	A	JER-Z-BOYZ CRIS (6)-P-ET	USA 118125701					
203JE1515	IKE	G	JCJ ST VOL IKE	840003010566109					
203JE1618	LOTUS	G	SEXING NITRO LOTUS 61355-ET	840003010365102					
203JE1620	DAGGAR	G	AHLEM AXIS DAGGAR 22486	USA 073409447					
203JE1626	DONE RIGHT	G	BW DONE RIGHT	USA 118727686					
203JE1627	VANDANA P	G	ALL LYNNS SANTANA VANDANA-P-ET	USA 119035887					
203JE1629	JX-UNCLE LUKE	G	JX FARIA BROTHERS UNCLE LUKE (2)-ET	840003012575892					
203JE1630	JX-TI(2)	G	JX FARIA BROTHERS TI (2)	840003124526322					
203JE1631	JX-NATE DOGG	G	JX FARIA BROTHERS NATE DOGG (2)-ET	840003012575873					
203JE1637	TUX	G	SEXING PILGRIM TUX 60328-ET	840003010364075					
203JE1638	MIRROR	G	SUNSET CANYON MIRROR-ET	USA 118808990					
224JE2275	STARBUCK	F	POTTERS WALLS STARBUCK	GBR 000055607					
224JE2284	ONTIME STAG	F	FOURCROSSES ONTIME STAG	GBR 000055596					
224JE2293	WELSH WIZARD	F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719					
224JE2316	KAISER CHIEF	F	SAXOWN KAISER CHIEF	GBR 000055717					
224JE2323	GLADIATOR	G	SUNNYDAWN GLADIATOR	GBR 000055749					
224JE2329	CONQUEROR	G	CLOONEY CONQUERER-ET	GBR 000055781					
224JE2336	BEAUMONT	G	RIBBLES DALE BEAUMONT	GBR 000055792					
224JE2370	OLYMPIAN	G	SUNNYDAWN OLYMPIAN	GBR 000055862					
224JE2480	DEVINCI	G	GRAZELAND LEMONHEAD DEVINCI	USA 119413681					
236JE152	VJ MIRO-P	F	ISDK VJ MIRO-P	DNK 000303274					
236JE153	VJ LURE	F	ISDK VJ LURE	DNK 000303259					
236JE155	VJ LINK	F	ISDK VJ LINK	DNK 000303327					
236JE160	VJ LUKOWA	F	ISDK VJ LUKOWA	DNK 000303732					
236JE162	VJ HIHL	G	ISDK VJ HIHL	DNK 000303812					
236JE224	VJ DEE	G	VJ HAVDAL LAPPE DEE	DNK 000304164					
250JE1456	TORPEDO	G	IGL SANTANA TORPEDO-ET	840003125325348					
250JE1511	WILDCAT	G	AHLEM TEXAS WILDCAT 22702-ET	USA 074067487					
250JE1534	PRIDE	G	DP IATOLA PUZZLES PRIDE-ET	USA 119444245					
250JE1543	CHANNING	G	REYLA BARNABAS CHANNING	CAN 109219334					
507JE1482	CLAY	G	SHAN-MAR PROTECTOR CLAY-ET	USA 067553104					
507JE1528	DISCO	G	OAKLANE DAZZLER DISCO 2127-ET	USA 067742127					
523JE927	MAGNUM	A	WILSONVIEW JEVON MAGNUM-ET	USA 067010044					
535JE61	JX-TYWIN(4)	A	JX FARIA BROTHERS TYWIN (4)-ET	840003011610094					
535JE100	JX-TOO SHORT	G	JX FARIA BROTHERS TOO SHORT (3)-ET	840003124526295					
535JE103		G	JX FARIA BROTHERS IRWIN 79464 (2)-ET	840003011609984					
551JE1642	JX-CRANSTON(5)	G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537					
551JE1643	JX-VALIDATE(5)	G	JX SEXING VALIDATE 60883 (5)-ET	840003010364630					
551JE1644	JX-GOLDBRICK P	G	JX SEXING GOLDBRICK P 60877 (4)-ET	840003010364624					
551JE1646	JX-POPEYE(3)	G	JX SEXING MARLO POPEYE 61036 (3)-ET	840003010364783					
551JE1649	PAXTON	G	BW PAXTON-ET	USA 119446229					
551JE1650	JX-GOT MAID(5)	G	JX SUNSET CANYON GOT MAID (5)-ET	USA 119407594					
551JE1651	JX-PALMER(4)	G	JX MEIER LEONEL PALMER (4)	USA 067179059					
551JE1652	JX-CAFU(3)	G	JX FARIA BROTHERS CAFU (3)	840003126052218					
551JE1653	JX-GOLDEN P(4)	G	JX SEXING GFRAPP GOLDEN (4)-P-ET	840003010364640					
551JE1654	JX-BRUNO(5)	G	JX AHLEM BRUNO (5)-ET	USA 074067613					
551JE1656	BRAVEHEART	G	BW BRAVEHEART-ET	840003126536276					
551JE1657	VALENCIA	G	BW VALENCIA-ET	840003126536268					
551JE1658	JX-PATRON(3)	G	JX SEXING MARLO PATRON (3)-ET	840003123614852					

April 2017, Young Sires with NAAB Stud Codes

NAAB Code	Short Name	Registration Name	Reg #	GT	BBR	JH1	GJPI/ JPI™	REL	Milk	Fat	Prot	SCS	PL	DPR	NM\$	Type	JUI	GFI/ EFI	Sire Short Name	MGS Short Name
551JE1692	JX-WONDRA{3}	JX SEXING TI WONDRA {3}-ET	840003132350836	29K	90	F	194	62	1702	71	63	2.89	4.1	-0.6	623	1.7	23.5	5.5	JX-TI{2}	JX-HARRIS{4}
566 - INTERNATIONAL PROTEIN SIRES																				
566JE103	SHELBA	FANELLI SHEIK SHELBA 9649-P-ET	119607181	29K	100	F	117	66	524	30	17	2.72	4.7	1.8	383	1.1	16.8	8.3	SHEIK-P	LAYNE

Herd Register or Generation Count 4-6 and BBR 100: Young Sires Without Stud Codes Ranked by JPI™ April 2017

Registration Name	Reg #	GT	BBR	JH1	Birth Date	GJPI/ JPI™	REL	Parent Average or GPTA							JUI	GFI/ EFI	No. Sibs	Sire Short Name	MGS Short Name
								Milk	Fat	Prot	SCS	PL	DPR	NM\$					
JO-KIRCH MILTON GUZMAN	119928491	45K	100	F	12/22/2016	150	65	966	62	40	3.00	4.5	0.2	513	1.5	15.4	9.1	MILTON	SAMSON
RIVER VALLEY FIREFLY NXLVL 1126-ET	075341126	29K	100	F	10/31/2016	150	65	428	61	40	2.90	5.1	-0.3	482	1.1	9.3	8.5	NXLEVEL	CHILI
AHLEM OLIVER KEDGE 23696-PP-ET	067823696	45K	100	F	1/27/2017	150	68	1241	49	35	3.01	5.8	-1.0	524	2.6	29.1	8.7	OLIVER-P	NIKON-P
AHLEM DAYBREAK CLEVER 23582	067823582	29K	100	F	10/25/2016	150	69	739	47	33	2.86	6.0	-0.2	497	0.9	12.7	9.6	DAYBREAK	FIT
AHLEM NEWS VANCOUVER 23625	067823625	29K	100	F	11/28/2016	150	69	925	32	32	2.79	6.9	0.9	494	1.9	21.3	8.8	NEWS	DAZZLER
AHLEM DIVIDEND GOLDCHIP 23318	067823318	29K	100	F	5/10/2016	150	70	732	28	28	2.81	7.2	-0.2	487	1.6	28.6	9.2	DIVIDEND	PRINCE
AHLEM DAYBREAK BRANDYBUCK 23590	067823590	29K	100	F	11/9/2016	150	69	611	44	28	2.88	7.4	0.6	521	1.5	19.6	9.0	DAYBREAK	MALACHI
TOG HASHTAG S906 8149-ET	840003136807562	29K	100	C	8/26/2016	150	65	76	40	17	2.79	8.3	2.0	514	1.2	19.0	8.9	ALTABLITZ	CHUCK
SHAN-MAR JIVE CHARLENE 202	067454202				1/22/2017	150	35	339	63	37	3.02	4.7	-1.0	491	1.5	17.5	8.3	JIVE	HILARIO

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Young Sires Without Stud Codes Ranked by JPI™ April 2017

This report includes Generation Count bulls with BBR 93 and lower or bulls recorded under previous rules born since April 1, 2016 that have a Parent Average Jersey Performance Index™ or Genomic Jersey Performance Index™ of 150 or greater and have not been assigned an NAAB stud code. One calf from any group of full brothers is listed by name, and the total number of full brothers is noted in the column labeled 'No. Sibs'.

Registration Name	Reg #	GT	BBR	JH1	Birth Date	GJPI/ JPI™	REL	Parent Average or GPTA							JUI	GFI/ EFI	No. Sibs	Sire Short Name	MGS Short Name
								Milk	Fat	Prot	SCS	PL	DPR	NM\$					
JX FARIA BROTHERS CAL HARRIS 180891 (3)	840003135124422	13K	100	F	6/9/2016	185	64	1259	66	50	2.79	6.5	-0.9	631	1.1	11.5	7.2	JX-CALVIN(4)	VALENTINO

Section V

All Summarized Bulls

Fees for Programs and Services

American Jersey Cattle Association • National All-Jersey Inc.

Effective March 11, 2017

Membership

Lifetime membership, upon application	\$100.00
Associate membership, upon application	100.00
Junior membership, application required.....	No charge

Expires December 31 of the year junior reaches 21 years of age

Identification Services

Visit infoJersey.com to set up online services account.

Herd Register (including Generation Count 4 through 6)

Rates for AJCA Members

Non-Internet Applications

Animals (female or male) under 6 months, during calendar year:	
First 50 applications	\$14.00
51 or more applications	12.00
Animals 6-12 months	19.00
Animals 12-24 months	24.00
Animals over 24 months.....	32.00

Applications Submitted on infoJersey or by electronic file

Animals (female or male) under 6 months, during calendar year:	
First 50 applications	\$12.00
51-200 applications	10.00
More than 200 applications	7.00
Animals 6-12 months	17.00
Animals 12-24 months	22.00
Animals over 24 months.....	30.00

Rates for Non-Members

Non-Internet Applications

Animals (female or male) under 6 months	\$17.00
Animals 6-12 months	22.00
Animals 12-24 months	27.00
Animals over 24 months.....	37.00

Applications Submitted on infoJersey.com

Animals (female or male) under 6 months	\$15.00
Animals 6-12 months	20.00
Animals 12-24 months	25.00
Animals over 24 months.....	35.00

Generation Count Entry ID

Generation Count 1	\$ 5.00
Generation Count 2 and 3.....	7.00
Identified, UR status	5.00

Miscellaneous Fees

Dead animal registration	\$5.00
Duplicate or corrected certificate	\$5.00

Transfer of Ownership

For animal or embryo:	
Filed within 60 days of sale	\$14.00
Filed after 60 days of sale	17.00
<i>Online processing discount: \$2.00 discount from the standard fee applied to individual transfers processed via infoJersey.com and group transfers submitted by electronic files (Excel spreadsheet, report generated from herd management software, or field-delimited text file)</i>	
Transfers from Canadian Herd Book.....	14.00
Intra-farm transfers to AJCA Junior Member.....	7.00
Intra-herd transfers, all animals, single ownership*.....	2.00

** Not eligible for online processing discount*

REAP Herds

Female and embryo transfers filed within 60 days of sale, cumulative total within enrollment year:	
First 20 transfers.....	\$12.00
21-60 transfers	10.00

61-100 transfers	8.00
101-200 transfers	6.00
201-600 transfers	4.00
601 or more transfers	2.00
<i>\$2.00 discount for infoJersey or electronic files processing</i>	
Intra-herd transfers*	\$2.00

** Not eligible for online processing discount until 600 transfers have been processed during enrollment year*

Fees for Expedited Service

Rush Service fee (per piece, plus regular fee).....	\$ 5.00
U.S. Postal Service Express Mail	22.00
<i>Higher fees incurred if other delivery carriers requested</i>	
Fax or email delivery (per page)	2.00
<i>Maximum charge per order, \$60.00</i>	

Genomic Testing Services

Prices do not include required CDCB female fee (if applicable) or initial male fee. Contact AJCA for more information.

Genotyping

Males and females recorded in AJCA system, per animal:	
Ultra Low Density, 9K (non-REAP, add \$10.00)	\$ 30.00
Low Density, 45K (non-REAP, add \$10.00)	37.00
High Density (non-REAP, add \$15.00).....	100.00
Parentage qualification only (non-REAP, add \$10.00)...	30.00

Call for fees to genotype animals not recorded by the association.

Add-On Genetic Tests

Requested and processed with genotyping, per test	
BVD-PI (non-REAP, add \$1.00).....	\$ 4.50
A2 beta-casein (non-REAP, add \$2.00).....	12.00
Requested and processed separate of genotyping, per test	
BVD-PI (non-REAP, add \$1.00).....	\$ 4.50
A2 beta-casein (non-REAP, add \$2.00).....	15.00

TSU Supplies

NextGen Tissue Sampling Units (box of 10, through October 1, 2017)	
REAP herds (non-REAP, add \$1.50)	\$22.00
TSU applicator	55.00

Jersey Tags

Order direct from your infoJersey account. *Prices do not include tax when applicable and shipping.*

REAP herds: Priced by tag front in combinations for both ears

First Ear	Price	Second Ear	Price	Total Cost
Button*	\$0.60	Button	\$0.60	\$1.20
Large	1.15	Button*	0.60	1.75
Large	1.15	Large	1.15	2.30
Maxi	1.35	Button*	0.60	1.95
Maxi	1.35	Large	1.15	2.50
Maxi	1.35	Maxi	1.35	2.70

** Substitute RFID button tag for \$2.05 and recalculate total cost Add \$2.10 for Tissue Sampling Unit (TSU) packaged with tag set*

Other herds: Priced by tag front in combinations for both ears

First Ear	Price	Second Ear	Price	Total Cost
Button**	\$0.60	Button	\$0.60	\$1.20
Large	1.25	Button**	0.60	1.85
Large	1.25	Large	1.25	2.50
Maxi	1.45	Button**	0.60	2.05
Maxi	1.45	Large	1.25	2.70
Maxi	1.45	Maxi	1.45	2.90

*** Substitute RFID button tag for \$2.15 and recalculate total cost Add \$2.25 for Tissue Sampling Unit (TSU) packaged with tag set*

Tag options and pricing continued on next page.

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 is added when 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., GT3K from 3K chip, GT6K from 6K chip and so forth). 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.

Bulls enrolled in the Young Sire Program or Genetic Diversity Program are labeled YSP or GDP, respectively. Bulls eligible for, but not enrolled in these programs are designated GQ (qualified for YSP), DQ (qualified for GDP), or DGQ (qualified for both programs). If assigned, the NAAB code for bulls 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 10 traits (*with weights*): 30% Protein : 15% Fat : 7% CFP Milk : 12.8% Jersey Udder Index™ : 7% Body Weight Composite : 7% DPR : 6% SCS : 6% PL : 4% LIV : 2% CCR : 2% HCR.

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\$ and FM\$; fitness traits (PL, 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 (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 10*).
19. The paternal grandam (*refer to 11*). Latest final score and up to four lactations are printed. Cows with AJCA registration numbers below 2,300,000 or registered in other countries may not have lactations.
20. The maternal grandsire (*refer to 10*).
21. The maternal grandam (*refer to 11*). Up to 4 lactations, along with type evaluations are printed.

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American Jersey Cattle Association

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(614)861-3636 Voice (614)861-8040 Fax
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6486 East Main Street
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