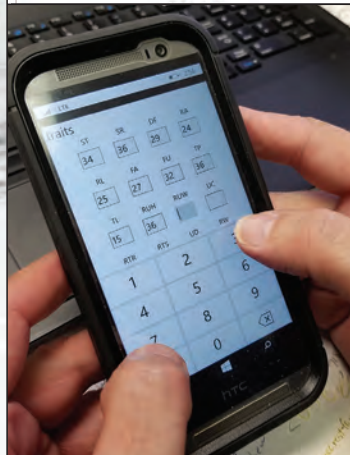
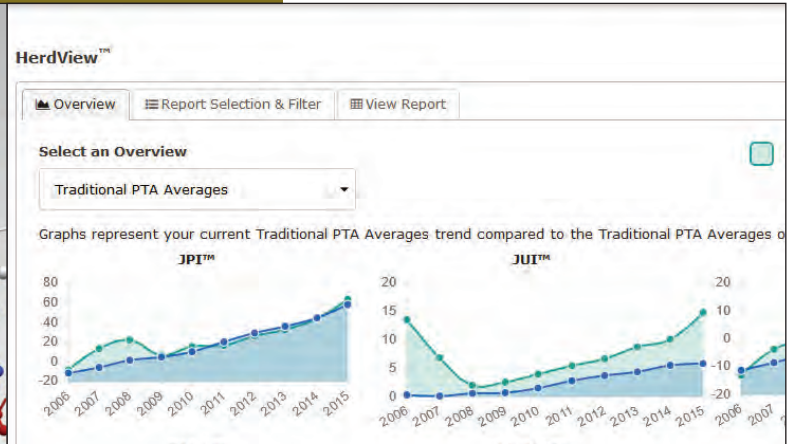
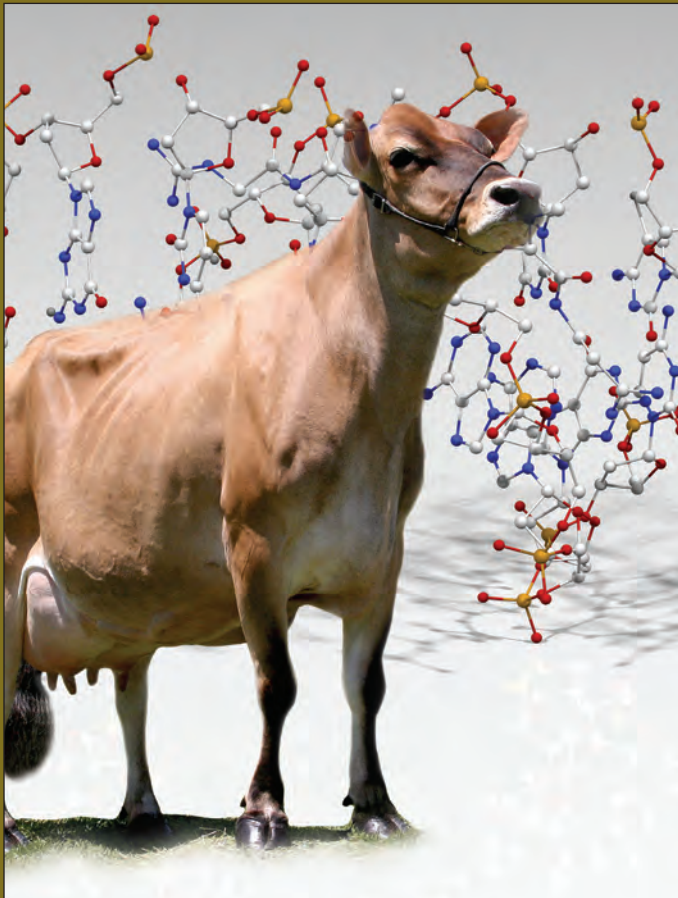


JERSEY GENETIC SUMMARY



About Optimum Age at First Calving

Research reported in the August, 2017 issue of *Journal of Dairy Science* delivered a definitive answer for owners and herd managers about the optimum age at first calving (AFC) for Jerseys.

Based on 19 years of performance records from more than 1.2 million Jersey cows, that optimum age is **20 to 21 months**. Plus, the authors wrote, “It appears that the Jersey herd has almost reached an AFC for the breed, 46% of all calvings at ≤ 21 months, that maximizes production.”

This study sets a clear benchmark for Jersey age at first calving. And because 15 to 20% of total dairy farm costs are in raising herd replacements, it also sheds light on a revenue-enhancing advantage Jerseys bring to U.S. dairy operations. The Jersey average AFC was 22.9 months, compared to 24.5 months for Holstein. Estimated direct cost-savings from earlier calving is \$2.50 per day—not to overlook the obvious fact that the animal starts to generate income earlier.

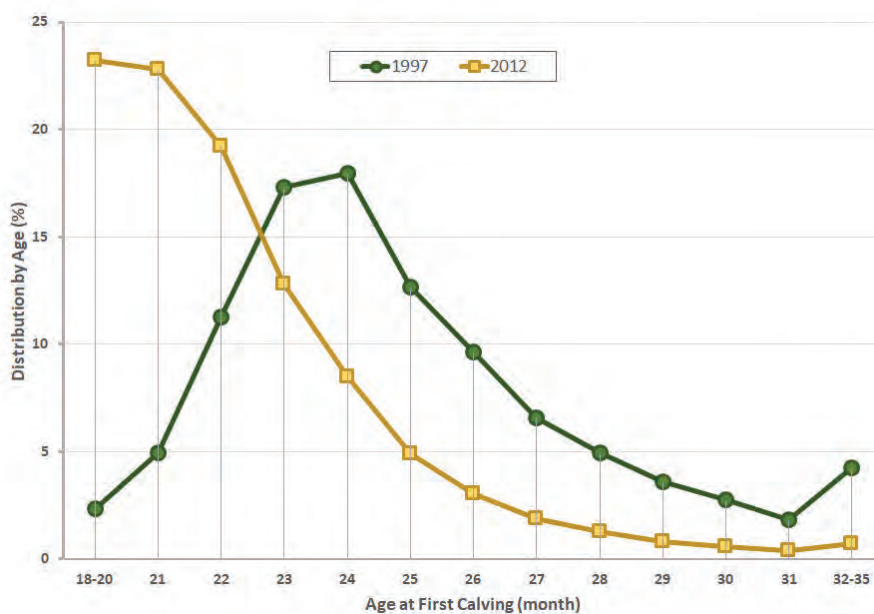
The research group at the Animal Genomics and Improvement Laboratory (AGIL) used CDCB national dairy data about AFC for 13.9 million Holsteins and 1.2 million Jerseys calving between 1997 and 2015. There was a clear trend over that time to earlier breeding. The shift for Jersey AFC is clearly depicted in Figure 1. By 2012, 78% of cows calved at less than 24 months of age and fewer than 3% after 28 months. From 1997 to 2012, there was a four-fold increase in AFC measured at 21 months of age for Jersey and 22 months for Holstein.

The study’s goal was to identify optimum age at first calving as that maximizing average lifetime productive traits. AFC information was analyzed relative to actual milk, fat and protein yield; milk persistency; cow and heifer conception rate plus daughter pregnancy rate; calving ease and still births; then finally, lifetime milk, fat and protein yield, lifetime days in milk and lifetime days open.

The best age groups for maximizing lifetime milk, fat and protein production were 20 and 21 months for Jerseys and 21 and 22 months for Holstein. They had favorable genetic correlations with lifetime Net Merit. Also, these groups had higher fertility measured by CCR, HCR and DPR, plus better calving ease. A statistically significant increase for rate of stillbirths compared to the 24-month baseline was found, but for Jersey it was very small and applied only to the very youngest age category of 18-20 months. In short, selection for the age at first calving that maximized lifetime production “is likely to coincide with improved HCR, productive life, and overall profitability.”

This project went further to explore potential for genomic evaluation of age at first calving. The authors called for “a selection index which includes AFC, maximizes lifetime production and fertility and minimizes stillbirth incidence.” They determined that for Jersey, AFC genomic PTA can be predicted at 51% reliability for young sires and 77% for those that are daughter-proven.

Achieving an optimum age at first calving is a win-win-win for the Jersey breed. For the cow, it is associated with fertility, survivability and productivity. For the operation, it boosts profitability and not just by cutting into the expense of feeding heifers. AFC is a key factor in internal herd growth, providing heifers for herd expansion or increased voluntary culling, or having extra heifers to sell—generating cash for you and, the last win, contributing to Jersey growth in the U.S. dairy population.



JERSEY GENETIC SUMMARY

December 2017

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

Volume 22, Number 3

SECTION I. BACKGROUND INFORMATION

About the Jersey Performance Index™ (JPI)	5
AJCA Pedigree Recording and Registry Status	7
Glossary of Terms.....	4
Heifer and Bull Percentile Rank Levels (<i>P-Levels</i>).....	4
How to Read an Official AJCA Performance Pedigree	110-111

SECTION II. HERD REGISTER or GENERATION COUNT 4-6 AND BBR 100

Top 500 Females (cows, heifers) Ranked by Genomic JPI™.....	10
Top 200 Cows Ranked by Genomic JPI™.....	21
Top 500 Genotyped Heifers Ranked by Genomic JPI™, by sire group	25
Top 100 Polled Females Ranked by Genomic JPI™	38

SECTION III. GENERATION COUNT 3 or GC 4-6 with BBR 93 and LOWER

Top Females (cows, heifers) Ranked by Genomic JPI™.....	42
Top Cows Ranked by Genomic JPI™.....	53
Top Genotyped Heifers Ranked by Genomic JPI™, by sire group	56
Top Polled Females Ranked by Genomic JPI™	67

SECTION IV. HERD REGISTER: TRADITIONAL EVALUATIONS

Top 200 Cows Ranked by Traditional JPI™	70
Top 400 Heifers Ranked by Parent Average JPI™, by sire group	74

SECTION V. GENERATION COUNT 3 THROUGH 6: TRADITIONAL EVALUATIONS

Top Cows Ranked by Traditional JPI™	88
Top Heifers Ranked by Parent Average JPI™, by sire group	92

SECTION VI. HERDS

Top 25% REAP Herds, Ranked by Herd Average JPI™	104
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SECTION VII. REPORTS ONLINE (<http://greenbook.usjersey.com>)

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

All genomic reports in Sections II and III, plus the following reports by Herd Register or Registry Status GR and J3 through J6 status:

- Top 1.5% Cows with GPTAs ranked by Genomic Jersey Performance Index™
- Top 1.5% Heifers Ranked by Genomic Jersey Performance Index™ or Parent Average JPI
- Top 1.5% Cows Ranked by Traditional Jersey Performance Index™

Glossary of Terms

Daughter Pregnancy Rate (DPR), Cow Conception Rate (CCR), Heifer Conception Rate (HCR): Genetic evaluations of fertility. DPR measures 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 measure 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 Abilities (GPTAs): Estimate of genetic merit 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™ (JUI): 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. Described at <http://aipl.arsusda.gov/reference/nmcalc-2017.htm>.

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): Time in the milking herd before removal by voluntary culling, involuntary culling, or death. **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.

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 2014 to 2017, with projections for 2018 and 2019.

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
2014	43	< -6	-6	19	32	42	50	58	66	75	86
2015	56	< 8	8	32	45	54	62	70	78	87	99
2016	70	< 17	17	45	59	69	77	85	94	103	116
2017	87	< 39	39	65	77	86	94	101	109	117	130
2018 <i>projected</i>	98	< 48	48	75	88	98	105	113	121	129	142
2019 <i>projected</i>	111	< 61	61	89	102	111	119	126	135	143	156

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

Birth Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
2014	63	< -1	1	37	54	66	75	83	90	99	111
2015	74	< 2	2	42	61	75	85	96	106	118	132
2016	97	< 13	13	62	88	101	112	121	130	140	158
2017	114	< 30	30	84	107	119	130	140	148	157	169
2018 <i>projected</i>	127	< 41	41	96	120	132	143	152	161	171	186
2019 <i>projected</i>	143	< 53	53	111	137	148	159	169	177	188	203

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, a Feed Efficiency–Body Weight Composite, and Livability—with weights revised for previously included traits. The traits and weights in JPI₂₀₁₇ are PTA protein, 30%; PTA fat, 15%; CFP milk, 8%; Functional Trait Index (*incorporating Jersey Udder Index™, AJCA 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%).

Components Added

Components added to JPI₂₀₁₇ were CFP Milk, the AJCA Body Weight Composite (*December 2017 update*), 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

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*).

components and therefore will lose JPI points.

Body Weight Composite (7% of the index) was introduced in JPI™ in April of 2017 when the Council on Dairy Cattle Breeding added it to Net Merit as a proxy for feed efficiency. The CDCB version was replaced in December, 2017 by Jersey-specific weights developed from analysis of body weight and

type appraisal scores from 1,384 Jersey cows. The AJCA BWC equation predicts body weight for cows as .036 * PTA Stature + 0.57 * PTA Strength + 0.21 * PTA Rump Width - 0.52 * PTA Dairy Form. Compared to the previous, Holstein-based equation, this decreases the weight on strength and increases weighting of the other traits. The

(continued on next page)

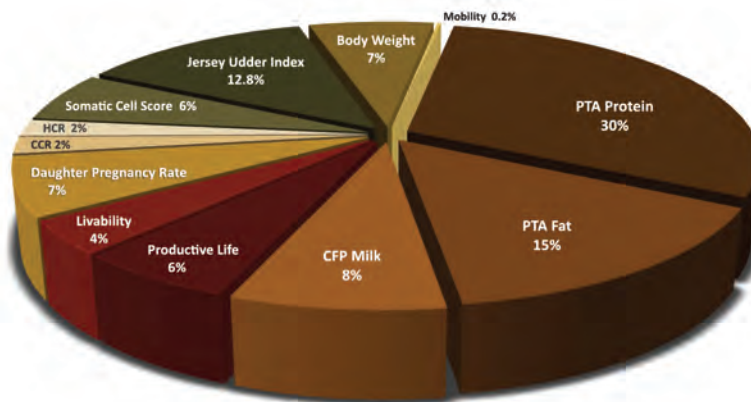


Table 1. History of Traits and Weights (%) Used to Calculate Production Type Index (1998) and Jersey Performance Index™.

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

formula assigns 28% of relative emphasis to stature, 28% to strength, 9% to rump width, and -35% to dairy form because thinner cows weigh less. The penalty of 7% on body size in JPI₂₀₁₇ selects 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 website at www.uscdcb.com/reference.htm.

Jersey Sustainability

By including CFP Milk and a substantial penalty on body size through the AJCA Feed Efficiency–Body Weight Composite, 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.

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 Jersey-specific 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 revisions made in April of 2017, followed by the December update of the Body Weight Composite based on Jersey data, 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.

“Jersey Performance Index₂₀₁₇ is a formula for increasing production and improving milkfat and protein levels in the milk, moderating body weight for greater feed efficiency and sustainability, while at the same time selecting for longer herd life, greater fertility, and better udder health.”

Table 2. Relative weights for specific traits and trait groups in Jersey Performance Index₂₀₁₇, effective December 2017.

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 (-)	2.4
Feed Efficiency	7.0	Dairy Form (+)	2.2
		Stature (-)	1.5
		Rump Width (-)	0.9
		Rump Angle (+)	0.0
		Foot Angle (+)	0.1
Mobility	0.2	Foot Angle (+)	0.1
		Rear Legs (-)	0.1

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:

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

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.

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}.

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

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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.

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 (see Notes)						
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.

Section II

Herd Register or Generation Count 4-6 and BBR 100

Herd Register or Generation Count 4-6 and BBR 100: Top 500 Females by Genomic JPI™ December 2017

Name	Reg #	GT	BBR	JH1	Rec	Rel	GPTA														TYPE							Owner
							Milk	%F	Fat	%P	Prot	CM\$	NM\$	FM\$	GM\$	SCS	PL	DPR	CCR	HCR	Rec	FS	PTAT	JUI	GFI	GJPI		
497 JX FARIA BROTHERS HARRIS 250873 {5}	840003125522934	13K	100	F	1	80	1,368	0.06	77	0.03	55	603	576	516	459	2.86	4.7	-2.2	-1.5	0.6	0	0.6	10.0	7.1	172	FARIA BROTHERS DAIRIES		
498 JX CROSSWIND HARRIS 6431 {5}	840003131543014	9K	100	C	1	78	1,332	-0.03	58	0.03	55	587	559	496	475	2.89	5.6	-0.6	-0.5	0.3	0	1.3	20.3	7.0	172	CROSSWIND JERSEYS		
499 JX AHLEM HARRIS LARA 3692 {5}	067603692	29K	100	F	0	75	1,274	0.05	70	0.03	52	590	563	502	442	2.88	4.5	-2.2	-2.5	0.3	0	2.0	21.2	9.4	172	AHLEM FARMS JERSEYS		
500 JX KASH-IN EUSEBIO 49738 {5}-ET	840003131681934	29K	100	F	0	71	1,193	0.01	59	0.04	52	606	573	501	484	2.82	6.1	-0.8	-0.2	2.6	0	1.5	19.8	6.7	172	SEXING TECHNOLOGIES / SIRE H		

Herd Register or Generation Count 4-6 and BBR 100: Top 500 Heifers for Genomic JPI™ December 2017

This list ranks by GJPI, the top 500 heifers with Herd Register status or that are Generation Count 4 to 6 with a BBR of 100. The list is organized by sire groups. Heifers must be no older than three years of age on December 1, 2017 and not have a GPTA based on lactation information. Genotype source is identified by chip density in the column labeled GT.

Name	Reg #	GT	BBR	JH1	Rel	GJPI	GPTA										Dam	Dam Score	Owner	
							Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				GFI
Daughters of AHLEM AXIS BANCROFT-ET AJCA: JEUSA000073409475 (GT) JH1F JH2F NAAB: 29JE3991																				
JX JER BEL BANCROFT ADELINE (6)	119963766	9K	100	F	65	205	1,404	55	53	2.84	8.4	1.0	1.9	3.3	1.4	21.1	8.7	JX JER BEL VISIONARY ASPEN (5)	91	KING HOWARD & FAMILY
AHLEM BANCROFT HARMONY 50863	075850863	9K	100	F	65	188	1,095	51	41	2.78	8.3	1.1	1.8	1.7	1.9	24.4	8.5	AHLEM PHAROAH HARMONY 43640	81	SEXING TECHNOLOGIES / ACC
JX AHLEM BANCROFT DIXIE 51279 (5)	075851279	9K	100	F	64	187	688	55	38	2.87	7.8	0.8	1.3	1.8	1.9	27.9	7.6	JX AHLEM PROP JOE DIXIE 47139 (4)-ET	78	AHLEM FARMS PARTNERSHIP
JX CAL-MART BANCROFT CAMY 9414 (6)	067389414	45K	100	F	67	179	778	70	41	2.84	7.1	-1.1	0.2	1.5	1.5	18.2	9.7	JX CAL-MART HARRIS CARLA 7598 (5)	79	MARTIN DAIRY LLC
JX WILSONVIEW BANCROFT SLEIGH (6)	119929308	45K	100	F	67	175	764	64	40	2.85	7.0	1.3	1.3	1.9	0.5	5.0	8.3	JX WILSONVIEW HI SKY (5)	90	WILSONVIEW DAIRY
FOREST GLEN BANCROFT DIVINE	067753505	45K	100	F	66	175	832	63	39	2.98	6.6	2.2	2.8	0.5	0.7	8.4	7.1	FOREST GLEN MAGNUMS DIVINE	73	BANSEN, DAN K
JX FOREST GLEN BANCROFT HALEY (6)	067753016	45K	100	F	66	171	1,754	59	64	3.13	4.6	-1.9	-0.4	1.1	1.2	13.8	8.1	JX FOREST GLEN HARRIS HALEY (5)		FOREST GLEN JERSEYS
Daughters of AHLEM AXIS COMANCHE-ET AJCA: JEUSA000073409554 (GT) JH1F JH2F NAAB: 1JE928																				
OAK LANE COMANCHE 2172-ET	067742172	45K	100	F	66	182	1,168	56	46	2.91	8.3	0.1	1.7	2.9	1.7	17.4	9.3	OAKLANE CHISEL DAISY 2126-ET		OAK LANE JERSEYS
AHLEM BROTHERS COMANCHE 36861	840003138397525	9K	100	F	66	174	1,481	64	54	2.90	6.7	-1.5	0.0	1.0	1.4	11.9	8.3	AHLEM BROTHERS PAUL 29464	81	AHLEM BROTHERS
OAK LANE COMANCHE 2174-ET	067742174	45K	100	F	67	173	782	55	34	2.98	9.0	0.9	1.5	2.2	2.0	24.9	9.6	OAKLANE CHISEL DAISY 2126-ET		OAK LANE JERSEYS
Daughters of AHLEM HEADLINE PHAROAH 21795 AJCA: JEUSA000068951429 (GT) JH1F JH2F NAAB: 7JE1221																				
JX CAL-MART PHARO MAGY 8970 (6)	067708970	45K	100	F	69	182	1,067	62	45	2.93	7.9	-0.3	-0.2	1.0	1.7	22.1	7.6	JX CAL-MART WHITE MANRA 7909 (5)	77	MARTIN DAIRY LLC
CAL-MART PHAROAH GINJA 8800	067308800	29K	100	F	70	178	1,227	57	42	2.92	6.2	2.0	2.8	3.5	1.3	11.9	7.8	CAL-MART BLADE GISEEL 7009	76	MARTIN DAIRY LLC
JX CAL-MART PHARO BLIS 9047 (6)	067709047	45K	100	F	70	171	1,284	47	52	2.98	5.7	0.2	1.6	1.5	1.5	14.5	8.5	JX CAL-MART HARRIS BELLE 7966 (5)	79	MARTIN DAIRY LLC
Daughters of AHLEM VALENTINO REGAL AJCA: JEUSA000068951469 (GT) JH1F JH2F NAAB: 11JE1152																				
CDF REGAL CRITIC 14638	840003130653608	29K	100	F	71	172	643	64	51	3.01	5.4	-1.4	-1.0	1.5	1.3	13.2	9.5	CDF CRITIC VALOR T4578	86	C & S LIVESTOCK
Daughters of ALL LYNNS LEGAL VOLCANO-ET AJCA: JEUSA000117222807 (GT) JH1F JH2F NAAB: 29JE3762																				
AHLEM VOLCANO CORA 11163	075311163	29K	100	F	71	182	1,362	62	47	2.76	6.6	-0.5	0.6	3.2	1.5	14.5	8.5	AHLEM HENRICO CORA 40725	80	AHLEM FARMS JERSEYS
Daughters of BLUE MIST VISIONARY METHOD AJCA: JEUSA000118440510 (GT) JH1C JH2F NAAB: 14JE666																				
CINNAMON RIDGE METHOD BULGARIA	119777938	29K	100	F	68	195	868	75	51	2.80	7.5	-0.6	-0.1	1.5	1.3	10.1	7.7	HILMAR MAGNUM 43054	86	STEINER, MATTHEW
JX VAN DELL METHOD 376 (4)	067360376	9K	100	F	64	182	1,282	53	57	2.99	7.3	-0.6	0.8	1.9	1.0	16.0	5.8	JX VAN DELL REVOLUTION 251 (3)		VANDELL FARMS INC
Daughters of BW FASTRACK-ET AJCA: JEUSA000117460119 (GT) JH1F JH2F NAAB: 7JE1190																				
CAL-MART FASTRACK WYN 8375	067368375	29K	100	F	69	197	523	83	38	2.91	8.1	1.4	1.6	1.5	1.5	18.6	7.3	CAL-MART VOLCANO WELDA 7290	85	MARTIN DAIRY LLC
Daughters of CAL-MART BARRICADE AJCA: JEUSA000067384455 (GT) JH1F JH2F NAAB: 29JE4044																				
JX ABS 4360 TINA (4)-ET	840003146074360	45K	100	F	63	204	1,208	69	52	2.71	7.5	-0.2	0.6	1.1	1.6	18.4	6.0	JX TAYLOR BROTHERS BARKSDALE 6958 (3)-ET		ABS GLOBAL INC
JX ABS BARRICADE 4359 (4)-ET	840003146074359	45K	100	F	63	191	1,048	65	46	2.69	8.3	0.0	0.6	2.7	1.1	12.8	6.0	JX TAYLOR BROTHERS BARKSDALE 6958 (3)-ET		ABS GLOBAL INC
PINE-TREE BARRICADE 2580 1624-ET	067671624	45K	100	F	66	178	936	82	42	2.82	4.7	-1.0	0.1	3.1	1.9	16.8	8.1	SUNSET CANYON VOLCANO A DAFFY-ET	85	STEINER, MATTHEW
CAL-MART BARICAD CATE 9399	067389399	45K	100	F	65	175	286	64	30	2.81	7.8	1.6	2.5	2.6	0.9	16.9	6.8	CAL-MART CRIS CODEE 7718	79	MARTIN DAIRY LLC
Daughters of CAL-MART PILGRIM TAD AJCA: JEUSA000067294424 (GT) JH1F JH2F NAAB: 1JE944																				
CAL-MART TAD PRISSY 9204	067709204	45K	100	F	66	194	795	60	46	2.88	6.8	2.3	2.5	3.6	1.4	17.2	7.7	CAL-MART KINDLE PORA 6743	83	SEXING TECHNOLOGIES / ACC
RIVER VALLEY TAD BUTTONS 18529-ET	173044153	45K	100	F	65	181	689	66	44	2.95	7.4	0.6	1.6	2.5	1.2	15.8	7.7	AHLEM GENOMINT BUTTONS 1411	86	RIVER VALLEY FARM
Daughters of CDF IRWIN STEVE AJCA: JE840003006436334 (GT) JH1C JH2F NAAB: 11JE1259																				
HILMAR STEVE 205	840003132247868	14K	100	C	66	184	873	69	43	2.89	8.0	0.3	0.5	2.9	1.3	13.2	9.6	HILMAR BINGO 48221-P		AHLEM, CHARLES

Table with columns: Name, Reg #, GT, BBR, JH1, Rel, GJPI, Milk, Fat, Prot, SCS, PL, DPR, CCR, HCR, PTAT, JUI, GFI, Dam, Dam Score, Owner. Rows include JX SEXING 82273 (4), JX FOREST GLEN GOT MAID AMELIA (6)-ET, JX FOREST GLEN GOT MAID MARA (6)-ET, JX FOREST GLEN GOT MAID GENA (6)-ET, JX KASH-IN GOT MAID 53360 (6)-ET, JX MM GOT MAID 2312 (6), JX SEXING 82026 (5)-ET, JX SUNSET CANYON GM H DIXIE 3005 (6), JX FOREST GLEN GOT MAID TIA (4)-ET, JX KASH-IN GOT MAID 52828 (5)-ET, JX MM GOT MAID 2063 (6), JX MM GOT MAID 2139 (6), JX SUNSET CANYON GM MAID 3053 (6)-ET, JX KASH-IN GOT MAID 53324 (6)-ET, JX SEXING 79297 (6)-ET, JX MM GOT MAID 2305 (6), JX FOREST GLEN GOT MAID LINSEY (5)-ET, JX SUNSET CANYON GM S MAID 2907 (6)-ET, JX SEXING 82303 (6)-ET, JX DUPAT GOT MAID 17634 (6)-ET, JX KASH-IN GOT MAID 52858 (6)-P-ET, JX MM GOT MAID 2085 (6), JX SUNSET CANON GM S MAID 2912 (6)-ET, JX JER-Z-BOYZ GOT MAID 59301 (6), JX JER-Z-BOYZ GOT MAID MADE 58516 (6), JX SUNSET CANYON GM DAFFY 3041 (6)-P-ET, JX FOREST GLEN GOT MAID JUDD (6)-ET, JX DUPAT GOT MAID 17670 (6)-ET.

Daughters of KASH-IN SLUGGER-P-ET AJCA: JE840003126536278 (GT) JH1F JH2F NAAB: 7JE1526. Row: JX KASH-IN SLUGGER 52800 (6)-ET.

Daughters of KASH-IN SMACK-P-ET AJCA: JE840003126234073 (GT) JH1F JH2F NAAB: 7JE1476. Row: JX FARIA BROTHERS SMACK 329134 (4)-P-ET.

Daughters of MFW SPARKY IMPISH-ET AJCA: JEUSA000119052516 (GT) JH1F JH2F NAAB: 29JE3987. Row: JX AVI-LANCHE IMPISH ARISTOC 16884 (6).

Daughters of MISSISKA MACKENZIE-ET AJCA: JECAN000107987355 (GT) JH1F JH2F NAAB: 200JE1007. Rows: JER-Z-BOYZ MACKENZIE 57164, MM MACKENZIE 1262, JX MM MACKENZIE 171 (4), JX MM MACKENZIE 23134 (5), JX PROGENESIS TRILLIUM (6), CAL-MART MACK RANA 8147.

Daughters of OAKLANE DAZZLER DISCO 2127-ET AJCA: JEUSA000067742127 (GT) JH1F JH2F NAAB: 7JE1528. Rows: JX KASH-IN DISCO 52642 (6)-ET, JX DUPAT DISCO 17782 (6)-ET, JX RIVER VALLEY DISCO CHERITA 5154 (6)-ET, JX DUPAT DISCO 17809 (6)-ET, JX MFW DISCO PICNIC (6)-ET.

Name	Reg #	GT	BBR	JH1	Rel	GJPI	Milk	Fat	Prot	GPTA										Dam	Score	Owner
										SCS	PL	DPR	CCR	HCR	PTAT	JUI	GFI	Dam				
Daughters of SUNSET CANYON DAYBREAK-ET AJCA: JEUSA000117250114 (GT) JH1F JH2F NAAB: 29JE3768																						
CAL-MART DAYBREAK HALY 8573	067368573	29K	100	F	71	181	506	36	34	2.88	9.2	2.6	3.8	4.4	1.2	17.5	8.5	CAL-MART VISIONARY HOLLIE 6764	75	MARTIN DAIRY LLC		
JX PINE-TREE DAYBREAK ANYA {5}-ET	067731411	29K	100	F	69	176	1,045	67	49	3.12	6.4	0.2	0.5	3.1	0.9	12.1	7.5	JX JER BEL ABBY ALEVE {4}-ET		STEINER, MATTHEW		
JX PINE-TREE DAYBREAK ALEVE {5}-ET	067731408	29K	100	F	69	176	991	59	47	3.07	8.0	0.6	1.3	3.0	1.2	11.6	7.3	JX JER BEL ABBY ALEVE {4}-ET		STEINER, MATTHEW		
FOREST GLEN DAYBREAK SUNNI	075331905	29K	100	F	71	175	121	57	29	2.88	8.2	1.9	2.6	3.5	1.0	16.9	7.6	FOREST GLEN ZUMAS SUNNY	88	BANSEN, DAN K		
AHLEM DAYBREAK CAROL 49794	067749794	45K	100	C	70	172	415	67	35	3.09	6.0	1.1	1.9	4.3	1.3	15.0	8.9	AHLEM CHILI CAROL 45318-ET	78	AHLEM FARMS PARTNERSHIP		
Daughters of SUNSET CANYON DIMENSION-ET AJCA: JEUSA000117168914 (GT) JH1F JH2F NAAB: 7JE1149																						
JX SHOT OF NAT DIMENSION ANNLEA {5}-ET	075801117	29K	100	F	69	189	173	70	41	2.88	6.8	1.4	2.2	2.0	0.6	16.8	6.9	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	SHOT OF NAT LLC		
JX SHOT OF NAT DIMENSION AGATHA {5}-ET	075801124	29K	100	F	68	183	205	67	33	2.85	6.8	1.0	1.6	3.1	1.0	23.0	6.2	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	SHOT OF NAT LLC		
TOG GRETA T777 8424-ET	840003140986699	45K	100	F	69	175	-48	70	40	2.88	6.5	-2.3	-0.7	3.5	1.0	15.9	7.8	TOG LOCUST S487 8030-ET		TRANS-OVA GENETICS		
Daughters of SUNSET CANYON MACHETE-ET AJCA: JEUSA000117324107 (GT) JH1F JH2F NAAB: 1JE792																						
SUN VALLEY MACHETE JERZEE-ET	119990915	45K	100	F	70	174	581	70	45	3.03	5.6	0.6	1.5	3.4	1.1	12.0	7.5	SUN VALLEY DIMENSION JERSEE	90	SUN VALLEY FARM		
Daughters of TJF VISIONARY REGENCY AJCA: JEUSA000067248196 (GT) JH1F JH2F NAAB: 14JE662																						
FOREST GLEN REGENCY BON BON	067862318	29K	100	F	69	176	319	50	40	2.91	7.7	0.5	2.4	4.1	1.5	22.8	8.3	FOREST GLEN DIMENSION BON BON	84	BANSEN STANLEY K & DORA H		
JX SHOT OF NAT REGENCY AGNES {5}-ET	075801123	29K	100	F	69	174	713	58	41	2.98	6.4	1.7	3.0	2.6	1.5	23.9	8.0	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	SHOT OF NAT LLC		
SANDCREEKS REGENCY MAGDELINE-ET	840003136310314	13K	100	F	69	173	841	55	41	2.86	7.8	0.1	1.6	2.6	1.7	19.2	8.5	AHLEM PHAROAH MAGGIE 45070-ET	81	HAYWOOD, ETHAN		
Daughters of TOG ALTABLITZ-ET AJCA: JE840003126218629 (GT) JH1F JH2F NAAB: 11JE1320																						
TOG FIG U772 8364-ET	840003140986510	45K	100	F	67	184	1,201	55	48	2.70	6.8	-1.2	-0.3	1.6	1.5	21.4	8.6	TOG TAYLOR P457 7634-ET		TRANS-OVA GENETICS		
TOG FLOYD 35202-ET	840003143021832	45K	100	F	67	182	809	53	33	2.68	7.9	1.0	1.8	3.0	1.7	22.8	8.5	TOG TAYLOR P457 7634-ET		TRANS-OVA GENETICS		
TOG BEATLES T875 8489-ET	840003140986330	45K	100	F	66	180	801	46	42	2.69	8.4	0.4	1.4	3.2	0.9	7.7	8.1	TOG LISA S655 8105-ET		TRANS-OVA GENETICS		
TOG KEIRA 35176-ET	840003143021806	45K	100	F	64	178	612	48	35	2.73	7.5	1.4	2.9	3.7	1.1	8.5	7.4	TOG FLASH R381 7702-ET	82	TRANS-OVA GENETICS		
TOG MARTINA T088 8200-ET	840003139851616	29K	100	F	65	174	905	66	38	2.84	8.5	-0.1	0.7	2.5	1.1	12.1	7.9	TOG CARA P052 7561-ET		TRANS-OVA GENETICS		
TOG GRAPE U774 8365-ET	840003140986506	45K	100	F	66	173	326	52	30	2.80	8.1	1.9	3.3	3.6	1.3	13.0	7.9	TOG JANIE P363 7581-ET	80	TRANS-OVA GENETICS		
Daughters of VERJATIN WESTSTAR-ET AJCA: JECAN000109411770 (GT) JH1F JH2F NAAB: 200JE1064																						
RIVER VALLEY WSTAR MACNCHEZ 2629-ET	067552629	45K	100	F	65	183	638	63	40	2.76	8.2	1.0	1.1	0.9	1.7	16.9	7.2	JER-Z-BOYZ MACNCHEZ 48947-ET	87	RIVER VALLEY FARM		
Daughters of WILSONVIEW PHAROAHS MONUMENT AJCA: JEUSA000118644165 (GT) JH1F JH2F NAAB: 1JE896																						
JX WILSONVIEW MONUMENT STAR {6}	119874783	29K	100	F	67	185	1,063	65	42	2.87	7.3	1.0	1.1	2.7	1.0	16.1	6.8	JX WILSONVIEW SPARKYS SCARLETT {5}	83	WILSONVIEW DAIRY		
CAL-MART MONUMENT JANAN 8960	067708960	45K	100	F	67	181	1,608	47	48	2.83	6.7	1.4	2.1	1.9	1.3	21.2	7.7	JX CAL-MART PILGRIM JOSEY 7264 {6}	80	MARTIN DAIRY LLC		
RIVER VALLEY MONMNT BUTTONS 4573-ET	067404573	29K	100	F	68	178	658	60	38	2.80	6.5	0.8	2.3	2.8	1.1	13.2	8.6	AHLEM VOLCANO BUTTONS 42731	91	RIVER VALLEY FARM		

Herd Register or Generation Count 4-6 and BBR 100: Top 100 Polled Females by Genomic JPI™ December 2017

GJPI	Name	Reg #	GT	BBR	JH1	CCN	Rec	Rel	GPTA										TYPE							Owner		
									Milk	%F	Fat	%P	Prot	CM\$	NM\$	FM\$	GM\$	SCS	PL	DPR	CCR	HCR	Rec	FS	PTAT		JUI	GFI
77	151 JX FARIA BROTHERS SMACK 329389 {4}-P	840003139898474	45K	100	F		0	71	1,063	0.02	55	-0.02	35	517	505	481	495	2.81	5.0	2.2	2.0	0.2	0	0.4	9.4	6.9	FARIA DAIRY	
78	151 SUN VALLEY MACKENZIE PANZIE-P-ET	119534304	29K	100	F	3789	1	78	149	0.32	71	0.12	29	559	520	429	416	3.03	5.1	-1.7	-1.3	1.9	0	83	2.3	26.7	8.1	SUN VALLEY FARM
79	150 JX WILSONVIEW HARRIS BUMBLE {5}-P	119258088	13K	100	F	2662	1	78	1,008	0.10	68	0.07	51	527	493	415	398	3.03	3.1	-2.0	-1.5	1.4	1	80	0.8	12.5	7.7	WILSONVIEW DAIRY
80	150 JX RIVER VALLEY OLIVER SECESS 1896 {6}-PP	840003133234775	45K	100	F		0	75	1,263	0.03	67	0.00	46	553	539	510	411	3.00	4.9	-2.5	-2.4	-0.3	0	1.8	16.3	8.4	RIVER VALLEY FARM	
81	150 JX KASH-IN EUSEBIO 49883 {5}-P-ET	840003131682079	29K	100	F		0	71	846	0.13	66	0.06	42	533	502	431	382	2.88	4.6	-2.7	-1.8	1.7	0	1.6	23.0	6.2	RANCHO TERESITA DAIRY	
82	150 FOREST GLEN VIPER MARTHA {5}-P	067862898	45K	100	F		0	74	953	-0.02	42	0.03	40	489	466	415	431	2.85	5.1	0.7	1.6	1.9	0	1.2	16.4	7.4	FOREST GLEN JERSEYS	
83	150 PRIMUS VALERGO LMNHD 303-P-ET	840003132247966	45K	100	F		0	70	285	0.21	56	0.09	28	527	496	424	419	3.03	5.3	-0.5	-0.2	0.4	0	2.3	35.2	8.5	JERSEYLAND SIRE	
84	150 JX AHLEM VIABULL MELODY 13032 {6}-P	075813032	45K	100	F		0	74	588	0.06	40	0.01	24	545	525	482	455	2.67	9.1	1.2	0.8	0.5	0	0.9	12.0	7.2	AHLEM FARMS JERSEYS	
85	149 JX PROGENESIS EUS MARION {5}-P-ET	109907972	45K	100	F		0	69	839	0.14	69	0.05	40	531	507	450	382	2.97	5.1	-2.6	-1.7	1.5	0	1.2	21.6	6.1	D MACKINNON FARM LTD	
86	149 AHLEM VAST BLESSING 50228-P	075850228	45K	100	F		0	72	1,266	-0.03	53	-0.03	39	514	511	506	444	2.98	5.5	-0.1	0.1	1.6	0	1.3	16.2	9.0	AHLEM FARMS PARTNERSHIP	
87	149 JX HEINZ WHITE MAID 9566 {5}-P	840003134387338	29K	100	F		0	75	40	0.31	63	0.13	27	557	509	399	407	2.83	6.5	-1.0	-1.7	0.8	0	0.8	16.9	7.9	HEINZ, LLOYD	
88	149 JER-Z-BOYZ LISTOWEL 58374-P	173032172	45K	100	F		0	69	229	0.21	53	0.09	26	557	520	435	479	2.83	6.8	1.4	1.6	2.2	0	0.7	12.0	6.4	JER-Z-BOYZ	
89	149 FANELLI VALERGO 903-P-ET	173082168	9K	100	F		0	69	174	0.25	58	0.07	21	530	507	453	430	3.08	7.3	0.0	-0.1	0.8	0	2.4	39.4	9.6	FANELLI DAIRY	
90	148 CAL-MART BARICAD CORYN 9362-P	067389362	45K	100	F		0	70	496	0.23	70	0.07	33	536	506	434	448	2.96	4.6	-0.2	0.6	1.6	0	1.1	10.9	5.7	MARTIN DAIRY LLC	
91	148 AHLEM VIABULL BEAUTY 47316-P-ET	067647316	29K	100	F		0	75	717	0.07	49	0.00	26	500	487	460	397	2.82	6.8	-0.7	-0.4	0.6	1	82	1.2	21.8	8.5	AHLEM FARMS PARTNERSHIP
92	147 JX TLJ RADICAL L BEAKER 2350 {5}-P	067662350	45K	100	C		0	69	1,967	-0.21	47	-0.05	60	525	523	519	425	2.96	5.5	-1.3	-0.4	0.7	0	1.4	8.6	5.8	LEHNERTZ, TRAVIS	
93	147 JX SANDCREEKS HARRIS FIGMENT {5}-P-ET	840003132381933	13K	100	F	2644	0	75	1,297	0.01	64	0.01	49	504	486	446	360	2.95	4.1	-3.1	-2.7	0.9	0	1.2	13.8	8.1	SAND CREEK DAIRY LLC	
94	147 DUPAT VERN 15683-P-ET	840003133238819	29K	100	F		0	75	862	0.12	65	0.04	40	523	500	448	410	3.02	5.2	-1.2	-0.5	1.2	0	0.6	10.5	8.8	WICKSTROM JERSEY FARMS IN	
95	147 PROGENESIS DOWNIE-P-ET	012311710	29K	100	F		0	70	690	0.12	57	0.07	39	527	494	418	413	2.90	5.6	-0.6	-0.2	1.6	0	1.0	7.9	7.9	THE SEMEX ALLIANCE	
96	147 JX AHLEM EUSEBIO CHERRY 13678 {5}-P	067913678	9K	100	F		0	68	751	0.13	62	0.04	36	537	510	449	378	2.84	5.3	-2.5	-2.7	0.1	0	1.8	23.0	6.8	AHLEM FARMS JERSEYS	
97	147 JX ALL LYNN'S LISTOWEL VASILIS {5}-P	119967283	45K	100	F		0	71	516	0.20	65	0.08	34	533	498	416	456	2.85	5.5	1.0	1.7	1.1	0	0.8	4.7	7.7	POULIN FARMS	
98	146 JX JCJ VERN 36189 {6}-P	840003138396853	29K	100	F		0	75	777	0.04	46	0.03	34	523	504	461	437	2.95	7.3	0.5	0.3	2.2	0	0.7	12.4	8.9	AHLEM, JAMES	
99	146 JX AVI-LANCHE ISAAC BELLE 16611 {6}-P	840003131651491	45K	100	F		0	75	746	0.03	42	0.02	31	505	487	448	451	2.86	6.8	1.6	2.0	0.9	0	0.7	11.1	7.6	AVILA RICHARD & JENNIFER	
100	146 JER-Z-BOYZ LISTOWEL MAE 58646-P	173044685	45K	100	F		0	71	288	0.17	47	0.07	25	537	505	432	458	2.84	7.2	1.3	1.5	2.0	0	1.1	11.2	8.3	JER-Z-BOYZ	

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: Top Females by Genomic JPI™ (GJPI) December 2017

Name	Reg #	GT	BBR	JH1	Rec	Rel	GPTA														TYPE						Owner
							Milk	%F	Fat	%P	Prot	CM\$	NM\$	FM\$	GM\$	SCS	PL	DPR	CCR	HCR	Rec	FS	PTAT	JUI	GFI	GJPI	
496 JX FARIA BROTHERS VISIONARY 225283 {3}-ET	840003011856765	80K	92	C	2	82	1,424	-0.09	49	0.04	59	575	545	478	475	2.88	5.7	-0.1	1.2	1.2	1	85	1.0	16.2	5.8	173	FARIA BROTHERS DAIRIES
497 JX SEXING 76162 {3}-ET	840003132349996	29K	92	F	0	72	1,745	-0.09	64	-0.02	58	602	593	576	529	3.05	5.7	0.3	0.9	2.5	0	0.8	9.8	5.1	173	SEXING TECHNOLOGIES / ACCOUN	
498 JX FARIA BROTHERS HARRIS 252174 {3}	840003125524235	13K	100	F	2	81	1,373	0.10	86	0.04	57	628	597	528	459	2.84	4.6	-2.9	-2.4	0.1	1	82	1.3	8.0	7.8	173	FARIA BROTHERS DAIRIES
499 JX FARIA BROTHERS GSP 299486 {3}	840003135161337	13K	100	F	0	71	1,134	0.11	76	0.06	54	618	584	506	483	2.92	5.5	-1.0	-1.9	-0.2	0	1.3	10.7	6.2	173	FARIA BROTHERS DAIRIES	
500 JX MM TYRION 2064 {3}	840003146677876	45K	86	F	0	45	1,189	0.12	82	0.05	53	626	601	544	546	3.15	5.2	0.7	0.5	0.8	0	1.2	9.5	0.6	173	MISTY MEADOW DAIRY	

Name	Reg #	GT	BBR	JH1	Rec	Rel	Milk	%F	Fat	%P	Prot	GPTA				TYPE										Owner	
												CM\$	NM\$	FM\$	GM\$	SCS	PL	DPR	CCR	HCR	Rec	FS	PTAT	JUI	GFI		GJPI
102 JX ROWLEYS 883 HARRIS 1459 {5}	067591459	13K	93	F	1	77	1,447	0.03	75	-0.02	47	541	525	492	429	2.69	3.8	-1.5	-1.5	-0.8	0	0.5	8.4	5.5	155	ROWLEY, STEVE	
103 JX FOUR J DANIELS 19030 {3}	840003129218792	13K	100	C	0	74	1,089	0.00	51	0.00	39	525	510	476	416	2.81	6.4	-1.0	-0.9	0.1	1	80	1.7	25.4	6.2	155	FOUR J JERSEYS
104 JX AVI-LANCHE PILGRIM GINA 13478 {5}	067613478	13K	93	F	2	78	507	0.17	59	0.10	39	548	509	418	496	3.01	5.0	2.1	3.6	3.4	3	72	0.2	4.8	5.2	155	JERSEYLAND SIRES
105 JX FARIA BROTHERS HILARIO 225845 {3}-ET	840003011856203	80K	100	F	3	83	534	0.27	80	0.07	34	599	565	488	469	2.85	5.8	-0.4	-1.1	0.3	2	87	0.8	5.6	6.3	155	FARIA BROTHERS DAIRIES
106 JX FARIA BROTHERS HARRIS 266828 {3}	840003128719406	13K	92	F	1	79	1,639	-0.06	65	0.01	60	516	498	458	408	3.01	3.3	-1.9	-1.0	0.6	1	74	1.0	13.7	6.4	154	FARIA BROTHERS DAIRIES
107 JX FARIA BROTHERS VICTORY 227481 {3}-ET	840003011854567	8K	93	F	3	82	1,361	0.08	82	-0.02	44	571	566	555	473	3.00	4.0	-1.0	-0.9	0.2	0	0.9	7.1	5.6	154	FARIA BROTHERS DAIRIES	
108 JX DUTCH HOLLOW MARLO BOUNCE {3}	840003126920488	29K	91	F	0	74	1,145	0.00	55	0.01	44	547	533	500	481	3.07	5.9	0.8	0.5	1.9	0	1.4	11.8	6.0	154	DUTCH HOLLOW FARM	
109 JX CAL-MART LEONEL VARDA 7989 {4}	067357989	13K	92	F	1	78	927	0.02	49	0.04	42	529	502	443	416	2.88	5.6	-0.7	-1.2	0.8	0	78	1.5	18.7	5.9	154	MARTIN DAIRY LLC
110 JX REFUGE MARLO 5384 {3}	119538830	13K	100	F	1	77	857	0.05	52	0.03	37	570	548	498	512	2.88	6.7	2.0	1.3	1.0	0	1.1	6.9	5.7	154	REFUGE DAIRY	
111 JX FARIA BROTHERS VISIONARY CAFU {3}	840003011206003	6K	100	C	3	83	1,784	-0.15	53	-0.03	57	510	504	494	430	3.00	4.6	-0.8	0.3	3.0	2	84	1.2	6.7	6.3	153	FARIA BROTHERS DAIRIES
112 FARIA BROTHERS VERNON 231354 {3}	840003013123883	8K	100	F	3	81	1,277	0.05	72	0.03	52	554	536	496	476	3.15	3.2	0.0	-0.1	-0.1	0	0.4	5.4	4.2	153	FARIA BROTHERS DAIRIES	
113 JX FARIA BROTHERS FORMIDABLE 271427 {3}	840003131448109	50K	91	F	1	79	1,473	-0.08	53	-0.05	43	535	538	545	511	3.03	6.4	1.8	2.8	2.8	0	0.7	8.9	4.4	153	FARIA BROTHERS DAIRIES	
114 JX TAYLOR BROTHERS PROP JOE 6909 {4}	840003132122893	13K	90	F	1	78	920	0.17	79	0.04	42	562	534	473	467	2.89	4.0	-0.2	-0.6	0.4	1	77	1.1	3.2	5.6	153	TAYLOR BROTHERS
115 JX FOREST GLEN BARKSDALE CARI {3}	067609889	99K	100	F	1	78	809	0.09	56	0.04	37	563	542	493	446	2.96	6.5	-0.6	-1.0	1.2	0	82	1.7	19.7	6.3	153	FOREST GLEN JERSEYS
116 FOUR J GAMEDAY 18054 {3}	840003125974878	13K	100	F	1	79	623	0.11	51	0.07	37	510	476	398	388	2.83	4.7	-1.0	-1.4	-0.2	1	87	1.9	31.8	8.8	153	FOUR J JERSEYS
117 JX CROSSWIND MARLO 6497 {3}	840003131543080	29K	92	F	0	74	385	0.21	60	0.06	26	563	538	479	472	2.95	7.2	0.3	0.7	2.8	0	1.6	20.5	5.3	153	CROSSWIND JERSEYS	

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Top Heifers for Genomic JPI™ December 2017

This list ranks by GJPI, the top 500 heifers recorded at Generation Count 3 or GC 4 through 6 with a BBR of 93 and lower. The list is organized by sire groups. Heifers must be no older than three years of age on December 1, 2017 and not have a GPTA based on lactation information. Genotype source is identified by chip density in the column labeled GT.

Name	Reg #	GT	BBR	JH1	Rel	GJPI	GPTA										Dam	Score	Owner	
							Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				GFI
Daughters of CDF SANGITA-ET AJCA: JE840003124584857 (GT) JH1F JH2F NAAB: 7JE1437																				
JX SMJ SANGITA WINKY {3}	067481834	45K	90	F	58	179	1,090	56	49	2.87	7.8	-0.4	-0.6	2.2	1.4	20.4	4.1	JX SMJ MARTRA WHISTLE {2}	81	SILVER MAPLE FARMS INC
Daughters of CDF VICEROY-ET AJCA: JE840003002447507 (GT) JH1F JH2F NAAB: 11JE1179																				
RED TOP VICEROY 34441 {3}	840003133446689	9K	100	F	68	207	1,060	84	49	2.94	8.3	-0.2	0.5	2.5	1.8	21.6	7.6	RED TOP MARVEL 27349 {2}	79	RED TOP JERSEYS
JX AVI-LANCHE VICEROY SYRIA 16144 {3}	840003131651024	29K	92	F	62	186	1,336	76	46	3.08	6.6	2.0	2.7	2.7	1.2	13.9	3.1	JX AVI-LANCHE METALICA SYRIA 13188 {2}	87	AVILA RICHARD & JENNIFER
Daughters of CO-OP AD WORLD CUP {5}-ET AJCA: JE840003126073776 (GT) JH1F JH2F NAAB: 1JE935																				
JX FARIA BROTHERS WORLD CUP EL PASO {3}-	840003141972991	45K	100	F	64	200	489	69	44	2.85	8.3	1.0	0.7	2.7	1.3	17.4	5.8	JX FARIA BROTHERS HILARIO 222351 {2}-ET	84	SEXING TECHNOLOGIES / ACC
JX FARIA BROTHERS WORLD CUP 352183 {3}-ET	840003143561643	29K	93	F	63	175	810	59	43	2.90	6.6	0.6	0.9	4.1	1.0	17.1	5.9	JX FARIA BROTHERS IRWIN 225400 {2}-ET	80	FARIA BROTHERS DAIRIES
Daughters of DP NXLEVEL-ET AJCA: JEUSA000119095209 (GT) JH1F JH2F NAAB: 200JE1035																				
JX FARIA BROTHERS NXLEVEL 310102 {3}-ET	840003138448229	29K	100	F	64	176	717	72	43	2.93	6.2	0.2	0.4	2.1	1.5	16.5	6.1	JX FARIA BROTHERS IRWIN 225400 {2}-ET	80	FARIA BROTHERS DAIRIES
Daughters of HILLVIEW LISTOWEL-P AJCA: JEUSA000067333440 (GT) JH1F JH2F NAAB: 200JE1045																				
JX FARIA BROTHERS LISTOWEL HOUSTON {3}-	840003141971648	45K	100	F	64	203	723	66	42	2.84	8.9	0.3	0.6	1.8	1.7	26.9	5.4	JX FARIA BROTHERS HILARIO 222311 {2}-ET	91	STEINER, MATTHEW
Daughters of JX CROSSWIND PRIAPUS {3} AJCA: JEUSA000119499535 (GT) JH1F JH2F NAAB: 14JE742																				
JX FARIA BROTHERS PRIAPUS MIAMI {3}-ET	840003144688710	29K	87	F	55	224	677	84	45	2.79	9.1	2.2	2.1	3.6	1.2	18.0	2.3	JX FARIA BROTHERS HULK IBRAHIMOVIC {2}-ET	88	GENESIS COOPERATOR HERD /
JX FARIA BROTHERS PRIAPUS 372823 {3}-ET	840003145741396	29K	100	F	63	217	843	78	45	2.78	8.7	1.8	1.8	3.5	0.9	16.3	4.4	JX FARIA BROTHERS HULK ALONSO {2}-ET	83	FARIA BROTHERS DAIRIES
JX FARIA BROTHERS PRIAPUS 372685 {3}-ET	840003145741258	29K	100	F	63	197	898	72	42	2.85	8.5	2.0	2.3	2.9	0.9	11.5	4.8	JX FARIA BROTHERS HULK ALONSO {2}-ET	83	FARIA BROTHERS DAIRIES
JX PINE-TREE PRIAPUS ALEVE 1617 {4}-ET	067671617	45K	93	F	63	187	1,135	70	50	2.94	8.2	0.7	0.2	1.3	1.2	14.0	5.7	JX JER BEL ABBY ALEVE {4}-ET		STEINER, MATTHEW
Daughters of JX FARIA BROTHERS AVON {2}-ET AJCA: JE840003011609974 (GT) JH1F JH2F NAAB: 14JE673																				
JX PINE-TREE AVON DELLA {3}-ET	067671512	45K	100	F	65	224	1,222	73	51	2.88	9.5	1.4	2.1	4.5	1.7	27.4	5.9	OAKLANE CHISEL DELLA 2130-ET	80	STEINER, MATTHEW
JX FARIA BROTHERS AVON 307355 {3}	840003136548664	29K	93	F	63	223	1,643	83	65	2.99	6.5	1.1	0.8	2.3	1.0	16.1	4.8	FARIA BROTHERS MAGNUM 254560 {5}		FARIA BROTHERS DAIRIES
JX SHOT OF NAT AVON ANORA {3}-ET	067801165	29K	91	F	65	223	1,643	83	61	2.89	8.2	0.7	1.4	3.3	1.8	21.0	5.0	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	AHLEM FARMS PARTNERSHIP
JX CAL-MART AVON JOEL 9388 {3}	067389388	45K	92	F	63	218	1,045	64	49	2.86	9.4	2.3	2.8	3.7	1.6	24.7	4.6	CAL-MART BULLISTIC JAMIA 8301	74	MARTIN DAIRY LLC
JX PINE-TREE AVON ALEVE {3}-ET	067671551	45K	90	F	63	214	1,430	76	63	3.03	7.4	0.0	0.0	2.0	1.9	27.3	4.5	JX JER BEL ABBY ALEVE {4}-ET		SEXING TECHNOLOGIES / ACC
JX FARIA BROTHERS AVON 318409 {3}	840003138456536	29K	91	F	65	213	1,320	73	56	2.86	7.8	0.5	1.8	3.4	1.3	18.2	5.2	JX FARIA BROTHERS VERRILL 259559 {4}	77	FARIA BROTHERS DAIRIES
JX SHOT OF NAT AVON AMETHYST {3}-ET	067801170	29K	89	F	64	213	1,046	71	53	2.88	8.1	1.9	2.2	2.3	1.0	20.8	4.8	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	GRAVES, ROBERT
JX DODAN LH AVON TREFOIL {3}-ET	119958803	45K	100	F	68	210	1,758	65	56	2.92	10.0	0.5	1.7	3.4	1.7	17.4	7.3	DODAN LH TOLLY AXIS TRACIE-ET	85	SEXING TECHNOLOGIES / ACC
JX FARIA BROTHERS AVON 306181 {3}	840003136547490	29K	91	C	63	208	1,318	72	54	2.82	8.4	0.0	0.6	2.8	1.2	19.4	4.5	JX FARIA BROTHERS HARRIS 249359 {3}		FARIA BROTHERS DAIRIES
JX SHOT OF NAT AVON ATHENA {3}-ET	067801162	29K	100	F	66	208	837	64	46	2.83	8.2	1.6	2.8	3.8	1.3	28.1	5.8	JX SHOT OF NAT LEONEL ANGELINA {4}-ET	80	SHOT OF NAT LLC
JX PINE-TREE AVON DELLA 1543 {3}-ET	067671543	45K	100	F	67	208	821	63	43	2.86	9.1	-0.7	0.9	3.3	1.8	33.1	6.7	OAKLANE CHISEL DELLA 2130-ET	80	SEXING TECHNOLOGIES / ACC
JX CAL-MART AVON GEVA 9223 {3}-ET	067709223	45K	100	F	66	207	1,429	59	56	2.89	8.4	-0.3	0.4	3.2	1.7	28.3	5.5	CAL-MART DIVINE GAILA 6133	84	MARTIN DAIRY LLC
JX FARIA BROTHERS AVON 298308 {3}	840003135160159	50K	86	F	60	207	1,402	65	54	2.82	6.9	2.8	3.4	2.9	1.2	11.4	3.1	JX FARIA BROTHERS PILGRIM 246722 {3}	80	FARIA BROTHERS DAIRIES
JX SEXING 74008 {3}-ET	840003132347842	13K	89	F	64	205	1,853	58	62	3.03	7.2	1.5	1.8	4.3	1.7	26.6	4.9	JX AHLEM VOLCANO BELLA 43082 {4}		SEXING TECHNOLOGIES / ACC
JX FOREST GLEN AVON IRONEE {3}	067753158	45K	100	F	65	204	1,944	64	68	2.89	6.1	0.2	1.6	4.1	1.0	12.1	5.0	JX FOREST GLEN HARRIS IRONEE {5}	76	FOREST GLEN JERSEYS
JX FARIA BROTHERS AVON 315151 {3}	840003138453278	29K	90	F	62	204	1,760	68	60	2.89	7.2	-0.6	-0.2	2.2	2.0	28.5	3.9	JX FARIA BROTHERS HARRIS 259414 {3}		FARIA BROTHERS DAIRIES
JX FARIA BROTHERS AVON 317605 {3}	840003138455732	99K	100	F	68	204	1,421	68	55	2.87	6.9	0.7	1.3	2.2	1.7	24.7	6.4	JX FARIA BROTHERS MAGNUM 258986 {3}		FARIA BROTHERS DAIRIES
JX SMJ AVON BINKY {3}	067481833	45K	83	F	51	204	1,339	65	49	2.83	8.5	1.9	2.5	2.5	1.2	17.2	1.8	JX SMJ MACHETE BELLA {2}	87	SILVER MAPLE FARMS INC
JX OAK LANE AVON 2145 {3}-ET	067742145	45K	100	F	67	204	797	54	39	2.91	10.2	1.5	2.7	5.0	1.9	34.3	6.6	SUNSET CANYON DZZLER V MAID 2348	86	OAK LANE JERSEYS
JX FARIA BROTHERS AVON FORT WORTH {3}-	840003141974674	45K	100	F	69	203	1,482	47	53	2.87	8.8	1.8	2.8	4.2	1.8	28.3	6.8	JX FARIA BROTHERS HARRIS MAN U {2}-ET	86	SEXING TECHNOLOGIES / ACC

GPTA

Table with columns: Name, Reg #, GT, BBR, JH1, Rel, GJPI, Milk, Fat, Prot, SCS, PL, DPR, CCR, HCR, PTAT, JUI, GFI, Dam, Dam Score, Owner. Contains 37 rows of cow data.

Section: Daughters of JX FARIA BROTHERS BARKSDALE (2)-ET. AJCA: JE840003011610025 (GT). JH1F JH2F NAAB: 97JE50. Contains 3 rows.

Section: Daughters of JX FARIA BROTHERS BRAD STEVENS (5). AJCA: JE840003126052303 (GT). JH1C JH2F NAAB: 1JE957. Contains 8 rows.

Section: Daughters of JX FARIA BROTHERS CONFORTO (2)-ET. AJCA: JE840003011610019 (GT). JH1F JH2F NAAB: 203JE1640. Contains 1 row.

Section: Daughters of JX FARIA BROTHERS EUSEBIO (4)-ET. AJCA: JE840003124526334 (GT). JH1F JH2F NAAB: 1JE921. Contains 5 rows.

Section: Daughters of JX FARIA BROTHERS FUTURE (3)-ET. AJCA: JE840003126052250 (GT). JH1F JH2F NAAB: 1JE966. Contains 1 row.

Section: Daughters of JX FARIA BROTHERS GSP (3)-ET. AJCA: JE840003012575949 (GT). JH1F JH2F NAAB: 200JE1025. Contains 1 row.

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Top Polled Females by Genomic JPI™ December 2017

This list ranks by GJPI, the top polled females recorded at Generation Count 3 or GC 4 through 6 with a BBR of 93 and lower. To be included, they must have their own genotype; chip density is listed in the GT column. Cows must have calved within the past 27 months and not have a termination code associated with the current lactation. Heifers must be no older than three years of age on December 1, 2017 and not have a GPTA based on lactation information.

GJPI	Name	Reg #	GT	BBR	JH1	CCN	Rec	Rel	GPTA										TYPE						Owner			
									Milk	%F	Fat	%P	Prot	CM\$	NM\$	FM\$	GM\$	SCS	PL	DPR	CCR	HCR	Rec	FS		PTAT	JUI	GFI
1	185 JX SF VANDRELL 14614 {3}-P	172567488	45K	100	F		0	74	471	0.23	69	0.11	39	670	624	518	564	2.83	7.5	1.0	1.6	3.1	0	1.1	12.1	6.0	STAAS FARM INC	
2	182 JX FARIA BROTHERS VANDRELL 313691 {3}-P	840003138451818	29K	87	F		0	68	1,029	0.04	58	0.01	39	646	626	583	616	2.80	8.2	3.2	3.8	5.2	0	1.0	7.9	3.2	FARIA BROTHERS DAIRIES	
3	176 JX SEXING 82069 {3}-P-ET	840003132355903	29K	100	F		0	69	719	0.14	62	0.05	36	628	600	537	536	2.85	7.4	1.0	1.2	0.4	0	1.3	21.3	5.5	SEXING TECHNOLOGIES / ACC	
4	174 JX AVI-LANCHE MARLO HONEY 16794 {3}-P	840003131651674	29K	100	F		0	74	1,163	0.07	70	0.02	47	621	600	553	512	2.97	6.2	-0.2	-1.1	1.5	0	1.4	15.6	6.4	AVILA RICHARD & JENNIFER	
5	172 JX CAL-MART AVON REDA 9110 {3}-P	067709110	45K	100	F		0	74	1,092	-0.03	45	0.05	49	594	566	502	488	2.97	7.6	0.4	0.7	1.5	0	1.5	24.1	7.7	MARTIN DAIRY LLC	
6	171 JX FARIA BROTHERS PILGRIM 247036 {3}-P	840003124754882	50K	86	F	247036	1	79	1,508	-0.11	49	-0.02	51	593	581	555	557	2.92	6.4	2.1	3.2	4.0	1	80	0.9	7.0	5.1	FARIA BROTHERS DAIRIES
7	169 JX SEXING 82061 {3}-P-ET	840003132355895	29K	93	F		0	69	322	0.23	61	0.08	27	603	573	503	533	2.91	7.2	1.8	2.3	1.6	0	1.4	21.4	4.8	SEXING TECHNOLOGIES / ACC	
8	168 JX FOREST GLEN MARLO GEMMA {3}-P	067862939	45K	100	F		0	75	875	0.19	81	0.05	41	626	598	537	483	2.92	6.3	-1.2	-1.8	-0.4	0	1.3	13.1	7.0	BANSEN STANLEY K & DORA H	
9	166 JX HEINZ MARLO MAID 4016 {3}-P	840003140040225	45K	100	F		0	75	410	0.17	54	0.07	28	600	571	504	503	2.90	9.0	0.9	1.3	2.6	0	1.1	17.8	7.5	HEINZ, LLOYD	
10	164 JX FARIA BROTHERS CRIS PALOMO {3}-P-ET	840003124757077	13K	100	C	245412	1	81	966	0.09	64	0.00	35	593	579	547	518	2.84	6.8	0.9	1.4	0.9	0	0.9	12.3	6.2	FARIA BROTHERS DAIRIES	
11	164 JX DUPAT AVON 15653 {3}-P-ET	840003133238789	99K	92	F		0	74	655	0.09	49	0.03	29	555	536	494	508	2.86	6.9	1.8	2.4	3.1	0	1.4	28.8	5.6	WICKSTROM JERSEY FARMS IN	
12	162 JX FARIA BROTHERS VOLCANO 234770 {3}-P	840003013120467	13K	100	F	234770	2	80	1,349	0.10	85	0.03	55	566	543	490	421	3.02	3.2	-2.9	-2.1	0.7	2	84	0.8	9.6	4.3	FARIA BROTHERS DAIRIES
13	162 JX WILSONVIEW AVON BAILEY {3}-P	119762262	99K	90	F		0	73	597	0.05	39	0.04	29	531	510	461	509	2.88	6.4	3.0	2.5	3.0	0	1.3	27.6	4.8	WILSONVIEW DAIRY	
14	161 JX CROSSWIND MARLO 7552 {3}-P	840003141476993	9K	100	F		0	73	1,044	0.04	57	0.04	45	582	558	504	478	2.96	6.9	-0.1	0.6	2.7	0	0.9	11.2	5.8	CROSSWIND JERSEYS	
15	160 JX PROGENESIS AVON MILLIE {3}-P-ET	110395914	45K	100	F		0	72	917	0.04	51	0.02	38	562	541	495	469	2.91	7.3	0.1	0.8	3.8	0	1.7	27.5	5.2	FERME DRUMDALE	
16	160 JX SEXING 82060 {3}-P-ET	840003132355894	29K	100	C		0	70	834	0.15	71	0.04	38	587	566	517	506	2.99	5.7	0.4	1.0	1.1	0	1.3	15.0	6.1	SEXING TECHNOLOGIES / ACC	
17	159 JX FARIA BROTHERS VANDRELL 356440 {3}-P	840003143565900	29K	100	F		0	74	1,152	0.00	54	0.01	43	554	534	491	412	2.80	6.6	-2.2	-0.9	3.7	0	1.6	14.2	6.5	FARIA BROTHERS DAIRIES	
18	159 JX SEXING 82074 {3}-P-ET	840003132355908	29K	100	F		0	68	510	0.28	80	0.06	31	591	564	503	527	2.96	5.4	1.4	1.5	1.6	0	0.9	8.0	4.7	SEXING TECHNOLOGIES / ACC	
19	156 JX DUTCH HOLLOW MARLO MELIA {3}-P	840003131737183	29K	100	F	6041	0	74	1,026	0.01	50	-0.02	33	558	548	526	467	2.79	7.1	0.1	-0.3	1.1	1	83	1.7	20.3	6.6	CHITTENDEN, MELANIE F
20	156 JX AHLEM BARKSDALE SKITTLES 48528 {3}-P-ET	067748528	29K	100	C		0	74	900	0.06	56	-0.01	31	563	548	517	458	2.76	7.5	0.0	-0.4	0.0	0	1.5	19.3	7.1	AHLEM FARMS PARTNERSHIP	
21	155 JX AHLEM BARKSDALE SKITTLES 48566 {3}-P-ET	067748566	29K	91	C		0	74	680	0.04	40	0.01	26	544	528	495	450	2.79	8.8	0.4	0.7	1.6	0	2.0	29.8	7.3	AHLEM FARMS PARTNERSHIP	
22	150 FARIA BROTHERS BOWMAN 249776 {3}-P	840003124755297	13K	100	C	249776	1	80	322	0.26	68	0.09	29	537	501	418	470	2.84	4.1	0.9	1.8	1.8	1	78	0.3	9.5	5.5	FARIA BROTHERS DAIRIES
23	149 JX FARIA BROTHERS AVON 310056 {3}-P-ET	840003138448183	29K	100	F		0	73	1,348	-0.10	42	-0.03	42	532	524	509	427	2.85	7.6	-0.6	0.5	2.4	0	1.1	15.7	6.5	FARIA BROTHERS DAIRIES	
24	148 JX AHLEM MARLO FARRAH 48493 {3}-P	067748493	29K	93	F		0	74	671	0.16	65	0.03	31	548	533	496	462	3.05	6.2	0.4	-1.0	0.6	0	1.6	18.8	7.5	AHLEM FARMS PARTNERSHIP	
25	147 JX EAGLES LEONEL VICTORI {4}-P	067666169	29K	91	C		0	74	514	0.15	55	0.07	33	529	499	430	451	2.96	6.4	1.0	1.4	0.5	0	0.8	18.5	5.8	EAGLES ONLY GROUP	
26	146 JX RED TOP HARRIS 36286 {3}-P	840003136919556	9K	100	C		0	74	1,231	-0.03	53	0.02	49	498	474	421	342	2.85	4.5	-3.4	-2.4	0.6	0	1.5	22.4	7.4	RED TOP JERSEYS	

Section IV

Herd Register Females: Traditional Evaluations

Herd Register: Top 400 Heifers for Parent Average JPI™ December 2017

The top 400 heifers recorded in the AJCA Herd Register for Parent Average Jersey Performance Index™ (GJPI) are listed by sire groups. To qualify for this list, heifers must be no older than three years of age on December 1, 2017.

Name	Reg #	Rel	JPI	Parent Average										Dam	Dam Score	Owner	
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				EFI
Daughters of AHLEM AXIS BANCROFT-ET AJCA: JEUSA000073409475 (GT) JH1F NAAB: 29JE3991																	
JX AHLEM BANCROFT BEAUTY 5716 {6}	067705716	35	156	1,356	51	49	2.86	5.1	-0.9	-0.1	0.9	1.3	13.9	8.6	JX AHLEM HARRIS BEAUTY 3802 {5}	77	AHLEM FARMS JERSEYS
FOREST GLEN BANCROFT KADY	067753310	36	153	1,249	51	47	2.99	5.9	-1.3	-0.6	1.2	1.6	16.0	8.5	FOREST GLEN GAMEDAY KADY	84	BANSEN STANLEY K & DORA H
JCJ BANCROFT 38891	840003143484333	30	153	841	45	37	2.94	5.7	0.5	1.0	1.7	1.5	18.8	8.3	JCJ CRITIC 29419	90	AHLEM BROTHERS
CAL-MART BANCROFT WENA 9461	067389461	37	149	682	44	33	2.88	5.3	1.2	1.6	2.1	1.1	13.3	7.9	CAL-MART HENDRIX WILLI 6060	84	MARTIN DAIRY LLC
KASH-IN BANCROFT 53996	840003146830160	36	147	1,053	51	43	2.98	5.6	-0.5	0.6	1.3	1.5	12.2	8.9	KASH-IN ISAAC 45227-ET	84	RANCHO TERESITA DAIRY
AHLEM BANCROFT MISTY 5896	067705896	36	146	1,116	49	39	2.96	6.0	-0.4	0.2	1.1	1.5	17.4	8.5	AHLEM CHROME MISTY 3964	83	AHLEM FARMS JERSEYS
DUPAT BANCROFT 17873	840003142713253	35	145	983	35	36	2.99	6.5	1.0	2.3	2.2	1.3	16.2	8.2	JX DUPAT FORMIDABLE 15281 {6}	83	WICKSTROM JERSEY FARMS INC
JCJ BANCROFT 39115	840003146674145	36	145	910	40	39	3.00	5.4	0.4	1.4	2.2	1.4	18.0	9.2	JCJ PRINCE 31925	82	AHLEM BROTHERS
Daughters of AHLEM AXIS COMANCHE-ET AJCA: JEUSA000073409554 (GT) JH1F NAAB: 1JE928																	
SHAN-MAR COMANCHE COMPARE-ET	067641497	36	164	1,018	67	48	2.92	6.4	-1.0	-1.0	0.8	1.2	9.2	8.7	SHAN-MAR MACKENZIE CHARINA		GARDNER MARK & SHANNON
SHAN-MAR COMANCHE CONTEMPLATE-ET	067641498	36	164	1,018	67	48	2.92	6.4	-1.0	-1.0	0.8	1.2	9.2	8.7	SHAN-MAR MACKENZIE CHARINA		GARDNER MARK & SHANNON
SHAN-MAR COMANCHE CONSIDER-ET	067641500	36	164	1,018	67	48	2.92	6.4	-1.0	-1.0	0.8	1.2	9.2	8.7	SHAN-MAR MACKENZIE CHARINA		GARDNER MARK & SHANNON
SHAN-MAR COMANCHE CONTRAST-ET	067721502	36	164	1,018	67	48	2.92	6.4	-1.0	-1.0	0.8	1.2	9.2	8.7	SHAN-MAR MACKENZIE CHARINA		GARDNER MARK & SHANNON
OAK LANE COMANCHE 2175-ET	067742175	36	159	979	51	36	2.94	8.2	-0.4	0.4	2.1	1.9	22.4	8.3	OAKLANE CHISEL DAISY 2126-ET		OAK LANE JERSEYS
OAK LANE COMANCHE 2176-ET	067742176	36	159	979	51	36	2.94	8.2	-0.4	0.4	2.1	1.9	22.4	8.3	OAKLANE CHISEL DAISY 2126-ET		OAK LANE JERSEYS
IRISHTOWNS W4317 COMANCHE CASE	067454317	36	150	843	46	38	2.86	5.9	0.3	1.5	3.1	1.4	13.4	7.8	IRISHTOWNS W3689 PILGRIM CASE	84	KENNEDY JASON & JESSICA
AHLEM COMANCHE CORA 51516	075851516	35	146	962	60	41	2.98	5.0	-1.4	-1.0	1.8	1.7	19.3	8.5	AHLEM MEGAPOWERS CORA 47468	78	AHLEM FARMS PARTNERSHIP
SHAN-MAR COMANCHE CAMBRIA-ET	067641401	36	145	1,099	48	43	2.90	5.2	-0.2	0.5	1.8	1.4	11.5	8.4	SHAN-MAR CHILI CLEMENTINE-ET		GARDNER MARK & SHANNON
RED TOP COMANCHE 41573	840003146060979	28	145	1,023	59	38	2.92	5.7	-0.2	-0.1	1.1	1.7	15.3	8.5	RED TOP MACKENZIE 34224 {6}	84	RED TOP JERSEYS
Daughters of AHLEM AXIS DAGGAR 22486 AJCA: JEUSA000073409447 (GT) JH1F NAAB: 203JE1620																	
RED TOP DAGGAR 41512	840003146060918	28	150	773	49	43	2.91	5.7	-0.4	-0.4	2.3	1.4	14.8	8.5	JX RED TOP REGAL 34100 {6}	75	RED TOP JERSEYS
AHLEM DAGGAR MAGGIE 51998	075851998	35	149	501	52	34	2.96	6.4	-0.1	0.2	1.8	1.3	16.8	8.3	AHLEM SEGIN MAGGIE 47855-ET	70	AHLEM FARMS PARTNERSHIP
Daughters of AHLEM BLADE DAPPER AJCA: JEUSA000073409328 (GT) JH1F NAAB: 11JE1253																	
FOOTHILL DAPPER 26912	840003141917297	27	147	672	49	36	2.96	5.3	0.0	0.5	3.4	1.5	16.1	7.9	FOOTHILL REGAL 22795	84	AHLEM FOOTHILL FARMS
Daughters of AHLEM CHILI CHARMER AJCA: JEUSA000074067595 (GT) JH1F NAAB: 29JE4009																	
AHLEM CHARMER PEGGY 51231	075851231	35	152	856	45	36	2.82	6.4	-0.2	0.8	3.4	1.5	17.3	8.6	AHLEM CHROME PEGGY 47129	83	AHLEM FARMS PARTNERSHIP
CAR-LEN CHARMER FIRCE	840003144343589	29	151	707	52	39	2.82	5.7	-0.7	0.7	2.4	0.9	8.0	8.5	CAR-LEN VIGILANCE FIRE	77	WAGNER LEONARD & FAMILY
LEGENDAIRY CHARMER SIOUX	173149540	36	146	486	66	38	2.94	4.4	-1.4	0.2	2.7	1.1	9.6	8.5	LEGENDAIRY MEGATRON SIOUX	85	SEALS THOMAS L & JENNIE L
JX AHLEM CHARMER MISTY 51464 {4}	075851464	35	146	668	45	31	2.81	6.2	0.5	1.5	2.8	1.3	12.5	8.7	JX AHLEM BARKSDALE MISTY 47233 {3}	83	AHLEM FARMS PARTNERSHIP
Daughters of AHLEM CHILI WISDOM-ET AJCA: JEUSA000073409512 (GT) JH1F NAAB: 11JE1264																	
NYMAN WISDOM 30258	172913225	28	158	130	55	30	2.91	6.5	2.2	1.8	3.1	1.0	14.0	8.3	NYMANS CRITIQUE 22289 {6}	86	NYMAN BROS
Daughters of AHLEM VIABULL-P AJCA: JEUSA000071199749 (GT) JH1F NAAB: 29JE3869																	
CAL-MART VIABULL DELTA 9497	067389497	39	154	1,271	54	38	2.84	6.9	0.7	1.5	2.3	1.0	8.6	8.0	CAL-MART VOLCANO DEANA 8436		MARTIN DAIRY LLC
AHLEM VIABULL ZSAZSA 51992	075851992	39	151	1,018	55	34	2.88	7.1	-0.4	-0.5	0.0	1.4	17.8	8.3	AHLEM MATCH ZSAZSA 47937	76	AHLEM FARMS PARTNERSHIP
AHLEM VIABULL LETTY 14113	067914113	40	145	602	52	27	2.92	7.8	0.3	-0.2	0.2	1.4	17.4	8.8	AHLEM MACKENZIE LETTY 11488	82	AHLEM FARMS JERSEYS

Name	Reg #	Rel	JPI	Parent Average										Dam	Dam Score	Owner	
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				EFI
Daughters of AJ PILGRIM FANCY PAUL 2590-ET AJCA: JEUSA000067452590 (GT) JH1F																	
AJ PAUL 3318	067693318	36	147	375	31	26	2.95	6.5	3.5	4.4	3.5	0.9	17.9	7.0	AJ PILGRIM 2571-ET	81	ALBRIGHT ALLEN E & FAMILY
Daughters of BLUE MIST VISIONARY METHOD AJCA: JEUSA000118440510 (GT) JH1C NAAB: 14JE666																	
MULTI-ROSE METHOD 8977	840003135322522	31	147	687	39	37	2.82	6.7	-0.6	0.6	2.3	0.9	13.6	9.0	MVF SONNY 5836	80	MULTI ROSE JERSEYS INC
RED TOP METHOD 41545	840003146060951	29	145	886	49	43	2.89	5.6	-0.6	0.2	1.8	0.7	8.6	8.6	RED TOP IVORY 33935		RED TOP JERSEYS
Daughters of CAL-MART BARRICADE AJCA: JEUSA000067384455 (GT) JH1F NAAB: 29JE4044																	
CAL-MART BARICAD BROOK 9432	067389432	36	150	819	50	42	2.85	5.8	-0.9	-0.1	1.8	1.1	11.9	8.0	CAL-MART AXIS BAYA 7655	80	MARTIN DAIRY LLC
FOREST GLEN BARRICADE CHILI	067784017	25	146	294	56	30	2.90	6.2	0.8	1.4	2.0	1.0	11.6	7.4	FOREST GLEN PREMIUM CHILLI		BANSEN, DAN K
Daughters of CAL-MART CHILI LARS AJCA: JEUSA000067294430 (GT) JH1F NAAB: 1JE946																	
RIVER VALLEY LARS CRCSACT 5732-ET	067445732	34	148	636	41	31	2.81	6.7	1.6	2.1	1.9	1.1	16.7	7.5	RIVER VALLEY CRCSACT IRNMAN 3889-ET		RIVER VALLEY FARM
AVI-LANCHE LARS LETA 19410	840003131412798	35	146	720	38	35	2.93	6.8	1.0	1.6	2.3	1.1	16.0	8.0	AVI-LANCHE FASTRACK LETA 16010	69	AVILA RICHARD & JENNIFER M
CAL-MART LARS TARAN 9447	067389447	35	145	313	44	29	2.88	5.7	1.7	2.7	3.7	0.8	10.6	7.5	CAL-MART DAYBREAK TARA 8363	79	MARTIN DAIRY LLC
Daughters of CAL-MART MEDALIST PILGRIM AJCA: JEUSA000118113935 (GT) JH1F NAAB: 29JE3860																	
CAL-MART PILGRIM HIDA 9468	067389468	41	154	890	41	36	2.83	6.5	1.5	2.5	2.3	1.3	13.2	7.8	CAL-MART AXIS HEIDA 7682	80	MARTIN DAIRY LLC
SEXING PILGRIM 20025 60433-ET	840003010364180	42	153	1,040	51	39	2.85	5.6	1.2	1.9	2.5	0.9	11.4	7.7	NYMANS PERFORM 20025	85	INGURAN LLC DBA SEXING TECHN
AJ PILGRIM 3164	067693164	41	151	756	31	31	2.83	6.5	3.4	4.2	3.6	0.8	14.2	7.2	AJ PILGRIM 2573-ET	85	ALBRIGHT ALLEN E & FAMILY
CAL-MART PILGRIM FELIS 9457	067389457	41	150	666	53	33	2.84	5.0	2.2	2.7	1.7	0.6	9.7	7.0	CAL-MART MAGNUM FLORIE 7789	79	MARTIN DAIRY LLC
CAL-MART PILGRIM SUZA 9486	067389486	41	147	649	48	33	2.84	5.5	0.4	1.6	1.6	0.8	12.3	8.4	CAL-MART NIKON SINDY 7591	78	MARTIN DAIRY LLC
SEXING PILGRIM CASSIE 61116	840003010364863	41	146	683	45	32	2.87	5.5	1.6	2.5	3.3	0.8	11.2	7.2	DP DAYBREAK CASSIE 1534-ET	84	SEXING TECHNOLOGIES / SIRE H
CAL-MART PILGRIM BABIT 9482	067389482	42	145	900	42	33	2.87	5.3	2.5	3.0	2.6	0.8	10.7	7.8	CAL-MART HENDRIX BONNY 6116	77	MARTIN DAIRY LLC
Daughters of CAL-MART NAVARA BLADE AJCA: JEUSA000116490957 (GT) JH1F NAAB: 29JE3678																	
HILMAR BLADE 3212	840003134413373	36	147	1,036	50	48	2.98	3.6	0.9	1.8	4.7	0.1	-0.4	7.2	HILMAR VICEROY 45680 {6}	73	AHLEM, CHARLES
HILMAR BLADE 3213	840003134413374	36	147	1,036	50	48	2.98	3.6	0.9	1.8	4.7	0.1	-0.4	7.2	HILMAR VICEROY 45680 {6}	73	AHLEM, CHARLES
Daughters of CAL-MART PILGRIM TAD AJCA: JEUSA000067294424 (GT) JH1F NAAB: 1JE944																	
SHAN-MAR TAD CHECKERS	067721532	35	171	777	63	49	3.01	6.1	0.6	1.1	2.5	1.0	8.6	8.6	SHAN-MAR REGENCY CHARA-ET		GARDNER MARK & SHANNON
BLUE MIST TAD CATHY	173095850	35	165	684	65	48	2.93	4.8	0.4	1.2	2.1	0.5	4.8	7.7	BLUE MIST METHOD CATHY	80	GOMES JERSEY DAIRY, LLC
RIVER VALLEY TAD BAMBI 16041-ET	173134717	35	154	962	66	47	2.91	4.7	-0.5	0.1	1.5	0.9	5.6	7.5	RIVER VALLEY TRANFRMR BAMBI 1406-ET		RIVER VALLEY FARM
RIVER VALLEY TAD GWEN 17796-ET	173125337	35	148	910	50	47	2.93	5.0	0.3	0.8	2.3	0.9	5.9	7.9	RIVER VALLEY REGENCY GWEN 1617-ET		RIVER VALLEY FARM
Daughters of CDF IRWIN STEVE AJCA: JE840003006436334 (GT) JH1C NAAB: 11JE1259																	
SHAN-MAR STEVE LOLITA-ET	067641464	36	152	816	61	35	2.95	6.1	-0.3	0.9	2.4	1.5	14.7	8.9	HEARTLAND PHAROAH LINDSEY	88	GARDNER MARK & SHANNON
SHAN-MAR STEVE LOLLY-ET	067641472	36	152	816	61	35	2.95	6.1	-0.3	0.9	2.4	1.5	14.7	8.5	HEARTLAND PHAROAH LINDSEY	88	GARDNER MARK & SHANNON
JCJ STEVE 38197	840003143483639	28	149	528	60	37	3.00	5.7	-0.6	-0.4	2.6	1.0	12.2	9.0	JCJ REGAL 33696	79	AHLEM, JAMES
GOLDEN MEADOWS STVE JACKLN 40001	840003148091949	35	149	855	54	36	2.93	6.6	-0.6	-0.5	1.8	1.6	17.2	8.9	GOLDEN MEADOWS VINKA 3439		VIERRA DAIRY FARMS
NYMAN STEVE 27496	172909381	29	147	638	58	35	2.84	5.8	-1.0	-0.5	1.9	0.8	8.8	8.6	NYMAN DECREE 21234 {6}	77	DICKEY, JAMES P
KASH-IN STEVE 50938-ET	840003137868658	36	145	809	65	40	2.98	5.2	-1.3	-0.5	1.7	1.5	11.6	8.5	KASH-IN ISAAC 45227-ET	84	RANCHO TERESITA DAIRY
BAMBOO STEVE 5083	840003141575700	28	145	639	65	37	2.92	4.0	-0.7	0.1	3.0	1.1	9.2	8.0	HILMAR BLADE 2306	78	AHLEM, CHARLES
Daughters of CDF KARBALA KWYNN AJCA: JE840003005791893 (GT) JH1C NAAB: 11JE1110																	
RIVER VALLEY KWYNN MACNCHEZ 5171-ET	067725171	41	164	416	64	34	2.88	5.5	-0.5	0.4	0.6	1.8	24.2	7.9	JER-Z-BOYZ MACNCHEZ 48947-ET	87	RIVER VALLEY FARM
SUNSET CANYON KWYNN BABBETTE 3075-ET	173167252	42	152	390	52	33	2.91	3.5	-0.4	0.1	1.6	1.8	33.1	8.3	CAL-MART SPARKY BABA 6975	90	SILVA, ERIC LEONARD
PRIMUS KWYNN HOLLY 213-ET	840003132247876	42	149	497	53	35	2.85	5.0	-0.2	1.0	2.0	1.0	12.9	8.0	LOST HILL DIMENSION HOLLY	84	JERSEYLAND SIRES

Name	Reg #	Rel	JPI	Parent Average										Dam	Dam Score	Owner	
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				EFI
Daughters of JER-Z-BOYZ CREDENTIAL {6}-ET	AJCA: JEUSA000117979857 (GT)	JH1F	NAAB: 11JE1163														
CDF CREDENTIAL 80854	840003134630949	33	150	980	66	36	2.88	5.2	-0.5	0.0	-0.3	1.0	10.2	7.8	CDF MARVEL 75552	81	CDFD-HARTLEY
LIVE OAK CREDENTIAL 26098	119836040	33	145	866	55	32	2.98	5.1	0.9	1.2	1.5	0.4	11.4	7.5	NYMAN LUSCIOUS 22775	77	LIVE OAK DAIRY
Daughters of JER-Z-BOYZ MARX {6}-ET	AJCA: JEUSA000118379230 (GT)	JH1C	NAAB: 203JE1461														
FOOTHILL MARX 24358	840003135648702	34	157	429	49	36	2.98	5.9	1.7	2.0	2.8	0.9	10.6	7.8	CJC KILOWATT 16711	83	AHLEM FOOTHILL FARMS
Daughters of JX AHLEM DENTINE {3}-ET	AJCA: JEUSA000067823081 (GT)	JH1F	NAAB: 14JE749														
JX CROSSWIND 7908 {4}-ET	840003144654087	34	164	1,063	50	39	2.88	7.6	0.6	1.3	1.7	1.8	27.1	8.6	JX CROSSWIND GENOMINATOR 6718 {5}-ET		CROSSWIND JERSEYS
JX CROSSWIND 7920 {4}-ET	840003144654099	34	164	1,063	50	39	2.88	7.6	0.6	1.3	1.7	1.8	27.1	8.6	JX CROSSWIND GENOMINATOR 6718 {5}-ET		CROSSWIND JERSEYS
JX CROSSWIND 7931 {4}-ET	840003144654110	34	164	1,063	50	39	2.88	7.6	0.6	1.3	1.7	1.8	27.1	8.6	JX CROSSWIND GENOMINATOR 6718 {5}-ET		CROSSWIND JERSEYS
Daughters of JX FARIA BROTHERS BRAD STEVENS {5}	AJCA: JE840003126052303 (GT)	JH1C	NAAB: 1JE957														
JX FARIA BROTHERS STEVENS 375644 {5}-ET	840003145744217	33	181	1,066	74	52	2.80	5.3	-1.4	-0.5	1.7	1.2	14.7	6.2	JX FARIA BROTHERS TARHEEL 300100 {4}-ET		FARIA BROTHERS DAIRIES
Daughters of JX FARIA BROTHERS EUSEBIO {4}-ET	AJCA: JE840003124526334 (GT)	JH1F	NAAB: 1JE921														
JX MM EUSEBIO 2421 {5}	840003146678233	28	162	1,072	62	53	2.97	3.6	-1.0	-0.1	2.2	1.0	10.9	6.6	JX MM BLADE 18177 {5}	79	MISTY MEADOW DAIRY
JX MM EUSEBIO 2494 {5}	840003146678306	25	155	1,415	74	56	2.93	3.4	-2.8	-1.6	0.1	1.1	9.3	6.7	JX MM HARRIS 20652 {5}		MISTY MEADOW DAIRY
JX MM EUSEBIO 2528 {4}	840003146678340	25	154	1,504	67	60	2.96	3.0	-2.7	-1.6	0.2	0.9	8.4	6.8	JX MM HARRIS 20598 {3}		MISTY MEADOW DAIRY
JX MM EUSEBIO 2387 {5}	840003146678199	28	148	1,203	63	53	2.97	3.1	-1.9	-0.5	2.5	0.7	9.2	6.7	MM BLADE 17761 {6}	75	MISTY MEADOW DAIRY
Daughters of JX FARIA BROTHERS LEONEL {3}-ET	AJCA: JE840003011610079 (GT)	JH1F	NAAB: 14JE648														
JX CROSSWIND LEONEL 7865 {4}	840003144654044	41	169	962	58	43	2.88	5.9	0.7	1.1	1.3	1.1	19.6	8.1	CROSSWIND PILGRIM 5889 {5}	77	CROSSWIND JERSEYS
JX TWIN STAR LEONEL 3660 {4}	067483660	40	147	920	64	43	2.96	3.8	-0.2	0.2	-0.4	1.1	18.0	8.2	TWIN STAR CRIS 2450-P		TWIN STAR DAIRY
Daughters of JX FARIA BROTHERS MESSI {5}-ET	AJCA: JE840003124526297 (GT)	JH1C	NAAB: 200JE913														
JX RIVER VALLEY MESSI C FRFLY 17486 {6}-ET	173096954	36	160	825	71	47	2.90	4.4	-1.1	-0.2	1.7	1.1	11.2	7.9	RIVER VALLEY CHILI FIREFLY 1147-ET	85	RIVER VALLEY FARM
JX FOREST GLEN MESSI GOLDEN {6}	067753841	36	156	821	85	48	2.98	3.3	-2.1	-1.9	0.3	0.9	9.4	7.6	FOREST GLEN MEGATRON GOLDEN	84	BANSEN STANLEY K & DORA H
JX FOUR J MESSI 10445 {4}	840003144441984	36	150	1,436	60	50	2.88	4.2	-1.0	-0.7	0.4	1.0	8.8	8.5	FOUR J ARCHER 19886 {3}	77	FOUR J JERSEYS
Daughters of JX FARIA BROTHERS PELE {3}	AJCA: JE840003126052040 (GT)	JH1F	NAAB: 200JE914														
JX FOUR J PELE 23835 {4}	840003142841718	35	154	764	60	36	2.91	7.3	-0.3	0.1	2.2	1.6	13.6	8.4	FOUR J MACKENZIE 19152 {6}	77	FOUR J JERSEYS
JX RIVER VALLEY PELE R GWEN 17519 {4}-ET	173096963	34	150	1,026	48	40	2.80	6.4	-0.5	-0.3	2.6	1.4	16.6	8.6	RIVER VALLEY REGENCY GWEN 1617-ET		RIVER VALLEY FARM
Daughters of JX FARIA BROTHERS PROP JOE {3}-ET	AJCA: JE840003011609994 (GT)	JH1F	NAAB: 1JE889														
JX MM PROP JOE 2450 {4}	840003146678262	31	167	794	71	42	2.84	4.9	-1.1	-0.5	1.2	1.2	15.1	6.9	JX MM HARRIS 20628 {5}		MISTY MEADOW DAIRY
JX MM PROP JOE 2524 {4}	840003146678336	34	162	756	74	38	2.95	5.5	0.2	-0.2	1.0	1.1	12.6	7.6	JX MM VERNON 16464 {4}	84	MISTY MEADOW DAIRY
JX MM PROP JOE 2470 {4}	840003146678282	31	161	544	65	36	2.98	5.6	0.2	0.5	2.3	1.2	13.7	7.7	MM DAYBREAK 20573		MISTY MEADOW DAIRY
JX MM PROP JOE 2464 {4}	840003146678276	31	160	979	72	44	2.86	4.6	-1.0	-0.7	0.6	1.2	14.0	6.8	JX MM HARRIS 20706 {5}		HOGAN, MATT
JX MM PROP JOE 2424 {4}	840003146678236	31	153	902	66	42	2.86	4.4	-1.0	-0.7	0.8	1.1	13.3	6.8	JX MM HARRIS 20627 {4}		MISTY MEADOW DAIRY
JX MM PROP JOE 2519 {4}	840003146678331	34	152	179	69	32	2.94	4.7	0.7	0.5	1.0	1.2	9.0	7.1	JX MM PREMIER 16383 {3}	74	MISTY MEADOW DAIRY
JX MM PROP JOE 2512 {4}	840003146678324	30	152	706	62	37	2.92	4.9	0.0	0.4	2.2	0.9	9.0	7.3	MM DAYBREAK 20372		MISTY MEADOW DAIRY
JX MM PROP JOE 2453 {4}	840003146678265	33	149	698	62	38	2.95	4.6	0.4	0.6	2.6	0.9	10.1	6.7	JX MM BLADE 18142 {4}		MISTY MEADOW DAIRY
JX MM PROP JOE 2439 {4}	840003146678251	31	148	557	57	32	2.90	5.2	0.2	0.6	2.1	0.7	11.6	7.0	MM DAYBREAK 20647 {4}		MISTY MEADOW DAIRY
JX MM PROP JOE 2430 {4}	840003146678242	34	145	396	56	28	2.80	5.8	-0.3	0.6	2.5	0.9	14.6	7.5	MM VISIONARY 14156	79	HOGAN, MATT
Daughters of JX FARIA BROTHERS RONALDINHO {3}	AJCA: JE840003126052015 (GT)	JH1F	NAAB: 7JE1503														
JX AHLEM RONALDINHO DAHLIA 51442 {4}	075851442	35	162	1,021	66	50	2.86	5.7	-1.7	-1.5	0.7	1.4	11.7	8.2	AHLEM CHEKELO DAHLIA 47515-ET	76	AHLEM FARMS PARTNERSHIP
JX RIVER VALLEY RNLDNHO DIXIE 16201 {4}-ET	173134771	36	152	1,135	61	50	2.95	4.7	-2.4	-1.9	0.8	1.5	15.4	8.0	RIVER VALLEY NIKON DIXIE 1060-ET	85	RIVER VALLEY FARM
JX AHLEM RONALDINHO MIRANDY 51423 {4}-ET	075851423	36	150	1,142	64	50	3.01	4.6	-1.6	-1.4	1.6	1.3	14.9	8.5	AHLEM LEGAL PROM MIRANDY 44893	80	AHLEM FARMS PARTNERSHIP



Name	Reg #	Rel	JPI	Milk	Fat	Prot	Parent Average						JUI	EFI	Dam	Dam Score	Owner
							PL	DPR	CCR	HCR	PTAT	SCS					
JX AHLEM RONALDINHO MIRANDY 51437 {4}-ET	075851437	36	150	1,142	64	50	3.01	4.6	-1.6	-1.4	1.6	1.3	14.9	8.5	AHLEM LEGAL PROM MIRANDY 44893	80	AHLEM FARMS PARTNERSHIP
Daughters of JX FARIA BROTHERS WEE BEY {3}-ET AJCA: JE840003011610048 (GT) JH1F NAAB: 29JE3926																	
JX FOREST GLEN WEE BEY DOLLY {4}	067753893	37	145	706	53	41	2.84	4.3	-0.5	0.1	1.7	0.7	9.0	7.1	FOREST GLEN HONOK DOLLY	78	FOREST GLEN JERSEYS
Daughters of JX SCHULTZ VOLCANO HARRIS {4} AJCA: JEUSA000118157731 (GT) JH1F NAAB: 29JE3866																	
JX CAL-MART HARRIS WYAN 9464 {5}-ET	067389464	40	195	1,348	85	60	2.85	5.3	-1.7	-0.8	0.7	1.2	13.8	8.6	CAL-MART FISTRACK WYN 8375		MARTIN DAIRY LLC
JX AHLEM HARRIS HALO 5718 {4}	067705718	40	165	1,200	65	48	2.79	5.3	-2.5	-1.7	0.6	1.2	20.0	8.6	JX AHLEM BARKSDALE HALO 3806 {3}	75	AHLEM FARMS JERSEYS
JX MM HARRIS 2518 {5}	840003146678330	32	157	1,480	68	58	2.92	3.1	-2.3	-1.3	1.0	0.5	4.4	7.7	MM DAYBREAK 20415 {5}		MISTY MEADOW DAIRY
JX AHLEM HARRIS SPRITE 5745 {4}	067705745	40	153	1,437	62	55	2.87	4.2	-1.5	-0.9	-0.4	0.9	10.7	8.7	JX AHLEM BARKSDALE ROSANNA 3819 {3}	76	AHLEM FARMS JERSEYS
JX AHLEM HARRIS LILAC 51453 {5}	075851453	40	153	1,248	62	50	2.80	3.8	-1.8	-0.8	0.6	1.0	12.5	8.3	JX AHLEM STRINGER LILAC 47347 {5}	79	AHLEM FARMS PARTNERSHIP
JX MM HARRIS 2459 {5}	840003146678271	32	151	1,633	66	57	2.89	3.0	-2.4	-1.3	1.2	0.8	6.1	7.6	JX MM DAYBREAK 20461 {5}		MISTY MEADOW DAIRY
Daughters of JX SEXING MARLO PATRON {3}-ET AJCA: JE840003123614852 (GT) JH1F NAAB: 551JE1658																	
JX MM PATRON 2440 {4}	840003146678252	26	162	1,167	71	50	2.87	4.2	-1.4	-0.7	0.3	1.3	13.2	7.6	JX MM HARRIS 20481 {5}		MISTY MEADOW DAIRY
JX MM PATRON 2418 {4}	840003146678230	26	156	669	64	38	2.95	5.9	0.4	0.7	-0.1	1.6	14.5	8.1	MM MACKENZIE 20602 {5}		MISTY MEADOW DAIRY
JX MM PATRON 2419 {4}	840003146678231	26	156	669	64	38	2.95	5.9	0.4	0.7	-0.1	1.6	14.5	8.1	MM MACKENZIE 20602 {5}		MISTY MEADOW DAIRY
JX MM PATRON 2405 {4}	840003146678217	25	145	625	64	37	3.03	5.0	0.0	0.3	0.3	1.4	14.3	7.9	JX MM MACKENZIE 20439 {6}		MISTY MEADOW DAIRY
JX SEXING 79768 {4}-ET	840003132353602	36	145	828	58	39	2.91	4.5	-0.5	-0.2	0.6	1.7	17.5	8.1	JX SEXING BENEFACTOR CANDEE 59919 {5}-ET	82	SEXING TECHNOLOGIES / ACCOUN
Daughters of JX SUNSET CANYON GOT MAID {5}-ET AJCA: JEUSA000119407594 (GT) JH1F NAAB: 551JE1650																	
JX KASH-IN GOT MAID 53647 {6}-ET	840003145402075	35	174	1,646	65	59	2.75	4.6	-1.8	-1.0	0.5	1.3	13.1	7.8	JX KASH-IN HARRIS 48460 {5}-ET		RANCHO TERESITA DAIRY
JX FOREST GLEN GOT MAID WILLOW {6}-ET	067753682	35	173	1,316	79	58	2.85	4.0	-1.7	-0.8	0.6	0.7	2.6	8.2	JX FOREST GLEN HARRIS WILLOW {5}	61	BANSEN STANLEY K & DORA H
JX FOREST GLEN GOT MAIDS JUDD {6}-ET	067753647	36	162	1,211	76	49	2.89	4.1	-0.3	0.1	1.0	1.0	2.8	7.9	JX FOREST GLEN MAGNUM JUDD {6}	75	BANSEN, DAN K
JX MFW GOT MAID ELSA {6}-ET	840003145732385	36	157	1,134	61	50	2.80	5.3	-2.2	-1.6	0.3	1.5	12.5	8.7	MFW MARCIN SATIRE	87	MASON, P THOMAS
Daughters of KASH-IN SAXON-P-ET AJCA: JE840003013871358 (GT) JH1F NAAB: 7JE1445																	
MULTI-ROSE SAXON 9403	840003137806202	36	148	1,156	58	45	2.85	5.0	-1.3	-0.8	0.9	1.3	11.7	7.5	MULTI-ROSE ISAAC 7541-ET	76	MULTI ROSE JERSEYS INC
Daughters of KASH-IN SLUGGER-P-ET AJCA: JE840003126536278 (GT) JH1F NAAB: 7JE1526																	
JX HILMAR SLUGGER 347 {6}-P	840003132248010	36	161	757	76	44	2.92	3.8	-1.8	-1.4	0.4	1.1	17.8	7.5	JX HILMAR HARRIS 10 {5}-ET	78	AHLEM, CHARLES
YOSEMITE SLUGGER CHEKELO 37321	840003144137646	34	148	393	61	33	2.94	5.5	-0.9	-0.9	1.3	1.2	20.0	7.4	YOSEMITE CHEKELO LARIS 34987		RUSSELL, LARS WILLIAM
AHLEM SLUGGER DANIELA 52045	067952045	36	146	864	58	44	2.96	4.7	-1.8	-1.2	-0.3	1.4	19.0	8.3	AHLEM AXIS DANIELA 45965	83	AHLEM FARMS PARTNERSHIP
YOSEMITE SLUGGER ISAAC 37279	840003144137604	28	145	508	65	38	3.05	4.1	-1.4	-0.7	0.1	1.3	19.2	7.9	YOSEMITE ISAAC SANTIAGO 34962	82	YOSEMITE JERSEY DAIRY
Daughters of LJC TANAS VISIONARY VICTOR AJCA: JEUSA000118697239 (GT) JH1F NAAB: 7JE1417																	
CDF VICTOR CREDENTIAL W9488	840003141905905	34	148	748	54	37	2.88	5.1	-0.8	0.2	2.2	0.7	13.7	7.3	CDF CREDENTIAL LAYNE V5043		C & S LIVESTOCK
Daughters of MISSISKA MACKENZIE-ET AJCA: JECAN000107987355 (GT) JH1F NAAB: 200JE1007																	
BLUE MIST MACKENZIE SPRITE	173095908	40	149	608	61	37	2.98	6.3	-0.4	0.4	0.5	1.3	11.8	8.3	BLUE MIST METHOD SPRITE	82	GOMES JERSEY DAIRY, LLC
FOUR J MACKENZIE 23032	840003139710036	41	148	433	66	34	3.07	5.6	-0.7	-0.8	-0.7	1.8	18.8	8.3	FOUR J GAMEDAY 18545	83	FOUR J JERSEYS
MULTI-ROSE MACKENZIE 9318	840003137806117	32	148	464	61	38	3.04	5.6	-0.8	-0.5	-0.1	1.5	15.9	8.3	MULTI-ROSE DANON 7127	84	MULTI ROSE JERSEYS INC
MM MACKENZIE 21275	119796249	34	147	740	65	42	3.04	4.4	-0.2	0.4	0.9	1.1	8.6	7.9	MM BLADE 17837 {6}	79	MISTY MEADOW DAIRY
DUPAT MACKENZIE 17746	840003142713126	41	147	957	57	41	3.07	6.3	0.1	0.6	0.6	1.3	13.0	8.1	DUPAT FORMIDABLE 15199	74	WICKSTROM JERSEY FARMS INC
MULTI-ROSE MACKENZIE 10612	840003144831381	36	145	1,040	67	46	3.05	5.1	-1.2	-1.0	-0.5	1.8	16.7	8.9	MULTI-ROSE ARCHER 8478-ET		METZGER, DANA L
DUPAT MACKENZIE 17003	840003142712383	41	145	536	55	36	3.05	6.3	0.3	1.2	0.2	1.4	16.7	8.3	DUPAT ILLUSION 14238	79	WICKSTROM JERSEY FARMS INC
Daughters of O.F. MAINSTREAM AJCA: JEUSA000067198223 (GT) JH1F NAAB: 200JE1066																	
AHLEM MAINSTREAM DAHLIA 51543	075851543	34	159	1,034	63	44	2.87	6.1	-1.2	-0.6	1.0	1.5	13.1	8.1	AHLEM CHEKELO DAHLIA 47563-ET	80	AHLEM FARMS PARTNERSHIP

Name	Reg #	Rel	JPI	Parent Average										JUI	EFI	Dam	Dam Score	Owner
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT						
BW LEMONHEAD STARR B159	119699720	40	146	563	51	29	2.88	6.8	1.3	2.2	1.9	1.2	11.8	8.3	BW PHAROAH HOLLY Y68	83	BRENTWOOD FARMS	
Daughters of SUN VALLEY JIVE	AJCA: JEUSA000119191044 (GT)		JH1F		NAAB: 200JE1039													
FANELLI JIVE 1127	075911127	28	150	973	63	49	3.00	4.5	-0.7	-0.2	2.1	1.1	9.0	8.3	PHIL VICEROY F8752	76	FANELLI, PHIL V	
Daughters of SUNSET CANYON DAYBREAK-ET	AJCA: JEUSA000117250114 (GT)		JH1F		NAAB: 29JE3768													
B&B DAYBREAK 5757	840003010436840	33	147	799	48	42	3.02	5.6	0.4	1.4	3.6	0.4	0.9	8.6	SIL-MIST MEDIMAN CAMELIA CWYNN	80	B & B JERSEYS	
Daughters of SUNSET CANYON DETERMINATE-ET	AJCA: JEUSA000117335794 (GT)		JH1F		NAAB: 200JE9830													
AHLEM DETERMINATE TRACY 51959	075851959	42	147	517	59	27	2.98	6.3	-0.7	-0.4	0.8	1.8	26.2	8.4	AHLEM BALLISTIC TRACY 45443	85	AHLEM FARMS PARTNERSHIP	
Daughters of TJF VISIONARY REGENCY	AJCA: JEUSA000067248196 (GT)		JH1F		NAAB: 14JE662													
MULTI-ROSE REGENCY 9261	840003137806060	40	145	1,098	47	46	2.96	5.2	-0.3	1.0	2.4	1.4	13.9	8.5	AHLEM ISAAC CHARM 45339-ET	82	MULTI ROSE JERSEYS INC	
Daughters of VALSIGNA MARVEL CHEKELO	AJCA: JEUSA000118506982 (GT)		JH1F		NAAB: 11JE1207													
NYMAN CHEKELO 27173	119920028	30	151	554	56	35	2.83	6.4	0.1	1.0	3.1	1.0	6.6	8.2	NYMAN VICEROY 24202	80	NYMAN BROS	
CDF CHEKELO 85274	840003144029673	30	148	545	45	31	2.87	7.3	0.5	0.6	3.2	1.3	16.7	8.7	CDF REGAL 79764	78	CDFD-HARTLEY	
NYMAN CHEKELO 28482	173117565	29	147	540	50	28	2.76	8.0	0.3	0.8	2.8	1.2	12.2	8.5	LIVE OAK IVORY 25136		LIVE OAK DAIRY	
NYMAN CHEKELO 27153	119919833	30	146	574	54	35	2.86	6.7	0.0	0.6	3.3	1.0	7.2	8.3	NYMAN VICEROY 24175	77	NYMAN BROS	
NYMAN CHEKELO 27438	172908997	30	146	616	56	37	2.88	5.8	-0.2	0.6	3.1	0.9	6.5	8.2	NYMAN VICEROY 24203	77	NYMAN BROS	
Daughters of VERJATIN WESTSTAR-ET	AJCA: JECAN000109411770 (GT)		JH1F		NAAB: 200JE1064													
AVI-LANCHE WESTSTAR DAKOTA 19149	840003131412537	35	147	976	54	42	2.92	5.4	0.5	1.4	0.8	1.0	9.6	7.8	JX AVI-LANCHE MONUMENT DAKOTA 15808 (6)	74	AVILA RICHARD & JENNIFER M	
Daughters of WILSONVIEW JEVON MAGNUM-ET	AJCA: JEUSA000067010044 (GT)		JH1F		NAAB: 203JE927													
FOOTHILL MAGNUM 25291	840003138932208	36	145	841	71	41	2.94	3.6	1.0	0.7	-0.5	0.1	-2.1	7.3	FOOTHILL BRIER 19368 (6)	77	AHLEM FOOTHILL FARMS	
Daughters of WINDHAVENS VISIONARY PRINCE	AJCA: JEUSA000118065166 (GT)		JH1C		NAAB: 14JE606													
AHLEM PRINCE HARMONY 52215-ET	067952215	41	145	831	39	36	2.91	6.8	0.2	1.0	1.6	1.5	17.4	9.4	AHLEM HEADLINE HARMONY 37641	90	AHLEM FARMS PARTNERSHIP	

Section V

Generation Count 3 through 6: Traditional Evaluations

Generation Count 3 - 6: Top Heifers for Parent Average JPI™ December 2017

This list ranks the top heifers recorded at Generation Counts 3 through 6 for Parent Average Jersey Performance Index™ (JPI). The list is organized by sire groups. Heifers must be no older than three years of age on December 1, 2017.

Name	Reg #	Rel	JPI	Parent Average										Dam	Dam Score	Owner	
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				EFI
Daughters of AHLEM AXIS BANCROFT-ET AJCA: JEUSA000073409475 (GT) JH1F NAAB: 29JE3991																	
JX FOREST GLEN BANCROFT BRINDISI {6}	067784015	35	172	1,301	52	52	2.89	5.8	-0.4	0.5	1.9	1.3	14.6	8.7	JX FOREST GLEN HARRIS BRINDISI {5}		FOREST GLEN JERSEYS
JX FOREST GLEN BANCROFT JAS {6}	067753932	30	163	1,168	54	47	2.90	6.3	-1.0	0.1	0.9	1.5	12.9	8.6	JX FOREST GLEN HARRIS JASMINE {5}	87	BANSEN, DAN K
Daughters of CAL-MART BARRICADE AJCA: JEUSA000067384455 (GT) JH1F NAAB: 29JE4044																	
JX AVI-LANCHE BRRICDE PETUNIA 19175 {4}-ET	840003131412563	35	191	732	71	45	2.83	7.1	0.1	0.4	1.8	1.7	19.2	7.6	JX AVI-LANCHE MARLO PETUNIA 15782 {3}	80	AVILA RICHARD & JENNIFER M
JX AVI-LANCHE BARRICADE LELIA 19477 {3}	840003131412865	34	173	1,094	63	51	2.80	4.8	-0.6	0.0	1.5	1.0	13.1	5.5	JX AVI-LANCHE HARRIS LELIA 13497 {2}	83	AVILA RICHARD & JENNIFER M
JX AVI-LANCHE BARRICADE PLUM 18848 {4}-ET	840003131412236	35	168	725	61	38	2.83	5.6	1.0	1.0	2.8	1.3	17.6	7.2	JX AVI-LANCHE MARLO PLUM 15372 {3}-ET	85	AVILA RICHARD & JENNIFER M
JX AVI-LANCHE BARRICADE PLUM 18909 {4}-ET	840003131412297	35	168	725	61	38	2.83	5.6	1.0	1.0	2.8	1.3	17.6	7.2	JX AVI-LANCHE MARLO PLUM 15372 {3}-ET	85	AVILA RICHARD & JENNIFER M
JX AVI-LANCHE BRICADE HORIZON 19532 {6}-ET	840003131412920	35	163	868	67	50	2.85	3.8	-0.8	0.0	2.2	0.8	6.1	7.6	JX AVI-LANCHE HARRIS HORIZON 16031 {5}-ET		AVILA RICHARD & JENNIFER M
Daughters of CAL-MART MEDALIST PILGRIM AJCA: JEUSA000118113935 (GT) JH1F NAAB: 29JE3860																	
JX CAL-MART PILGRIM SIGRI 9477 {5}	067389477	41	179	1,105	60	49	2.94	5.0	2.6	3.3	2.4	1.1	13.0	7.6	JX CAL-MART LEONEL SHEREE 7739 {4}	79	MARTIN DAIRY LLC
Daughters of CAL-MART PILGRIM DANKO AJCA: JEUSA000067294365 (GT) JH1C NAAB: 1JE925																	
JX YOSEMITE DANKO LEONEL 37236 {5}-ET	840003144137561	35	173	597	57	38	2.82	6.2	2.4	2.6	2.1	0.7	10.9	7.5	JX YOSEMITE LEONEL KILOWATT 34334 {4}	78	RUSSELL, COLIN R
Daughters of CDF IRWIN STEVE AJCA: JE840003006436334 (GT) JH1C NAAB: 11JE1259																	
BAR MB STEVE TOPAZ 14497 {3}	840003143547925	27	170	713	69	39	2.88	5.9	0.1	0.4	2.4	1.5	15.7	8.6	BAR MB CHROME TOPAZ 11598 {2}	76	BOER JERSEYS
Daughters of CDF LAYNE IVORY-ET AJCA: JE840003006436390 (GT) JH1F NAAB: 11JE1211																	
JX FOOTHILL IVORY 25254 {6}	840003138932171	32	168	1,287	62	56	2.96	5.5	-0.5	-0.5	1.6	0.7	7.5	8.5	JX FOOTHILL HOBBIT 21195 {5}	84	AHLEM FOOTHILL FARMS
JX JCJ IVORY 37386 {6}	840003140806857	40	167	1,574	62	58	2.87	5.4	-1.5	-0.7	1.4	0.4	8.9	8.6	JX JCJ HARRIS 32880 {5}	72	AHLEM, JAMES
Daughters of CDF VICEROY-ET AJCA: JE840003002447507 (GT) JH1F NAAB: 11JE1179																	
JX FOOTHILL VICEROY 24674 {6}	840003135649018	33	183	895	87	54	3.09	4.8	0.4	0.8	3.2	0.6	2.3	8.6	JX FOOTHILL REGAL 20821 {5}	77	AHLEM FOOTHILL FARMS
FOOTHILL VICEROY 24875 {5}	840003135649219	34	175	1,223	74	49	3.00	5.6	0.2	1.2	3.8	0.9	9.7	8.3	FOOTHILL PERFORM 20704 {4}	83	AHLEM FOOTHILL FARMS
JX HILMAR VICEROY 6449 {5}	840003134978257	33	171	1,239	65	56	3.06	4.4	1.0	1.8	4.4	0.6	4.7	7.7	JX HILMAR BLADE 49147 {4}		AHLEM, CHARLES
JX YOSEMITE VICEROY LEONEL 36864 {5}	840003142355296	39	170	1,502	63	57	3.05	5.2	0.7	1.1	2.2	0.8	10.6	8.1	JX YOSEMITE LEONEL GANNON 34255 {4}	81	RUSSELL, COLIN R
RED TOP VICEROY 40614 {5}	840003143915142	32	170	1,158	69	52	3.08	5.3	0.5	1.2	3.4	0.8	7.6	8.5	RED TOP REGAL 33077 {4}	79	RED TOP JERSEYS
JX JCJ VICEROY 37655 {6}	840003140807126	32	169	1,284	69	49	3.02	4.9	0.8	1.5	2.9	0.6	10.9	8.2	JX JCJ HARRIS 32928 {5}	80	AHLEM, JAMES
JX RED TOP VICEROY 41738 {5}	840003146061144	31	168	1,330	72	55	2.99	4.5	0.1	0.6	2.0	0.3	6.3	8.2	JX RED TOP TRAJECTORY 33325 {4}	77	RED TOP JERSEYS
JX CDF VICEROY 84080 {6}	840003142471868	32	168	1,054	66	51	3.04	5.1	0.6	0.8	3.2	0.9	9.7	8.5	JX CDF REGAL 78683 {5}	80	CDFD-HARTLEY
JX HILMAR VICEROY 6284 {5}	840003134978092	31	167	1,354	68	58	3.05	4.5	0.4	1.0	2.6	0.7	5.2	8.1	JX HILMAR TRAJECTORY 49353 {4}		AHLEM, CHARLES
JX BAMBOO VICEROY 4734 {5}	840003134128920	33	166	1,148	66	53	3.09	4.2	1.1	1.3	2.5	0.7	4.5	8.1	JX HILMAR AMITY 48412 {4}	82	CMA LIVESTOCK
RED TOP VICEROY 41760 {6}	840003146061166	32	164	1,143	61	51	3.00	4.6	0.7	1.7	4.3	0.6	6.3	8.0	RED TOP BLADE 33693 {5}	78	RED TOP JERSEYS
JX HILMAR VICEROY 6049 {5}	840003134977857	32	164	1,012	61	51	3.06	5.1	0.8	1.2	3.5	1.0	9.2	8.5	JX HILMAR REGAL 48900 {4}		AHLEM, CHARLES
CDF VICEROY 83879 {3}	840003141204005	32	164	1,152	63	52	3.03	4.8	0.4	1.0	3.6	0.9	8.1	8.5	CDF REGAL 78703 {2}	79	CDFD-HARTLEY
CDF VICEROY 84000 {5}	840003142471788	31	164	1,093	73	48	3.03	4.3	0.2	0.7	2.4	0.7	4.6	8.1	CDF CREDENTIAL 78615 {4}	78	CDFD-HARTLEY
Daughters of CO-OP AD WORLD CUP {5}-ET AJCA: JE840003126073776 (GT) JH1F NAAB: 1JE935																	
RIVER VALLEY WLD CUP SARINE 5710 {6}-ET	067445710	34	180	722	72	42	2.77	5.8	-0.4	0.4	2.3	1.3	14.8	7.6	RIVER VALLEY SAXONP SARINE 1583 {6}-ET		RIVER VALLEY FARM
JX ROWLEYS 1568 WORLD CUP 1920 {4}	067581920	34	178	840	53	41	2.86	7.9	1.2	1.5	2.8	1.2	15.2	8.4	JX ROWLEYS 1092 MARLO 1568 {3}-ET		ROWLEY, STEVE
JX AVI-LANCHE WORLD CUP MILLIE 1855 {6}-ET	840003131411946	35	176	839	61	48	2.88	5.6	-0.6	0.9	2.3	1.3	17.9	8.5	JX HEARTLAND HARRIS MILLIE {5}-ET	84	AVILA RICHARD & JENNIFER M

Name	Reg #	Rel	JPI	Parent Average										Dam	Dam Score	Owner	
				Milk	Fat	Prot	SCS	PL	DPR	CCR	HCR	PTAT	JUI				EFI
JX AVI-LANCHE GOT MAID KATEE 19327 {6}-ET	840003131412715	36	168	844	65	41	2.76	5.8	-0.5	0.3	1.8	1.3	13.0	8.1	AVI-LANCHE DAZZLER KATEE 12637	84	AVILA RICHARD & JENNIFER M
JX HOLE IN ONE GOT MAID 17714 {6}-ET	840003142713094	36	167	1,212	75	55	2.93	4.1	-2.0	-1.2	0.2	1.4	11.6	8.1	PRO-HART CREDIBULL CHARMIN-P-ET	82	HOLE IN ONE SYNDICATE
JX PRIMUS GOTMAID PHARO 350 {5}-ET	840003132248013	36	167	1,318	53	48	2.86	6.2	0.4	1.1	1.5	1.5	15.6	7.5	JX JCJ PHAROAH 33329 {4}	83	JERSEYLAND SIRES
JX PRIMUS GOTMAID PHARO 352 {5}-ET	840003132248015	36	167	1,318	53	48	2.86	6.2	0.4	1.1	1.5	1.5	15.6	7.5	JX JCJ PHAROAH 33329 {4}	83	JERSEYLAND SIRES
JX FOREST GLEN GOT MAID MILTON {6}-ET	067753899	35	167	737	64	44	2.75	5.1	-0.6	0.6	3.0	0.5	4.2	6.3	FOREST GLEN DIMENSION MONDAY	77	BANSEN, DAN K
JX FOREST GLEN GOT MAID MONEY {6}-ET	067753636	35	167	737	64	44	2.75	5.1	-0.6	0.6	3.0	0.5	4.2	6.3	FOREST GLEN DIMENSION MONDAY	77	BANSEN, DAN K
JX FOREST GLEN GOT MAID MILLICENT {6}-ET	067753579	35	167	737	64	44	2.75	5.1	-0.6	0.6	3.0	0.5	4.2	7.8	FOREST GLEN DIMENSION MONDAY	77	BANSEN, DAN K
JX FOREST GLEN GOT MAID MALICE {6}-ET	067753743	35	167	737	64	44	2.75	5.1	-0.6	0.6	3.0	0.5	4.2	6.3	FOREST GLEN DIMENSION MONDAY	77	BANSEN, DAN K
JX FOREST GLEN GOT MAID TREBLE {6}	067753562	35	165	1,052	67	46	2.84	5.3	-0.1	0.3	0.5	1.0	10.9	8.3	JX FOREST GLEN VIABULL TREMOR {5}	80	BANSEN, DAN K
JX FOREST GLEN GOT MAID IRIS {6}-ET	067753777	35	164	1,281	64	57	2.81	4.1	-1.6	-1.1	1.0	0.8	5.7	7.1	JX FOREST GLEN HARRIS IRONEE {5}	76	FOREST GLEN JERSEYS
JX FOREST GLEN GOT MAID IRENE {6}-ET	067753656	35	164	1,281	64	57	2.81	4.1	-1.6	-1.1	1.0	0.8	5.7	7.1	JX FOREST GLEN HARRIS IRONEE {5}	76	FOREST GLEN JERSEYS
JX SUNSET CANYON GM MAID 3068 {6}-ET	173154775	35	164	853	77	49	2.86	4.2	-1.5	-1.1	1.8	0.9	5.5	7.5	SUNSET CANYON DIMENSIONS V MAID		SILVA, ERIC LEONARD

Daughters of MISSISKA MACKENZIE-ET		AJCA: JECAN000107987355 (GT)										JH1F		NAAB: 200JE1007			
JX DUPAT MACKENZIE 17687 {5}	840003142713067	40	168	880	81	50	3.04	5.0	-1.1	-0.7	-0.2	1.3	11.3	8.5	JX DUPAT LEONEL 15155 {4}	76	WICKSTROM JERSEY FARMS INC
JX DUPAT MACKENZIE 17653 {5}	840003142713033	40	166	962	81	51	3.01	5.1	-1.1	-0.6	0.1	1.1	5.9	8.3	JX DUPAT LEONEL 15131 {4}	77	WICKSTROM JERSEY FARMS INC

Daughters of OAKLANE DAZZLER DISCO 2127-ET		AJCA: JEUSA000067742127 (GT)										JH1F		NAAB: 7JE1528			
JX AVI-LANCHE DISCO SYRIA 19587 {4}	840003131412975	33	188	923	65	37	2.94	8.3	1.8	2.5	2.6	1.5	22.7	5.9	JX AVI-LANCHE VICEROY SYRIA 16144 {3}		AVILA RICHARD & JENNIFER M
JX PRIMUS DISCO HRRIS 288 {6}-ET	840003132247951	36	172	744	59	37	2.84	7.4	-0.2	1.1	2.3	1.4	22.7	8.2	JX RIVER VALLEY HRRIS FIREFLY {5}-ET	79	JERSEYLAND SIRES
JX DUPAT DISCO 17854 {5}	840003142713234	34	172	697	54	32	2.80	7.9	1.3	2.2	1.8	1.4	23.5	7.2	JX DUPAT LEONEL 15179 {4}		WICKSTROM JERSEY FARMS INC
CDF DISCO 19442 {6}	840003141905859	36	168	799	52	35	2.81	8.0	-0.9	-1.1	0.8	2.2	29.0	9.0	CDF MARCIN ANBAR T6535 {5}	86	C & S LIVESTOCK
JX AVI-LANCHE DISCO MYRA 18850 {5}-ET	840003131412238	36	165	639	42	29	2.87	8.2	1.3	1.8	2.9	1.4	24.8	7.9	JX D&E DAYBREAK MYRA 7159 {4}	86	AVILA RICHARD & JENNIFER M

Daughters of RIVER VALLEY CECE CHROME-ET		AJCA: JE840003012423929 (GT)										JH1F		NAAB: 7JE5004			
JX GOFF CHROME 32540 {3}	075832540	34	168	1,304	60	42	2.87	6.7	0.5	0.9	1.6	1.9	19.9	7.8	JX GOFF CHRONICLE 23071 {2}	87	GOFF, BUSTER
BAR MB CHROME LILLY 14409 {4}	840003143547837	34	168	1,013	59	38	2.86	6.1	0.7	1.2	2.9	1.7	24.0	9.2	BAR MB VOLCANO LILLY 10234 {3}	80	BOER JERSEYS

Daughters of RIVER VALLEY CIRCUS CRAZE-ET		AJCA: JEUSA000075341001 (GT)										JH1F		NAAB: 200JE10001			
JX KASH-IN CRAZE 53745 {6}-ET	840003145402173	35	180	1,087	58	43	2.84	7.4	0.4	1.1	1.6	1.6	21.8	8.8	JX KASH-IN HARRIS 48481 {5}-ET		RANCHO TERESITA DAIRY
JX KASH-IN CRAZE 53763 {6}-ET	840003146829927	35	180	1,087	58	43	2.84	7.4	0.4	1.1	1.6	1.6	21.8	8.8	JX KASH-IN HARRIS 48481 {5}-ET		RANCHO TERESITA DAIRY
JX KASH-IN CRAZE 53786 {6}-ET	840003146829950	35	180	1,087	58	43	2.84	7.4	0.4	1.1	1.6	1.6	21.8	8.8	JX KASH-IN HARRIS 48481 {5}-ET		RANCHO TERESITA DAIRY

Section VI

Herds

REAP Herds Ranked by Average Jersey Performance Index™ (JPI)

The top 25% of herds ranked by average Jersey Performance Index™ are listed. Herds must be enrolled in the AJCA REAP program and have a minimum of 10 cows with JPIs. The average includes only Herd Register and Generation Count 4, 5 and 6 cows that have calved within the past 15 months with no termination code associated with the current lactation. Herds with same JPI average are ranked by the average for PTA protein.

Dec 2017		PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI	
Breed Averages and Standard Deviations based on 106,130 cows in 788 currently enrolled REAP herds.		Brd Avg	218	17	11	165	157	139	130	47
		Std Dev	566	22	17	157	151	142	134	45

Dec 2017 AJCA Herd PTA Averages Ranked by Jersey Performance Index™

Herd #	Herd Name	# Cows	% GT	PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI
35-25-0350	LAUFENBERG, GERALD MOUNT HOREB, WI	21	100	657	35	24	349	338	315	280	98
92-23-0426	MARTIN DAIRY LLC TILLAMOOK, OR	1,014	98	486	38	25	345	327	284	276	96
42-06-0056	FRANCK, NATHAN NEWHALL, IA	16	100	255	44	18	340	322	280	275	92
35-57-0960	ALLEN, DAVID REEDSBURG, WI	102	97	641	34	26	311	300	274	238	87
23-15-7000	SEXING TECHNOLOGIES / ACCOUNTING DEPT NAVASOTA, TX	138	97	484	35	22	302	290	262	249	85
11-20-0296	TAYLOR BROTHERS SAINT ALBANS, ME	294	97	927	33	29	288	285	281	229	82
31-06-1141	INTERNATIONAL GENETICS/B YOUNG COLLINGWOOD, ON	10	90	388	31	21	299	282	242	215	82
13-03-0223	PEARL, WILLIAM H BARNET, VT	79	92	474	25	22	276	263	232	221	79
51-11-0229	ST BRIGIDS FARM KENNEDYVILLE, MD	60	53	694	25	24	265	258	243	213	77
35-36-1359	D & D JERSEYS NEWTON, WI	88	89	486	31	23	271	258	229	204	76
31-38-1380	KOZAK, ALAN MILLERSBURG, OH	357	99	303	26	17	269	255	221	225	76
93-24-1139	LIVE OAK DAIRY HILMAR, CA	288	2	612	27	23	257	248	230	202	75
35-59-0814	HEINZ, LLOYD SHAWANO, WI	88	98	409	29	21	265	251	219	212	75
34-08-0869	SAND CREEK DAIRY LLC HASTINGS, MI	142	96	286	31	15	272	261	235	219	75
35-36-1446	SMITH, AMANDA C DENMARK, WI	10	40	530	19	22	244	231	203	201	73
92-23-0233	WILSONVIEW DAIRY TILLAMOOK, OR	473	90	501	29	21	260	250	228	204	73
57-31-0502	BERRY COLLEGE MOUNT BERRY, GA	32	100	501	26	19	257	248	229	196	73
93-24-0079	NYMAN BROS HILMAR, CA	935	3	564	26	22	247	239	221	199	72
93-24-0632	AHLEM, JAMES HILMAR, CA	2,523	14	594	26	22	236	230	215	190	70
93-24-1175	RED TOP JERSEYS HILMAR, CA	2,946	8	507	29	22	237	226	201	186	70
93-24-0534	WICKSTROM JERSEY FARMS INC HILMAR, CA	2,105	33	582	26	22	234	226	208	186	69
21-18-0569	DEN KEL JERSEYS LLC BYRON, NY	74	89	379	29	21	245	228	189	179	69
93-24-1052	SUNWEST JERSEY DAIRY HILMAR, CA	1,368	39	487	24	19	239	231	214	192	69
46-06-0268	CROSSWIND JERSEYS ELKTON, SD	847	40	467	22	19	232	224	205	194	69
23-43-0295	VAN DE JERSEYS TRANSFER, PA	326	69	98	23	12	247	230	192	202	69
93-24-1151	LIVE OAK DAIRY HILMAR, CA	490	1	540	24	21	232	224	208	188	68
92-20-0074	FOREST GLEN JERSEYS DAYTON, OR	1,752	49	478	27	21	237	226	201	192	68
23-21-4557	MOUNT ROCK JERSEYS LLC NEWVILLE, PA	436	37	510	26	20	235	226	206	190	68
93-24-0224	AHLEM FARMS PARTNERSHIP HILMAR, CA	2,940	77	397	21	17	237	228	209	187	68
35-27-0661	SPRING CREEK FARMS HIXTON, WI	83	40	435	27	21	232	219	189	188	67
31-85-1157	CANTENDO ACRES-GRAZELAND JERSEYS WOOSTER, OH	52	46	636	27	24	224	216	198	178	66
31-45-0129	COOPERRIDER & SONS CROTON, OH	120	82	605	25	23	237	230	215	176	66
23-20-0326	SPRUCE ROW FARM, INC. MEADVILLE, PA	256	20	538	25	22	227	217	196	179	66
93-24-1009	WICKSTROM DAIRIES L.P. HILMAR, CA	2,879	56	607	23	20	228	225	217	175	66
93-24-0331	C & S LIVESTOCK HILMAR, CA	2,106	41	457	23	18	227	219	203	183	66

AJCA Herd PTA Averages Ranked by Jersey Performance Index™

Herd #	Herd Name	# Cows	% GT	PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI
50-30-0069	RICHFIELD FARMS INC GREENWOOD, DE	81	37	400	24	18	232	221	197	192	66
23-03-0154	GARDNER MARK & SHANNON DAYTON, PA	296	95	340	24	17	239	228	202	193	66
41-79-0758	LEHNERTZ, TRAVIS PLAINVIEW, MN	90	93	359	24	16	242	233	212	190	66
92-20-0295	DIAMOND VALLEY DAIRY SALEM, OR	132	75	341	26	16	237	226	201	192	66
92-23-0370	HOGAN, DAVID L TILLAMOOK, OR	1,826	7	506	35	23	236	224	198	184	65
74-95-4502	AVILA RICHARD & JENNIFER M DALHART, TX	2,042	58	548	25	21	230	222	205	175	65
93-50-1193	AHLEM FOOTHILL FARMS TURLOCK, CA	2,207	2	516	25	20	224	217	202	181	65
35-59-1096	STEINHAUERS JERSEYS MATTOON, WI	159	31	409	23	18	220	210	188	176	65
31-39-9020	ALBRIGHT JERSEYS LLC WILLARD, OH	419	21	403	21	18	222	212	190	183	65
65-06-0092	ROWLEY, STEVE FOXWORTH, MS	130	70	434	24	17	226	217	198	176	65
55-79-0002	MOORE, BRIAN J MOUNT ULLA, NC	25	20	196	19	13	230	217	186	191	65
31-38-4607	MILLER, LEROY FREDERICKSBURG, OH	53	89	-29	25	9	235	219	181	180	65
93-50-1235	CHATEAU BASQUE JERSEYS CERES, CA	938	44	472	24	19	221	213	195	170	64
52-82-4503	MOLE HILL DAIRY LLC DAYTON, VA	63	52	346	20	16	226	215	192	185	64
31-38-1140	SPRING VALLEY FARM MILLERSBURG, OH	60	3	229	25	16	220	204	168	177	64
48-72-0055	MEIER, TONY PALMER, KS	69	91	435	19	17	227	219	201	176	63
11-15-0190	SILVER MAPLE FARMS INC ALBION, ME	124	85	420	21	17	229	220	201	167	63
48-89-0166	ANYKING DAIRY CENTRALIA, KS	47	89	365	25	16	228	219	198	176	63
92-23-0652	LEGENDAIRY FARMS BEAVER, OR	329	61	119	27	14	230	212	170	180	63
55-44-0003	FARMSIDE FARMS ALEXANDER, NC	36	11	460	21	19	209	200	180	161	62
23-59-0592	CLEVELAND WILLIAM L & BARBARA A WELLSBORO, PA	63	6	414	24	20	205	192	163	164	61
93-24-0571	YOSEMITE JERSEY DAIRY HILMAR, CA	1,895	79	384	20	15	213	206	191	167	61
74-95-4513	BOER JERSEYS DALHART, TX	451	27	346	23	15	211	203	185	169	61
33-78-0522	BOHNERT JERSEYS EAST MOLINE, IL	454	37	293	21	15	213	203	180	171	61
92-23-0452	SILVA, ERIC LEONARD BEAVER, OR	359	91	95	30	12	230	215	181	167	61
41-47-0691	WAGNER LEONARD & FAMILY LITCHFIELD, MN	425	1	642	24	22	208	204	195	170	60
13-12-0114	MOLLY BROOK FARMS WEST DANVILLE, VT	68	68	509	25	21	209	200	180	162	60
23-54-0005	RHEIN, CRAIG A PINE GROVE, PA	116	47	458	22	19	213	204	185	160	60
93-34-0322	STAAS FARM INC MARYSVILLE, CA	685	11	365	25	18	207	195	166	159	60
93-24-0595	DIAS FAMILY DAIRY HILMAR, CA	243	2	388	25	17	214	205	184	173	60
93-24-1467	VIERRA DAIRY FARMS HILMAR, CA	426	57	379	23	16	211	203	187	163	60
93-50-1198	TWIN STAR DAIRY TURLOCK, CA	354	52	347	26	15	211	203	183	169	60
92-23-0458	GOMES JERSEY DAIRY, LLC TILLAMOOK, OR	368	53	255	27	15	220	208	178	169	60
88-01-9002	MILLS JERSEY FARM LLC FALLON, NV	340	50	441	27	17	217	210	193	179	59
63-22-0017	BELLVIEW FARM /HAROLD L & GLEN BELL DRESDEN, TN	83	1	323	24	16	207	195	169	162	59
92-23-0481	SUN VALLEY FARM CLOVERDALE, OR	497	43	204	27	15	213	199	165	164	59
42-60-0851	ROCK BOTTOM DAIRY ALVORD, IA	309	24	137	21	14	208	194	159	164	59
21-05-0695	SPRUCE HAVEN FARM LLC UNION SPRINGS, NY	73	100	531	33	19	205	201	193	143	58
13-03-0360	LUCKY HILL FARM DANVILLE, VT	150	81	303	22	15	208	197	172	151	58
48-44-0289	YODER, SAMUEL L HUTCHINSON, KS	30	60	283	21	15	200	188	160	169	58
93-24-0555	FANELLI DAIRY HILMAR, CA	787	29	285	22	13	196	188	170	163	58
48-44-0287	YODER, MERLE HUTCHINSON, KS	91	54	241	20	13	203	193	168	166	58
92-23-0140	PETERSON ERIC & ROY TILLAMOOK, OR	279	15	92	22	12	201	185	147	171	58
63-46-0018	BOYD-LEE JERSEYS PARROTTSVILLE, TN	59	32	315	29	17	211	199	172	167	57
93-54-0691	FOUR J JERSEYS TIPTON, CA	1,553	87	332	24	16	204	195	172	154	57
46-34-0120	OAK LANE JERSEYS ALEXANDRIA, SD	161	55	370	21	15	200	193	177	160	57
93-49-0295	HUGHES RICHARD & MARILYN BODEGA, CA	186	12	-56	22	7	200	182	142	186	57
93-24-1162	AHLEM, JAMES HILMAR, CA	473	6	501	20	18	189	184	174	156	56
42-82-0161	MAXWELL JOHN & EDWIN DONAHUE, IA	249	100	498	21	18	205	199	187	153	56
92-20-0303	SAR-BEN FARMS INC SAINT PAUL, OR	116	0	458	22	17	194	188	174	156	56

AJCA Herd PTA Averages Ranked by Jersey Performance Index™

Herd #	Herd Name	# Cows	% GT	PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI
74-97-7007	CDFD-HARTLEY HARTLEY, TX	2,782	7	402	20	15	190	184	171	150	56
56-39-0020	CLEMSON UNIVERSITY/DAIRY FARM CLEMSON, SC	51	61	388	18	15	199	192	178	146	56
23-59-7050	NORMANDELL FARMS LIBERTY, PA	65	34	376	20	15	195	187	168	155	56
92-20-0077	FOREST GLEN JERSEYS DAYTON, OR	277	40	315	21	15	196	186	164	162	56
92-23-0649	WOODS, GREG BEAVER, OR	155	15	127	23	13	199	184	150	165	56
31-38-1359	KLINE, DAVID SHREVE, OH	46	61	143	23	12	193	181	152	144	56
13-09-0435	WRIGHT DERRICK OR BEVERLY RANDOLPH, VT	36	14	109	20	12	194	178	142	161	56
13-14-0615	RICHARDSON FAMILY FARM WOODSTOCK, VT	51	2	105	22	11	197	180	143	168	56
93-54-0735	JER-Z-BOYZ RANCH PIXLEY, CA	4,070	19	69	27	10	212	197	164	165	56
31-85-1373	CROWN HILL JERSEYS STERLING, OH	12	92	-226	20	4	204	186	142	156	56
35-60-0729	WILTERDINK, DON SHEBOYGAN FLS, WI	59	5	356	30	18	195	184	157	141	55
43-14-0051	KIRCHDOERFER, JOE CPE GIRARDEAU, MO	151	98	355	18	14	193	187	175	151	55
21-10-0357	DUTCH HOLLOW FARM SCHODACK LANDING, NY	601	58	280	19	13	198	189	169	148	55
93-50-1216	AHLEM FARMS PARTNERSHIP HILMAR, CA	2,459	60	294	15	12	191	185	171	149	55
74-81-0163	REFUGE DAIRY KERENS, TX	370	35	245	18	12	188	179	160	169	55
31-85-0057	STEINER, AARON BURBANK, OH	62	76	207	19	12	194	183	157	155	55
91-34-0169	BAKER ROBERT T OR JANET A ENUMCLAW, WA	153	1	311	24	16	200	189	164	156	54
35-65-0179	VANDELL FARMS INC SHARON, WI	98	8	418	22	15	183	177	165	148	54
35-11-0803	ENDRES JAZZY JERSEYS LODI, WI	576	21	348	23	15	192	183	165	156	54
93-54-0855	RANCHO TERESITA DAIRY TULARE, CA	1,620	77	248	20	13	197	188	167	147	54
46-60-0025	GRABER JERSEY FARMS PARKER, SD	24	96	233	21	13	207	197	174	165	54
11-10-0132	LOWELL FAMILY FARM BUCKFIELD, ME	89	3	79	23	12	196	179	140	169	54
21-05-0669	COOK, WILLIAM J AURORA, NY	29	93	59	14	8	203	191	164	153	54
86-01-9447	MOUNTAIN SHADOW DAIRY LITCHFIELD PARK, AZ	520	45	471	22	18	190	184	170	151	53
55-44-0089	BILTMORE FARMS FLETCHER, NC	332	10	440	19	17	182	176	162	144	53
23-31-4542	WINGERT FARMS ALEXANDRIA, PA	26	0	378	21	15	187	179	162	153	53
12-12-0287	MASON SCOTT & HEIDI NORTH STRATFORD, NH	91	23	279	21	15	183	171	142	150	53
21-55-0965	RUDGERS, LYMAN ATTICA, NY	111	21	347	20	14	182	175	158	146	53
88-01-0073	ALVES, ISIDRO FALLON, NV	23	30	237	27	14	191	180	152	133	53
93-24-1194	AHLEM FARMS PARTNERSHIP HILMAR, CA	1,357	53	289	16	13	180	173	156	143	53
63-23-0004	BARHAM JERSEY FARM CALHOUN, TN	161	59	264	20	12	193	185	169	150	53
93-24-1199	NYMAN BROS HILMAR, CA	316	2	431	20	16	176	171	160	140	52
35-37-2746	JENKS, WILLIAM H (JIM) MARATHON, WI	518	21	379	20	16	180	173	158	134	52
35-03-4575	WINTER BOB & DARLENE CHETEK, WI	20	65	421	20	15	181	177	167	137	52
31-72-9017	KING HOWARD & FAMILY FREMONT, OH	160	34	322	16	14	182	175	158	146	52
35-54-1093	BARLASS JERSEYS LLC JANESVILLE, WI	439	38	296	18	14	182	174	153	146	52
31-38-0051	HYLAND ACRES JERSEYS LTD BIG PRAIRIE, OH	497	4	288	18	14	180	172	153	143	52
21-30-0987	CARLSON, CHERYL A TULLY, NY	38	24	-9	28	11	192	174	132	134	52
41-00-0209	HICKORY HILL FARMS INC HOSPERS, IA	20	0	191	12	10	172	166	152	147	52
33-87-0722	RIVER VALLEY FARM MORTON, IL	181	97	-12	17	8	194	181	151	144	52
31-15-1089	LINDSAYS PINE HILL JERSEY FARM NEW WATERFORD, OH	549	12	272	19	15	176	165	140	142	51
31-49-9063	OHIO STATE UNIVERSITY COLUMBUS, OH	138	55	321	18	14	179	172	156	137	51
21-42-0398	SCOTCH VIEW FARMS STAMFORD, NY	99	37	272	16	14	178	169	147	140	51
21-26-0789	GLEN MEADOWS FARM FULTONVILLE, NY	234	18	270	20	14	180	170	148	140	51
52-98-0014	HUFFARD DAIRY FARMS CROCKETT, VA	385	26	472	18	17	173	168	157	132	50
33-77-0313	CLOVER FARMS DUNDAS, IL	1,275	15	494	16	16	173	171	168	140	50
93-10-0658	GREEN VALLEY DAIRY KERMAN, CA	781	3	302	25	15	182	172	151	140	50
13-08-0290	KEEWAYDIN FARM STOWE, VT	57	11	222	27	15	181	168	137	143	50
65-06-0001	RIALS FARM KOKOMO, MS	139	37	381	20	14	172	167	155	135	50
21-19-0135	TUTTLE, SCOTT O WINDHAM, NY	43	0	273	18	14	182	174	154	141	50

AJCA Herd PTA Averages Ranked by Jersey Performance Index™

Herd #	Herd Name	# Cows	% GT	PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI
23-43-0210	IRISHTOWN ACRES GROVE CITY, PA	514	14	222	19	14	176	164	137	141	50
42-84-0403	HETTINGA, JASON ORANGE CITY, IA	73	41	168	19	12	177	165	138	136	50
35-34-0413	EVERGREEN DAIRY ANTIGO, WI	171	11	158	22	10	179	169	147	155	50
82-29-0213	HAWARDEN JERSEYS INC WESTON, ID	122	78	-188	18	7	189	169	122	146	50
93-16-0422	DERAADT, JAKE LEMOORE, CA	26	12	352	23	16	167	157	134	126	49
55-48-0101	LEAMON, DENNIS T STATESVILLE, NC	180	12	375	19	15	174	167	153	135	49
55-39-0001	MOYE, NEIL AYDEN, NC	79	71	314	21	13	176	170	157	142	49
43-31-0197	BRIXEY JAMES & JANA NORWOOD, MO	38	0	264	24	12	169	162	144	141	49
35-28-0997	KUTZ DAIRY LLC JEFFERSON, WI	1,651	10	176	20	12	172	161	135	138	49
23-41-4540	DERR MATTHEW L AND ALICIA C LINDEN, PA	69	20	349	20	15	167	160	145	137	48
35-49-0017	OWENS FARMS INC FREDERIC, WI	743	57	302	19	15	171	162	141	137	48
52-60-6014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	43	70	478	20	14	180	178	176	152	48
93-50-1185	FISCALINI FARMS MODESTO, CA	78	73	416	10	14	166	164	159	136	48
35-06-0901	SEYFORTH CHARLES & FAMILY MONDOVI, WI	48	10	316	20	14	162	153	132	127	48
41-10-0668	SMITH HAVEN DAIRY HAMBURG, MN	160	33	282	17	14	166	157	137	127	48
31-85-0079	ZOLLINGER, ERIC STERLING, OH	26	35	248	19	13	171	161	140	134	48
35-28-1021	KATZMAN BROS. WHITEWATER, WI	95	69	257	20	12	175	167	150	137	48
51-11-0210	MASON, P THOMAS CHESTERTOWN, MD	328	20	238	17	11	176	169	153	137	48
23-06-4666	MARTIN, BRIAN L KUTZTOWN, PA	106	8	355	17	15	159	152	138	110	47
92-23-0661	B & B JERSEYS TILLAMOOK, OR	583	11	334	18	15	163	154	134	129	47
35-03-1287	YOUNG, DARRYL HILLSDALE, WI	89	15	217	14	11	162	152	131	133	47
13-14-0304	BASSETT, ALBERT M WOODSTOCK, VT	87	5	160	19	11	163	151	125	135	47
48-44-0148	WHITESIDE JERSEY FARM HUTCHINSON, KS	94	3	137	20	10	178	168	145	159	47
41-23-0785	SUKALSKI STEPHANIE, JOSEPH & KENRIC LE ROY, MN	20	65	-1	11	5	170	161	140	127	47
21-55-0454	CHAMBERLAIN GREG & DAVID WYOMING, NY	109	24	334	20	14	161	155	138	132	46
42-10-0200	CR JERSEYS SAINT LUCAS, IA	53	4	287	19	13	161	154	138	133	46
56-30-0055	ETTINGER EDWIN R & CHERYL F KINARDS, SC	168	21	279	12	11	161	156	144	124	46
21-05-1001	HEAGY LUKE C & CAROL A RED CREEK, NY	68	10	209	17	11	163	154	134	145	46
93-52-0150	BRENTWOOD FARMS ORLAND, CA	1,171	47	135	16	9	165	159	144	139	46
51-17-0379	SHENANDOAH JERSEYS BOONSBORO, MD	106	26	403	16	14	160	156	147	125	45
21-50-0069	DOMINO FARMS ACCORD, NY	90	9	336	18	14	158	151	135	121	45
31-85-1128	OSU AGRIC TECHNICAL INSTITUTE WOOSTER, OH	58	10	261	13	12	151	144	129	116	45
35-23-1222	TRUTTMANN, DAN BLANCHARDVILLE, WI	68	37	220	19	10	161	156	142	129	44
56-04-0069	PEELER, L D STARR, SC	100	80	209	15	10	159	153	139	105	44
93-50-0033	BLOUNT KEVIN & RONDA TURLOCK, CA	635	3	152	15	9	150	142	124	129	44
31-85-0561	STEINER, MATTHEW MARSHALLVILLE, OH	179	39	50	14	8	155	144	118	126	44
93-16-0426	PAULO BROS HANFORD, CA	413	26	56	12	7	152	143	124	119	44
35-37-2423	MAPLE HILL FARM WAUSAU, WI	37	0	-127	15	6	153	136	96	138	44
65-03-0030	MISSISSIPPI STATE UNIVERSITY MISSISSIPPI STATE, MS	55	98	385	18	14	161	156	144	118	43
13-09-0955	FERRISDALE FARM FAIRFAX, VT	63	78	302	14	13	148	141	126	111	43
21-48-0116	LAWTON, MERLE NEWARK VALLEY, NY	82	32	211	13	12	146	137	116	105	43
13-11-4506	GAWALT, KERRY HARTLAND, VT	22	95	182	21	12	161	150	126	110	43
63-22-0062	BELLVIEW FARM /HAROLD L & GLEN BELL DRESDEN, TN	21	0	289	14	11	149	144	134	135	43
23-37-0034	KENNY JERSEY FARM LLC ENON VALLEY, PA	116	28	130	20	11	156	144	117	117	43
42-33-0432	LANTZKY BRIAN & HEIDI & FAMILY HAWKEYE, IA	133	71	171	15	10	151	142	122	114	43
13-09-0456	WHITE ROCK FARM, LLC RANDOLPH CENTER, VT	119	13	114	16	10	154	143	117	115	43
23-36-6551	HOOVER, MARTIN MOHNTON, PA	77	9	-50	20	9	157	139	96	127	43
16-12-0510	GILLMAN, ELIZABETH COLCHESTER, CT	31	0	-101	14	6	148	131	93	121	43
43-97-0424	MISS JULIES JERSEYS NIANGUA, MO	89	46	296	18	14	150	143	127	103	42
11-23-0092	HIGHLAND FARMS CORNISH, ME	234	53	289	14	11	149	144	134	123	42

AJCA Herd PTA Averages Ranked by Jersey Performance Index™

Herd #	Herd Name	# Cows	% GT	PTA Milk	PTA Fat	PTA Prot	CM\$	NM\$	FM\$	GM\$	JPI
93-10-0445	CAL POLY CORPORATION SAN LUIS OBISPO, CA	97	71	226	14	11	150	144	131	103	42
35-37-2845	SULZER FARMS, LLC MARATHON, WI	42	55	128	16	10	152	141	118	119	42
87-22-9061	BROWN, MIKE COALVILLE, UT	21	10	181	12	9	145	138	122	130	42
55-40-0038	BOWMAN DAIRY INC JULIAN, NC	91	59	126	12	9	149	141	124	108	42
35-22-2099	ORTHRIDGE FARMS LANCASTER, WI	298	82	2	14	7	150	138	109	115	42
35-37-2814	SPINDLER, KOBAY STRATFORD, WI	44	18	-2	16	7	152	139	109	132	42
31-20-0815	BOK, SAMUEL A DEFIANCE, OH	243	9	271	19	13	149	141	122	107	41
55-22-0055	CORNWELL, JEFF LAWNSDALE, NC	47	23	214	13	11	141	134	117	111	41
93-24-1149	SILVEIRA JERSEYS HILMAR, CA	133	6	260	14	10	138	133	123	111	41
14-10-0002	HIGH LAWN FARM LEE, MA	116	52	233	12	10	141	136	125	120	41
13-11-4523	COLVIN GERALD & DIANE WALLINGFORD, VT	14	71	131	19	9	149	142	126	107	41
35-23-1609	ZIMMERMAN, PAUL BRODHEAD, WI	117	77	211	15	8	154	152	146	113	41

OFFICIAL AJCA PERFORMANCE PEDIGREE

1 FEMALE DHI HERD # 92-23-0481

2 SUN VALLEY DIMENSION JERSEE **3**
 USA 118371821 GT8K BBR 100 JH1F JH2F

4 BORN 10/30/2012 CONTROL # 3212

5 TATTOO S3212 / S3212 **6** GFI 7.8%

7 PPA 1494M 183F 145P / YD 1262M 163F 127P
8 CDCB GPTA 08/01/2017 3RECS 79%R 99%ILE
 304M 60F 40P 525CM\$ 474NM\$ 353FM\$ 437GM\$
 3.9PL 0.6LIV 0.6DPR 1.5CCR 3.7HCR 2.96SCS
 AJCA 08/01/2017 GPTAT 78%R 1.1 GJUI 18.5 GJPI 73%R 158
 ST SR DF RA RW RL FA FU RH RWU UC UD TP TL RTR RTS
 1.6 1.4 0.4 L0.1 1.5 P0.3 S1.0 2.5
 RH RUW UC UD TP TL RTR RTS
 0.6 0.3 0.2 S1.6 C1.7 L0.2 C0.2 C1.2

9 2-01 301 2 16420 5.3 871 3.9 646 97DCR 2236C
 3-01 305 2 18690 5.3 986 4.1 770 97DCR 2649C
 305 2X ME AVG 2L 20229M 1065F 817P 2813C

10 2-07 85% 3-02 90%
 ST SR DF RA RW RL FA FU RH RWU UC UD TP TL RTR RTS
 42 38 42 23 43 18 22 45 47 40 27 34 27 24 25 23

11 SUNSET CANYON DIMENSION-ET
 USA 117168914 GT50K BBR 100 JH1F JH2F GDP 7JE1149
 CDCB GPTA 08/01/2017 1264DAUS 210HRDS 4%RIP
 99%R 121M 0.26% 56F 61%ILE
 99%R 0.16% 38P 475CM\$ 416NM\$ 279FM\$ 386GM\$
 2.9PL -0.8LIV 0.1DPR 1.4CCR 5.2HCR 2.89SCS
 AJCA 08/01/2017 510DAUS
 GPTAT 98%R 0.2 GJUI 6.7 GJPI 97%R 145

12 SUN VALLEY TBONE JERSEE
 USA 117522475 GT6K BBR 100 JH1F JH2F S2749 / S2749
 DHI HERD # 92-23-0481 CONTROL # 2749
 PPA 1772M 170F 132P / YD 1005M 129F 94P
 CDCB GPTA 08/01/2017 5RECS 81%R 94%ILE
 121M 51F 30P 356CM\$ 317NM\$ 223FM\$ 244GM\$
 2.2PL -0.3LIV -1.7DPR -0.6CCR -0.6HCR 3.08SCS
 AJCA 08/01/2017 GPTAT 79%R 0.9 GJUI 1.4 GJPI 75%R 94
 1-11 305 2 17580 5.3 932 4.1 713 97DCR 2469C
 3-03 305 2 19100 5.5 1041 4.0 764 97DCR 2645C
 4-04 305 2 20220 5.4 1082 3.9 797 98DCR 2759C
 5-04 295 2 18150 5.5 993 4.0 729 96DCR 2524C
 305 2X ME AVG 4L 19901M 1072F 801P 2769C

13 2-01 82% 3-10 87% 4-07 88%
 ST SR DF RA RW RL FA FU RH RWU UC UD TP TL RTR RTS
 36 45 46 23 36 22 26 36 37 33 38 18 34 32 37 39

14 ISSUE DATE 08/08/2017

OWNER: 231575
 SUN VALLEY FARM
 10389 MEDA LOOP RD
 CLOVERDALE, OR 97112-9438

BREEDER: 231575
 SUN VALLEY FARM
 10389 MEDA LOOP RD
 CLOVERDALE, OR 97112-9438

LAST 8 OF 19 PROGENY FOR USA 118371821 **17**
 USA 172636645 M 05/11/2017 S168 / S168 GT45K GJPI 175
 USA 119990924 F 02/12/2017 S4255 / S4255 GT45K GJPI 131
 USA 119990933 F 02/12/2017 S4256 / S4256 GT45K GJPI 127
 USA 119990951 M 02/11/2017 S165 / S165 GT45K GJPI 135
 USA 119990906 F 02/09/2017 S4251 / S4251 GT45K GJPI 131
 USA 119990915 F 02/09/2017 S4253 / S4253 GT45K GJPI 162
 USA 119990894 F 02/08/2017 S4249 / S4249 GT45K GJPI 127
 USA 119990885 F 02/07/2017 S4247 / S4247 GT45K GJPI 139

BW RENEGADE-ET
 USA 115883929 GT50K BBR 100 JH1F JH2F 200JE60
 CDCB GPTA 08/01/2017 8733DAUS 739HRDS 10%RIP
 99%R -8M 0.27% 54F 45%ILE
 99%R 0.10% 19P 356CM\$ 326NM\$ 256FM\$ 321GM\$
 1.5PL 0.3LIV 0.8DPR 1.7CCR 1.3HCR 3.06SCS
 AJCA 08/01/2017 3469DAUS
 GPTAT 99%R 0.0 GJUI -1.0 GJPI 99%R 94

PEARLMONT IMPULS DAFFY 90%
 USA 114356624 GTHD BBR 100 JH1F JH2F / T49
 PPA 650M 99F 77P / YD 543M 89F 63P
 CDCB GPTA 08/01/2017 4RECS 96%R 92%ILE
 209M 38F 26P 336CM\$ 303NM\$ 225FM\$ 255GM\$
 3.8PL -1.7LIV -0.7DPR -0.2CCR 4.6HCR 2.97SCS
 AJCA 08/01/2017 GPTAT 94%R 0.3 GJUI 4.9 GJPI 94%R 96
 4-03 305 2 18560 5.0 932 3.8 707 102DCR 2446C
 6-07 305 2 16190 5.1 825 3.9 637 102DCR 2205C
 8-10 305 2 14990 5.6 839 4.0 606 102DCR 2098C
 10-01 305 2 12690 4.9 628 4.5 566 100DCR 1796C
 305 2X ME AVG 6L 16118M 820F 647P 2197C

RICHIES JACE TBONE A364
 USA 113672851 GT50K BBR 100 JH1F JH2F 7JE1000
 CDCB GPTA 08/01/2017 18959DAUS 1742HRDS 6%RIP
 99%R -182M 0.20% 31F 16%ILE
 99%R 0.10% 14P 136CM\$ 108NM\$ 41FM\$ 72GM\$
 -1.0PL -1.4LIV -1.9DPR -1.3CCR 1.8HCR 3.12SCS
 AJCA 08/01/2017 10726DAUS
 GPTAT 99%R 1.1 GJUI 7.3 GJPI 99%R 40

SUN VALLEY IMPULS JERSEYGAL
 USA 115475544 S1905 / S1905
 DHI HERD # 92-23-0481 CONTROL # 1905
 PPA -235M 27F 38P / YD -26M 32F 35P
 CDCB PTA 08/01/2017 5RECS 68%R 74%ILE
 112M 26F 22P 234CM\$ 209NM\$ 146FM\$ 219GM\$
 2.0PL -1.0LIV 1.2DPR 2.2CCR 0.6HCR 3.14SCS
 AJCA 08/01/2017 PTAT 59%R 0.0 JUI -4.3 JPI 55%R 65
 4-11 303 2 19610 4.9 957 4.0 791 97DCR 2632C
 5-11 305 2 17670 4.9 865 4.0 703 97DCR 2362C
 6-11 305 2 17690 4.7 838 3.9 692 98DCR 2303C
 8-00 93 2 7050 4.9 344 3.9 273 60DCR 929C
 305 2X ME AVG 7L 17979M 885F 701P 2380C

2-02 83% 3-06 83%
 ST SR DF RA RW RL FA FU RH RWU UC UD TP TL RTR RTS
 34 30 34 25 34 28 20 30 28 33 35 28 38 42

Information Presented on AJCA Performance Pedigrees

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

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

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

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

Other suffixes used are P (polled); PP (tested homozygous polled); ET (embryo transfer); ETS (split embryo); ETN (nuclear transfer, cloning); LL (carrier of genetic abnormality Limber Legs); RVC (carrier of genetic abnormality Rectovaginal Constriction); PTL (progeny tested for LL); and PTR (progeny tested for RVC).

3. GT indicates that an animal has been genotyped. Density of the test chip is indicated (e.g., 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.

Males only: If assigned, the NAAB code is printed.

4. The date of birth (month, day, year) and, for cows, the DHI processing center control number (CONTROL #).
5. Permanent identification of the animal, labeled by form: tattoo (right ear / left ear), American ID eartag and/or electronic ID.
6. For heifers, the percentile (P-level) of the Parent Average (PA) or genomic PTA for Jersey Performance Index™ (JPI) is printed. P-level indicates how this individual ranks compared to other heifers born in the same year. When PA JPI is not available, the P-level is based upon PA protein. Expected Future Inbreeding (EFI), or if animal is genotyped, Genomic Estimate of Future Inbreeding (GFI). EFI estimates future progeny inbreeding, assuming the animal is mated randomly to the current population. GFI is based on the animal's DNA test of actual homozygosity and percentages of genes in common with the genotyped Jersey population.
7. *Cows only:* Predicted Producing Ability (PPA) and Yield Deviation (YD) for milk, fat and protein. PPA predicts future production. Because PPA is determined relative to a constant genetic base, it is the most effective tool to identify cows that will be profitable milk producers across herds. YD is the weighted average of lactation yield minus selected management and environmental factors, expressed relative to the breed base.
8. CDCB Predicted Transmitting Ability (traditional or genomic) for milk, fat and protein, Net Merit indexes (Cheese Merit dollars, CM\$; Net Merit dollars, NM\$; Fluid Merit dollars, FM\$; Grazing Merit dollars, GM\$), plus Productive Life (PL) and Livability (LIV), fertility traits (Daughter Pregnancy Rate, DPR; Cow Conception Rate, CCR; Heifer Conception Rate, HCR), and Somatic Cell Score (SCS).

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

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

Jersey Performance Index₂₀₁₇™ ranks animals by combined genetic merit for 10 traits (*with weights*): 30% Protein : 15% Fat : 8% CFP Milk : 12.8% Jersey Udder Index™ : 7% Body Weight Composite : 7% DPR : 6% SCS : 6% PL : 4% LIV : 2% CCR : 2% HCR.

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

For young animals without their own performance information or that have not been genomically tested, Parent Average (PA) is calculated for milk, fat, protein, Net Merit indexes, type, and JPI. PA is the sum of 1/2 the sire's PTA and 1/2 the dam's PTA. PA estimates are also printed for appraisal breakdown traits. Reliability (%R) for these estimates is also printed.

9. Lactation records. Up to 16 records are printed, listing information in this order: age at calving, days milked, times milked per day, actual pounds milk, percent fat, actual pounds fat, percent protein, actual pounds protein, and data collection rating (DCR). If a verification test was conducted during the lactation, a V is printed. The 305-day, 2x, mature equivalent lactation average for records at least 180 days in length is also printed.
10. Type evaluations, the cow's age and final score. Final scores are: Excellent (90 and above); Very Good (80-89 inclusive); Desirable (70-79); Acceptable (60-69); and Poor (50-59). Scores for breakdown traits from the most recent appraisal are listed: ST, stature; SR, strength; DF, dairy form; RA, rump angle; RW, rump width; RL, rear leg set; FA, foot angle; FU, fore udder; RH, rear udder height; RUW, rear udder width; UC, udder cleft; UD, udder depth; TP, teat placement; TL, teat length; RTR, Rear Teat Placement-Rear View; RTS, Rear Teat Placement-Side View.
11. The sire of the animal, his registration number, and when applicable, genotype, JH1 and JH2 status, sire program and NAAB code. The CDCB genetic evaluations for milk, fat, protein, CM\$, NM\$, FM\$, and GM\$; fitness traits (PL, LIV, DPR, CCR, HCR and SCS); and AJCA genetic evaluations for type are listed, with evaluation date.
12. The dam, her registration number, genotype status and haplotype test status (when applicable), permanent ID, up to 12 lactation records, production summary, and genetic evaluations are given.
13. Age and final score, with type breakdowns for last evaluation.
14. The date that this document was compiled and printed.
15. The Recorded Owner, as indicated on the records of the AJCA.
16. The Breeder of the animal, defined as the Recorded Owner of the dam at conception of animal.
17. *Females only:* Total of registered progeny, followed by registration number, sex, tattoo and genotype status (if applicable), and JPI/GJPI for the eight youngest progeny, listed in reverse birth order.
18. The paternal grandsire (*refer to 11*).
19. The paternal grandam (*refer to 12*), latest final score and up to four lactations. Cows with AJCA registration numbers below 2,300,000 or registered in other countries may not have this information.
20. The maternal grandsire (*refer to 11*).
21. The maternal grandam (*refer to 12*), up to four lactations, along with type evaluations are printed.

Rev. 8/17

Since 1868,
the American Jersey Cattle Association
has provided services that

- **Increase the profitable production of Jersey milk**
- **Increase the value of and demand for Jersey milk**
- **Increase the value of and demand for U.S. Jerseys**

American Jersey Cattle Association

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