

Top 10 Herds By Protein (M.E.)

Owner	Records	Protein	Milk	Fat	
1. John and Edwin Maxwell	198	Donahue, Iowa	1,003	26,523	1,252
2. D & D Jerseys	73	Newton, Wis.	989	26,273	1,305
3. Joseph and Debra Brant	22	Cuba City, Wis.	971	27,167	1,272
4. Cold Run Jerseys LLC	212	Salem, Ohio	943	25,764	1,465
5. Hoards Dairyman Farm	131	Fort Atkinson, Wis.	891	22,992	1,184
6. Merle Lawton	80	Newark Valley, N.Y.	886	23,923	1,161
7. Ahlem Foothill Farms	2,190	Turlock, Calif.	872	24,366	1,167
8. Vanderfeltz Jerseys	131	Lawton, Pa.	872	22,177	1,045
9. Ryan D. Clark	202	Tyrone, Pa.	871	22,158	1,115
10. North Carolina State University	54	Raleigh, N.C.	870	23,636	1,076
Dale Pheasant	199	Martinsburg, Pa.	870	23,203	1,127

Top 10 Herds By Milk (M.E.)

Owner	Records	Milk	Protein	Fat	
1. Joseph and Debra Brant	22	Cuba City, Wis.	27,167	971	1,272
2. John and Edwin Maxwell	198	Donahue, Iowa	26,523	1,003	1,252
3. D & D Jerseys	73	Newton, Wis.	26,273	989	1,305
4. Cold Run Jerseys LLC	212	Salem, Ohio	25,764	943	1,465
5. Ahlem Foothill Farms	2,190	Turlock, Calif.	24,366	872	1,167
6. James Ahlem	2,118	Hilmar, Calif.	24,181	863	1,128
7. Merle Lawton	80	Newark Valley, N.Y.	23,923	886	1,161
8. North Carolina State University	54	Raleigh, N.C.	23,636	870	1,076
9. Cal Poly Corporation	97	San Luis Obispo, Calif.	23,330	808	1,059
10. Boer Jerseys	492	Dalhart, Texas	23,249	858	1,125

Top 10 Herds By Fat (M.E.)

Owner	Records	Fat	Milk	Protein	
1. Cold Run Jerseys LLC	212	Salem, Ohio	1,465	25,764	943
2. D & D Jerseys	73	Newton, Wis.	1,305	26,273	989
3. Leroy Miller	23	Mayslick, Ky.	1,273	21,665	846
4. Joseph and Debra Brant	22	Cuba City, Wis.	1,272	27,167	971
5. John and Edwin Maxwell	198	Donahue, Iowa	1,252	26,523	1,003
6. Pamela H. Moser	24	Middletown, Md.	1,244	20,149	731
7. Randy and Jana Kortus	36	Lynden, Wash.	1,233	22,566	809
8. Woodmohr Jerseys	35	Bloomer, Wis.	1,230	21,466	778
9. Doug Fairbanks	67	Anamosa, Iowa	1,201	21,791	819
10. Den Kel Jerseys LLC	66	Byron, N.Y.	1,187	22,774	841

Jersey Milk Becoming More Nutrient-Dense

The American Jersey Cattle Association (AJCA) has been publishing an annual production summary for decades. This state-of-the-union address of sorts for production is a useful measure for evaluating breed progress and a benchmark from which Jersey breeders can compare their herds.

So, where does the Jersey breed stand for year-end 2018?

The official breed lactation average is now 20,041 lbs. milk, 977 lbs. fat and 741 lbs. protein, with component averages of 4.88% fat and 3.7% protein. On a Cheddar cheese yield basis, average standardized production is 2,521 lbs. These numbers represent a modest drop in production (less than 1% for all measures of production) for the first time in a dozen years.

The number of records in the breed average—101,766—is fourth best in breed history, up more than 2,600 cows from 2017.

On an actual basis, average production is 17,630 lbs. milk, 863 lbs. fat and 650 lbs. protein, with a cheese yield equivalent of 2,215 lbs. Actual protein yield is the sole production measurement that did not decrease in 2018; this measure ties the breed-high level of 2017. When expressed as pounds of energy-corrected milk (ECM), actual average production is 21,913 lbs.

The silver lining for the year 2018 is cheese yield per hundredweight of Jersey milk, which rose slightly this past year. Though

Jersey milk has always been more desirable for processors, it is now becoming even more so. The amount of cheese that processors can make from Jersey milk has steadily risen over the past decade, increasing from 12.15 lbs. per hundredweight in 2009 to 12.58 lbs. in 2018.

In a nutshell, Jersey milk is becoming more nutrient dense.

This is good news for consumers and cow caretakers as well. With a smaller carbon footprint, the Jersey is the dairy model that can best feed a growing world population that now consumes more milk products than fluid milk and loses land for food production every day.

The Jersey is the model for dairy producers as well, whose bottom lines reflect more than pounds of production. Many of the nation's top Jersey producers are filling the tank with volumes of ECM that were unimaginable decades ago. Six of them have lactation averages over 30,000 lbs. ECM—Cold Run Jerseys LLC, Salem, Ohio, at 34,893 lbs.; D & D Jerseys, Newton, Wis., at 33,354 lbs.; Joseph and Debra Brant, Cuba City, Wis., at 33,075 lbs.; John and Edwin Maxwell, Donahue, Iowa, at 32,860 lbs.; Leroy Miller, Mayslick, Ky., at 30,296 lbs.; and Ahlem Foothill Farms, Hilmar, Calif., at 30,013 lbs.

These dairy producers, who milk anywhere from 20 to more



Joseph Frommelt poses with Jo-De-Bran Topeca Maxine, Excellent-91%, a favorite in the herd he helps to operate with his grandparents, Joseph and Debra Brant. The 22-cow herd is the nation's top milk producer on an m.e. basis. "Maxine" contributed to the effort with 24,240 lbs. milk, 1,290 lbs. fat and 890 lbs. protein actual at 3-3.



Cold Run Jerseys LLC, operated by the Herron family—Tara, James and David—is the nation's leading fat producer on an actual and standardized m.e. basis. The 212-cow dairy produced 34,893 lbs. of energy corrected milk (m.e.) last year. Photo courtesy Maggie Seller/Hoard's Dairyman.

Top 10 Herds By Protein (Actual)

Owner	Records	Protein	Milk	Fat
1. John and Edwin Maxwell	198	892	23,513	1,124
2. D & D Jerseys	73	889	23,625	1,185
3. Cold Run Jerseys LLC	212	830	22,654	1,299
4. Joseph and Debra Brant	22	828	22,924	1,093
5. Woodstock Dairy	58	815	21,783	1,154
6. Merle Lawton	80	812	22,013	1,066
7. Doug Fairbanks	67	805	21,905	1,184
8. Ryan D. Clark	202	793	20,363	1,018
9. Vanderfeltz Jerseys	131	774	19,629	928
10. Domino Farms	80	773	20,162	997

Top 10 Herds By Milk (Actual)

Owner	Records	Milk	Protein	Fat
1. D & D Jerseys	73	23,625	889	1,185
2. John and Edwin Maxwell	198	23,513	892	1,124
3. Joseph and Debra Brant	22	22,924	828	1,093
4. Cold Run Jerseys LLC	212	22,654	830	1,299
5. Merle Lawton	80	22,013	812	1,066
6. Doug Fairbanks	67	21,905	805	1,184
7. Woodstock Dairy	58	21,783	815	1,154
8. Diamond Valley Dairy	41	21,072	735	898
9. Hank and Carolyn Van Exel	361	20,989	758	993
10. David and Donna Kunde	191	20,768	731	998

Top 10 Herds By Fat (Actual)

Owner	Records	Fat	Milk	Protein
1. Cold Run Jerseys LLC	212	1,299	22,654	830
2. D & D Jerseys	73	1,185	23,625	889
3. Doug Fairbanks	67	1,184	21,905	805
4. Woodstock Dairy	58	1,154	21,783	815
5. Woodmohr Jerseys	35	1,141	19,809	719
6. Randy and Jana Kortus	36	1,125	20,373	728
7. John and Edwin Maxwell	198	1,124	23,513	892
8. Pamela H. Moser	24	1,115	17,851	648
9. Leroy Miller	23	1,099	18,718	732
10. Joseph and Debra Brant	22	1,093	22,924	828

than 2,000 cows in diverse management styles across the country, are proving the Jersey is the most profitable cow to milk. They are capitalizing on other Jersey advantages that don't show up on the milk check, including feed efficiency, reproductive efficiency, stocking rates, calving ease, better mobility and longer herd life.

Because progress is measured over the long haul—encompassing peaks, valleys and plateaus—the breed's annual production summary also includes an evaluation of production trends. Based on the statistics of the previous 10 years, the breed lactation average is projected to reach 21,550 lbs. milk, 1,080 lbs. fat and 814 lbs. protein by 2025, with a cheese yield equivalent of 2,765 lbs. Cheese makers are projected to be able to make 12.83 lbs. of product per hundredweight of Jersey milk by 2025. This well-founded optimism is based on decades of steady growth, especially over the past several years.

If these projections are realized, the averages for 2018 will be just a blip on the historical radar. For the breed to retain its competitive advantages, Jersey breeders need to increase production, maintain (or improve) components and maintain optimum cow size for efficiency and health, as identified in the Capper Cady environmental impact study (*Journal of Dairy Science*, Volume 95, Issue 1).

In the past, the *Jersey Journal's* annual production summary included mature equivalent (m.e.) lactation averages, calculated on a standardized 305-day, twice-daily milking, m.e. basis. In November

2018, the AJCA Board approved reporting of actual herd averages as well. Jersey breeders now have two benchmarks from which to evaluate milk, fat, protein and cheese yield production.

Production is included for lactations meeting the registry minimum of Generation Count 4 and higher. Records included in the average have data collection ratings of 85 or higher. Herds identified in the rankings have a minimum of 10 cows.

High M.E. Herds

Many of this year's top herds have ranked among the nation's best in previous years as well. Included in this group is the country's leading Jersey herd for standardized milk production, the 22-cow herd owned by Joseph and Debra Brant. The Jo-De-Bran herd has a 2018 lactation average of 27,167 lbs. milk, 1,272 lbs. fat and 971 lbs. protein, with a cheese yield of 3,315 lbs. Nationally, the measures rank fourth for fat and third for protein and cheese yield. Two members of the herd made actual 305-day records over 30,000 lbs. milk: Jo-De-Bran Lincoln Muffin, Very Good-87%, and Jo-De-Bran T-Bone Shine-Twin, Very Good-85%. The Brant's milking string includes another 15 other Very Good cows and six Excellents (none lower) and has an appraisal average of 85.6%.

Another herd to retain its top rankings from last year is Cinnamon Ridge Jerseys, owned by brothers John and Edwin Maxwell and

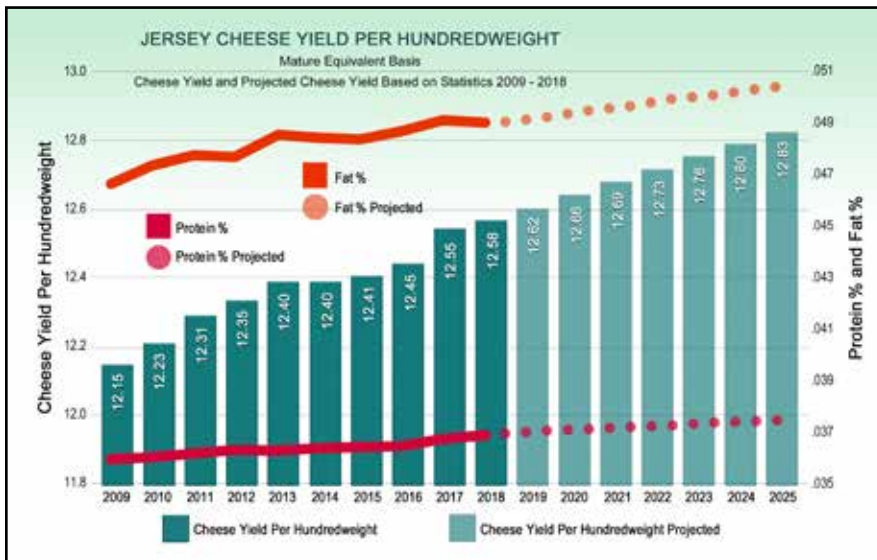
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Cinnamon Ridge Jerseys is the top protein-producing herd in the country. The farm owned and operated by the Maxwell family runs a thriving agritourism business as well and recently began making cheese from the 198-cow herd. Cows are milked with Lely robots.



D&D Jerseys, owned by Dan Stock and Donna Phillips is the top cheese yield producer on both an actual and m.e. basis. A standout in the milking string is Dodan Crisp Vision Crinkle-ET, Very Good-86%, with three lactations, all over 23,000 lbs. milk, and a best record of 32,885 lbs. milk, 1,342 lbs. fat and 1,177 lbs. protein at 3-7.



The amount of Cheddar cheese that can be produced per hundredweight of Jersey milk has increased dramatically in recent years due to increases in fat and protein test. Based on statistics from the past 10 years, cheese yield per hundredweight is projected to reach 12.83 lbs. by 2025.

High Production Herds

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John's wife, Joan, and daughters, Amy and Kara. The 198-cow dairy tops its peers for standardized protein production again this year and ranks second for milk and cheese yield and fifth for fat. Cinnamon Ridge Jerseys has a 2018 lactation average of 26,523 lbs. milk, 1,252 lbs. fat and 1,003 lbs. protein, with a cheese yield of 3,355 lbs. The dairy also leads the nation for

actual protein production with a 2018 herd average of 23,513 lbs. milk, 1,124 lbs. fat and 892 lbs. protein.

Seven of the top 305-day milk and protein records completed in 2018 were made by members of the milking string at Cinnamon Ridge Dairy, which uses Lely robots to milk the cows. The leading lady, Cinnamon Ridge Plus Partridge {6}, Excellent-91%, made the high milk, protein and cheese yield record: 34,500 lbs. milk, 1,736 lbs. fat

and 1,372 lbs. protein and 4,685 lbs. cheese yield as a junior four-year-old. This record and the senior two-year-old milk record of her herdmate, JX Cinnamon Ridge Machete Oregon {4}, Very Good-82%, were added to the National Class Leader list in 2018. "Oregon {4}" made 31,310 lbs. milk, 1,307 lbs. fat and 1,057 lbs. protein at 2-9.

Vertical integration through cheese-making at Cinnamon Ridge has allowed the Maxwells to capitalize on yield advantages of their own milk and bring the next generation back to the farm. The family sells cheese, beef and other products to consumers from a stand on the farm and through several other local venues.

D & D Jerseys, owned by the husband and wife team of Dan Stock and Donna Phillips, D.V.M., ranks third again this year for milk and moves into second place for components with a 2018 lactation average of 26,273 lbs. milk, 1,305 lbs. fat and 989 lbs. protein on 73 cows.

D & D Jerseys has ranked among the top 10 herds in the nation each of the past 11 years and earns laurels this year as the top cheese yield producer, with 3,379 lbs. The herd also ranks among the best for genetic merit, currently #16 in the nation with a herd average JPI of +81 (91% genotyped).

With 15 members producing 305-day records over 26,000 lbs. milk, D & D Jerseys leads the nation for actual milk production,

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750 or More Records By Protein (M.E.)

1. Ahlem Foothill Farms	Turlock, Calif.	2,190	872	24,366	1,167
2. Ahlem, James	Hilmar, Calif.	2,118	863	24,181	1,128
3. Red Top Jerseys	Hilmar, Calif.	3,871	845	22,513	1,064
4. Faria Brothers Dairies	Dumas, Calif.	890	842	22,477	1,134
5. Hogan, David L	Tillamook, Ore.	2,182	830	22,135	1,073
6. Avila, Richard & Jennifer M.	Dalhart, Texas	1,933	828	22,259	1,049
7. Wickstrom Jersey Farms Inc.	Hilmar, Calif.	2,264	817	22,087	1,058
8. Rancho Teresita Dairy	Tulare, Calif.	1,478	814	21,257	1,070
9. Sunwest Jersey Dairy	Hilmar, Calif.	1,271	799	21,762	1,031
10. Four J Jerseys	Tipton, Calif.	1,855	790	21,287	1,027

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3. Red Top Jerseys	Hilmar, Calif.	3,871	845	22,513	1,064
4. Faria Brothers Dairies	Dumas, Texas	890	842	22,477	1,134
5. Avila Richard & Jennifer M	Dalhart, Texas	1,933	828	22,259	1,049
6. Hogan, David L	Tillamook, Ore.	2,182	830	22,135	1,073
7. Wickstrom Jersey Farms Inc	Hilmar, Calif.	2,264	817	22,087	1,058
8. Clover Farms	Dundas, Ill.	1,312	772	21,927	1,060
9. Sunwest Jersey Dairy	Hilmar, Calif.	1,271	799	21,762	1,031
10. Four J Jerseys	Tipton, Calif.	1,855	790	21,287	1,027

750 or More Records By Fat (M.E.)

1. Ahlem Foothill Farms	Turlock, Calif.	2,190	1,167	24,366	872
2. Faria Brothers Dairies	Dumas, Texas	890	1,134	22,477	842
3. Ahlem, James	Hilmar, Calif.	2,118	1,128	24,181	863
4. Hogan, David L	Tillamook, Ore.	2,182	1,073	22,135	830
5. Rancho Teresita Dairy	Tulare, Calif.	1,478	1,070	21,257	814
6. Red Top Jerseys	Hilmar, Calif.	3,871	1,064	22,513	845
7. Clover Farms	Dundas, Ill.	1,312	1,060	21,927	772
8. Wickstrom Jersey Farms Inc	Hilmar, Calif.	2,264	1,058	22,087	817
9. Avila Richard & Jennifer M	Dalhart, Texas	1,933	1,049	22,259	828
10. Green Valley Dairy	Kerman, Calif.	807	1,044	20,377	752

300 - 749 Records By Protein (M.E.)

1. Boer Jerseys	Dalhart, Texas	492	858	23,249	1,125
2. Jade Dairy	Hilmar, Calif.	512	842	23,232	1,159
3. Twin Star Dairy	Turlock, Calif.	334	815	22,124	1,097
4. Vanexel Hank & Carolyn	Lodi, Calif.	361	808	21,980	1,056
5. Mount Rock Jerseys Llc	Newville, Pa.	327	787	20,926	1,097
6. Wagner Leonard & Family	Litchfield, Minn.	378	785	20,950	994
7. Dias Family Dairy	Hilmar, Calif.	387	774	20,304	882
8. Legendairy Farms	Beaver, Ore.	324	769	19,810	1,055
9. Bohnert Jerseys	East Moline, Ill.	465	764	20,121	1,045
10. Legacy Ranch	Tipton, Calif.	449	761	20,549	987

300 - 749 More Records By Milk (M.E.)

1. Boer Jerseys	Dalhart, Texas	492	858	23,249	1,125
2. Jade Dairy	Hilmar, Calif.	512	842	23,232	1,159
3. Twin Star Dairy	Turlock, Calif.	334	815	22,124	1,097
4. Vanexel Hank & Carolyn	Lodi, Calif.	361	808	21,980	1,056
5. Wagner Leonard & Family	Litchfield, Minn.	378	785	20,950	994
6. Mount Rock Jerseys Llc	Newville, Pa.	327	787	20,926	1,097
7. Wilsonview Dairy	Tillamook, Ore.	443	711	20,714	955
8. Huffard Dairy Farms	Crockett, Va.	316	755	20,611	981
9. Legacy Ranch	Tipton, Calif.	449	761	20,549	987
10. Albright Jerseys Llc	Willard, Ohio	472	747	20,443	939

300 - 749 More Records By Fat (M.E.)

1. Jade Dairy	Hilmar, Calif.	512	1,159	23,232	842
2. Boer Jerseys	Dalhart, Texas	492	1,125	23,249	858
3. Crosswind Jerseys	Elkton, S.D.	749	1,108	19,290	722
4. Twin Star Dairy	Turlock, Calif.	334	1,097	22,124	815
5. Mount Rock Jerseys Llc	Newville, Pa.	327	1,097	20,926	787
6. Jenks, William H (Jim)	Marathon, Wis.	547	1,059	18,504	747
7. Kessenich Farms Llc	De Forest, Wis.	323	1,058	19,756	741
8. Vanexel Hank & Carolyn	Lodi, Calif.	361	1,056	21,980	808
9. Legendairy Farms	Beaver, Ore.	324	1,055	19,810	769
10. Bohnert Jerseys	East Moline, Ill.	465	1,045	20,121	764

150 - 299 Records By Protein (M.E.)

1. Maxwell John & Edwin	Donahue, Iowa		
198	1,003	26,523	1,252
2. Cold Run Jerseys LLC	Salem, Ohio		
212	943	25,764	1,465
3. Clark, Ryan D	Tyrone, Pa.		
202	871	22,158	1,115
4. Pheasant, Dale	Martinsburg, Pa.		
199	870	23,203	1,127
5. Sunray Dairy Llp	Mindoro, Wis.		
169	827	20,237	1,025
6. Sand Creek Dairy Llc	Hastings, Mich.		
208	816	21,354	1,068
7. Kunde David & Donna	Manchester, Iowa		
191	813	23,080	1,104
8. Steiner, Matthew	Marshallville, Ohio		
203	802	20,866	1,033
9. Borba Frank & Carol	Escalon, Calif.		
267	796	21,473	1,019
10. Knepper, Mark D	Hustontown, Pa.		
261	765	20,343	956

150 - 299 Records By Milk (M.E.)

1. Maxwell John & Edwin	Donahue, Iowa		
198	26,523	1,003	1,252
2. Cold Run Jerseys Llc	Salem, Ohio		
212	25,764	943	1,465
3. Pheasant, Dale	Martinsburg, Pa.		
199	23,203	870	1,127
4. Kunde David & Donna	Manchester, Iowa		
191	23,080	813	1,104
5. Clark, Ryan D	Tyrone, Pa.		
202	22,158	871	1,115
6. Borba Frank & Carol	Escalon, Calif.		
267	21,473	796	1,019
7. Piedmont Jerseys	Lincolnton, N.C.		
229	21,429	739	943
8. Sand Creek Dairy Llc	Hastings, Mich.		
208	21,354	816	1,068
9. Price Brothers Jerseys	Statesville, N.C.		
153	21,074	749	975
10. Taylor Brothers	Saint Albans, Maine		
243	21,057	763	1,056

150 - 299 Records By Fat (M.E.)

1. Cold Run Jerseys Llc	Salem, Ohio		
212	1,465	25,764	943
2. Maxwell John & Edwin	Donahue, Iowa		
198	1,252	26,523	1,003
3. Lyon Jerseys	Toledo, Iowa		
150	1,146	20,333	738
4. Pheasant, Dale	Martinsburg, Pa.		
199	1,127	23,203	870
5. Clark, Ryan D	Tyrone, Pa.		
202	1,115	22,158	871
6. Kunde David & Donna	Manchester, Iowa		
191	1,104	23,080	813
7. Sand Creek Dairy Llc	Hastings, Mich.		
208	1,068	21,354	816
8. Taylor Brothers	Saint Albans, Maine		
243	1,056	21,057	763
9. Van De Jerseys	Transfer, Pa.		
258	1,048	18,724	710
10. Silva, Eric Leonard	Beaver, Ore.		
228	1,045	19,246	714

80 - 149 Records By Protein (M.E.)

1. Hoards Dairyman Farm	Fort Atkinson, Wis.		
131	891	22,992	1,184
2. Lawton, Merle	Newark Valley, N.Y.		
80	886	23,923	1,161
3. Vanderfeltz Jerseys	Lawton, Pa.		
131	872	22,177	1,045
4. Martin, Brian L	Kutztown, Pa.		
117	829	23,015	1,118
5. Domino Farms	Accord, N.Y.		
80	824	21,467	1,059
6. Allen, David	Reedsburg, Wis.		
94	818	22,438	1,052
7. Cal Poly Corporation	San Luis Obispo, Calif.		
97	808	23,330	1,059
8. Nature View Farms Llc	Salem, Ohio		
127	798	21,632	1,041
9. Smith Haven Dairy	Hamburg, Minn.		
105	790	21,088	981
10. Rudgers, Lyman	Attica, N.Y.		
119	781	20,753	1,057

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1. Lawton, Merle	Newark Valley, N.Y.		
80	23,923	886	1,161
2. Cal Poly Corporation	San Luis Obispo, Calif.		
97	23,330	808	1,059
3. Martin, Brian L	Kutztown, Pa.		
117	23,015	829	1,118
4. Hoards Dairyman Farm	Fort Atkinson, Wis.		
131	22,992	891	1,184
5. Allen, David	Reedsburg, Wis.		
94	22,438	818	1,052
6. Kirchoefer, Joe	Cpe Girardeau, Mo.		
104	22,311	773	899
7. Vanderfeltz Jerseys	Lawton, Pa.		
131	22,177	872	1,045
8. Nature View Farms Llc	Salem, Ohio		
127	21,632	798	1,041
9. Domino Farms	Accord, N.Y.		
80	21,467	824	1,059
10. Lehnertz, Travis	Plainview, Minn.		
81	21,144	771	1,018

80 - 149 Records By Fat (M.E.)

1. Hoards Dairyman Farm	Fort Atkinson, Wis.		
131	1,184	22,992	891
2. Lawton, Merle	Newark Valley, N.Y.		
80	1,161	23,923	886
3. Martin, Brian L	Kutztown, Pa.		
117	1,118	23,015	829
4. Storm View Dairy	Shobonier, Ill.		
87	1,063	21,108	775
5. Domino Farms	Accord, N.Y.		
80	1,059	21,467	824
Cal Poly Corporation	San Luis Obispo, Calif.		
97	1,059	23,330	808
7. Rudgers, Lyman	Attica, N.Y.		
119	1,057	20,753	781
8. Allen, David	Reedsburg, Wis.		
94	1,052	22,438	818
9. Vanderfeltz Jerseys	Lawton, Pa.		
131	1,045	22,177	872
10. Nature View Farms Llc	Salem, Ohio		
127	1,041	21,632	798

40 - 79 Records By Protein (M.E.)

1. D & D Jerseys	Newton, Wis.		
73	989	26,273	1,305
2. North Carolina State University	Raleigh, N.C.		
54	870	23,636	1,076
3. Den Kel Jerseys Llc	Byron, N.Y.		
66	841	22,774	1,187
4. Virginia Polytechnic Institute & State University	Blacksburg, Va.		
40	834	23,215	1,069
5. Core Jeff & Alta Mae	Salvisa, Ky.		
60	824	21,429	1,108
6. Moye, Neil	Ayden, N.C.		
77	822	23,012	1,120
7. Fairbanks, Doug	Anamosa, Iowa		
67	819	21,791	1,201
8. Woodstock Dairy	Corning, Calif.		
58	810	21,112	1,154
9. Gingerich, Dustin	Shippensburg, Pa.		
62	799	21,567	1,046
10. Derr Matthew L. and Alicia C.	Linden, Pa.		
64	788	21,926	1,033

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1. D & D Jerseys	Newton, Wis.		
73	26,273	989	1,305
2. North Carolina State University	Raleigh, N.C.		
54	23,636	870	1,076
3. Virginia Polytechnic Institute & State University	Blacksburg, Va.		
40	23,215	834	1,069
4. Moye, Neil	Ayden, N.C.		
77	23,012	822	1,120
5. Den Kel Jerseys Llc	Byron, N.Y.		
66	22,774	841	1,187
6. Richfield Farms Inc.	Greenwood, Del.		
67	22,558	776	980
7. Derr Matthew L And Alicia C	Linden, Pa.		
64	21,926	788	1,033
8. Fairbanks, Doug	Anamosa, Iowa		
67	21,791	819	1,201
9. Lutz Herby & Amanda	Chester, S.C.		
59	21,764	778	1,065
10. Diamond Valley Dairy	Salem, Ore.		
41	21,706	776	952

40 - 79 Records By Fat (M.E.)

1. D & D Jerseys	Newton, Wis.		
73	1,305	26,273	989
2. Fairbanks, Doug	Anamosa, Iowa		
67	1,201	21,791	819
3. Den Kel Jerseys Llc	Byron, N.Y.		
66	1,187	22,774	841
4. Spring Valley Farm	Millersburg, Ohio		
59	1,170	20,609	783
5. Troutman, Connie	Mohrsville, Pa.		
51	1,155	19,842	748
6. Woodstock Dairy	Corning, Calif.		
58	1,154	21,112	810
7. Moye, Neil	Ayden, N.C.		
77	1,120	23,012	822
8. Core Jeff & Alta Mae	Salvisa, Ky.		
60	1,108	21,429	824
9. Tuttle, Scott O	Windham, N.Y.		
47	1,089	21,460	753
10. Cantendo Acres-Grazeland	Jerseys Wooster, Ohio		
46	1,081	20,163	760

10 - 39 Records By Protein (M.E.)

1. Brant Joseph & Debra	Cuba City, Wis.		
22	971	27,167	1,272
2. Herrington Kevin & Annetta	Dansville, N.Y.		
24	856	21,770	1,003
3. Moore, Brian J	Mount Ulla, N.C.		
34	847	22,734	1,084
4. Miller, Leroy	Mayslick, Ky.		
23	846	21,665	1,273
5. Alves, Isidro	Fallon, Nev.		
23	837	22,254	1,018
6. Hoyt W Jason & Lori J	Fort Ann, N.Y.		
36	818	21,333	1,070
7. Kortus Randy & Jana	Lynden, Wash.		
36	809	22,566	1,233
8. Ron & Christy Ratliff, Trustees	Garnett, Kan.		
33	807	21,439	1,170
9. Sulzer Farms, Llc	Marathon, Wis.		
33	801	20,552	1,081
10. Allen, David	Reedsburg, Wis.		
23	783	21,251	997

10 - 39 Records By Milk (M.E.)

1. Brant Joseph & Debra	Cuba City, Wis.		
22	27,167	971	1,272
2. Moore, Brian J	Mount Ulla, N.C.		
34	22,734	847	1,084
3. Kortus Randy & Jana	Lynden, Wash.		
36	22,566	809	1,233
4. Alves, Isidro	Fallon, Nev.		
23	22,254	837	1,018
5. Herrington Kevin & Annetta	Dansville, N.Y.		
24	21,770	856	1,003
6. BWC Weststeyn Dairy Lp	Linden, Calif.		
27	21,671	732	899
7. Miller, Leroy	Mayslick, Ky.		
23	21,665	846	1,273
8. Woodmohr Jerseys	Bloomer, Wis.		
35	21,466	778	1,230
9. Ron & Christy Ratliff, Trustees	Garnett, Kan.		
33	21,439	807	1,170
10. Hoyt W Jason & Lori J	Fort Ann, N.Y.		
36	21,333	818	1,070

10 - 39 Records By Fat (M.E.)

1. Miller, Leroy	Mayslick, Ky.		
23	1,273	21,665	846
2. Brant Joseph & Debra	Cuba City, Wis.		
22	1,272	27,167	971
3. Moser, Pamela H	Middletown, Md.		
24	1,244	20,149	731
4. Kortus Randy & Jana	Lynden, Wash.		
36	1,233	22,566	809
5. Woodmohr Jerseys	Bloomer, Wis.		
35	1,230	21,466	778
6. Ron & Christy Ratliff, Trustees	Garnett, Kan.		
33	1,170	21,439	807
7. Kimball, Keith R	Groveland, N.Y.		
33	1,139	21,090	779
8. Mississippi State University	Mississippi State, Miss.		
34	1,088	19,322	746
9. Moore, Brian J	Mount Ulla, N.C.		
34	1,084	22,734	847
10. Michalovich, Kari	Lakeville, Ohio		
15	1,082	19,471	769

High Production Herds

(continued from page xx)

with a 2018 herd average of 23,625 lbs. milk, 1,185 lbs. fat and 889 lbs. protein. The top producer in the herd, Dodan Des Valentino De-Zy-ET, Excellent-91%, made 31,620 lbs. milk, 1,490 lbs. fat and 1,115 lbs. protein at 6-0. She is in the donor dam program at D & D Jerseys and has 23 registered progeny to date.

By making significant gains in the lactation average for milk and fat over last year, Cold Run Jerseys LLC moved into the top spot for fat and ranks fourth for milk, protein and cheese yield. The 212-cow dairy owned by David and James Herron has a 2018 lactation average of 25,764 lbs. milk, 1,465 lbs. fat and 943 lbs. protein on 212 cows. The cheese yield equivalent is 3,251 lbs. The dairy also ranks first in the nation for actual fat production with a 2018 herd average of 22,654 lbs. milk, 1,299 lbs. fat and 830 lbs. protein.

Eleven cows in the Cold Run Jerseys herd produced records ranked among the top 305-day records for 2018. Three made fat records ranked among the top 25 in breed history: JX Cold Run Tex Diceon {4}, Excellent-90%, with 30,990 lbs. milk, 2,482 lbs. fat (8.0%) and 1,002 lbs. protein at 6-4; Cold Run Belvedere Marcella, Excellent-92%, with 32,730 lbs. milk, 2,215 lbs. fat (6.8%) and 1,087 lbs. protein at 5-2; and Cold Run Surefire Briza, Excel-

Top 10 Herds for Cheese Yield (M.E.)

1. D & D Jerseys	3,370
2. John and Edwin Maxwell	3,355
3. Joseph and Debra Brant	3,315
4. Cold Run Jerseys LLC	3,251
5. Hoards Dairyman Farm	3,045
6. Merle Lawton	3,026
7. Ahlem Foothill Farms	2,992
8. James Ahlem	2,951
9. Ryan D. Clark	2,949
10. Dale Pheasant	2,928

lent-90%, with 29,940 lbs. milk, 2,147 lbs. fat (7.2%) and 1,063 lbs. protein at 4-9. The records made by "Diceon" and "Briza" are National Class Leaders and the record made by "Marcella" ranks second.

Another standout in the herd, Arethusia HG Libby-ET, Excellent-91%, made back-to-back appearances on the list of the top 305-day records, this year making 30,560 lbs. milk, 1,884 lbs. fat, 1,167 lbs. protein and 4,038 lbs. cheese yield (ranked 10th). In 2017, she made the record ranked second for protein and cheese yield and third for fat.

A pair of herds owned by James Ahlem and his family rank sixth and seventh for milk. Ahlem Foothill Farms ranks fifth for milk and seventh for protein. The 2,190 cow-herd located in Turlock, Calif., has a 2018 lactation average of 24,366 lbs. milk, 1,167 lbs. fat and 872 lbs. protein. The family's home Jersey herd in Hilmar, Calif.,

Top 10 Herds for Cheese Yield (Actual)

1. D & D Jerseys	3,037
2. John and Edwin Maxwell	2,995
3. Cold Run Jerseys LLC	2,861
4. Joseph and Debra Brant	2,832
5. Woodstock Dairy	2,810
6. Doug Fairbanks	2,738
7. Merle Lawton	2,774
8. Ryan D. Clark	2,687
9. Domino Farms	2,612
10. Hoards Dairyman Farm	2,596

ranks sixth for milk with a 2018 lactation average of 24,181 lbs. milk, 1,128 lbs. fat and 863 lbs. protein on 2,118 cows.

The herds owned by Ahlem, a former president of National All-Jersey Inc. (NAJ) and recipient of the 2013 Distinguished Service Award, are also ranked among the top herds in the country for genetic merit. The home dairy ranks #9 with a herd average JPI of +84; Ahlem Foothill Farms ranks #22 with an average of +80.

The 80-cow herd owned by Merle Lawton and his family of Newark Valley, N.Y., ranks seventh for milk and sixth for protein with a 2018 lactation average of 23,923 lbs. milk, 1,161 lbs. fat and 886 lbs. protein. The herd is also bred for a balance of functional type and genetic merit and has a herd average JPI of +46 and an appraisal average of 87.1%, with 40 Excellents and 55 Very Goods.

(continued to page xx)

750 or More Records By Protein (Actual)

1. Faria Brothers Dairies	Dumas, Texas	890	20,026	1,021	
2. Ahlem Farms Jerseys	Hilmar, Calif.	1,096	749	20,111	882
3. Ahlem Farms Vista	Hilmar, Calif.	2,087	745	20,005	922
4. Rancho Teresita Dairy	Tulare, Calif.	1,478	744	19,547	985
5. Ahlem Foothill Farms	Turlock, Calif.	2,190	732	20,259	990
6. Brentwood Farms	Orland, Calif.	1,215	731	19,417	951
7. C & S Livestock	Hilmar, Calif.	2,241	717	19,834	919
8. Yosemite Jersey Dairy	Hilmar, Calif.	1,984	712	19,194	952
9. Ahlem, James	Hilmar, Calif.	2,118	706	19,642	935
10. Red Top Jerseys	Hilmar, Calif.	3,871	703	18,635	897

750 or More Records By Milk (Actual)

1. Ahlem Foothill Farms	Turlock, Calif.	2,190	20,259	732	990
2. Ahlem Farms Jerseys	Hilmar, Calif.	1,096	20,111	749	882
3. Faria Brothers Dairies	Dumas, Texas	890	20,026	755	1,021
4. Ahlem Farms Vista	Hilmar, Calif.	2,087	20,005	745	922
5. C & S Livestock	Hilmar, Calif.	2,241	19,834	717	919
6. Ahlem, James	Hilmar, Calif.	2,118	19,642	706	935
7. Rancho Teresita Dairy	Tulare, Calif.	1,478	19,547	744	985
8. Brentwood Farms	Orland, Calif.	1,215	19,417	731	951
9. Yosemite Jersey Dairy	Hilmar, Calif.	1,984	19,194	712	952
10. Clover Farms	Dundas, Ill.	1,312	18,912	666	922

750 or More Records By Fat (Actual)

1. Faria Brothers Dairies	Dumas, Texas	890	1,021	20,026	755
2. Ahlem Foothill Farms	Turlock, Calif.	2,190	990	20,259	732
3. Rancho Teresita Dairy	Tulare, Calif.	1,478	985	19,547	744
4. Yosemite Jersey Dairy	Hilmar, Calif.	1,984	952	19,194	712
5. Brentwood Farms	Orland, Calif.	1,215	951	19,417	731
6. Ahlem, James	Hilmar, Calif.	2,118	935	19,642	706
7. Ahlem Farms Vista	Hilmar, Calif.	2,087	922	20,005	745
8. Clover Farms	Dundas, Ill.	1,312	922	18,912	666
9. C & S Livestock	Hilmar, Calif.	2,241	919	19,834	717
10. Kutz Dairy Llc	Jefferson, Wis.	1,708	914	17,285	642

300 - 749 Records By Protein (Actual)

1. Vanexel Hank & Carolyn	Lodi, Calif.	361	758	20,989	993
2. Jade Dairy	Hilmar, Calif.	512	735	20,162	1,014
3. Mount Rock Jerseys Llc	Newville, Pa.	327	729	19,610	1,017
4. Albright Jerseys Llc	Willard, Ohio	472	713	19,941	892
5. Jenks, William H (Jim)	Marathon, Wis.	547	712	17,973	1,012
6. Kessenich Farms Llc	De Forest, Wis.	323	710	19,358	1,014
7. Dutch Hollow Farm	Schodack Landing, N.Y.	696	696	19,402	954
8. Bohnert Jerseys	East Moline, Ill.	465	694	18,663	947
9. Twin Star Dairy	Turlock, Calif.	334	687	18,501	935
10. Boer Jerseys	Dalhart, Texas	492	680	18,436	905

300 - 749 More Records By Milk (Actual)

1. Vanexel Hank & Carolyn	Lodi, Calif.	361	20,989	758	993
2. Jade Dairy	Hilmar, Calif.	512	20,162	735	1,014
3. Albright Jerseys Llc	Willard, Ohio	472	19,941	713	892
4. Mount Rock Jerseys Llc	Newville, Pa.	327	19,610	729	1,017
5. Dutch Hollow Farm	Schodack Landing, N.Y.	696	19,402	696	954
6. Kessenich Farms Llc	De Forest, Wis.	323	19,358	710	1,014
7. Bohnert Jerseys	East Moline, Ill.	465	18,663	694	947
8. Wilsonview Dairy	Tillamook, Ore.	443	18,657	642	867
9. Twin Star Dairy	Turlock, Calif.	334	18,501	687	935
10. Boer Jerseys	Dalhart, Texas	492	18,436	680	905

300 - 749 More Records By Fat (Actual)

1. Mount Rock Jerseys Llc	Newville, Pa.	327	1,017	19,610	729
2. Jade Dairy	Hilmar, Calif.	512	1,014	20,162	735
3. Kessenich Farms Llc	De Forest, Wis.	323	1,014	19,358	710
4. Jenks, William H (Jim)	Marathon, Wis.	547	1,012	17,973	712
5. Crosswind Jerseys	Elkton, S.D.	749	1,001	17,747	651
6. Vanexel Hank & Carolyn	Lodi, Calif.	361	993	20,989	758
7. Dutch Hollow Farm	Schodack Landing, N.Y.	696	954	19,402	696
8. Bohnert Jerseys	East Moline, Ill.	465	947	18,663	694
9. Twin Star Dairy	Turlock, Calif.	334	935	18,501	687
10. Boer Jerseys	Dalhart, Texas	492	905	18,436	680

150 - 299 Records By Protein (Actual)

1. Maxwell John & Edwin	Donahue, Iowa	892	23,513	1,124
2. Cold Run Jerseys Llc	Salem, Ohio	830	22,654	1,299
3. Clark, Ryan D	Tyrone, Pa.	202	20,363	1,018
4. Pheasant, Dale	Martinsburg, Pa.	199	20,531	996
5. Knepper, Mark D	Hustontown, Pa.	261	20,633	945
6. Sand Creek Dairy Llc	Hastings, Mich.	208	20,098	980
7. Kunde David & Donna	Manchester, Iowa	191	20,768	998
Steiner, Matthew	Marshallville, Ohio	203	18,979	945
9. Borba Frank & Carol	Escalon, Calif.	267	19,513	938
10. Sunray Dairy Llp	Mindoro, Wis.	169	17,789	910

150 - 299 Records By Milk (Actual)

1. Maxwell John & Edwin	Donahue, Iowa	198	23,513	892	1,124
2. Cold Run Jerseys Llc	Salem, Ohio	212	22,654	830	1,299
3. Kunde David & Donna	Manchester, Iowa	191	20,768	731	998
4. Knepper, Mark D	Hustontown, Pa.	261	20,633	759	945
5. Pheasant, Dale	Martinsburg, Pa.	199	20,531	769	996
6. Clark, Ryan D	Tyrone, Pa.	202	20,363	793	1,018
7. Sand Creek Dairy Llc	Hastings, Mich.	208	20,098	750	980
8. Borba Frank & Carol	Escalon, Calif.	267	19,513	728	938
9. Steiner, Matthew	Marshallville, Ohio	203	18,979	731	945
10. Price Brothers Jerseys	Statesville, N.C.	153	18,869	675	884

150 - 299 Records By Fat (Actual)

1. Cold Run Jerseys Llc	Salem, Ohio	212	1,299	22,654	830
2. Maxwell John & Edwin	Donahue, Iowa	198	1,124	23,513	892
3. Lyon Jerseys	Toledo, Iowa	150	1,058	18,738	681
4. Clark, Ryan D	Tyrone, Pa.	202	1,018	20,363	793
5. Kunde David & Donna	Manchester, Iowa	191	998	20,768	731
6. Pheasant, Dale	Martinsburg, Pa.	199	996	20,531	769
7. Sand Creek Dairy Llc	Hastings, Mich.	208	980	20,098	750
8. Knepper, Mark D	Hustontown, Pa.	261	945	20,633	759
Steiner, Matthew	Marshallville, Ohio	203	945	18,979	731
10. Borba Frank & Carol	Escalon, Calif.	267	938	19,513	728

80 - 149 Records By Protein (Actual)

1. Lawton, Merle	Newark Valley, N.Y.	80	812	22,013	1,066
2. Vanderfeltz Jerseys	Lawton, Pa.	131	774	19,629	928
3. Domino Farms	Accord, N.Y.	80	773	20,162	997
4. Hoards Dairyman Farm	Fort Atkinson, Wis.	131	758	19,812	1,015
5. Bar Lee Jerseys Llc	Willard, Ohio	127	724	20,425	972
6. Allen, David	Reedsburg, Wis.	94	711	19,511	923
7. Martin, Brian L	Kutztown, Pa.	117	710	19,707	961
8. Shipley Jersey Farms	Newark, Ohio	96	709	19,524	929
Rudgers, Lyman	Attica, N.Y.	119	709	19,228	956
10. Hawarden Jerseys Inc	Weston, Idaho	106	704	18,191	901

80 - 149 Records By Milk (Actual)

1. Lawton, Merle	Newark Valley, N.Y.	80	22,013	812	1,066
2. Bar Lee Jerseys Llc	Willard, Ohio	127	20,425	724	972
3. Domino Farms	Accord, N.Y.	80	20,162	773	997
4. Hoards Dairyman Farm	Fort Atkinson, Wis.	131	19,812	758	1,015
5. Martin, Brian L	Kutztown, Pa.	117	19,707	710	961
6. Vanderfeltz Jerseys	Lawton, Pa.	131	19,629	774	928
7. Shipley Jersey Farms	Newark, Ohio	96	19,524	709	929
8. Allen, David	Reedsburg, Wis.	94	19,511	711	923
9. Kirchoerfer, Joe	Cpe Girardeau, Mo.	104	19,430	673	788
10. South-Mont Farm	Canton, Pa.	89	19,416	695	960

80 - 149 Records By Fat (Actual)

1. Lawton, Merle	Newark Valley, N.Y.	80	1,066	22,013	812
2. Hoards Dairyman Farm	Fort Atkinson, Wis.	131	1,015	19,812	758
3. Domino Farms	Accord, N.Y.	80	997	20,162	773
4. Bar Lee Jerseys Llc	Willard, Ohio	127	972	20,425	724
Vanderhaak Dairy	Lynden, Wash.	101	972	17,017	639
6. Martin, Brian L	Kutztown, Pa.	117	961	19,707	710
7. South-Mont Farm	Canton, Pa.	89	960	19,416	695
8. Rudgers, Lyman	Attica, N.Y.	119	956	19,228	709
9. Bollenbacher Max & Family	Argos, Ind.	139	953	18,425	673
10. Shipley Jersey Farms	Newark, Ohio	96	929	19,524	709

40 - 79 Records By Protein (Actual)

1. D & D Jerseys	Newton, Wis.	73	889	23,625	1,185
2. Woodstock Dairy	Corning, Calif.	58	815	21,783	1,154
3. Fairbanks, Doug	Anamosa, Iowa	67	805	21,905	1,184
4. Docheff Jerseys	Longmont, Colo.	59	753	20,417	928
5. Virginia Polytechnic Institute & State University	Blacksburg, Va.	40	737	20,434	955
Colopy, Benjamin P	Perry, N.Y.	79	737	19,732	991
7. Diamond Valley Dairy	Salem, Ore.	41	735	21,072	898
8. North Carolina State University	Raleigh, N.C.	54	731	19,706	916
9. Den Kel Jerseys Llc	Byron, N.Y.	66	726	19,644	1,035
10. Hy-Light Farms Llc	Adams Center, N.Y.	42	725	20,176	1,064

40 - 79 Records By Milk (Actual)

1. D & D Jerseys	Newton, Wis.	73	23,625	889	1,185
2. Fairbanks, Doug	Anamosa, Iowa	67	21,905	805	1,184
3. Woodstock Dairy	Corning, Calif.	58	21,783	815	1,154
4. Diamond Valley Dairy	Salem, Ore.	41	21,072	735	898
5. Virginia Polytechnic Institute & State University	Blacksburg, Va.	40	20,434	737	955
6. Docheff Jerseys	Longmont, Colo.	59	20,417	753	928
7. Hy-Light Farms Llc	Adams Center, N.Y.	42	20,176	725	1,064
8. Bowman Dairy Inc	Julian, N.C.	53	19,898	717	986
9. Moye, Neil	Ayden, N.C.	77	19,811	712	981
10. Colopy, Benjamin P	Perry, N.Y.	79	19,732	737	991

40 - 79 Records By Fat (Actual)

1. D & D Jerseys	Newton, Wis.	73	1,185	23,625	889
2. Fairbanks, Doug	Anamosa, Iowa	67	1,184	21,905	805
3. Woodstock Dairy	Corning, Calif.	58	1,154	21,783	815
4. Hy-Light Farms Llc	Adams Center, N.Y.	42	1,064	20,176	725
5. Den Kel Jerseys Llc	Byron, N.Y.	66	1,035	19,644	726
6. Spring Valley Farm	Millersburg, Ohio	59	1,021	17,794	679
7. Colopy, Benjamin P	Perry, N.Y.	79	991	19,732	737
8. Bowman Dairy Inc	Julian, N.C.	53	986	19,898	717
9. Moye, Neil	Ayden, N.C.	77	981	19,811	712
10. Heinz, Lloyd	Shawano, Wis.	75	969	19,347	712

10 - 39 Records By Protein (Actual)

1. Brant Joseph & Debra	Cuba City, Wis.	22	828	22,924	1,093
2. Sulzer Farms, Llc	Marathon, Wis.	33	753	19,208	1,023
3. Alves, Isidro	Fallon, Nev.	23	736	19,412	898
4. Herrington Kevin & Annetta	Dansville, N.Y.	24	733	18,583	863
5. Lippert, Matt	Pittsville, Wis.	22	732	18,879	1,024
Miller, Leroy	Mayslick, Ky.	23	732	18,718	1,099
7. Kortus Randy & Jana	Lynden, Wash.	36	728	20,373	1,125
8. Moore, Brian J	Mount Ulla, N.C.	34	721	19,701	934
Harpster, Harold	Boalsburg, Pa.	39	721	18,673	993
10. Ron & Christy Ratliff, Trustees	Garnett, Kan.	33	720	19,181	1,056

10 - 39 Records By Milk (Actual)

1. Brant Joseph & Debra	Cuba City, Wis.	22	22,924	828	1,093
2. Kortus Randy & Jana	Lynden, Wash.	36	20,373	728	1,125
3. Chaney Farms	Bowling Green, Ky.	13	20,228	704	905
4. Sukalski Stephanie, Joseph & Kenric	Le Roy, Minn.	22	20,058	688	1,029
5. Woodmohr Jerseys	Bloomer, Wis.	35	19,809	719	1,141
6. Moore, Brian J	Mount Ulla, N.C.	34	19,701	721	934
7. Myers, Philip H	Louisville, Ohio	38	19,484	704	922
8. Alves, Isidro	Fallon, Nev.	23	19,412	736	898
9. Deraadt, Jake	Lemoore, Calif.	35	19,343	677	882
10. Smith, Amanda C	Denmark, Wis.	12	19,283	684	908

10 - 39 Records By Fat (Actual)

1. Woodmohr Jerseys	Bloomer, Wis.	35	1,141	19,809	719
2. Kortus Randy & Jana	Lynden, Wash.	36	1,125	20,373	728
3. Moser, Pamela H	Middletown, Md.	24	1,115	17,851	648
4. Miller, Leroy	Mayslick, Ky.	23	1,099	18,718	732
5. Brant Joseph & Debra	Cuba City, Wis.	22	1,093	22,924	828
6. Ron & Christy Ratliff, Trustees	Garnett, Kan.	33	1,056	19,181	720
7. Sukalski Stephanie, Joseph & Kenric	Le Roy, Minn.	22	1,029	20,058	688
8. Lippert, Matt	Pittsville, Wis.	22	1,024	18,879	732
9. Sulzer Farms, Llc	Marathon, Wis.	33	1,023	19,208	753
10. Harpster, Harold	Boalsburg, Pa.	39	993	18,673	721

State Herd	City	Records	Pounds		
			Protein	Milk	Fat
California					
Ahlem Farms Jerseys	Hilmar	1,096	776	20,606	922
Ahlem Farms Vista	Hilmar	2,087	754	19,975	939
Ahlem Foothill Farms	Turlock	2,190	872	24,366	1,167
Ahlem, James	Hilmar	2,118	863	24,181	1,128
Blount Kevin & Ronda	Turlock	838	759	20,298	1,010
Borba Frank & Carol	Escalon	267	796	21,473	1,019
Brentwood Farms	Orland	1,215	773	20,198	1,004
Bwc Weststeyn Dairy Lp	Linden	27	732	21,671	899
C & S Livestock	Hilmar	2,241	776	21,105	996
Cal Poly Corporation	San Luis Obispo	97	808	23,330	1,059
Chateau Basque Jerseys	Ceres	839	735	20,111	940
Cozzitorto, Louie	Turlock	20	774	20,853	932
Dias Family Dairy	Hilmar	387	774	20,304	882
Four J Jerseys	Tipton	1,855	790	21,287	1,027
Green Valley Dairy	Kerman	807	752	20,377	1,044
Jade Dairy	Hilmar	512	842	23,232	1,159
Jer-Z-Boyz Ranch	Pixley	4,508	779	20,302	1,009
Legacy Ranch	Tipton	449	761	20,549	987
Live Oak Dairy	Hilmar	517	728	20,249	967
Nyman Bros	Hilmar	1,093	727	20,445	963
Rancho Teresita Dairy	Tulare	1,478	814	21,257	1,070
Red Top Jerseys	Hilmar	3,871	845	22,513	1,064
Sunwest Jersey Dairy	Hilmar	1,271	799	21,762	1,031
Twin Star Dairy	Turlock	334	815	22,124	1,097
Vanexel Hank & Carolyn	Lodi	361	808	21,980	1,056
Wickstrom Jersey Farms Inc	Hilmar	2,264	817	22,087	1,058
Woodstock Dairy	Corning	58	810	21,112	1,154
Yosemite Jersey Dairy	Hilmar	1,984	769	20,425	1,027
Connecticut					
Arethusa Farm	Litchfield	43	772	20,336	1,049
Ledgebrook Farm	Canterbury	78	689	19,296	1,002
Delaware					
Richfield Farms Inc	Greenwood	67	776	22,558	980
Idaho					
Hawarden Jerseys Inc	Weston	106	773	19,969	984
Illinois					
Bohnert Jerseys	East Moline	465	764	20,121	1,045
Clover Farms	Dundas	1,312	772	21,927	1,060
Kahl Todd, Rene & Mason	Belvidere	16	757	19,980	1,028
Storm View Dairy	Shobonier	87	775	21,108	1,063
Indiana					
Arnold, James	Poseyville	47	764	19,511	929
Iowa					
Dykshorn, Paul	Ireton	15	738	19,414	1,030
Fairbanks, Doug	Anamosa	67	819	21,791	1,201
Godbersen, Josh	George	17	731	19,528	1,002
Hanson, Kaitlin	Decorah	36	779	21,252	1,046
Knapp, Kevin G	Larchwood	71	734	21,049	1,033
Kunde David & Donna	Manchester	191	813	23,080	1,104
Lyon Jerseys	Toledo	150	738	20,333	1,146
Maxwell John & Edwin	Donahue	198	1,003	26,523	1,252
Ne Iowa Dairy Foundation	Calmar	43	729	20,815	1,068
Summit Farm Inc	Lester	213	752	20,642	965
Kansas					
Anyking Dairy	Centralia	78	734	19,810	1,005
Ron & Christy Ratliff, Trustees	Garnett	33	807	21,439	1,170
Kentucky					
Chaney Farms	Bowling Green	13	726	20,478	928
Core Jeff & Alta Mae	Salvisa	60	824	21,429	1,108
Miller, Leroy	Mayslick	23	846	21,665	1,273
Maine					
Highland Farms	Cornish	260	690	20,027	994
Lowell Family Farm	Buckfield	42	718	18,612	1,001
Silver Maple Farms Inc	Albion	129	749	20,929	1,036
Taylor Brothers	Saint Albans	243	763	21,057	1,056
Maryland					
Moser, Pamela H	Middletown	24	731	20,149	1,244
Savage, Ryan Michael	Knoxville	11	745	20,992	995
Shenandoah Jerseys	Boonsboro	78	759	21,076	963
St Brigids Farm	Kennedyville	42	714	20,609	954
Massachusetts					
Kokoski, John	Hadley	128	712	18,239	993
Michigan					
Sand Creek Dairy Llc	Hastings	208	816	21,354	1,068
Minnesota					
Lehnertz, Travis	Plainview	81	771	21,144	1,018

High Production Herds

(continued from page xx)

Sixteen members of the herd made records over 25,000 lbs. milk during 2018. The top producer, Lawtons Plus Vanna {6}, Very Good-84%, won the 2017 National Jersey Youth Production Contest for Ryan Lawton as a junior three-year-old. She has subsequently made an even higher record of 29,130 lbs. milk, 1,439 lbs. fat and 1,086 lbs. protein at 4-3.

A newcomer to the list, North Carolina State University, Raleigh, N.C., ranks eighth for milk and 10th (tie) for protein with a 2018 lactation average of 23,636 lbs. milk, 1,076 lbs. fat and 870 lbs. protein on 54 cows. The farm is home to the Randleigh Jersey herd established by industrialist and philanthropist William Rand Kenan Jr. as well as herds of Holsteins and Guernseys. The university recently joined the agritourism business with an education center and creamery café on campus. The top-producing Jersey, Randleigh Victory 2820, Very Good-84%, made a 4-1 record of 27,650 lbs. milk, 1,010 lbs. fat and 903 lbs. protein in 263 days.

Another student-operated herd follows NC State in the milk rankings. The 97-cow herd owned by Cal Poly Corporation of San Luis Obispo, Calif., ranks ninth with a 2018 lactation average of 23,330 lbs. milk, 1,059 lbs. fat and 808 lbs. protein. The dairy has consistently ranked among the nation's best milk producers.

Boer Jerseys of Dalhart, Texas, makes its debut among the top 10 herds in the nation with a 2018 lactation average of 23,249 lbs. milk, 1,125 lbs. fat and 858 lbs. protein on 492 cows. The milk measure ranks 10th among herds regardless of size and first for milk and fat and second for fat among herds with 300-749 cows. The top producer at the farm in the Texas Panhandle, Bar MB Credibull 9714, made a 2018 record on the National Class Leader list for milk, with 32,360 lbs. milk, 1,266 lbs. fat and 1,130 lbs. protein (3x milking) at 2-11.

Other High-Component M.E. Herds

The 23-cow herd owned by Leroy Miller moves up significantly on the leader board for fat this year with a 2018 lactation average of 21,665 lbs. milk, 1,273 lbs. fat and 846 lbs. protein. Component tests are 5.9% fat and 3.9% protein. The herd was housed and managed at Scenic View Farm in Fredericksburg, Ohio, a stop on the farm tour for the AJCA-NAJ Annual Meetings in 2018.

Pamela H. Moser, Middletown, Md., moves up in the fat rankings this year ranked sixth with her herd of 24 cows that have a 2018 lactation average of 20,149 lbs. milk, 1,244 lbs. fat and 731 lbs. protein.

Component tests are 6.2% fat and 3.6% protein. The bulk tank's top performer, Te-Faw Preacher Man Starbright, Very Good-88%, made a 3-6 record of 26,970 lbs. milk, 1,853 lbs. fat and 890 lbs. protein, which ranks on the current National Class Leader list for fat. The herd includes another 26 Very Good and five Excellent cows and has an appraisal average of 85.1%.

The breed's all-time lactation average leader, Mainstream Jerseys, Lynden, Wash., ranks seventh for fat this year. The herd owned by Randy Kortus and his late wife, Jana, has a 2018 lactation average of 22,566 lbs. milk, 1,233 lbs. fat and 809 lbs. protein on 36 cows.

The Kortuses set the current breed record of 32,395 lbs. milk, 1,502 lbs. fat, 1,134 lbs. protein and 3,869 lbs. cheese yield in 2009. Among the production standouts is the winner of the 2017 Leading Living Lifetime Production Contest, Mainstream Jace Shelly, Excellent-91%, with 389,678 lbs. milk, 19,243 lbs. fat and 14,495 lbs. protein in 3,966 days.

Woodmohr Jerseys of Bloomer, Wis., returns to the national fat list ranked eighth. The 35-cow herd has a 2018 lactation average of 21,466 lbs. milk, 1,230 lbs. fat and 778 lbs. protein. The milking string is also easy on the eyes, with 31 Excellent and six Very Good cows (none lower) and an appraisal average of 91.8%.

One of the 16 cows appraised Excellent-94% or higher, Budjon-Vail Jade Gianna-ET, led the efforts to fill the bulk tank in 2018 with a 7-4 record of 27,150 lbs. milk, 1,342 lbs. fat and 981 lbs. protein. She is a daughter of two-time National Grand Champion and Junior National Grand Champion, Llolyn Jude Griffen-ET, Excellent-95%.

Doug Fairbanks, Anamosa, Iowa, returns to the list of national fat leaders after a year hiatus. His 67-cow herd ranks ninth with a 2018 lactation average of 21,791 lbs. milk, 1,201 lbs. fat and 819 lbs. protein.

Led by 14 members of the herd that made actual 305-day records over 25,000 lbs. milk, the herd ranks sixth for milk, third for fat and seventh for protein on an actual basis with a 2018 herd average of 21,905 lbs. milk, 1,184 lbs. fat and 805 lbs. protein.

A pair of aged cows produced the top records at the dairy, both ranked among the country's top 305-day milk or fat records for 2018 as well. DCB Valentino Amy, Excellent-92%, made 33,820 lbs. milk, 1,413 lbs. fat and 1,053 lbs. protein and DCB Imp Louie Katrina, Very Good-85%, made 32,480 lbs. milk, 1,955 lbs. fat and 1,163 lbs. protein (both 3x milking).

Den-Kel Jerseys LLC, Byron, N.Y., rounds out the top national rankings for fat

State Herd	City	Records	Pounds		
			Protein	Milk	Fat
Smith Haven Dairy Sukalski Stephanie, Joseph & Kenric Wagner Leonard & Family	Hamburg	105	790	21,088	981
	Le Roy	22	704	20,115	1,056
	Litchfield	378	785	20,950	994
Mississippi					
Mississippi State University	Mississippi State	34	706	19,322	1,088
Missouri					
Kirchdoerfer, Joe	Cpe Girardeau	104	773	22,311	899
Nevada					
Alves, Isidro	Fallon	23	837	22,254	1,018
New Hampshire					
Crescent Farm	Walpole	236	740	19,432	996
New York					
Carlson, Cheryl A	Tully	42	762	20,067	1,057
Colopy, Benjamin P	Perry	79	745	19,544	1,002
Cook, William J	Aurora	43	674	20,540	1,005
Den Kel Jerseys Llc	Byron	66	841	22,774	1,187
Domino Farms	Accord	80	824	21,467	1,059
Dutch Hollow Farm	Schodack Landing	696	735	20,038	1,011
Herrington Kevin & Annetta	Dansville	24	856	21,770	1,003
Hoyt W Jason & Lori J	Fort Ann	36	818	21,333	1,070
Hy-Light Farms Llc	Adams Center	42	730	19,796	1,075
Kimball, Keith R	Groveland	33	779	21,090	1,139
Kline, David	Owego	35	707	19,328	983
Lawton, Merle	Newark Valley	80	886	23,923	1,161
Poole Brian J & Tracey A	Oriskany Fls	45	752	21,100	1,009
Rudgers, Lyman	Attica	119	781	20,753	1,057
Streeter Renee & Kevin	Cortland	28	735	19,890	1,031
Terry, Matthew M	Franklin	32	723	19,118	1,023
Tuttle, Scott O	Windham	47	753	21,460	1,089
North Carolina					
Bowman Dairy Inc	Julian	53	772	20,979	1,060
Moore, Brian J	Mount Ulla	34	847	22,734	1,084
Moye, Neil	Ayden	77	822	23,012	1,120
North Carolina State University	Raleigh	54	870	23,636	1,076
Piedmont Jerseys	Lincolnton	229	739	21,429	943
Price Brothers Jerseys	Statesville	153	749	21,074	975
Ohio					
Albright Jerseys Llc	Willard	472	747	20,443	939
Bolen Donald H Family	Fremont	78	732	20,562	991
Cantendo Acres-Grazeland Jerseys	Wooster	46	760	20,163	1,081
Cold Run Jerseys Llc	Salem	212	943	25,764	1,465
Hershberger, Jacob W	Casstown	15	699	18,316	1,013
Michalovich, Kari	Lakeville	15	769	19,471	1,082
Miller Regan F & Family	Big Prairie	10	749	20,023	1,047
Myers, Philip H	Louisville	38	769	21,268	1,006
Nature View Farms Llc	Salem	127	798	21,632	1,041
Ohio State University	Columbus	130	716	20,841	967
Osu Agric Technical Institute	Wooster	51	759	21,001	1,050
Silver Creek Dairy Farm, Llc	Forest	88	730	19,452	997
Spring Valley Farm	Millersburg	59	783	20,609	1,170
Steiner, Aaron	Burbank	60	713	18,779	1,002
Steiner, Matthew	Marshallville	203	802	20,866	1,033
Oregon					
Dairylain Farms	Vale	427	721	20,134	948
Diamond Valley Dairy	Salem	41	776	21,706	952
Forest Glen Jerseys	Dayton	179	708	20,360	936
Hogan, David L	Tillamook	2,182	830	22,135	1,073
Legendairy Farms	Beaver	324	769	19,810	1,055
Martin Dairy Llc	Tillamook	763	752	19,892	1,028
Silva, Eric Leonard	Beaver	228	714	19,246	1,045
Wilsonview Dairy	Tillamook	443	711	20,714	955
Pennsylvania					
Brewer Farms	Bangor	19	772	21,186	992
Clark, Ryan D	Tyrone	202	871	22,158	1,115
Derr Matthew L And Alicia C	Linden	64	788	21,926	1,033
Diehl Joe & Kristin	Mcveytown	166	726	20,131	988
Gingerich, Dustin	Shippensburg	62	799	21,567	1,046
Harpster, Harold	Boalsburg	39	780	20,151	1,072
Hoover, Martin	Mohnton	63	746	19,823	1,025
Knepper, Mark D	Hustontown	261	765	20,343	956
Martin, Brian L	Kutztown	117	829	23,015	1,118
Mount Rock Jerseys Llc	Newville	327	787	20,926	1,097
Pheasant, Dale	Martinsburg	199	870	23,203	1,127
South-Mont Farm	Canton	89	728	19,865	1,013
Spruce Row Farm, Inc.	Meadville	237	754	20,822	986
Troutman, Connie	Mohrsville	51	748	19,842	1,155
Van De Jerseys	Transfer	258	710	18,724	1,048

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High Production Herds

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with a 2018 lactation average of 22,774 lbs. milk, 1,187 lbs. fat and 841 lbs. protein on 66 cows. The herd also ranks among the best for genetic merit, currently #28 with a herd average JPI of +77.

In the national protein rankings, Hoard's Dairyman Farm, Fort Atkinson, Wis., makes its debut ranked fifth. With tremendous gains in all measures of production over last year, the 131-cow dairy has a 2018 lactation average of 22,992 lbs. milk, 1,184 lbs. fat and 891 lbs. protein. The herd also ranks fifth in the nation for cheese yield, with a standardized yield of 3,045 lbs.

Jerseys were first added to the well-known Guernsey herd in 2009. Today, the herd consists of equal numbers of each. Eight Jersey matriarchs made actual records over 25,000 lbs. milk during 2018, including Dairyman Miles 2228, Very Good-82%, with 27,910 lbs. milk, 1,576 lbs. fat and 1,006 lbs. protein (3x milking) at 3-8.

Three Pennsylvania herds round out the top rankings for protein. Vanderfelt Jerseys of Lawton ranks eighth with a 2018 lactation average of 22,177 lbs. milk, 1,045 lbs. fat and 872 lbs. protein on 131 cows. Ryan D. Clark, Tyrone, ranks ninth with a 2018 lactation average of 22,158 lbs. milk, 1,115 lbs. fat and 871 lbs. protein on 202 cows.

Dale Pheasant of Martinsburg makes his first appearance among the top herds ranked 10th (tie) with a 2018 lactation average of 23,203 lbs. milk, 1,127 lbs. fat and 870 lbs. protein on 199 cows. Four cows in the herd made records over 30,000 lbs. milk, including Hackline Zik Fax 598. The Excellent-92% matriarch made 31,440 lbs. milk, 1,124 lbs. fat and 992 lbs. protein at 10-5, a milk record that ranks on the current National Class Leader list.

Other High Actual Averages

Many of the top herds for actual production averages are also top herds for standardized production, so have been previously mentioned.

Of those that haven't been mentioned, Woodstock Dairy, Corning, Calif., ranks seventh for milk, fourth for fat and fifth for protein with a 2018 herd average of 21,783 lbs. milk, 1,154 lbs. fat and 815 lbs. protein. The 58-cow dairy owned by Wayne and Lori Woods and their family also ranks fifth in the nation for actual cheese yield, with 2,810 lbs.

The top producer at Woodstock Dairy, Woodstock Merchant Al Tina Marie, Excellent-90%, is one of 20 Excellents in the herd. She made 29,820 lbs. milk, 1,643 lbs. fat and 1,057 lbs. protein (3x milking) at 5-9. She is a granddaughter of the highest-appraised cow, Woodstock Legion Tina Marie-ET, Excellent-93%.

Diamond Valley Dairy, Salem, Ore., ranks eighth for milk with a 2018 herd average of 21,072 lbs. milk, 898 lbs. fat and 735 lbs. protein on 41 cows.

Hank and Carolyn VanExel, Lodi, Calif., rank ninth for milk with their 361-cow herd that has a 2018 herd average of 20,989 lbs. milk, 993 lbs. fat and 758 lbs. protein.

David and Donna Kunde, Manchester, Iowa, rank 10th for milk with a 2018 herd average of 20,768 lbs. milk, 998 lbs. fat and 731 lbs. protein on 191 cows.

Domino Farms, Accord, N.Y. rounds out the top rankings for actual production. The 80-cow herd has a 2018 herd average of 20,162 lbs. milk, 997 lbs. fat and 773 lbs. protein, a measure that ranks 10th overall.

M.E. Production Leaders by Herd Size

The *Jersey Journal* also publishes national production leaders ranked by herd sizes. Many of the leaders have been previously mentioned.

Among the largest herds with 750 or more cows, Red Top Jerseys, Hilmar, Calif., ranks third for milk and protein with a 2018 lactation average of 22,513 lbs. milk, 1,064 lbs. fat and 845 lbs. protein on 3,871 cows. The dairy owned by Mike and Scott Wickstrom and the Nyman brothers also

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State Herd	City	Records	Pounds		
			Protein	Milk	Fat
Vanderfelt Jerseys	Lawton	131	872	22,177	1,045
Vista Grande Farms, Llc	Fleetwood	19	768	20,345	1,011
Wooden Bridge Farm	Kutztown	21	718	19,659	1,005
South Carolina					
Clemson University/Dairy Farm	Clemson	44	756	20,599	986
Ettinger Amber & Kenley Cameron	Kinards	152	717	19,976	1,013
Lutz Herby & Amanda	Chester	59	778	21,764	1,065
South Dakota					
Crosswind Jerseys	Elkton	749	722	19,290	1,108
Oak Lane Jerseys	Alexandria	154	726	19,031	1,013
Upland Colony	Artesian	124	711	19,500	1,031
Tennessee					
Fritz, John H	Springfield	16	712	20,708	941
Texas					
Avila Richard & Jennifer M	Dalhart	1,933	828	22,259	1,049
Boer Jerseys	Dalhart	492	858	23,249	1,125
Consolidated Dairy Management, Llc	Hartley	3,471	762	20,589	991
Faria Brothers Dairies	Dumas	890	842	22,477	1,134
Utah					
Westergard Delwyn V/Westergard Jerseys	Ogden	12	680	18,044	986
Vermont					
Lucky Hill Farm	Danville	161	757	20,144	1,015
Richardson Family Farm	Woodstock	51	722	18,120	995
Virginia					
Huffard Dairy Farms	Crockett	316	755	20,611	981
Virginia Polytechnic Institute & State University	Blacksburg	40	834	23,215	1,069
Washington					
Kortus Randy & Jana	Lynden	36	809	22,566	1,233
Vanderhaak Dairy	Lynden	101	650	16,884	992
Wisconsin					
Allen, David	Reedsburg	94	818	22,438	1,052
Allen, David	Reedsburg	23	783	21,251	997
Brant Joseph & Debra	Cuba City	22	971	27,167	1,272
Buttles Andy & Lyn	Lancaster	28	671	18,151	1,061
D & D Jerseys	Newton	73	989	26,273	1,305
Ehlers Family Farm Llc	Theresa	62	743	20,136	934
Heinz, Lloyd	Shawano	75	753	20,042	1,025
Hoards Dairyman Farm	Fort Atkinson	131	891	22,992	1,184
Jenks, William H (Jim)	Marathon	547	747	18,504	1,059
Kessenich Farms Llc	De Forest	323	741	19,756	1,058
Killian Steven & Amanda	Blair	25	745	19,745	1,059
Kyle, Hayden W	Elkhorn	86	713	19,871	988
Lippert, Matt	Pittsville	22	757	19,230	1,058
Luttrupp, Jason	Berlin	62	757	20,414	954
Owens Farms Inc	Frederic	650	760	19,829	1,000
Seyller, William	Fond Du Lac	23	714	20,397	1,020
Smith, Amanda C	Denmark	12	745	21,060	983
Spring Creek Farms	Hixton	79	707	19,998	979
Sulzer Farms, Llc	Marathon	33	801	20,552	1,081
Sunray Dairy Llp	Mindoro	169	827	20,237	1,025
Traiser, Melissa Ann	Somerseset	24	697	18,814	1,035
Trescher, Annette	Cashton	31	776	21,052	1,034
Vandell Farms Inc	Sharon	83	735	20,994	987
Wilterdink, Don	Sheboygan Fls	44	656	18,724	1,009
Woodmohr Jerseys	Bloomer	35	778	21,466	1,230
Wussow Ron & Nicollet	Cecil	63	769	21,534	1,073

State Herd	City	Records	Pounds		
			Protein	Milk	Fat
California					
Ahlem Farms Jerseys	Hilmar	1,096	749	20,111	882
Ahlem Farms Partnership	Hilmar	2,345	678	18,101	830
Ahlem Farms Vista	Hilmar	2,087	745	20,005	922
Ahlem Foothill Farms	Turlock	2,190	732	20,259	990
Ahlem, James	Hilmar	2,118	706	19,642	935
Blount Kevin & Ronda	Turlock	838	650	17,232	872
Borba Frank & Carol	Escalon	267	728	19,513	938
Brentwood Farms	Orland	1,215	731	19,417	951
Bwc Weststeyn Dairy Lp	Linden	27	640	18,876	795
C & S Livestock	Hilmar	2,241	717	19,834	919
Cal Poly Corporation	San Luis Obispo	97	677	19,396	897
Cozzitorto, Louie	Turlock	20	654	17,545	793
Deraadt, Jake	Lemoore	35	677	19,343	882
Dias Family Dairy	Hilmar	387	671	17,523	773
Fiscalini Farms	Modesto	75	698	19,588	928
Four J Jerseys	Tipton	1,855	684	18,443	896
Green Valley Dairy	Kerman	807	633	17,026	888
Jade Dairy	Hilmar	512	735	20,162	1,014
Jer-Z-Boyz Ranch	Pixley	4,508	664	17,162	867
Legacy Ranch	Tipton	449	670	17,958	875
Rancho Teresita Dairy	Tulare	1,478	744	19,547	985
Red Top Jerseys	Hilmar	3,871	703	18,635	897
Sunwest Jersey Dairy	Hilmar	1,271	658	17,830	855
The Dairy Inc.	Five Points	36	703	19,141	883
Twin Star Dairy	Turlock	334	687	18,501	935
Vanexel Hank & Carolyn	Lodi	361	758	20,989	993
Vanexel Hank & Carolyn	Lodi	157	643	17,633	829
Wickstrom Jersey Farms Inc	Hilmar	2,264	686	18,411	897
Woodstock Dairy	Corning	58	815	21,783	1,154
Yosemite Jersey Dairy	Hilmar	1,984	712	19,194	952
Colorado					
Docheff Jerseys	Longmont	59	753	20,417	928
Connecticut					
Arethusa Farm	Litchfield	43	700	18,545	952
Ledgebrook Farm	Canterbury	78	615	17,202	896
Delaware					
Richfield Farms Inc	Greenwood	67	650	18,866	828
Idaho					
Hawarden Jerseys Inc	Weston	106	704	18,191	901
Illinois					
Bohnert Jerseys	East Moline	465	694	18,663	947
Clover Farms	Dundas	1,312	666	18,912	922
Kahl Todd, Rene & Mason	Belvidere	16	719	19,076	979
Storm View Dairy	Shobonier	87	672	18,250	923
Indiana					
Arnold, James	Poseyville	47	670	17,092	822
Bollenbacher Max & Family	Argos	139	673	18,425	953
Iowa					
Fairbanks, Doug	Anamosa	67	805	21,905	1,184
Godberson, Josh	George	17	636	16,756	877
Hanson, Kaitlin	Decorah	36	665	18,102	902
Hickory Hill Farms Inc	Hospers	23	640	18,066	839
Knapp, Kevin G	Larchwood	71	651	18,595	919
Kunde David & Donna	Manchester	191	731	20,768	998
Lyon Jerseys	Toledo	150	681	18,738	1,058
Maxwell John & Edwin	Donahue	198	892	23,513	1,124
Ne Iowa Dairy Foundation	Calmar	43	652	18,540	961
Summit Farm Inc	Lester	213	657	17,962	849
Kansas					
Anyking Dairy	Centralia	78	695	18,812	959
Meier, Tony	Palmer	19	669	17,959	816
Ron & Christy Ratliff, Trustees	Garnett	33	720	19,181	1,056
Kentucky					
Chaney Farms	Bowling Green	13	704	20,228	905
Core Jeff & Alta Mae	Salvisa	60	709	18,451	957
Miller, Leroy	Mayslick	23	732	18,718	1,099
Maine					
Highland Farms	Cornish	260	607	17,611	878
Silver Maple Farms Inc	Albion	129	649	18,107	901
Maryland					
Moser, Pamela H	Middletown	24	648	17,851	1,115
Shenandoah Jerseys	Boonsboro	78	659	18,352	849
St Brigids Farm	Kennedyville	42	648	18,705	869
Massachusetts					
High Lawn Farm	Lee	99	676	18,128	910

Policy for Maximizing Profit with Jerseys

The American Jersey Cattle Association (AJCA) Board of Directors encourages its members to employ the following management practices to improve herd profitability:

Maximize the genetic potential of the herd by

- Making a minimum of 80% of all matings to a group of genotyped young bulls enrolled in progeny test programs.
- Breeding heifers A.I. to proven or selected young bulls that qualify for the AJCA Young Sire Program and/or the Genetic Diversity Program; if natural service for heifers is a management necessity, using bulls that qualify for those programs.
- Maintaining accurate identification and breeding records.
- Participating in AJCA performance and functional type appraisal programs that provide the basis for genetic evaluations.
- Making mating assignments that maximize profit and minimize inbreeding.

Challenge the genetic capacity of the herd by

- Feeding ample quantities of properly balanced rations to milking cows.
- Minimizing involuntary culling so that voluntary culling can be maximized.
- Providing for the special nutritional and management needs of dry cows.
- Having cows in proper body condition.
- Providing special attention to calf raising practices to minimize losses and optimize growth.
- Using new technologies that provide economical advantages in your situation.

Exploit Jersey advantages by

- Using tamper-evident ID and registering calves before they are six (6) month of age.
- Freshening heifers under 24 months of age.
- Becoming involved in milk marketing efforts that gain equitable payment for milk components.
- Becoming involved in cattle marketing efforts that supplement herd income.
- Using your herd and farm to project a positive image for the Jersey breed and the dairy industry.

High Production Herds

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ranks among the best genetic herds in the country, currently #18 with a herd average JPI of +81 on 3,272 cows.

Another dairy known for genetic merit of some of its leading ladies, Faria Brothers Dairies, Dumas, Texas, ranks second for fat among herds with 750 or more cows with a 2018 lactation average of 22,477 lbs. milk, 1,134 lbs. fat and 842 lbs. protein on 890 cows.

In the category for herds with 300-749 cows, Jade Dairy, Hilmar, Calif., ranks second for milk and protein and tops its peers for fat. The 512-cow herd has a 2018 lactation average of 23,232 lbs. milk, 1,159 lbs. fat and 842 lbs. protein. Jade Dairy, the smallest of the three dairies owned by James Ahlem and his family, has ranked among its peers each of the past 12 years.

Another California dairy, Twin Star Dairy of Turlock, ranks third for milk and protein with a 2018 lactation average of 22,124 lbs. milk, 1,097 lbs. fat and 815 lbs. protein on 334 cows.

Crosswind Jerseys, Elkton, S.D., rounds out the category for herds with 300-749 cows ranked third for fat. The 749-cow herd has a 2018 lactation average of 19,290 lbs. milk, 1,108 lbs. fat (5.7%) and 722 lbs. protein (3.7%). Three members of the herd produced records in 2018 that were added to the National Class Leader list. Included in this group is the herd's top fat producer, Crosswind Citation A 6714 {4}-ET, Very Good-80%, with 28,030 lbs. milk, 1,599 lbs. fat, 1,126 lbs. protein and 3,899 lbs. cheese yield (3x milking), a record that ranks for fat, protein and cheese yield among milking yearlings.

In the category for herds with 150-299 cows, Lyon Jerseys, Toledo, Iowa, ranks third with a 2018 lactation average of 20,333 lbs. milk, 1,146 lbs. fat and 738 lbs. protein on 150 cows.

Among herds with 80-149 cows, Brian L. Martin, Kutztown, Pa., ranks third for milk and fat with a 2018 lactation average of 23,015 lbs. milk, 1,118 lbs. fat and 829 lbs. protein on 117 cows. With gains in all measures of production, his Country Lane herd ranks among similar-sized herds for the second consecutive year.

The student-managed dairy at Virginia Polytechnic Institute and State University, Blacksburg, Va., also made gains in all measures of production to move up in the rankings for herds with 40-79 cows. The dairy ranks third for milk among herds with 40-79 cows with a 2018 lactation average of 23,215 lbs. milk, 1,069 lbs. fat and 834 lbs. protein on 40 cows.

In the category for small herds with 10-39 cows, Brian J. Moore, Mount Ulla, N.C.,

State Herd	City	Records	Pounds		
			Protein	Milk	Fat
Kokoski, John	Hadley	128	628	16,019	880
Michigan					
Green, Susan M	Elsie	39	689	18,798	870
Sand Creek Dairy Llc	Hastings	208	750	20,098	980
Thistle Dew Jerseys	Vassar	24	659	16,622	851
Minnesota					
Lehnertz, Travis	Plainview	81	666	18,188	887
Smith Haven Dairy	Hamburg	105	681	18,067	852
Sukalski Stephanie, Joseph & Kenric	Le Roy	22	688	20,058	1,029
Wagner Leonard & Family	Litchfield	378	679	18,069	869
Mississippi					
Mississippi State University	Mississippi State	34	628	16,989	982
Missouri					
Hays State Line Jerseys	Seneca	54	657	17,266	865
Kirchdoerfer, Joe	Cpe Girardeau	104	673	19,430	788
Nevada					
Alves, Isidro	Fallon	23	736	19,412	898
New Hampshire					
Crescent Farm	Walpole	236	642	16,885	868
New York					
Carlson, Cheryl A	Tully	42	674	17,779	941
Colopy, Benjamin P	Perry	79	737	19,732	991
Cook, William J	Aurora	43	614	19,171	912
Country Ayre Farm Llc	Dewittville	41	620	16,929	904
Den Kel Jerseys Llc	Byron	66	726	19,644	1,035
Domino Farms	Accord	80	773	20,162	997
Dutch Hollow Farm	Schodack Landing	696	696	19,402	954
Hawkes, Peter W	Perry	11	636	17,862	840
Herrington Kevin & Annetta	Dansville	24	733	18,583	863
Hoyt W Jason & Lori J	Fort Ann	36	710	18,459	930
Hy-Light Farms Llc	Adams Center	42	725	20,176	1,064
Kimball, Keith R	Groveland	33	663	18,461	970
Lawton, Merle	Newark Valley	80	812	22,013	1,066
Poole Brian J & Tracey A	Oriskany Fls	45	665	18,703	895
Rudgers, Lyman	Attica	119	709	19,228	956
Streeter Renee & Kevin	Cortland	28	642	17,388	901
Terry, Matthew M	Franklin	32	635	16,834	900
Tuttle, Scott O	Windham	47	655	18,669	954
North Carolina					
Bowman Dairy Inc	Julian	53	717	19,898	986
Moore, Brian J	Mount Ulla	34	721	19,701	934
Moye, Neil	Ayden	77	712	19,811	981
North Carolina State University	Raleigh	54	731	19,706	916
Piedmont Jerseys	Lincolnton	229	637	18,429	821
Price Brothers Jerseys	Statesville	153	675	18,869	884
Ohio					
Albright Jerseys Llc	Willard	472	713	19,941	892
Bar Lee Jerseys Llc	Willard	127	724	20,425	972
Bolen Donald H Family	Fremont	78	644	18,083	877
Cantendo Acres-Grazeland Jerseys	Wooster	46	651	17,226	932
Cold Run Jerseys Llc	Salem	212	830	22,654	1,299
Michalovich, Kari	Lakeville	15	691	17,407	969
Myers, Philip H	Louisville	38	704	19,484	922
Nature View Farms Llc	Salem	127	672	18,172	884
Oakhaven Jerseys	Galloway	11	633	17,603	880
Osu Agric Technical Institute	Wooster	51	656	18,045	913
Ringbyre Jerseys Llc	Kingsville	340	674	17,268	885
Shiplee Jersey Farms	Newark	96	709	19,524	929
Silver Creek Dairy Farm, Llc	Forest	88	651	17,689	886
Spring Valley Farm	Millersburg	59	679	17,794	1,021
Steiner, Aaron	Burbank	60	629	16,587	885
Steiner, Matthew	Marshallville	203	731	18,979	945
Vantress Jerseys	Xenia	13	667	18,212	841
Oregon					
B & B Jerseys	Tillamook	251	674	17,984	837
Diamond Valley Dairy	Salem	41	735	21,072	898
Fir-Ridge Jerseys	Scio	32	658	18,052	829
Fletcher Daryl & Roxanne	Tillamook	23	665	17,597	826
Hogan, David L	Tillamook	2,182	662	17,709	861
Legendairy Farms	Beaver	324	647	16,706	893
Martin Dairy Llc	Tillamook	763	632	16,675	867
Rocha Cris & Doris	Tillamook	19	612	17,651	803
Silva, Eric Leonard	Beaver	228	623	16,782	918
Wilsonview Dairy	Tillamook	443	642	18,657	867
Pennsylvania					
Alexander, Roger	Liberty	34	608	16,606	870

State Herd	City	Records	Pounds		
			Protein	Milk	Fat
Brewer Farms	Bangor	19	644	17,713	835
Clark, Ryan D	Tyrone	202	793	20,363	1,018
Derr Matthew L And Alicia C	Linden	64	669	18,576	882
Fischer's Windy Ridge Farm Lp	Fombell	16	624	17,902	813
Gardner Mark & Shannon	Dayton	233	663	17,696	882
Gingerich, Dustin	Shippensburg	62	693	18,684	914
Harpster, Harold	Boalsburg	39	721	18,673	993
Hoover, Martin	Mohnton	63	660	17,563	907
Knepper, Mark D	Hustontown	261	759	20,633	945
Martin, Brian L	Kutztown	117	710	19,707	961
Mount Rock Jerseys Llc	Newville	327	729	19,610	1,017
Pheasant, Dale	Martinsburg	199	769	20,531	996
South-Mont Farm	Canton	89	695	19,416	960
Spruce Row Farm, Inc.	Meadville	237	659	18,193	866
Troutman, Connie	Mohrsville	51	619	16,487	967
Van De Jerseys	Transfer	258	613	16,134	907
Vanderfeltz Jerseys	Lawton	131	774	19,629	928
Vista Grande Farms, Llc	Fleetwood	19	652	17,369	864
Wingert Farms	Alexandria	29	678	18,278	918
South Carolina					
Clemson University/Dairy Farm	Clemson	44	682	18,576	897
Ettinger Amber & Kenley Cameron	Kinards	152	610	16,888	871
Lutz Herby & Amanda	Chester	59	679	19,042	939
South Dakota					
Crosswind Jerseys	Elkton	749	651	17,747	1,001
Oak Lane Jerseys	Alexandria	154	622	16,318	878
Tennessee					
Fritz, John H	Springfield	16	648	18,607	863
Texas					
Avila Richard & Jennifer M	Dalhart	1,933	675	18,116	867
Boer Jerseys	Dalhart	492	680	18,436	905
Faria Brothers Dairies	Dumas	890	755	20,026	1,021
Utah					
Gibsons Green Acres	Ogden	31	606	17,461	880
Westergard Delwyn V/Westergard Jerseys	Ogden	12	600	15,865	876
Vermont					
Lucky Hill Farm	Danville	161	641	17,011	865
Richardson Family Farm	Woodstock	51	664	16,588	914
Virginia					
Huffard Dairy Farms	Crockett	316	755	20,611	981
Virginia Polytechnic Institute & State University	Blacksburg	40	737	20,434	955
Washington					
Anderson Bruce H Or Liz	Onalaska	89	654	17,396	844
Kortus Randy & Jana	Lynden	36	728	20,373	1,125
Vanderhaak Dairy	Lynden	101	639	17,017	972
Vandyk - S Jerseys	Lynden	84	611	16,204	877
Wisconsin					
Allen, David	Reedsburg	94	711	19,511	923
Allen, David	Reedsburg	23	685	18,627	881
Brandl, Craig	Milladore	18	652	16,921	788
Brant Joseph & Debra	Cuba City	22	828	22,924	1,093
Buttles Andy & Lyn	Lancaster	28	623	17,099	984
D & D Jerseys	Newton	73	889	23,625	1,185
Evergreen Dairy	Antigo	203	635	17,225	874
Haase, Opal Owens	Somerset	19	628	16,154	873
Heartwood Farm	Cobb	96	651	17,333	834
Heinz, Lloyd	Shawano	75	712	19,347	969
Hoards Dairyman Farm	Fort Atkinson	131	758	19,812	1,015
Jenks, William H (Jim)	Marathon	547	712	17,973	1,012
Katzman Bros.	Whitewater	183	582	16,695	873
Kessenich Farms Llc	De Forest	323	710	19,358	1,014
Killian Steven & Amanda	Blair	25	680	17,927	973
Kutz Dairy Llc	Jefferson	1,708	642	17,285	914
Kyle, Hayden W	Elkhorn	86	661	18,377	915
Lippert, Matt	Pittsville	22	732	18,879	1,024
Luttrupp, Jason	Berlin	62	662	17,855	840
Orthridge Farms	Lancaster	253	676	17,802	921
Owens Farms Inc	Frederic	650	668	17,304	883
Seyller, William	Fond Du Lac	23	636	18,110	914
Smith, Amanda C	Denmark	12	684	19,283	908
Sulzer Farms, Llc	Marathon	33	753	19,208	1,023
Sunray Dairy Llp	Mindoro	169	727	17,789	910
Thostenson Jake & Colleen	Brodhead	74	666	17,353	916
Traiser, Melissa Ann	Somerset	24	636	17,060	945
Trescher, Annette	Cashton	31	686	18,487	919
Vandell Farms Inc	Sharon	83	627	17,912	851
Wilterdink, Don	Sheboygan Fls	44	586	16,658	908
Woodmohr Jerseys	Bloomer	35	719	19,809	1,141
Wussow Ron & Nicollee	Cecil	63	651	18,662	916
Young, Darryl	Hillsdale	85	628	17,883	850

ranks second for milk and third for protein with a 2018 lactation average of 22,734 lbs. milk, 1,084 lbs. fat and 847 lbs. protein on 34 cows.

The 24-cow herd owned by Kevin and Annetta Herrington, Dansville, N.Y., ranks second for protein with a 2018 lactation average of 21,770 lbs. milk, 1,003 lbs. fat and 856 lbs. protein.

Actual Production Leaders by Herd Size

In the national rankings for actual averages based on herd size, a pair of herds owned by the late Bill Ahlem and his family of Hilmar, Calif., rank among the top three in the category for large herds with 750 or more cows. Ahlem Farms Jerseys ranks second for milk and protein with a 2018 herd average of 20,111 lbs. milk, 882 lbs. fat and 749 lbs. protein on 1,096 cows. Ahlem Farms Vista ranks third for protein with a herd average of 20,005 lbs. milk, 922 lbs. fat and 745 lbs. protein on 2,087 cows. Another California dairy, Rancho Teresita Dairy of Tulare, ranks third for fat among

AJCA Production Averages, 1970-2017

Year	Milk	Fat	Protein	Records
1970	9,914	501		26,560
1980	11,599	559		35,131
1990	14,091	662	524	51,541
2000	17,680	807	650	57,170
2010	18,567	876	671	88,727
2011	18,633	889	676	91,028
2012	18,995	903	691	100,211
2013	19,278	932	702	105,913
2014	19,560	944	713	112,277
2015	19,927	960	727	113,897
2016	20,139	975	737	100,175
2017	20,150	985	743	99,161

large herds with a 2018 herd average of 19,547 lbs. milk, 985 lbs. fat and 744 lbs. protein on 1,478 cows.

In the category for herds with 300-749 cows, Albright Jerseys LLC, Willard, Ohio, ranks third for milk with a 2018 herd average of 19,941 lbs. milk, 892 lbs. fat and 713 lbs. protein on 472 cows. The dairy, which recently began milking the herd with Leli Astronaut A4 robots, was a farm stop on the preconference tour of the World Jersey Cattle Bureau (WJCB) International Conference held in conjunction with the AJCA-NAJ Annual Meetings in 2018.

Kessenich Farms LLC, De Forest, Wis., ties for second in the category with a 2018 herd average of 19,358 lbs. milk, 1,014 lbs. fat (5.2%) and 710 lbs. protein (3.7%) on 323 cows.

Mount Rock Jerseys LLC, Newville, Pa., ranks third for protein with a 2018 herd average of 19,610 lbs. milk, 1,017 lbs. fat and 729 lbs. protein on 327 cows. The

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High Production Herds

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state's largest herd of Registered Jerseys, owned by Dan Mains and his family, ranks #32 in the nation for genetic merit with a herd average JPI of +76.

Among herds with 80-149 cows, Bar Lee Jerseys LLC, Willard, Ohio, ranks second for milk with a 2018 herd average of 20,425 lbs. milk, 972 lbs. fat and 724 lbs. protein on 127 cows. One of the herd's two Excellent-94% cows, BLJ Hiredgun Rose, was also one of 18 to make a record over 25,000 lbs. milk last year. Her totals were 25,300 lbs. milk, 1,318 lbs. fat and 878 lbs. protein (3x milking) as a five-year-old. The herd owned by the Nuhfer family also uses Lely robots and was a farm stop for the WJCB International Conference.

In the category for small herds with 10-39 cows, Chaney Farms, Bowling Green, Ky., ranks third for milk with a 2018 herd average of 20,228 lbs. milk, 905 lbs. fat and 704 lbs. protein on 13 cows.

Sulzer Farms LLC, Marathon, Wis., ranks second for protein. The 33-cow herd has a 2018 herd average of 19,208 lbs. milk, 1,023 lbs. fat and 753 lbs. protein.

Isidro Alves, Fallon, Nev., ranks third for protein with a 2018 herd average of 19,412 lbs. milk, 898 lbs. fat and 736 lbs. protein on his 23-cow herd.

Herds with standardized and actual averages above breed average are also listed by state. Standardized m.e. averages begin on page 28; actual averages begin on page 31.