

**Virginia 4-H Dairy Quiz Bowl Team Study Materials**  
**Section 3 - Dates in Dairy History**

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1611	First cows arrived at Jamestown Colony	1937	First list of sires proved in DHIA testing published by U.S.D.A.
1624	First cows arrived at Plymouth Colony	1937	Federal Agricultural Marketing Act which provides basis for federal milk marketing orders
1810	First dairy cooperative in the United States organized in Goshen, Connecticut	1938	First AI cooperative in United States
1815	First Jersey cattle brought to the United States	1938	First bulk tanks used on farm
1831	First Guernsey cattle brought to the United States	1940	American Dairy Association formed
1851	First commercial cheese factory was established in New York	1940	Purebred Dairy Cattle Association formed
1856	Gail Borden received first patent for condensed milk	1942	National Association of Animal Breeders organized
1856	First commercial butter factory established in New York	1948	Ultra high pasteurization introduced
1857	First successful condensery built by Gail Borden in Burrville, Connecticut	1949	The Dairy Shrine organization was founded
1865	The Morrill Act was enacted creating the land grant college system	1951	Computer first used to calculate DHIA records in Utah
1868	American Jersey Cattle Club founded	1951	First young sire sampling program established in United States
1877	American Guernsey Cattle Club founded	1952	First reported successful embryo transfer in dairy cattle
1878	Dr. Gustaw Delaval invented the centrifugal cream separator	1960	National Mastitis Council founded
1880	Brown Swiss Breeders Association founded	1964	Commercial introduction of plastic milk jug
1884	Milk bottle invented by Dr. Harvey D. Thatcher, Potsdam, New York	1965	National Dairy Herd Improvement Association organized
1885	Hoard's Dairyman magazine was first published	1969	Holstein Friesian Association began registering Red & White and off color animals
1886	Automatic bottle filler and capper patented	1970	American Guernsey Cattle Club began Genetic Recovery Program
1887	The Hatch Act was enacted creating state agricultural experiment stations	1971	Twenty five organizations combined to form Southeast United Dairy Industry Association
1890	Test for fat content in milk and cream developed by Dr. S.M. Babcock	1982	Ultrahigh temperature (UHT) milk first introduced to United States public at World's Fair in Knoxville, TN
1895	Pulsator invented	1983	Ayrshire Breeders' Association initiated Genetic Recovery Program
1905	First cooperative cow testing association organized in Michigan	1985	American Guernsey Cattle Club initiated the Guernsey Genetic Growth program
1905	American Dairy Science Association first organized	1987	American Guernsey Cattle Club became the American Guernsey Association
1905	First National Dairy Show	1989	Animal Model first used for USDA genetic evaluations
1906	First production records reported	1993	Bovine somatotropin approved (first product of biotechnology for animals)
1906	Brown Swiss cattle recognized as an official dairy cattle breed in the United States		
1906	National Dairy Council first organized		
1914	Smith Lever Act signed establishing the Cooperative Extension Service		
1916	National Milk Producers Federation (NMPF) founded		
1922	Capper Volstead Act passed by United States Congress		
1930	Hoard's Dairyman cow judging contest begun		
1932	First plastic coated paper milk cartons introduced commercially		
1935	National Cooperative Sire Proving Program initiated		
1936	First dairy cattle AI organization in Denmark		