

Three-Generation Potential Matings With Resulting Inbreeding Levels

You can use the table below to estimate the minimum level of inbreeding that will result from a potential mating. The top 18 Active and Foreign AI Bulls are listed across the top of the table. The far left-hand column lists the 32 most common sire-maternal grandsire combinations found in Registered Jersey females born since April 1, 2012.

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

Sire Name	MGS Name	11JE1117 MARCIN	29JE3762 VOLCANO	7JE1184 NEWS	29JE3768 DAYBREAK	1JE792 MACHETE	7JE1149 DIMENSION	523JE927 MAGNUM	29JE3761 VISIONARY	200JE9830 DETERMINA TE	11JE1151 BRIER	200JE521 SOPRANO	1JE791 DIVIDEND	29JE3678 BLADE	200JE180 MANTRA	11JE1085 VALUE	1JE803 SCORE	200JE9833 MORALE	97JE109 MUSKET	Average
LAYNE	KILOWATT	13%	8%	8%	8%	6%	5%	4%	8%	12%	12%	4%	13%	5%	13%	7%	7%	6%	10%	8.2%
LAYNE	PAUL	13%	8%	8%	8%	6%	5%	5%	8%	12%	11%	4%	13%	5%	13%	7%	7%	6%	10%	8.3%
MARVEL	PAUL	11%	9%	6%	8%	7%	6%	6%	9%	12%	12%	4%	12%	6%	12%	8%	8%	7%	11%	8.7%
MARVEL	TBONE	12%	9%	7%	8%	7%	6%	5%	9%	12%	12%	5%	12%	6%	12%	9%	8%	8%	12%	8.9%
MARVEL	VOLTAGE	13%	12%	6%	10%	9%	6%	6%	12%	14%	14%	5%	14%	6%	14%	12%	9%	9%	13%	10.1%
PAUL	ABE	7%	7%	7%	6%	6%	5%	5%	7%	6%	6%	5%	7%	4%	8%	6%	6%	5%	5%	6.0%
PAUL	CELEBRITY	8%	5%	9%	6%	5%	5%	6%	5%	6%	6%	5%	7%	5%	7%	11%	6%	5%	4%	6.3%
PAUL	KILOWATT	7%	5%	9%	6%	5%	4%	6%	5%	6%	6%	4%	7%	5%	7%	6%	6%	5%	4%	5.7%
PAUL	SPARKY	8%	6%	9%	7%	5%	5%	6%	6%	6%	6%	4%	7%	4%	7%	7%	6%	5%	5%	6.1%
PERFORM	CARRIER	7%	11%	7%	7%	6%	6%	6%	11%	7%	7%	6%	7%	5%	7%	8%	7%	7%	6%	7.0%
PERFORM	KILOWATT	7%	11%	7%	7%	6%	6%	6%	11%	7%	7%	6%	7%	6%	7%	8%	7%	6%	6%	7.0%
PERFORM	PAUL	7%	11%	7%	7%	6%	6%	6%	11%	7%	7%	6%	7%	5%	7%	8%	7%	7%	6%	7.1%
PLUS	ACTION	6%	6%	6%	6%	5%	5%	5%	6%	6%	6%	3%	6%	4%	9%	6%	6%	6%	5%	5.7%
PLUS	HEADLINE	6%	6%	12%	7%	5%	5%	5%	6%	6%	6%	4%	7%	4%	7%	6%	6%	6%	5%	6.0%
PLUS	LEGAL	5%	11%	5%	7%	6%	6%	5%	11%	7%	7%	4%	6%	5%	6%	6%	6%	7%	6%	6.5%
PLUS	Q IMPULS	4%	8%	4%	8%	7%	7%	6%	8%	8%	7%	5%	6%	6%	4%	7%	7%	8%	7%	6.4%
PLUS	TBONE	7%	6%	7%	6%	5%	5%	4%	6%	6%	6%	5%	6%	4%	6%	7%	6%	6%	5%	5.7%
PREMIER	ACTION	6%	8%	6%	7%	7%	7%	7%	8%	7%	7%	6%	6%	7%	8%	9%	7%	7%	7%	7.0%
REGAL	PERFORM	13%	11%	7%	8%	7%	6%	5%	11%	12%	12%	5%	12%	5%	12%	9%	8%	7%	11%	9.0%
SIAS A467	TBONE	8%	6%	9%	6%	5%	5%	4%	6%	6%	6%	6%	6%	5%	7%	9%	6%	5%	5%	6.0%
TBONE	ACTION	8%	6%	9%	6%	5%	5%	5%	6%	6%	6%	6%	6%	5%	10%	9%	6%	5%	5%	6.4%
TOPEKA	ACTION	7%	6%	8%	5%	5%	5%	6%	6%	5%	5%	5%	6%	5%	10%	7%	6%	5%	5%	5.9%
TOPEKA	ECLIPES-P	7%	6%	7%	5%	5%	5%	5%	6%	5%	5%	5%	6%	4%	8%	7%	5%	5%	5%	5.6%
TOPEKA	VALENTINO	13%	8%	7%	7%	6%	5%	5%	8%	11%	11%	5%	12%	5%	13%	8%	7%	6%	11%	8.2%
VALENTINO	ACTION	18%	11%	7%	9%	8%	5%	5%	11%	17%	17%	4%	18%	5%	22%	9%	9%	8%	16%	11.1%
VALENTINO	HEADLINE	18%	11%	13%	10%	8%	5%	5%	11%	18%	18%	4%	19%	5%	19%	9%	9%	8%	16%	11.4%
VALENTINO	LEGAL	17%	17%	6%	10%	9%	6%	5%	17%	18%	18%	5%	18%	6%	18%	9%	9%	9%	17%	11.9%
VALENTINO	Q IMPULS	16%	13%	5%	11%	10%	7%	6%	13%	19%	19%	5%	18%	7%	17%	10%	10%	10%	18%	11.8%
VALENTINO	TBONE	19%	11%	8%	9%	8%	5%	4%	11%	17%	17%	5%	18%	5%	19%	10%	8%	8%	16%	11.1%
VERNON	GANNON-PR	9%	11%	6%	8%	8%	7%	4%	11%	8%	7%	5%	8%	4%	9%	9%	7%	7%	8%	7.6%
VOLTAGE	ACADEMY	10%	11%	9%	9%	8%	6%	5%	11%	9%	9%	5%	10%	5%	11%	14%	9%	8%	7%	8.6%
VOLTAGE	KILOWATT	10%	11%	8%	9%	8%	5%	5%	11%	9%	9%	5%	10%	6%	10%	14%	9%	8%	7%	8.6%
	Average	10.0%	8.9%	7.5%	7.5%	6.5%	5.5%	5.3%	8.9%	9.6%	9.5%	4.8%	9.9%	5.1%	10.6%	8.5%	7.2%	6.7%	8.6%	7.8%