

## 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 August 1, 2011.

*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	7JE1149 DIMENSION	29JE3768 DAYBREAK	29JE3762 VOLCANO	11JE1117 MARCIN	523JE927 MAGNUM	7JE1184 NEWS	29JE3761 VISIONARY	7JE1173 PRESCOTT	1JE792 MACHETE	535JE2 PR-RAWLS	11JE1085 VALUE	1JE791 DIVIDEND	200JE9830 DETERMINA TE	11JE1110 KWYNN	535JE1 LEVY	200JE183 DAVID	29JE3759 DOMINOS	14JE600 DECOY	Average
BELVEDERE	ACTION	5%	6%	6%	7%	5%	9%	6%	6%	5%	5%	6%	7%	6%	6%	6%	6%	5%	7%	6.0%
ECLIPES-P	IATOLA	5%	6%	7%	7%	4%	7%	7%	8%	5%	5%	6%	7%	6%	9%	6%	6%	5%	7%	6.2%
ECLIPES-P	IMPULS	6%	7%	7%	4%	7%	5%	7%	5%	7%	3%	7%	5%	7%	7%	4%	7%	6%	5%	6.0%
ECLIPES-P	TBONE	5%	5%	6%	7%	5%	8%	6%	5%	5%	4%	7%	6%	5%	5%	6%	5%	5%	6%	5.6%
IMPULS	ACTION	9%	9%	9%	3%	9%	3%	9%	6%	9%	2%	9%	6%	9%	9%	3%	9%	9%	6%	7.0%
IMPULS	TBONE	9%	9%	9%	3%	9%	3%	9%	6%	9%	2%	10%	6%	9%	8%	3%	9%	9%	6%	7.1%
KILOWATT	CELEBRITY	4%	6%	5%	8%	5%	9%	5%	6%	5%	5%	11%	7%	6%	5%	5%	6%	4%	7%	6.1%
MARVEL	TBONE	6%	8%	9%	12%	5%	7%	9%	6%	7%	9%	9%	12%	12%	8%	11%	12%	6%	12%	9.0%
PAUL	ABE	5%	6%	7%	7%	5%	7%	7%	5%	6%	5%	6%	7%	6%	5%	6%	6%	5%	7%	5.9%
PAUL	CELEBRITY	5%	6%	5%	8%	6%	9%	5%	6%	5%	5%	11%	7%	6%	5%	5%	6%	5%	7%	6.3%
PAUL	KILOWATT	4%	6%	5%	7%	6%	9%	5%	6%	5%	5%	6%	7%	6%	5%	5%	6%	4%	7%	5.8%
PAUL	SPARKY	5%	7%	6%	8%	6%	9%	6%	8%	5%	5%	7%	7%	6%	7%	6%	6%	5%	7%	6.4%
PERFORM	PAUL	6%	7%	11%	7%	6%	7%	11%	6%	6%	4%	8%	7%	7%	7%	5%	7%	6%	7%	7.0%
PLUS	ACTION	5%	6%	6%	6%	5%	6%	6%	16%	5%	4%	6%	6%	6%	8%	5%	6%	5%	6%	6.4%
PLUS	GANNON-PR	4%	6%	5%	7%	4%	6%	5%	16%	4%	4%	6%	6%	6%	8%	5%	6%	4%	6%	6.0%
PLUS	HEADLINE	5%	7%	6%	6%	5%	12%	6%	17%	5%	4%	6%	7%	6%	8%	5%	6%	5%	7%	6.8%
PLUS	IMPULS	7%	8%	8%	4%	6%	4%	8%	17%	7%	3%	7%	6%	8%	10%	4%	8%	7%	6%	6.9%
PLUS	LEGAL	6%	7%	11%	5%	5%	5%	11%	17%	6%	4%	6%	6%	7%	9%	5%	7%	6%	6%	7.2%
PLUS	TBONE	5%	6%	6%	7%	4%	7%	6%	17%	5%	4%	7%	6%	6%	8%	5%	6%	5%	6%	6.5%
PREMIER	ACTION	7%	7%	8%	6%	7%	6%	8%	6%	7%	4%	9%	6%	7%	7%	4%	7%	7%	6%	6.6%
RENEGADE	ACTION	15%	5%	6%	6%	5%	7%	6%	4%	6%	5%	5%	5%	5%	6%	8%	5%	15%	5%	6.6%
SIAS A467	TBONE	5%	6%	6%	8%	4%	9%	6%	6%	5%	4%	9%	6%	6%	6%	6%	6%	5%	6%	6.1%
TBONE	ACTION	5%	6%	6%	8%	5%	9%	6%	6%	5%	5%	9%	6%	6%	6%	6%	6%	5%	6%	6.2%
TOPEKA	ACTION	5%	5%	6%	7%	6%	8%	6%	5%	5%	5%	7%	6%	5%	5%	6%	5%	5%	6%	5.8%
TOPEKA	VALENTINO	5%	7%	8%	13%	5%	7%	8%	6%	6%	11%	8%	12%	11%	7%	11%	11%	5%	12%	8.6%
VALENTINO	ACTION	5%	9%	11%	18%	5%	7%	11%	6%	8%	16%	9%	18%	17%	9%	17%	17%	5%	18%	11.6%
VALENTINO	IMPULS	7%	11%	13%	16%	6%	5%	13%	6%	10%	15%	10%	18%	19%	10%	16%	19%	7%	18%	12.1%
VALENTINO	LEGAL	6%	10%	17%	17%	5%	6%	17%	6%	9%	15%	9%	18%	18%	10%	17%	18%	6%	18%	12.3%
VALENTINO	TBONE	5%	9%	11%	19%	4%	8%	11%	6%	8%	16%	10%	18%	17%	9%	17%	17%	5%	18%	11.7%
VERNON	GANNON-PR	7%	8%	11%	9%	4%	6%	11%	5%	8%	7%	9%	8%	8%	8%	10%	8%	7%	8%	7.8%
VOLTAGE	ACADEMY	6%	9%	11%	10%	5%	9%	11%	6%	8%	7%	14%	10%	9%	9%	9%	9%	6%	10%	8.8%
VOLTAGE	KILOWATT	5%	9%	11%	10%	5%	8%	11%	6%	8%	8%	14%	10%	9%	9%	9%	9%	5%	10%	8.7%
	<b>Average</b>	<b>5.9%</b>	<b>7.2%</b>	<b>8.1%</b>	<b>8.4%</b>	<b>5.4%</b>	<b>7.1%</b>	<b>8.1%</b>	<b>7.9%</b>	<b>6.4%</b>	<b>6.3%</b>	<b>8.2%</b>	<b>8.4%</b>	<b>8.3%</b>	<b>7.4%</b>	<b>7.4%</b>	<b>8.3%</b>	<b>5.9%</b>	<b>8.4%</b>	<b>7.4%</b>