

## 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, 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	29JE3768 DAYBREAK	29JE3762 VOLCANO	7JE1149 DIMENSION	29JE3761 VISIONARY	523JE927 MAGNUM	1JE791 DIVIDEND	14JE600 DECOY	535JE1 LEVY	200JE9830 DETERMINA TE	200JE183 DAVID	7JE1150 DIGNITARY	11JE1085 VALUE	1JE792 MACHETE	7JE1184 NEWS	7JE1173 PRESCOTT	7JE1151 GALVANIZE	7JE1163 IRWIN	7JE1190 FASTRACK	Average
ECLIPES-P	IATOLA	6%	7%	5%	7%	4%	7%	7%	6%	6%	6%	5%	6%	5%	7%	8%	7%	10%	7%	6.4%
ECLIPES-P	IMPULS	7%	7%	6%	7%	7%	5%	5%	4%	7%	7%	6%	7%	7%	5%	5%	4%	5%	5%	6.0%
ECLIPES-P	JACINTO	5%	7%	5%	7%	5%	6%	6%	6%	5%	5%	5%	6%	6%	7%	5%	6%	7%	8%	5.9%
ECLIPES-P	TBONE	5%	6%	5%	6%	5%	6%	6%	6%	5%	5%	5%	7%	5%	8%	5%	7%	7%	7%	5.8%
HEADLINE	IATOLA	8%	7%	5%	7%	5%	8%	8%	6%	7%	7%	5%	7%	6%	18%	8%	8%	11%	7%	7.7%
HEADLINE	TBONE	7%	6%	5%	6%	5%	8%	8%	6%	6%	6%	5%	8%	6%	19%	6%	8%	8%	7%	7.1%
IMPULS	ACTION	9%	9%	9%	9%	9%	6%	6%	3%	9%	9%	9%	9%	9%	3%	6%	3%	3%	4%	6.8%
IMPULS	TBONE	9%	9%	9%	9%	9%	6%	6%	3%	9%	9%	9%	10%	9%	3%	6%	3%	2%	3%	6.8%
KILOWATT	CELEBRITY	6%	5%	4%	5%	5%	7%	7%	5%	6%	6%	4%	11%	5%	9%	6%	8%	7%	5%	6.3%
LEGAL	ACTION	7%	17%	7%	17%	7%	6%	6%	5%	7%	7%	7%	7%	8%	5%	6%	5%	5%	6%	7.6%
LEGAL	IATOLA	8%	17%	8%	17%	6%	7%	7%	5%	8%	8%	8%	8%	8%	4%	8%	5%	8%	5%	8.2%
MARVEL	TBONE	8%	9%	6%	9%	5%	12%	12%	11%	12%	12%	6%	9%	7%	7%	6%	12%	12%	6%	9.0%
PAUL	ABE	6%	7%	5%	7%	5%	7%	7%	6%	6%	6%	5%	6%	6%	7%	5%	7%	7%	6%	6.1%
PAUL	CELEBRITY	6%	5%	5%	5%	6%	7%	7%	5%	6%	6%	5%	11%	5%	9%	6%	8%	8%	6%	6.5%
PAUL	KILOWATT	6%	5%	4%	5%	6%	7%	7%	5%	6%	6%	4%	6%	5%	9%	6%	8%	8%	6%	6.0%
PAUL	SPARKY	7%	6%	5%	6%	6%	7%	7%	6%	6%	6%	5%	7%	5%	9%	8%	8%	9%	6%	6.5%
PLUS	ACTION	6%	6%	5%	6%	5%	6%	6%	5%	6%	6%	5%	6%	5%	6%	16%	6%	9%	6%	6.6%
PLUS	GANNON-PR	6%	5%	4%	5%	4%	6%	6%	5%	6%	6%	4%	6%	4%	6%	16%	6%	8%	4%	6.0%
PLUS	HEADLINE	7%	6%	5%	6%	5%	7%	7%	5%	6%	6%	5%	6%	5%	12%	17%	6%	9%	5%	6.9%
PLUS	IMPULS	8%	8%	7%	8%	6%	6%	6%	4%	8%	8%	7%	7%	7%	4%	17%	4%	7%	3%	6.8%
PLUS	TBONE	6%	6%	5%	6%	4%	6%	6%	5%	6%	6%	5%	7%	5%	7%	17%	7%	9%	5%	6.6%
PRAETORIAN	TBONE	6%	6%	5%	6%	5%	6%	6%	6%	6%	6%	5%	7%	5%	9%	6%	7%	7%	9%	6.3%
PREMIER	ACTION	7%	8%	7%	8%	7%	6%	6%	4%	7%	7%	7%	9%	7%	6%	6%	6%	5%	6%	6.6%
RENEGADE	ACTION	5%	6%	15%	6%	5%	5%	5%	8%	5%	5%	15%	5%	6%	7%	4%	6%	6%	18%	7.3%
SIAS A467	TBONE	6%	6%	5%	6%	4%	6%	6%	6%	6%	6%	5%	9%	5%	9%	6%	8%	7%	6%	6.2%
TBONE	ACTION	6%	6%	5%	6%	5%	6%	6%	6%	6%	6%	5%	9%	5%	9%	6%	8%	7%	7%	6.4%
TOPEKA	VALENTINO	7%	8%	5%	8%	5%	12%	12%	11%	11%	11%	5%	8%	6%	7%	6%	13%	12%	6%	8.6%
VALENTINO	ACTION	9%	11%	5%	11%	5%	18%	18%	17%	17%	17%	5%	9%	8%	7%	6%	19%	19%	7%	11.7%
VALENTINO	IMPULS	11%	13%	7%	13%	6%	18%	18%	16%	19%	19%	7%	10%	10%	5%	6%	16%	17%	5%	11.9%
VALENTINO	TBONE	9%	11%	5%	11%	4%	18%	18%	17%	17%	17%	5%	10%	8%	8%	6%	19%	19%	6%	11.7%
VOLTAGE	ACADEMY	9%	11%	6%	11%	5%	10%	10%	9%	9%	9%	6%	14%	8%	9%	6%	10%	11%	8%	8.9%
VOLTAGE	KILOWATT	9%	11%	5%	11%	5%	10%	10%	9%	9%	9%	5%	14%	8%	8%	6%	11%	11%	6%	8.8%
<b>Average</b>		<b>7.1%</b>	<b>8.0%</b>	<b>5.9%</b>	<b>8.0%</b>	<b>5.5%</b>	<b>8.1%</b>	<b>8.1%</b>	<b>6.9%</b>	<b>8.0%</b>	<b>8.0%</b>	<b>5.9%</b>	<b>8.2%</b>	<b>6.4%</b>	<b>7.8%</b>	<b>7.7%</b>	<b>8.1%</b>	<b>8.8%</b>	<b>6.3%</b>	<b>7.4%</b>