

## 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, 2014.

*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	11JE1179 VICEROY	29JE3866 JX-HARRIS {4}	7JE5004 CHROME	11JE1211 IVORY	203JE1366 SOLEIL	14JE670 LEMONHEA D	29JE3936 VIPER	147JE6224 DAKARAI	236JE177 VJ HORN	236JE166 HJORT	200JE1007 MACKENZIE	29JE3860 PILGRIM	147JE6213 FIT	29JE3867 CHILI	29JE3830 DAZZLER	29JE3768 DAYBREAK	7JE1331 VARICK	14JE666 METHOD	Average
CALYPSO	VALENTINO	9%	8%	7%	10%	7%	10%	8%	4%	2%	2%	7%	7%	8%	8%	6%	8%	6%	10%	7.1%
COLTON	TEQUILA	4%	5%	5%	5%	5%	5%	4%	3%	1%	1%	4%	4%	5%	4%	4%	5%	5%	5%	4.1%
JX-GOLDA{3}	VALENTINO	6%	9%	7%	9%	6%	10%	6%	4%	1%	2%	7%	5%	9%	7%	6%	7%	6%	10%	6.5%
JX-HARRIS{4}	PLUS{5}	8%	28%	8%	8%	6%	7%	11%	4%	2%	2%	7%	6%	7%	9%	6%	8%	6%	9%	7.9%
LAYNE	CRITIC-P	8%	9%	13%	19%	6%	10%	8%	4%	2%	2%	8%	6%	7%	8%	6%	8%	7%	11%	7.9%
LAYNE	KILOWATT	6%	7%	7%	18%	5%	10%	6%	4%	1%	1%	7%	6%	7%	6%	5%	8%	7%	10%	6.8%
LAYNE	PAUL	7%	8%	7%	18%	6%	10%	6%	4%	1%	2%	8%	6%	7%	7%	5%	8%	7%	10%	7.0%
LAYNE	PERFORM	7%	9%	9%	19%	6%	10%	8%	4%	2%	2%	8%	6%	7%	8%	7%	8%	7%	11%	7.7%
LAYNE	VOLTAGE	8%	9%	9%	20%	6%	11%	8%	5%	1%	2%	9%	6%	7%	8%	6%	9%	7%	12%	8.0%
MACKENZIE	DAVID	10%	8%	7%	11%	6%	8%	9%	6%	3%	3%	29%	7%	8%	9%	8%	11%	7%	10%	9.0%
MALACHI	MARVEL	9%	8%	8%	9%	7%	8%	8%	5%	3%	3%	8%	8%	8%	8%	7%	8%	6%	9%	7.2%
MARVEL	KILOWATT	8%	7%	7%	10%	7%	9%	8%	4%	3%	3%	7%	6%	6%	7%	7%	8%	6%	10%	6.7%
MARVEL	PAUL	8%	8%	7%	11%	7%	9%	8%	4%	3%	3%	7%	6%	7%	7%	7%	8%	6%	10%	6.9%
MARVEL	PERFORM	9%	9%	8%	11%	7%	8%	10%	4%	4%	3%	7%	6%	7%	8%	8%	9%	6%	11%	7.6%
MARVEL	VOLTAGE	10%	9%	9%	13%	7%	10%	9%	5%	3%	3%	9%	6%	7%	9%	7%	10%	6%	12%	7.9%
PERFORM	KILOWATT	7%	9%	10%	7%	7%	7%	9%	4%	3%	3%	7%	6%	7%	8%	8%	7%	6%	8%	6.7%
PERFORM	MARVEL	8%	10%	10%	9%	8%	7%	11%	5%	4%	4%	7%	6%	7%	9%	8%	8%	6%	11%	7.6%
PERFORM	PAUL	7%	9%	10%	7%	7%	7%	9%	4%	3%	3%	7%	6%	7%	8%	8%	7%	6%	8%	6.9%
PERFORM	VOLTAGE	9%	11%	11%	9%	7%	7%	10%	5%	3%	3%	8%	6%	8%	10%	8%	9%	6%	11%	7.9%
REGAL	CRITIC-P	8%	9%	13%	10%	6%	10%	9%	5%	2%	3%	8%	6%	8%	9%	6%	8%	6%	11%	7.6%
REGAL	PERFORM	7%	9%	9%	10%	6%	10%	8%	5%	2%	3%	8%	6%	8%	9%	7%	8%	6%	11%	7.4%
RUFUS	LAYNE	7%	8%	8%	12%	6%	8%	8%	4%	2%	3%	8%	6%	7%	8%	6%	7%	6%	9%	6.9%
RUFUS	MARVEL	7%	8%	8%	8%	7%	7%	8%	4%	3%	3%	8%	6%	7%	8%	7%	7%	6%	9%	6.8%
TOPEKA	ECLIPES-P	5%	6%	7%	5%	6%	7%	5%	4%	2%	2%	8%	6%	7%	6%	5%	5%	6%	6%	5.4%
TOPEKA	VALENTINO	6%	8%	7%	9%	6%	10%	6%	5%	2%	2%	10%	6%	7%	7%	6%	7%	6%	10%	6.6%
VALENTINO	ACTION	8%	9%	7%	14%	7%	12%	8%	5%	1%	2%	8%	6%	7%	9%	5%	9%	6%	14%	7.7%
VALENTINO	ECLIPES-P	8%	9%	7%	14%	6%	12%	8%	5%	1%	2%	8%	6%	7%	9%	5%	9%	6%	14%	7.5%
VALENTINO	Q IMPULS	11%	9%	7%	15%	7%	11%	11%	5%	5%	4%	8%	6%	7%	9%	8%	11%	6%	15%	8.5%
VALENTINO	TBONE	8%	10%	8%	14%	6%	13%	8%	5%	2%	2%	9%	6%	10%	9%	6%	9%	6%	14%	8.1%
VICEROY	LAYNE	30%	9%	7%	18%	7%	8%	10%	5%	4%	3%	8%	7%	12%	8%	9%	12%	8%	11%	9.8%
VICEROY	MARVEL	31%	9%	7%	15%	8%	7%	11%	5%	5%	4%	8%	7%	12%	8%	10%	12%	7%	11%	9.8%
VICEROY	PERFORM	31%	9%	9%	13%	8%	6%	11%	5%	5%	4%	8%	8%	12%	9%	10%	12%	7%	10%	9.8%
	<b>Average</b>	<b>9.8%</b>	<b>9.1%</b>	<b>8.2%</b>	<b>11.9%</b>	<b>6.5%</b>	<b>8.9%</b>	<b>8.3%</b>	<b>4.5%</b>	<b>2.5%</b>	<b>2.6%</b>	<b>8.4%</b>	<b>6.2%</b>	<b>7.7%</b>	<b>8.0%</b>	<b>6.8%</b>	<b>8.4%</b>	<b>6.3%</b>	<b>10.4%</b>	<b>7.5%</b>