

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 December 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	29JE3866 JX-HARRIS {4}	11JE1179 VICEROY	7JE1274 AXIS	29JE3867 CHILI	14JE606 PRINCE	11JE1117 MARCIN	29JE3768 DAYBREAK	14JE645 HUELL{4}	29JE3860 PILGRIM	29JE3886 PROTECTOR	29JE3761 VISIONARY	7JE1149 DIMENSION	29JE3762 VOLCANO	29JE3884 MERICA	7JE1184 NEWS	7JE1331 VARICK	29JE3858 VIGILANCE	523JE927 MAGNUM	Average
CALYPSO	VALENTINO	8%	9%	13%	8%	7%	12%	8%	2%	7%	6%	9%	5%	9%	4%	9%	6%	10%	5%	7.7%
LAYNE	KILOWATT	7%	6%	13%	6%	6%	13%	8%	2%	6%	6%	8%	5%	8%	3%	8%	7%	7%	4%	6.9%
LAYNE	PAUL	8%	7%	13%	7%	6%	13%	8%	2%	6%	6%	8%	5%	8%	3%	8%	7%	7%	5%	7.1%
LAYNE	PERFORM	9%	7%	13%	8%	8%	13%	8%	3%	6%	7%	11%	6%	11%	5%	7%	7%	9%	5%	7.9%
MARVEL	PAUL	8%	8%	12%	7%	8%	11%	8%	2%	6%	6%	9%	6%	9%	5%	6%	6%	8%	6%	7.4%
MARVEL	PERFORM	9%	9%	11%	8%	10%	11%	9%	3%	6%	7%	12%	7%	12%	7%	6%	6%	10%	6%	8.2%
MARVEL	TBONE	8%	8%	12%	7%	8%	12%	8%	3%	6%	6%	9%	6%	9%	6%	7%	6%	8%	5%	7.5%
MARVEL	VOLTAGE	9%	10%	13%	9%	9%	13%	10%	2%	6%	6%	12%	6%	12%	6%	6%	6%	9%	6%	8.4%
PAUL	ABE{6}	7%	5%	8%	6%	5%	7%	6%	3%	7%	6%	7%	5%	7%	4%	7%	5%	6%	5%	5.9%
PAUL	CELEBRITY	7%	5%	8%	5%	5%	8%	6%	2%	6%	6%	5%	5%	5%	3%	9%	6%	6%	6%	5.8%
PAUL	KILOWATT	6%	5%	8%	5%	5%	7%	6%	2%	6%	6%	5%	4%	5%	3%	9%	6%	6%	6%	5.5%
PAUL	SPARKY	7%	6%	8%	6%	5%	8%	7%	2%	6%	6%	6%	5%	6%	3%	9%	6%	6%	6%	5.9%
PERFORM	ACADEMY	9%	7%	7%	8%	9%	7%	7%	3%	6%	7%	11%	6%	11%	6%	7%	9%	9%	6%	7.5%
PERFORM	CARRIER	9%	7%	7%	8%	9%	7%	7%	3%	6%	7%	11%	6%	11%	6%	7%	7%	9%	6%	7.4%
PERFORM	KILOWATT	9%	7%	7%	8%	9%	7%	7%	3%	6%	7%	11%	6%	11%	6%	7%	6%	9%	6%	7.2%
PERFORM	MARVEL	10%	8%	9%	9%	11%	9%	8%	3%	6%	7%	13%	7%	13%	7%	6%	6%	10%	6%	8.2%
PERFORM	PAUL	9%	7%	7%	8%	9%	7%	7%	3%	6%	8%	11%	6%	11%	6%	7%	6%	9%	6%	7.4%
PLUS{5}	ACTION	6%	6%	8%	7%	5%	6%	6%	2%	5%	5%	6%	5%	6%	3%	6%	6%	6%	5%	5.5%
PLUS{5}	HEADLINE	6%	8%	7%	6%	5%	6%	7%	2%	8%	5%	6%	5%	6%	3%	12%	6%	6%	5%	6.1%
PLUS{5}	LEGAL	8%	7%	5%	9%	9%	5%	7%	2%	5%	6%	11%	6%	11%	6%	5%	5%	9%	5%	6.8%
PLUS{5}	TBONE	6%	5%	6%	7%	5%	7%	6%	2%	5%	5%	6%	5%	6%	4%	7%	5%	6%	4%	5.6%
REGAL	PERFORM	9%	7%	12%	9%	8%	13%	8%	3%	6%	7%	11%	6%	11%	5%	7%	6%	9%	5%	8.0%
SIAS A467	TBONE	8%	5%	7%	6%	5%	8%	6%	3%	6%	6%	6%	5%	6%	4%	9%	6%	6%	4%	5.8%
TBONE	ACTION	8%	5%	8%	6%	6%	8%	6%	4%	6%	6%	6%	5%	6%	4%	9%	6%	6%	5%	6.2%
TOPEKA	ACTION	7%	5%	8%	6%	5%	7%	5%	3%	6%	6%	6%	5%	6%	4%	8%	6%	6%	6%	5.8%
TOPEKA	ECLIPES-P	6%	5%	7%	6%	5%	7%	5%	4%	6%	5%	6%	5%	6%	4%	7%	6%	6%	5%	5.5%
TOPEKA	VALENTINO	8%	6%	12%	7%	6%	13%	7%	3%	6%	6%	8%	5%	8%	4%	7%	6%	7%	5%	7.0%
VALENTINO	ACTION	9%	8%	20%	9%	8%	18%	9%	2%	6%	6%	11%	5%	11%	3%	7%	6%	9%	5%	8.6%
VALENTINO	TBONE	10%	8%	19%	9%	8%	19%	9%	3%	6%	6%	11%	5%	11%	4%	8%	6%	9%	4%	8.6%
VERNON	JX-GANNON	9%	7%	8%	11%	7%	9%	8%	6%	6%	6%	11%	7%	11%	6%	6%	6%	8%	4%	7.7%
VOLTAGE	ACADEMY	10%	8%	11%	9%	8%	10%	9%	3%	6%	6%	11%	6%	11%	4%	9%	9%	9%	5%	7.9%
VOLTAGE	KILOWATT	10%	8%	11%	8%	8%	10%	9%	2%	6%	6%	11%	5%	11%	4%	8%	6%	9%	5%	7.6%
Average		8.1%	6.8%	9.9%	7.4%	7.1%	9.7%	7.3%	2.7%	6.0%	6.2%	8.9%	5.5%	8.9%	4.5%	7.5%	6.2%	7.8%	5.2%	7.0%