

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, 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 HARRIS{4}	11JE1117 MARCIN	7JE1184 NEWS	29JE3762 VOLCANO	29JE3858 VIGILANCE	29JE3867 CHILI	11JE1179 VICEROY	200JE521 SOPRANO{4}	11JE1151 BRIER	200JE910 CLEARVISION	7JE1149 DIMENSION	29JE3768 DAYBREAK	29JE3761 VISIONARY	29JE3884 MERICA	7JE1274 AXIS	523JE927 MAGNUM	1JE826 DAZZLER	200JE9830 DETERMINATE	Average
LAYNE	KILOWATT	7%	13%	8%	8%	7%	6%	6%	4%	12%	7%	5%	8%	8%	3%	13%	4%	13%	12%	8.0%
LAYNE	PAUL	8%	13%	8%	8%	7%	7%	7%	4%	11%	7%	5%	8%	8%	3%	13%	5%	13%	12%	8.2%
LAYNE	PERFORM	9%	13%	7%	11%	9%	8%	7%	5%	12%	9%	6%	8%	11%	5%	13%	5%	13%	12%	9.0%
MARVEL	PAUL	8%	11%	6%	9%	8%	7%	8%	4%	12%	8%	6%	8%	9%	5%	12%	6%	12%	12%	8.5%
MARVEL	TBONE	8%	12%	7%	9%	8%	7%	8%	5%	12%	8%	6%	8%	9%	6%	12%	5%	12%	12%	8.7%
MARVEL	VOLTAGE	9%	13%	6%	12%	9%	9%	10%	5%	14%	9%	6%	10%	12%	6%	13%	6%	14%	14%	9.8%
PAUL	ABE	7%	7%	7%	7%	6%	6%	5%	5%	6%	6%	5%	6%	7%	4%	8%	5%	7%	6%	6.0%
PAUL	CELEBRITY	7%	8%	9%	5%	6%	5%	5%	5%	6%	6%	5%	6%	5%	3%	8%	6%	7%	6%	6.1%
PAUL	KILOWATT	6%	7%	9%	5%	6%	5%	5%	4%	6%	6%	4%	6%	5%	3%	8%	6%	7%	6%	5.8%
PAUL	SPARKY	7%	8%	9%	6%	6%	6%	6%	4%	6%	6%	5%	7%	6%	3%	8%	6%	7%	6%	6.2%
PERFORM	CARRIER	9%	7%	7%	11%	9%	8%	7%	6%	7%	9%	6%	7%	11%	6%	7%	6%	7%	7%	7.5%
PERFORM	KILOWATT	9%	7%	7%	11%	9%	8%	7%	6%	7%	9%	6%	7%	11%	6%	7%	6%	7%	7%	7.4%
PERFORM	MARVEL	10%	9%	6%	13%	10%	9%	8%	6%	10%	10%	7%	8%	13%	7%	9%	6%	9%	10%	8.9%
PERFORM	PAUL	9%	7%	7%	11%	9%	8%	7%	6%	7%	9%	6%	7%	11%	6%	7%	6%	7%	7%	7.6%
PLUS-	ACTION	6%	6%	6%	6%	6%	7%	6%	3%	6%	6%	5%	6%	6%	3%	8%	5%	6%	6%	5.8%
PLUS-	HEADLINE	6%	6%	12%	6%	6%	6%	8%	4%	6%	6%	5%	7%	6%	3%	7%	5%	7%	6%	6.3%
PLUS-	LEGAL	8%	5%	5%	11%	9%	9%	7%	4%	7%	9%	6%	7%	11%	6%	5%	5%	6%	7%	7.1%
PLUS-	TBONE	6%	7%	7%	6%	6%	7%	5%	5%	6%	6%	5%	6%	6%	4%	6%	4%	6%	6%	5.8%
REGAL	PERFORM	9%	13%	7%	11%	9%	9%	7%	5%	12%	9%	6%	8%	11%	5%	12%	5%	12%	12%	9.1%
SIAS A467	TBONE	8%	8%	9%	6%	6%	6%	5%	6%	6%	6%	5%	6%	6%	4%	7%	4%	6%	6%	6.1%
TBONE	ACTION	8%	8%	9%	6%	6%	6%	5%	6%	6%	6%	5%	6%	6%	4%	8%	5%	6%	6%	6.4%
TOPEKA	ACTION	7%	7%	8%	6%	6%	6%	5%	5%	5%	6%	5%	5%	6%	4%	8%	6%	6%	5%	5.9%
TOPEKA	ECLIPES-P	6%	7%	7%	6%	6%	6%	5%	5%	5%	6%	5%	5%	6%	4%	7%	5%	6%	5%	5.6%
TOPEKA	Q IMPULS	6%	5%	5%	7%	7%	6%	8%	6%	7%	7%	7%	7%	7%	9%	4%	7%	6%	7%	6.6%
TOPEKA	TBONE	7%	8%	8%	6%	6%	6%	5%	6%	5%	6%	5%	5%	6%	5%	6%	5%	6%	5%	5.9%
TOPEKA	VALENTINO	8%	13%	7%	8%	7%	7%	6%	5%	11%	7%	5%	7%	8%	4%	12%	5%	12%	11%	8.1%
VALENTINO	ACTION	9%	18%	7%	11%	9%	9%	8%	4%	17%	9%	5%	9%	11%	3%	20%	5%	18%	17%	10.6%
VALENTINO	Q IMPULS	9%	16%	5%	13%	10%	9%	11%	5%	19%	10%	7%	11%	13%	8%	16%	6%	18%	19%	11.3%
VALENTINO	TBONE	10%	19%	8%	11%	9%	9%	8%	5%	17%	9%	5%	9%	11%	4%	19%	4%	18%	17%	10.7%
VERNON	GANNON-	9%	9%	6%	11%	8%	11%	7%	5%	7%	8%	7%	8%	11%	6%	8%	4%	8%	8%	7.9%
VOLTAGE	ACADEMY	10%	10%	9%	11%	9%	9%	8%	5%	9%	9%	6%	9%	11%	4%	11%	5%	10%	9%	8.5%
VOLTAGE	KILOWATT	10%	10%	8%	11%	9%	8%	8%	5%	9%	9%	5%	9%	11%	4%	11%	5%	10%	9%	8.4%
	Average	8.0%	9.7%	7.4%	8.7%	7.6%	7.3%	6.8%	4.9%	9.0%	7.6%	5.5%	7.3%	8.7%	4.7%	9.8%	5.3%	9.4%	9.1%	7.6%