

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, 2013.

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}	14JE648 JX-LEONEL {3}	11JE1179 VICEROY	14JE645 HUELL{4}	14JE672 JX- BOUDREAU X{3}	200JE7756 VIVALDI	7JE1274 AXIS	14JE651 JX-BUNK{3}	29JE3867 CHILI	14JE666 METHOD	7JE1331 VARICK	535JE61 JX-TYWIN{4}	14JE650 JX-CHEEZ{3}	29JE3768 DAYBREAK	29JE3927 JX-WALTER {4}	14JE606 PRINCE	29JE3860 PILGRIM	1JE884 JX-ANTWON {4}	Average
CALYPSO	VALENTINO	8%	9%	9%	2%	5%	5%	13%	9%	8%	10%	6%	5%	9%	8%	9%	7%	7%	11%	7.8%
LAYNE	CRITIC-P	9%	9%	8%	3%	5%	6%	13%	9%	8%	11%	7%	4%	9%	8%	9%	8%	6%	9%	7.7%
LAYNE	KILOWATT	7%	9%	6%	2%	5%	4%	13%	9%	6%	10%	7%	4%	9%	8%	9%	6%	6%	9%	7.2%
LAYNE	PAUL	8%	9%	7%	2%	5%	4%	13%	9%	7%	10%	7%	4%	9%	8%	9%	6%	6%	9%	7.3%
LAYNE	PERFORM	9%	9%	7%	3%	5%	5%	13%	9%	8%	11%	7%	4%	9%	8%	9%	8%	6%	9%	7.7%
LAYNE	VOLTAGE	9%	10%	8%	2%	6%	6%	15%	10%	8%	12%	7%	4%	10%	9%	10%	8%	6%	10%	8.3%
MARVEL	PAUL	8%	8%	8%	2%	5%	6%	12%	17%	7%	10%	6%	4%	17%	8%	8%	8%	6%	17%	8.6%
MARVEL	PERFORM	9%	8%	9%	3%	5%	7%	11%	17%	8%	11%	6%	4%	17%	9%	8%	10%	6%	17%	9.1%
MARVEL	TBONE	8%	8%	8%	3%	5%	6%	12%	17%	7%	10%	6%	4%	17%	8%	10%	8%	6%	17%	8.9%
MARVEL	VOLTAGE	9%	9%	10%	2%	5%	7%	13%	17%	9%	12%	6%	4%	17%	10%	9%	9%	6%	18%	9.7%
PERFORM	ACADEMY	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	9%	4%	6%	7%	6%	9%	6%	6%	6.5%
PERFORM	KILOWATT	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	6%	4%	6%	7%	6%	9%	6%	6%	6.2%
PERFORM	MARVEL	10%	6%	8%	3%	5%	6%	9%	11%	9%	11%	6%	4%	11%	8%	7%	11%	6%	12%	7.9%
PERFORM	PAUL	9%	5%	7%	3%	5%	5%	7%	6%	8%	8%	6%	4%	6%	7%	6%	9%	6%	6%	6.3%
PLUS{5}	ACTION	6%	5%	6%	2%	6%	4%	8%	5%	7%	7%	6%	4%	5%	6%	6%	5%	5%	6%	5.4%
PLUS{5}	HEADLINE	6%	5%	8%	2%	5%	4%	7%	5%	6%	6%	6%	6%	5%	7%	5%	5%	8%	8%	5.9%
REGAL	CRITIC-P	9%	9%	8%	3%	6%	6%	12%	9%	9%	11%	6%	4%	9%	8%	9%	8%	6%	9%	7.8%
REGAL	PERFORM	9%	9%	7%	3%	6%	6%	12%	9%	9%	11%	6%	4%	9%	8%	10%	8%	6%	9%	7.8%
SIAS A467	TBONE	8%	6%	5%	3%	6%	4%	7%	6%	6%	6%	6%	4%	6%	6%	8%	5%	6%	6%	5.7%
TOPEKA	ACTION	7%	6%	5%	3%	7%	4%	8%	5%	6%	6%	6%	4%	5%	5%	7%	5%	6%	6%	5.7%
TOPEKA	BELVEDERE	6%	5%	5%	3%	6%	4%	7%	5%	6%	5%	6%	4%	5%	6%	7%	5%	6%	6%	5.3%
TOPEKA	ECLIPES-P	6%	5%	5%	4%	6%	4%	7%	5%	6%	6%	6%	4%	5%	5%	7%	5%	6%	6%	5.4%
TOPEKA	RILEY	7%	6%	5%	3%	6%	4%	8%	6%	6%	6%	6%	4%	6%	6%	7%	5%	6%	6%	5.7%
TOPEKA	TBONE	7%	6%	5%	4%	6%	4%	6%	5%	6%	6%	6%	4%	5%	5%	8%	5%	6%	6%	5.6%
TOPEKA	VALENTINO	8%	8%	6%	3%	6%	5%	12%	8%	7%	10%	6%	4%	8%	7%	9%	6%	6%	9%	7.2%
VALENTINO	ACTION	9%	12%	8%	2%	7%	6%	20%	12%	9%	14%	6%	5%	12%	9%	12%	8%	6%	12%	9.4%
VALENTINO	ECLIPES-P	9%	12%	8%	3%	6%	6%	19%	11%	9%	14%	6%	4%	11%	9%	12%	8%	6%	12%	9.1%
VALENTINO	Q IMPULS	9%	10%	11%	2%	4%	9%	16%	11%	9%	15%	6%	3%	11%	11%	10%	11%	6%	12%	9.2%
VALENTINO	TBONE	10%	12%	8%	3%	6%	7%	19%	11%	9%	14%	6%	5%	11%	9%	13%	8%	6%	12%	9.4%
VERNON	JX-GANNON	9%	7%	7%	6%	7%	7%	8%	6%	11%	9%	6%	4%	6%	8%	8%	7%	6%	6%	7.2%
VOLTAGE	ACADEMY	10%	8%	8%	3%	6%	6%	11%	8%	9%	10%	9%	5%	8%	9%	8%	8%	6%	8%	7.7%
VOLTAGE	KILOWATT	10%	8%	8%	2%	6%	6%	11%	7%	8%	10%	6%	5%	7%	9%	8%	8%	6%	8%	7.4%
	Average	8.3%	7.8%	7.3%	2.8%	5.6%	5.4%	11.1%	8.9%	7.7%	9.6%	6.3%	4.2%	8.9%	7.7%	8.4%	7.4%	6.1%	9.5%	7.4%