

## 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, 2010.

*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	29JE3762 VOLCANO	29JE3761 VISIONARY	523JE927 MAGNUM	7JE1067 GR-GOLDA	7JE1082 GR-HEART	1JE711 PLUS	7JE1038 VALENTINO	29JE3702 GR-VERTEX	236JE153 LURE	7JE1046 ZIPPER	200JE73 GR- MAXWELL	200JE477 JOKER	29JE3615 JUPITER	29JE3624 VERNON	200JE485 VAUGHN	11JE1098 CRITIC-P	29JE3642 GR-GATSBY	29JE3678 BLADE	Average
ACADEMY	TBONE	6%	6%	5%	12%	6%	5%	7%	8%	3%	2%	6%	10%	5%	6%	4%	6%	3%	4%	5.8%
ECLIPES-P	IATOLA	7%	7%	4%	5%	5%	10%	8%	7%	3%	2%	4%	6%	4%	7%	5%	6%	3%	4%	5.4%
ECLIPES-P	IMPULS	7%	7%	7%	4%	4%	4%	5%	4%	6%	7%	7%	4%	9%	5%	9%	7%	8%	6%	6.1%
ECLIPES-P	JACINTO	7%	7%	5%	6%	4%	4%	7%	6%	5%	2%	5%	6%	4%	8%	5%	6%	3%	5%	5.2%
ECLIPES-P	TBONE	6%	6%	5%	12%	6%	5%	7%	7%	4%	2%	6%	6%	4%	7%	4%	6%	3%	4%	5.5%
GANNON-PR	IMPULS	6%	6%	6%	10%	15%	4%	4%	9%	5%	7%	17%	5%	9%	3%	8%	6%	12%	6%	7.5%
HEADLINE	ACTION	6%	6%	6%	7%	5%	5%	8%	7%	2%	2%	5%	8%	6%	6%	4%	6%	3%	5%	5.4%
HEADLINE	IATOLA	7%	7%	5%	6%	5%	11%	9%	8%	2%	2%	5%	8%	6%	6%	5%	7%	3%	5%	5.9%
HEADLINE	IMPULS	8%	8%	7%	5%	4%	4%	5%	5%	5%	7%	7%	6%	11%	5%	9%	8%	9%	7%	6.6%
HEADLINE	TBONE	6%	6%	5%	13%	6%	5%	7%	8%	3%	2%	6%	8%	6%	6%	4%	6%	3%	5%	6.0%
IMPULS	ACTION	9%	9%	9%	2%	3%	4%	3%	3%	9%	12%	9%	2%	14%	4%	15%	9%	14%	8%	7.6%
IMPULS	TBONE	9%	9%	9%	8%	5%	4%	3%	4%	9%	12%	10%	3%	15%	4%	15%	9%	14%	8%	8.2%
KILOWATT	CARRIER	5%	5%	5%	6%	5%	5%	8%	6%	1%	2%	5%	8%	5%	5%	4%	6%	3%	5%	5.0%
KILOWATT	CELEBRITY	5%	5%	5%	8%	7%	5%	8%	8%	1%	2%	6%	9%	6%	5%	4%	6%	4%	6%	5.5%
LEGAL	ACTION	17%	17%	7%	5%	4%	4%	5%	5%	7%	7%	7%	4%	9%	6%	10%	16%	9%	7%	8.0%
LEGAL	IATOLA	17%	17%	6%	4%	4%	10%	6%	5%	7%	7%	6%	5%	9%	7%	11%	16%	8%	6%	8.5%
LEGAL	TBONE	17%	17%	6%	11%	5%	4%	5%	6%	8%	7%	8%	5%	10%	7%	10%	16%	9%	6%	8.6%
PAUL	ABE	7%	7%	5%	6%	5%	5%	8%	7%	3%	2%	5%	7%	5%	7%	5%	6%	3%	4%	5.4%
PAUL	CELEBRITY	5%	5%	6%	8%	7%	6%	7%	8%	2%	2%	6%	9%	6%	5%	4%	6%	4%	5%	5.6%
PAUL	KILOWATT	5%	5%	6%	7%	5%	6%	7%	7%	1%	2%	5%	8%	6%	5%	4%	6%	3%	5%	5.2%
PAUL	SPARKY	6%	6%	6%	7%	6%	9%	8%	8%	2%	2%	6%	8%	6%	5%	4%	6%	3%	4%	5.6%
PLUS	ACTION	6%	6%	5%	5%	6%	28%	7%	6%	2%	3%	4%	6%	4%	6%	5%	6%	3%	4%	6.3%
PLUS	GANNON-PR	5%	5%	4%	8%	12%	27%	6%	8%	2%	3%	10%	6%	4%	5%	5%	5%	5%	4%	6.8%
PRAETORIAN	TBONE	6%	6%	5%	12%	6%	5%	7%	8%	3%	2%	6%	10%	5%	6%	4%	6%	3%	4%	5.8%
REGION	IATOLA	7%	7%	4%	6%	5%	10%	8%	7%	3%	2%	4%	10%	4%	7%	5%	7%	3%	4%	5.9%
RENEGADE	ACTION	6%	6%	5%	5%	4%	4%	6%	6%	4%	2%	4%	6%	4%	11%	4%	5%	3%	4%	4.9%
TBONE	ACTION	6%	6%	5%	18%	7%	5%	7%	9%	4%	2%	8%	7%	5%	7%	4%	6%	4%	5%	6.4%
TBONE	IATOLA	7%	7%	4%	18%	8%	10%	8%	10%	3%	2%	7%	8%	5%	7%	5%	7%	3%	4%	6.9%
VALENTINO	ACTION	11%	11%	5%	6%	5%	6%	30%	12%	2%	2%	5%	8%	4%	11%	10%	6%	3%	5%	8.0%
VALENTINO	TBONE	11%	11%	4%	12%	7%	6%	30%	13%	3%	2%	6%	9%	4%	11%	9%	6%	3%	5%	8.6%
VOLTAGE	ACADEMY	11%	11%	5%	8%	7%	6%	13%	13%	2%	2%	6%	9%	5%	11%	9%	6%	3%	5%	7.5%
VOLTAGE	KILOWATT	11%	11%	5%	8%	7%	6%	13%	13%	2%	2%	6%	9%	5%	11%	9%	6%	4%	6%	7.4%
<b>Average</b>		<b>8.0%</b>	<b>8.0%</b>	<b>5.5%</b>	<b>8.1%</b>	<b>5.9%</b>	<b>7.3%</b>	<b>8.4%</b>	<b>7.5%</b>	<b>3.7%</b>	<b>3.6%</b>	<b>6.5%</b>	<b>7.0%</b>	<b>6.4%</b>	<b>6.6%</b>	<b>6.6%</b>	<b>7.3%</b>	<b>5.0%</b>	<b>5.2%</b>	<b>6.5%</b>