# **Mating Health Summary**



This Mating Health Summary provides the following information.

- Inbreeding values and health test pedigrees for both Sire and Dam.
- The average inbreeding coefficient for their breed.
- The results of a predicted Kinship Coefficient calculation for this mating.

# German Shepherd Dog

The average inbreeding coefficient for this breed is 3.2%



#### How to use this information

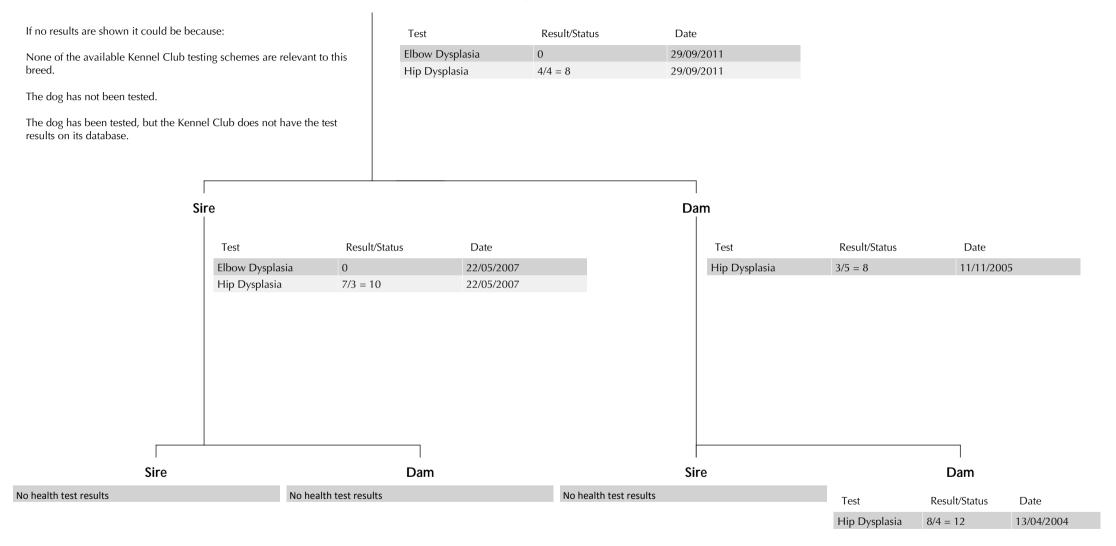
- This gives the predicted inbreeding coefficients of the puppies that would be born if this mating were to go ahead.
- A puppy's predicted co-efficient of inbreeding may range from 0% to 100%.
- Matings are usually only advisable if the predicted inbreeding coefficient is less than the average inbreeding coefficient for the breed.
- The average inbreeding coefficient for this breed is displayed underneath the breed name above.
- Inbreeding is defined as the mating of related individuals, whether they are closely or more distantly related. The inbreeding coefficient of an individual is the probability that two copies of the same gene have been inherited by an individual from a common founder, an ancestor shared by both parents.

For example, an inbreeding coefficient of 12.5% means that a dog with this inbreeding coefficient has a 1 in 8 chance of inheriting the same copy of a gene from both its dam and sire. Remember, this is true for both genes that have a beneficial impact and for genes that have a deleterious effect if they are to become homozygous.

## Health Test Pedigree



#### Merjuke's Warrior - German Shepherd Dog



## Health Test Pedigree



### Gabriella's Pride And Joy Of Reinglen - German Shepherd Dog

