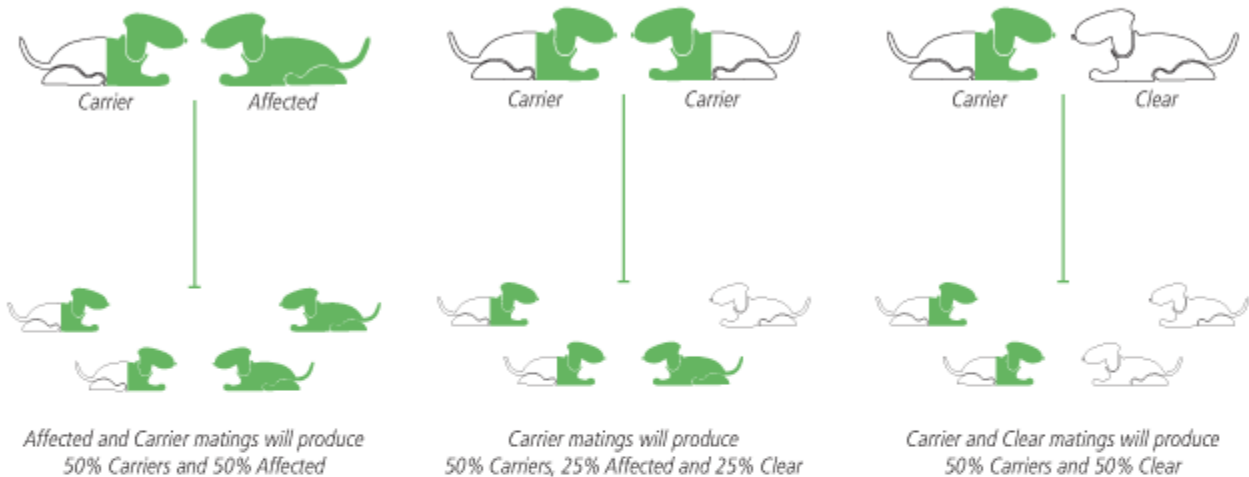


Breeding Strategies Fact Sheet

Strategies for dogs diagnosed as Clear, Affected or Carriers of a specific disease or trait

Expected Outcomes

The matings shown in the diagrams below represent the expected outcomes (ratios) from mating combinations of Clear, Carrier and Affected dogs. These outcomes are based on Mendelian inheritance of a disease/trait. Due to the probability of genetic inheritance, the actual outcome of matings may vary from expected ratios shown below, eg 2 Carriers may produce all Clear or all Affected.



Definite Outcomes

The following three matings have only one possible outcome, 100% Clear, 100% Carriers or 100% Affected.

