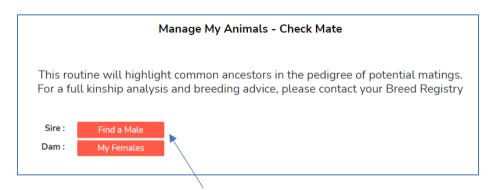
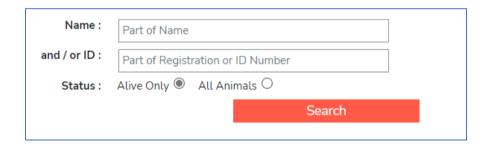
Check Mate in Grassroots Online

Check Mate – is a simple system developed in conjunction with the British Pig Association to help members avoid mating closely related animals. It is being rolled out as an option for all Grassroots Breeds to use if they wish.

This is a new option in the Manage My Animals Menu in the Grassroots Online Registry (top right of the Online Registry screens). The Online Registry can be accessed from your breed society website, or via the Grassroots website https://example.co.uk click on 'For Farmers', Grassroots Breeds, find your breed and click on the black Grassroots logo.



Click on the box to 'select the male' from the whole database



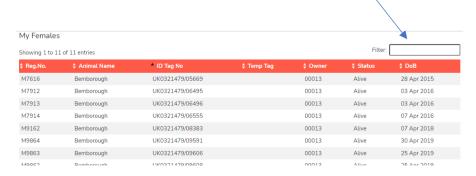
Type in part of the name or number and click on Search

Select the correct male from the list offered.

Click on the box to 'select one of your females'

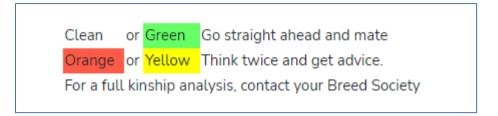
A list of the registered females in your ownership will be displayed.

Use the filter (top right) to reduce the list by registration number, tag number, age or name.

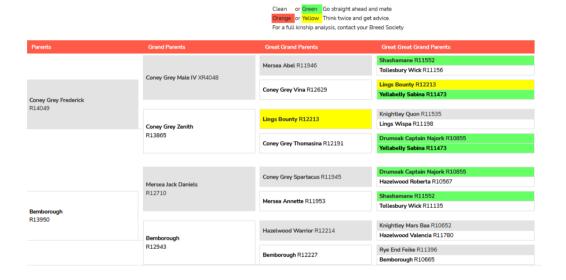


Click on the correct female in the list offered.

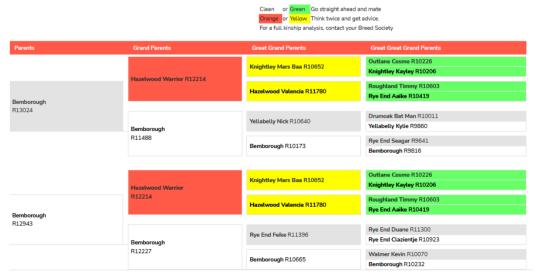
A 'what if' pedigree will be displayed for the prospective offspring. Any common ancestors will appear in colour with the simple instructions:



If the common ancestor first appears as a parent or grandparent it will be in orange If the common ancestor first appears as a great grandparent it will be in yellow If the common ancestor first appears as a great grandparent it will be in green.



Obviously the more colour in the pedigree the more common ancestors and the higher the risk.



This is an example showing that the 2 animals selected had the same sire.

Check Mate - Grassroots Systems Ltd (28th Sept 2021)



Or the proposed mating was to the ewe's grandsire

For more detailed advice or a full kinship analysis please contact your breeder group rep who has a module to run the full kinship analysis for all your females against any group of possible males.

Kinship -

For more detailed advice or a full kinship analysis please contact your breeder group rep who has a Grassroots module to run the full kinship analysis for all your females against any group of possible males.

Grassroots have provided tools to enable Breed Societies to do full Kinship Analysis for many years. This is done in the Office System and creates a standard report helping members to understand when animals are too closely related to be used for breeding. The kinship analysis is a probability calculation, and can be skewed where pedigrees are incomplete or of different lengths. There is also no absolute number above or below which it is safe to breed. The standard Grassroots Kinship report explains this and makes comparison with the mean inbreeding coefficient for the current live population. However, this can also be skewed in breeds where not all deaths are reported. These are the reasons Grassroots have never made Kinship analysis an Online Option, but rather encouraged members to ask for an analysis via their breed registry/reps, who are familiar with their own breed data.

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