

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 home.grassroots.co.uk click on 'For Farmers', Grassroots Breeds, find your breed and click on the black Grassroots logo.

Manage My Animals - Check Mate

This routine will highlight common ancestors in the pedigree of potential matings. For a full kinship analysis and breeding advice, please contact your Breed Registry

Sire :

Dam :

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

Name :

and / or ID :

Status : Alive Only All Animals

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.

My Females

Showing 1 to 11 of 11 entries Filter:

Reg.No.	Animal Name	ID Tag No	Temp Tag	Owner	Status	DoB
M7616	Bemborough	UK0321479/05669		00013	Alive	28 Apr 2015
M7912	Bemborough	UK0321479/06495		00013	Alive	03 Apr 2016
M7913	Bemborough	UK0321479/06496		00013	Alive	03 Apr 2016
M7914	Bemborough	UK0321479/06555		00013	Alive	07 Apr 2016
M9162	Bemborough	UK0321479/08383		00013	Alive	07 Apr 2018
M9864	Bemborough	UK0321479/09591		00013	Alive	30 Apr 2019
M9863	Bemborough	UK0321479/09606		00013	Alive	25 Apr 2019
M9867	Bemborough	UK0321479/09608		00013	Alive	25 Apr 2019

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 :

Clean or Green Go straight ahead and mate
Orange or Yellow Think twice and get advice.
 For a full kinship analysis, contact your Breed Society

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 great grandparent it will be in green.

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Parents	Grand Parents	Great Grand Parents	Great Great Grand Parents
Coney Grey Frederick R14049	Coney Grey Male IV XR4048	Mersea Abel R11946	Shashamane R11552
		Coney Grey Vina R12629	Tollesbury Wick R11156
Bemborough R13950	Coney Grey Zenith R13865	Lings Bounty R12213	Lings Wispa R11198
		Coney Grey Thomasina R12191	Drumoak Captain Najork R10855
	Mersea Jack Daniels R12710	Coney Grey Spartacus R11945	Yellabelly Sabina R11473
		Mersea Annette R11953	Drumoak Captain Najork R10855
Bemborough R12943	Bemborough R12943	Hazelwood Warrior R12214	Hazelwood Roberta R10567
		Bemborough R12227	Shashamane R11552
			Tollesbury Wick R11135
		Hazelwood Warrior R12214	Knightley Mars Baa R10652
		Bemborough R12227	Hazelwood Valencia R11780
			Rye End Feike R11396
			Bemborough R10665

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

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Parents	Grand Parents	Great Grand Parents	Great Great Grand Parents
Bemborough R13024	Hazelwood Warrior R12214	Knightley Mars Baa R10652	Outlane Cosmo R10226
		Hazelwood Valencia R11780	Knightley Kayley R10206
Bemborough R12943	Hazelwood Warrior R12214	Yellabelly Nick R10640	Roughland Timmy R10603
		Bemborough R10173	Rye End Aaika R10419
	Bemborough R12227	Rye End Feike R11396	Outlane Cosmo R10226
		Bemborough R10665	Knightley Kayley R10206
		Rye End Feike R11396	Roughland Timmy R10603
		Bemborough R10665	Rye End Aaika R10419
			Drumoak Bat Man R10011
			Yellabelly Kylie R9860
			Rye End Seagar R9641
			Bemborough R9816
			Rye End Duane R11300
			Rye End Clazientje R10923
			Walmer Kevin R10070
			Bemborough R10232

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

Parents	Grand Parents	Great Grand Parents	Great Great Grand Parents
Faygate Leith M5984	Faygate Henderson M5091	Trude Affric M4372 Faygate Carnoch M3736	Longsands Larry M3960 Wheatill Julie M3727 Elmstone M2436 Dale Hill M1465
	Faygate Ewe M4257	Elmstone M2436 Elmstone M2443	Redoak Lunar M1648 Foxhill M1541 Flitwick Perocles M1149 Hollanden M0921
Bemborough M7616	Stewkey Plato M6442	Faygate Leith M5984 Stewkey Naomi M5975	Faygate Henderson M5091 Faygate Ewe M4257 Goulds Chestnut M4990 Stewkey Kate M5099
	Bemborough M5439	Burfords M4555 Bemborough M3961	Hurst Origanum M4022 Burfords Hannah M2693 Pigeon Whipper M3102 Bemborough M2840

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.