

Oxford Sandy and Black Conservation Plan 2025

Members keeping this sow line					Sow Line	Total Sows				
2024	2023	2022	2021	2004		2024	2023	2022	2021	2004
18	25	28	31	10	Alison	22	33	37	52	17
17	20	19	31	13	Clare	28	31	31	44	19
13	13	17	22	8	Clarissa	25	30	35	35	12
23	21	24	36	8	Cynthia	46	39	45	52	15
14	15	17	24	0	Dandy	21	23	28	38	0
12	14	15	21	12	Duchess	17	16	17	28	18
16	15	18	18	12	Elsie	23	29	32	29	23
13	18	20	21	6	Gertrude	23	25	28	29	7
25	19	19	25	1	Gloria	51	49	41	44	2
14	19	21	24	7	Iris	18	21	26	34	7
13	13	15	18	12	Lady	16	15	19	20	20
12	11	15	21	9	Mary	18	17	25	33	9
19	18	20	25	9	Sybil	29	28	31	35	13
					Total	337	356	395	473	162
Percentage of sows with purebred litters						60%	64%	67%	60%	61%

Members keeping this boar line					Boar Line	Registered Boars				
2024	2023	2022	2021	2004		2024	2023	2022	2021	2004
13	16	22	28	7	Alexander	15	20	24	32	7
24	21	23	22	5	Alistair	27	22	26	24	5
15	22	26	30	20	Clarence	21	27	32	36	17
25	23	27	34	6	Jack	33	31	32	37	7
					Total	97	100	114	129	36
Members keeping registered pigs						115	123	136	172	64

Mean Inbreeding for the UK Oxford Sandy & Black Population:

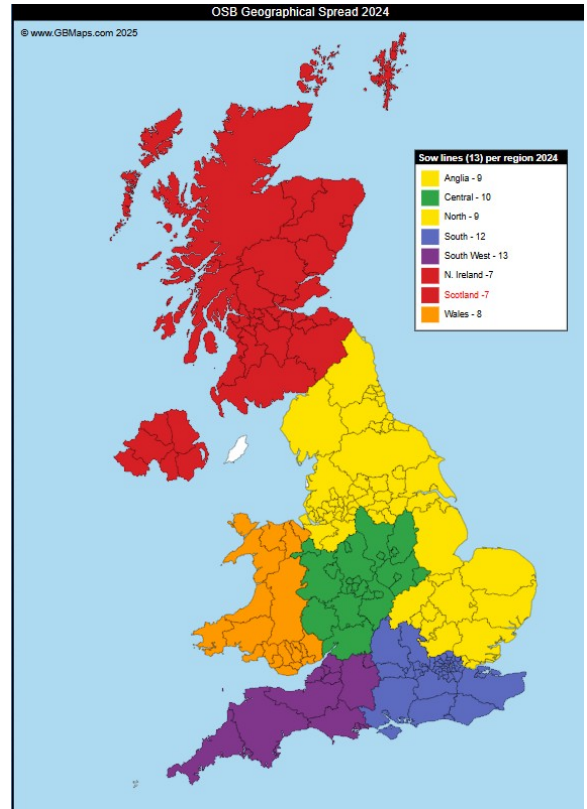
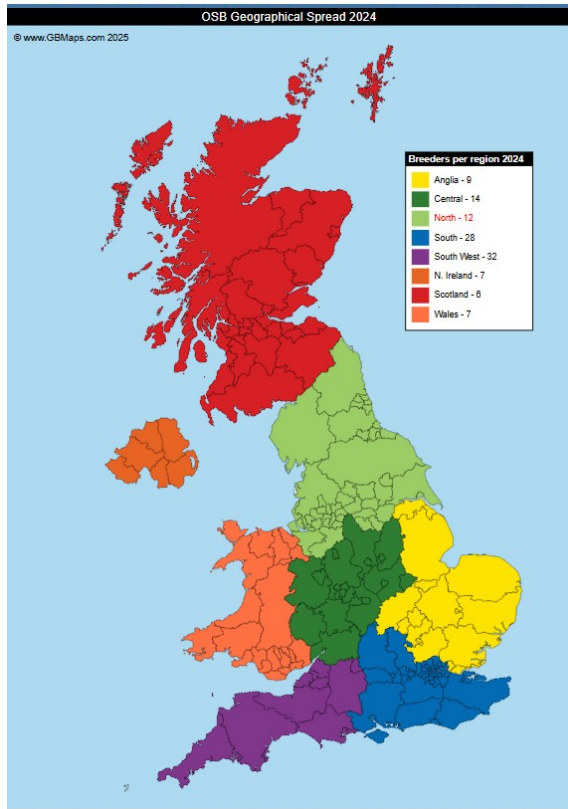
2019: 0.0550, 2020: 0.0644, 2021: 0.0576, 2022: 0.05418, 2023: 0.04851, 2024: 0.04626

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	Alison Sows	Clare Sows	Clarissa Sows	Cynthia Sows	Dandy Sows	Duchess Sows	Elsie Sows	Gertrude Sows	Gloria Sows	Iris Sows	Lady Sows	Mary Sows	Sybil Sows	Total Sows	2024 Sow lines / region	2023 Sow lines / region	2022 Sow lines / region
Anglia	3		1	3			4		4	2	1	2	8	28	9	10	11
Central	1		1	3	7	1	4	4	5		2		5	33	10	11	12
North	1	3		2		2		1	1	2		4	1	17	9	11	12
South	4	10	14	23		2	10	7	24	4	6	4	4	112	12	13	13
South West	9	11	7	14	7	7	5	7	13	9	2	1	5	97	13	13	13
N. Ireland	3	1	2		2						1	6	3	18	7	8	7
Scotland	1	3			3	1			1	1	1			11	7	7	10
Wales				1	2	4		4	3		3	1	3	21	8	8	11
2024 Regions with this line	7	5	5	6	5	6	4	5	7	5	7	6	7				
2023 Regions with this line	8	6	5	5	7	7	5	5	7	7	7	5	7				
2022 Regions with this line	8	6	6	5	8	7	7	6	8	8	7	7	6				

	Alexander	Alistair	Clarence	Jack	Total Boars	2024 Boar lines / region	2023 Boar lines / region	2022 Boar lines / region	2024 breeders
Anglia		2	3	2	7	3	3	4	9
Central	2		1	6	9	3	4	3	14
North	3	2	4	2	11	4	3	4	12
South	1	4	1	3	9	4	3	4	28
South West	1	2			3	2	3	4	32
N. Ireland	6	9	8	8	31	4	4	4	7
Scotland	2	6	3	11	22	4	1	3	6
Wales		2	1	1	4	3	2	3	7
2024 Regions with this line	5	5	5	5					
2023 Regions with this line	8	7	7	7					
2022 Regions with this line	8	7	7	7					

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Oxford Sandy & Black Genebank

HB Reg No	Name	DOB	Ear No	IB coeff. 1	IB coeff. 2
R001363OS	Macnean Jack 227	07/08/2009	GGs/227	0.0232	0.0211
R001469OS	Bissettdown Alistair 11	18/10/2009	RHE/346	0.0338	0.03
R003639OS	Hopecottage Clarence 337	02/03/2015	MZJ/337	0.0366	0.0377
R003866OS	St Piers Alexander 253	26/08/2016	NCY/253	0.0212	0.0223
R004599OS	Scrubditch Alexander 54	11/08/2018	KLV/54	0.036	0.0334
R004693OS	Manorfields Jack 771	18/03/2019	CGH/771	0.044	0.0399
R004885OS	Waywood Alexander 23	16/04/2020	WDW/23	0.0297	0.0282
R005283OS	Fenny Alistair	07/11/2021	VKF/1	0.0292	0.0283
R005635OS	Tan Clarence 7	30/01/2024		0.0201	0.0203
Average inbreeding in the tank				0.0304	
R005595OS	Brookhall Clarence 7	01/09/2023	KBG/314		0.018
Average inbreeding in the tank					0.0279

Assessment of Oxford Sandy & Black Conservation Targets for 2024

1. There has been success moving lines to different regions but more work is required and this work is likely to be ongoing as some breeders cease to have pigs and new breeders join the BPA.

For boars, 4 regions need additional lines so that all lines are represented.

In terms of sow lines, all regions need additional lines with the exception of the South West.

2. We succeeded in adding 2 boars to the tank and now have semen from 10 boars frozen. The inbreeding co-efficient of the boars in the tank is 0.0279 - so looking pretty good.

3. There has been a slight reduction in breeder and sow numbers but boar numbers have remained fairly static. The Alexander line has dropped to 15 registered boars. While no line is at risk we need to continue to monitor numbers to ensure numbers are maintained. Overall numbers remain good, particularly given the increased costs of feed, straw etc.

Oxford Sandy and Black Targets 2025

1. Continue to work to ensure regional spread of lines and genetics. There is a heavy bias of numbers in the South and South West, particularly boars. It would be good to encourage more breeders in other regions. There are plans underway to focus on this work ensuring spread of genetics as well as lines throughout the regions.

2. There has been a slight decrease in the number of cross bred litters. We plan to encourage breeders to breed pure as far as possible. Continue to encourage members to sell breeding stock to BPA members and ensure breeding stock remains in the BPA herd book.

3. The inbreeding co-efficient is currently 0.04626. Seek to reduce this further by selective use and placement of boars within herds using kinship and encouraging breeders to seek advice regarding boar selection based on kinship rather than just line names. Where boars are to be rotated around schools and farm parks, ensure that the best boars are selected to improve genetic diversity.