



The following boars have been added to the genebank in 2021

Breed	Line	Name	Reg	DOB	Ear #
Berkshire	Peter Lad	Cobtree Peter Lad 2	R004928BK	25/07/2020	VFJ/9
British Saddleback	Carl	Blackthorn Carl 325	R008594BS	07/05/2021	SXD/325
Large Black	Majestic Eagle	Framfield Majestic Eagle 313	R003784LB	18/01/2021	NMA/313
Middle White	Rajah	Junior Rajah 2	R003537MW	14/01/2021	LXF/120
Oxford Sandy & Black	Alexander	Waywood Alexander 23	R004885OS	16/04/2020	WDW/23
Welsh	Vulcan	Leysterspring Vulcan 15	R006289WE	13/07/2020	FFM/1405

There are 6 lines still to be collected. To complete our interim target of collecting all the named lines with a minimum of 10 boars from each breed we need another 13 boars.

Breed	Boars	Total Lines	Lines to Collect	Boars to collect
Total BK	8	7	0	2
Total BL	10	10	1	1
Total BS	15	14	1	1
Total GS	10	4	0	0
Total LB	10	6	0	0
Total LW	11	10	1	1
Total MW	8	5	0	2
Total OSB	7	4	0	3
Total TW	10	8	0	0
Total WE	8	11	3	3
Total Collected	97	79	6	13

The lines still to be collected are

Breed	Line	2021 survey		Breed	Line	2021 survey	
		Boars	Herds			Boars	Herds
British Landrace	Nekton	1	1	Welsh	James	9	7
British Saddleback	Guardsman	11	11	Welsh	Leo	10	7
Large White	Prince	5	4	Welsh	Victor	11	10
Total Lines to collect						6	

There are a further 13 boars to be collected. We would hope to complete those collections over the next two years so that by 2024 the first stage of the programme is complete.

For next year we have a British Landrace Nekton boar bred specifically from frozen semen which will be available in January 2022. We have the British Saddleback Guardsman boar also ready to go over to Deerpark immediately. We have identified a Prince boar in Yorkshire from a very old herd as yet unrepresented in the tank. We are looking at candidates for all the Welsh lines from herds that are not yet represented in the tank and we hope to have two boars for 2022. In addition we would hope to collect another Middle White and Oxford Sandy & Black towards the end of 2022.

**Berkshire - Cobtree Peter Lad 2**

We have all 7 boar lines in the tank. The inbreeding relationship between the boars in the tank is much lower than the average in the live population. Berkshire semen is in demand for crossbreeding and commercial production and so we are lucky that there is almost always a Berkshire boar available at Deerpark. That does not mean that we want the boar in the genebank. The objectives of the genebank are very specific. The boars must be unrelated to each other and ideally unrelated to the wider population. We want to have a selection of lines and we also want to see a range of breeders represented.

HB Reg No	Name	DOB	Ear no	IB
HAL/16	Hollybrook Freight Train 2	12/08/1998	HAL/16	0.0104
TMM/783	Smallicombe Namatjira 6	22/03/2002	TMM/783	0.0065
R000682BK	Applegarth Nama Abel 142	02/06/2005	NAE/142	0.0153
R001566BK	Gracebank Orlando 2	12/02/2008	BTS/130	0.0156
R001801BK	Fairoaks Peter Lad 4	15/04/2008	CIM/292A	0.0248
R002609BK	Barlings Lassetter 707	08/09/2009	ASY/707	0.0127
R003217BK	Fairoaks Ambassador 9	06/11/2011	CIM/463	0.0174
R004928BK	Cobtree Peter Lad 2	25/07/2020	VFJ/9	0.0057
Inbreeding of the Berkshire boars in the Genebank				0.0136
Mean inbreeding of the Berkshire population				0.0518

**British Saddleback - Blackthorn Carl 325**

The British Saddleback Breeders identified a suitable Carl boar - Blackthorn Carl 325 and this was added to the Genebank in place of the Guardsman which is now the only line left to collect.

HB Reg No	Line	DOB	Ear No	IB
BUK/157	Rajah	06/08/1992	BUK/157	0.0074
BZG/218	Grand Duke	06/10/1999	BZG/218	0.0126
BZG/226	Dictator	07/10/1999	BZG/226	0.0255
R001024BS	Golden Arrow	02/02/2005	WMC/165	0.0137
R002552BS	Prefect	23/01/2008	SGX/86	0.0106
R002792BS	Rajah	03/10/2007	GJB/466	0.0228
R003062BS	Dictator	15/05/2008	GJB/11A	0.0273
R005539BS	Stockbroker	12/05/2010	GJB/278B	0.0085
R005818BS	General	09/01/2012	BSX/115E	0.0097
R006428BS	Viscount	02/07/2013	BSX/255E	0.004
R006465BS	Walter	25/07/2013	NMA/48	0.0094
R007629BS	Tudor Dominator 5	09/03/2017	NPR/71	0.0067
R007701BS	Framfield Consort 110	01/08/2017	NMA/110	0.0129
R008089BS	Kajii Earl Simon	01/02/2019	SDU/39A	0.0102
R008594BS	Blackthorn Carl 325	07/05/2021	SXD/325	0.0019
Average inbreeding of British Saddleback boars in the genebank				0.0122
Mean Inbreeding for the UK British Saddleback population				0.0344



### Large Black - Framfield Majestic Eagle 313

The BPA/RBST look for 10 unrelated boars to have semen held in long term storage, in 2021 the final boar went to Deerpark. This boar is now available for fresh semen too.

HB Reg No	Name	Ear No	DOB	IB 2
CBJ/190	Westerly Majestic 190	CBJ/190	10/03/2002	0.0332
R000455LB	Bilgrm Defender 14	BBL/14	07/07/2005	0.0342
R000907LB	Sock Attempt 15	SOK/3106	05/03/2007	0.0299
R001442LB	Crane Majestic Eagle 3	CRW/439	05/08/2009	0.0335
R001661LB	Sock Super26th	SOK/3482	02/01/2011	0.0224
R002180LB	Donagheragh Malcolm 61	KBB/61	04/12/2012	0.0358
R002312LB	Donagheragh Super 93	KBB/93	28/10/2013	0.0178
R003103LB	Framfield Majestic 203	NMA/203	01/09/2017	0.008
R003362LB	Luckygeorge Majestic 2	LGP/33	02/01/2019	0.0145
R003784LB	Framfield Majestic Eagle 313	NMA/313	18/01/2021	0.0096
Average in breeding of Large Black boars in the Genebank				0.0239
Mean Inbreeding for the UK Large Black Population				0.0330

### Middle White - Junior Rajah 2

Two more boars are needed to complete the interim target of 10 boars and all the lines. A new Mischief boar is being bred for the Genebank and should be available later in the year.

HB Reg No	Name	DOB	Ear No	IB
CSC/1	Slievenalargy Revival	10/10/1999	CSC/1	0.0034
CVM/297	Westham Captain 297	24/02/2002	CVM/297	0.0286
R000472MW	Degiorgio Rajah 15	30/04/2005	MTE/015	0.0301
R000702MW	Westham Mischief 567	20/08/2006	CVM/567	0.0302
R000937MW	Lakeview Captain 1	05/11/2005	TBH/1	0.0229
R002187MW	Solitaire Sovereign	06/02/2012	YFA/16	0.021
R003274MW	Tatton Captain	12/08/2018	TDF/17	0.0128
R003537MW	Junior Rajah 2	14/01/2021	LXF/120	0.0162
Average in breeding of Middle White Boars in the Genebank				0.0207
Mean Inbreeding for the UK Middle White Population				0.0532

### Oxford Sandy & Black - Waywood Alexander 23

The OSB is one of the breeds with the least number of boars in the Genebank. We need to add 3 more boars over the next two years. We aim, this year to select at least two suitable boars for AI. Space at the AI centre is limited and we would prefer to have only one boar available at a time to ensure continuity of supply for those wishing to use the AI service. The selection process of boars is as follows:



- Being a good example of the breed in terms of conformation and breed standard
- Being able to reduce the average inbreeding from its present value of 0.036.
- Being least unrelated to all the boars already in the tank over at least 3 generations

HB Reg No	Name	DOB	Ear No	IB
R001363OS	Macnean Jack 227	07/08/2009	GGG/227	0.0291
R001469OS	Bissettdown Alistair 11	18/10/2009	RHE/346	0.0432
R003639OS	Hopecottage Clarence 337	02/03/2015	MZJ/337	0.0413
R003866OS	St Piers Alexander 253	26/08/2016	NCY/253	0.0265
R004599OS	Scrubditch Alexander 54	11/08/2018	KLV/54	0.0443
R004693OS	Manorfields Jack 771	18/03/2019	CGH/771	0.0404
R004885OS	Waywood Alexander 23	16/04/2020	WDW/23	0.0247
Average inbreeding of Oxford Sandy & Black boars in the Genebank				0.0356
Mean Inbreeding for the UK Oxford Sandy & Black Population				0.0576

### Welsh - Leysterspring Vulcan 15

The Welsh breed has the most lines still to collect, James, Leo and Victor. A concerted effort will be needed to ensure that we get these three lines into the genebank in the last two years of the project.

HB Reg No	name	birth_year	tag_no	IB
R000530WE	Churchstone Workman 5	09/05/2005	FFA/95	0.0024
R000857WE	Birdcombe Emperor 45	14/10/2006	WYR/45	0.0174
R002204WE	Tates Earl 37	01/08/2009	MIS/62453J	0.0198
R001905WE	Tates Ted 19	02/08/2009	MIS/62469J	0.0282
R004288WE	Burry Imperial 6466	28/08/2014	ANX/6466	0.0106
R005085WE	Beechwood Arthur 9	23/02/2017	MLF/957	0.0079
R005407WE	Barlings Ivor 862	01/01/2018	ASY/862	0.0119
R006289WE	Leysterspring Vulcan 15	13/07/2020	FFM/1405	0.0061
Average inbreeding of Welsh Boars in the Genebank				0.0130
Mean Inbreeding for the UK Welsh Population				0.0486

	
Cobtree Peter Lad 2	Blackthorn Carl 325
	
Framfield Majestic Eagle 313	Junior Rajah 2
	
Waywood Alexander 23	Leysterspring Vulcan 15