



**The file specification for sending sheep records to Signet in an electronic format
(Version 10. 8th July 2016)**

The Signet Sheepbreeder service has the facility to accept data in an electronic format. Supplying data in this format will enable results to be uploaded directly to BASCO, reducing operator error and enabling results to be processed faster. This approach will be particularly useful for larger flocks and those with their own on-farm software.

For data to be uploaded it needs to be supplied in the exact format shown overleaf. There are 24 fields in total, but only 9 are compulsory. Many fields (such as ET recipient or Breed) will have a standard replicated entry. These notes assume records will be sent using an Excel spreadsheet or csv file.

User notes:

- Identities need to match Signet records exactly – extra or missing, spaces or dashes within ear number fields will cause records to be rejected.
- If you need to check the Signet recognised Flockbook Number for a sire or dam known to Signet, please check it using “EBV search” on the Signet website
- Sires and dams must not be more than 10 years older than their progeny
- Sires and dams must be at least 200 days older than their progeny
- Although Prefixes and Names of up to 50 characters can be used, long IDs should be avoided as they may create reporting problems
- Flock Code – is the part of the Flockbook Number that indicates the holding. For animal “ABC:N0001” the Flock Code will be “ABC”. This field enables Signet to identify the breeder (if it is a Signet client), as well as establishing the owner.
- Lambing ease scores – please use scores 1-6 (see table)
- Breed – use Signet recognised breed name (see table)
- Breed Code – this is a numeric value that relates to a specific breed. Please use the Signet recognised breed code (see table)
- Where a sire or dam is not known by Signet, the parent’s details should be supplied as a separate record. This approach allows multi-generational pedigrees to be imported onto BASCO for previously unknown flocks.

Important

- The Constituent Breed/Sixteenths of Breed column can be left blank and these will be assigned based on the parents breed make up
- If Breed 16^{ths} are assigned, the four sixteenths of breed boxes must equal 16.

Farm Software

Output files from farm software can often be adapted to meet these specifications – or your software supplier may be able to develop a “Signet export” procedure to meet your needs.

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BREED	CODE
BELTEX	95
BERRICHON DUCHER	59
BEULAH	19
BLEU DU MAINE	89
BLUEFACED LEICS	21
BORDER LEICESTER	20
BRECON HILL CHEV	79
CHARMOISE HILL	77
CHAROLLAIS	82
CLUN FOREST	60
COLBRED	22
COMPOSITE	68
DORPER	48
DORSET	49
DORSET DOWN	51
EASYCARE	36
HAMPSHIRE DOWN	52
HARDY SPECKLE	71
HERDWICK	12
ILE DE FRANCE	56
JACOB	70
LEICESTER LONGWOOL	27
LINCOLN LONGWOOL	45
LLANWENOG	67
LLEYN	66
LONK	9
MEATLINC	58
MULE	104
NORTH COUNTRY CHEVIOT HILL	4
NORTH COUNTRY CHEVIOT PARK	2
OXFORD DOWN	53
ROMNEY MARSH	41
ROUGE DELA OUEST	93
ROUGHFELL	14
RYELAND	62
SCOTCHBLACKFACE	1
SHROPSHIRE	54
SOUTHDOWN	55
STH WELSH MOUNTN	17
SWALEDALE	5
Suffolk (Note lower case)	50
Texel (Note lower case)	76
UNKNOWN BREED	99
VENDEEN	92
WELSH MOUNTAIN	7
WILTSHIRE HORN	65
ZWARTBLES	38

Breed Names and Codes

This is a list of recognised Breed names and Breed Codes.

If your breed is not listed, please contact Signet directly

Lambing Ease Scores

Flocks wishing to score lambing ease should use the following scores.

The scores are as follows:

- 1 = no assistance
- 2 = slight assistance by hand
- 3 = severe assistance
- 4 = non-surgical veterinary assistance
- 5 = veterinary assistance (surgery)
- 6 = elective caesarean

Lambing Ease Factsheet available at www.signetfbc.co.uk

Fostering

Fostered lambs can be recorded in "FOSTER DETAILS"

"U" for an unknown foster ewe

"A" for artificially reared

"Y" for a known foster ewe – in which case "FOSTER EWE FLOCKBOOK NUMBER" must be completed with the Flockbook number for a ewe already recorded on BASCO

1. File specification for sending animal records to Signet electronically

	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7	FIELD 8	FIELD 9	FIELD 10	FIELD 11	FIELD 12	FIELD 13	FIELD 14	FIELD 15
OFFICIAL BADUT FIELD NAME	ELECTRONIC ID	UK NUMBER	FLOCKBOOK NUMBER	DATE OF BIRTH	SEX	BORN AS	FULL NAME	PREFIX	BIRTH WEIGHT	LAMBING EASE	STATUS	FLOCK CODE	BREED	GENETIC DAM FLOCKBOOK NUMBER	SIRE FLOCKBOOK NUMBER
FIELD	ELECTRONIC ID	UK NUMBER	FLOCKBOOK NUMBER	DATE OF BIRTH	SEX	BORN AS	NAME (INCLUDING PREFIX)	PREFIX	BIRTH WEIGHT (kg)	SCORE FOR LAMBING EASE	STATUS	FLOCK CODE	BREED NAME	IDENTITY OF DAM	IDENTITY OF SIRE
COMPULSORY FIELD?	No, but preferable (for UK born sheep)	No, but preferable (for UK born sheep)	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	YES
NOTES	EID must be in format: 8260FFFFFFAA AA Where F = Flock number A = Animal number	UK Tag must be in format: UK 0 123456 12345 or UK 123456 12345 (older sheep) UK Tag cannot exist in database already or be duplicated in the file. Must be between 0 and 17 characters.	Combination of Flockbook Number, sex and date of birth cannot exist in Basco or be duplicated in file. Can be the same as the UK Tag. Must be between 5 and 17 characters.	Must be in format : DD/M M/YY YY or DDM MYYY Y or DD- MM- YYYY	M, F or C	1,2,3,4, 5,6	Flock prefix and name Anything between 0 and 50 characters.	Just flock prefix Anything between 0 and 50 characters	Value between 1-10kg	1,2,3,4 ,5 or 6	LIVE, DEAD or SOLD	The Flock Code used in front of your individual sheep numbering system	Breed name :- TEXEL, LLEYN, DORSET	FLOCKBOOK NUMBER of Dam must exist in BASCO	FLOCKBOOK NUMBER of Sire must exist in BASCO
WHERE FIELD IS BLANK	For unknown leave blank	For unknown leave blank				For unknown put N/A	For unknown leave blank	For unknown leave blank	For unknown leave blank	For unknown leave blank		For unknown leave blank.		For Blank put "-"	For Blank put "-"

Continued....

	FIELD 16	FIELD 17	FIELD 18	FIELD 19	FIELD 20	FIELD 21	FIELD 22	FIELD 23	FIELD 24	FIELD 25	FIELD 26	FIELD 27
OFFICIAL BADUT FIELD NAME	EMBRYO TRANSPLANT	RECIPIENT DAM FLOCKBOOK NUMBER	CONSTITUENT_BREED_ONE	SIXTEENTHS OF BREED ONE	CONSTITUENT_BREED_TWO	SIXTEENTHS OF BREED TWO	CONSTITUENT_BREED_THREE	SIXTEENTHS OF BREED THREE	CONSTITUENT_BREED_FOUR	SIXTEENTHS OF BREED FOUR	FOSTER DETAILS	FOSTER EWE FLOCKBOOK NUMBER
FIELD	EMBRYO TRANSFER	IDENTITY OF RECIPIENT	BREED MAKEUP	16THS OF BREED	BREED MAKEUP	16THS OF BREED	BREED MAKEUP	16THS OF BREED	BREED MAKEUP	16THS OF BREED	FOSTERING	IDENTITY OF FOSTER
COMPULSORY FIELD?	YES	Not for Non-ET	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
NOTES	Y or N	FLOCKBOOK NUMBER of Recipient must exist in BASCO	Numeric breed code "see table" (or blank)	Number 1-16 (or blank)	Numeric breed code "see table" (or blank)	Number 1-16 (or blank)	Numeric breed code "see table" (or blank)	Number 1-16 (or blank)	Numeric breed code "see table" (or blank)	Number 1-16 (or blank)	U, A, Y, N U = Unknown foster ewe A = artificially reared N=No Y = known foster ewe (complete FIELD 27)	FLOCKBOOK NUMBER of foster ewe must be on BASCO
WHERE FIELD IS BLANK											For unknown put N	For unknown leave blank

Example file: Providing records for a pair of Lleyn lambs and their previously unrecorded parents

File specification for sending animal records to Signet electronically

	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7	FIELD 8	FIELD 9	FIELD 10	FIELD 11	FIELD 12	FIELD 13	FIELD 14	FIELD 15
OFFICIAL BADUT FIELD NAME	ELECTRONIC ID	UK NUMBER	FLOCKBOOK NUMBER	DATE OF BIRTH	SEX	BORN AS	FULL NAME	PREFIX	BIRTH WEIGHT	LAMBING EASE	STATUS	FLOCK CODE	BREED	GENETIC DAM FLOCKBOOK NUMBER	SIRE FLOCKBOOK NUMBER
1	8260123456 12345	UK 0 123456 12345	ABC:00001	01/01/ 2007	M	N/A	Stoneleigh Bob	Stoneleigh			SOLD	ABC	Lleyn	-	-
2	8260222333 00001	UK 0 222333 00001	DEF:09002	01/01/ 2008	F	1		Abbey	4	2	LIVE	DEF	Lleyn	DEF:08001	DEF:07022
3	8260222333 10034	UK 0 222333 10034	DEF:00034	02/02/ 2011	F	2		Abbey	5	1	LIVE	DEF	Lleyn	DEF:09002	ABC:00001
4	8260222333 10035	UK 0 222333 10035	DEF:00035	02/02/ 2011	M	2	Abbey Fred	Abbey	5	1	LIVE	DEF	Lleyn	DEF:09002	ABC:00001

Continued....

OFFICIAL BADUT FIELD NAME	FIELD 16 EMBRYO TRANSPLANT	FIELD 17 RECIPIENT DAM FLOCKBOOK NUMBER	FIELD 18 CONSTITUE NT_BREED_ ONE	FIELD 19 SIXTEENTH SOFBREED_ ONE	FIELD 20 CONSTITUEN T_BREED_T WO	FIELD 21 SIXTEENTH SOFBREED_ TWO	FIELD 22 CONSTITUE NT_BREED_ THREE	FIELD 23 SIXTEENTH SOFBREED_ THREE	FIELD 24 CONSTITUE NT_BREED_ FOUR	FIELD 25 SIXTEENTHS OFBREED_ F OUR	FIELD 26 FOSTER DETAILS	FIELD 27 FOSTER EWE FLOCKBOOK NUMBER
1	N		66	16								
2	N		66	16							A	
3	N		66	16								
4	N		66	16							Y	XYZ:00099

Note:

- Record 1 is listed as Sire (Field 14) of Records 3 and 4
- Record 2 is listed as Dam (Field 13) of Record 3 and 4

It is assumed that the Sire and Dam or Record 2 are on the Signet database, if not these also need to be supplied.

2. File specification for supplying lamb 8 week weights

Signet asks clients to weigh lambs between 6 and 12 weeks of age to achieve an adjusted 8 week weight.

Clients can now assign lambs to up to 9 different management groups (using values between 1 and 9) – where lambs have been reared under different conditions.

However – clients should not simply allocate lambs to different groups if they have been in different fields (but similar management) – as this splits the size of the contemporary groups being analysed and can reduce our ability to pick up true genetic variation amongst lambs that have been reared in different places, but under similar management.

	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6
OFFICIAL BADUT FIELD NAME FIELD	SHEEP ID	SEX	BREED	8 WEEK WEIGHT IN KG	8 WEEK WEIGH DATE	Management Group
	Flockbook Number held on BASCO	Sex	Breed Name	8 Week Weight	8 Week Weigh Date	Management Group
COMPULSORY FIELD? NOTES	Yes	Yes	YES		YES	Yes
		M, F or C	Breed name :- TEXEL, LLEYN, MEATLINC	Weight in kg. To nearest 1kg	Must be in format: DD/MM/YYYY or DDMMYYYY or DD-MM-YYYY	Each different management group should be assigned a value between 1 and 9
WHERE FIELD IS BLANK						Make "1" the default

3. File for completing annual census (to change the status of animals and to retag animals)

Signet enables clients to retag breeding stock – or to add UK numbers to animals already known with another ID in the Flockbook Number field.

This input can also be used to sell off large numbers of ewes that are no longer active in the flock . This is done by changing their status.

	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7	FIELD 8
OFFICIAL BADUT FIELD NAME	SHEEP ID	SEX	BREED	NEW ANIMAL STATUS	NEW FLOCKBOOKNUMBER	NEW UK MINISTRY TAG	NEW ELECTRONIC ID	NEW DISPOSAL REASON
FIELD	Flockbook Number held on BASCO	M, F or C	Breed Name	Status	New Flockbook Number	New UK Ministry Tag	New EID	New Reason for disposal
COMPULSORY FIELD? NOTES	Yes	Yes	Yes	No	No	No	No	No
			Breed name :- TEXEL, LLEYN, MEATLINC	“LIVE”, “DEAD” or “SOLD”	Combination of Flockbook Number, sex and date of birth cannot exist in Basco or be duplicated in file. Can be the same as the UK Tag. Must be between 5 and 17 characters	. UK Tag must be in format: UK 0 123456 12345 or UK 123456 12345 (older sheep) UK Tag cannot exist in database already or be duplicated in the file. Must be between 0 and 17 characters.	EID must be in format: 8260FFFFFFFAAAAA Where F = Flock number A = Animal number	Free form text
WHERE FIELD IS BLANK				Status will not be changed				

4. File for supplying shearling ewe weights

Signet asks clients to weigh shearling ewes prior to matting. This pre-tupping weight is used to calculate Mature Size EBVs.

Any shearling ewes that have already lambled should be placed into a separate management group to those that have not.

	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6
OFFICIAL BADUT FIELD NAME FIELD	SHEEP ID	SEX	BREED	MATURE WEIGH DATE	MATURE WEIGHT	Management Group
	Flockbook Number held on BASCO	M, F or C	Breed Name	Weigh Date	Shearling ewe weight	Management Group
COMPULSORY FIELD? NOTES	Yes	Yes	Yes	Yes	Yes	Yes
		Only Females are supposed to be weighed at present	Breed name :- TEXEL, LLEYN, MEATLINC	Must be in format: DD/MM/YYYY or DDMMYYYY or DD-MM-YYYY	Weight of sherling ewe pre-tupping Weight in kg. To nearest 1kg	Each different management group should be assigned a value between 1 and 9
WHERE FIELD IS BLANK						Make "1" the default