

Record Layout for BREEDPLAN EBV's supplied as ASCII DataFiles.

This file has a single header record as its first record:-

Field	Start-Position:Length	
File Type	[1:1]	"E"
Layout Version Number	[2:5]	nn.nn (see note 10)
Society Code	[7:7]	see table 1.0
Society Herd Ident/Member No.	[14:7]	
EBV Type	[21:1]	G=Group, I=Interim, H=Within-Herd
BREEDPLAN Analysis Date	[22:8]	Format YYYYMMDD
BREEDPLAN Analysis Version	[30:5]	nn.nn (eg "04.20")
BREEDPLAN Variance File	[35:10]	(eg. ANGS-94)
BreedObject label - Index 1	[45:32]	see Note 12 (v4.2 only)
BreedObject label - Index 2	[77:32]	see Note 12 (v4.2 only)
BreedObject label - Index 3	[109:32]	see Note 12 (v4.2 only)
BreedObject label - Index 4	[141:32]	see Note 12 (v4.2 only)
BreedObject label - Index 5	[173:32]	see Note 12 (v4.2 only)
BreedObject label - Index 6	[205:32]	see Note 12 (v4.2 only)

Followed by records for each animal:-

Field	Start-Position:Length	
Animal Ident.	[1:19]	(see note 2)
Calving Year	[20:2]	(2 digits only, 1998 = 98 , 2001 = 01)
Sex	[22:1]	M, F or S.
Animal Status	[23:1]	(see note 8)
Registration Status	[24:1]	(see note 9)
Currently Owned by Herd	[25:1]	(see note 7)
Additional Ident.	[26:19]	(see note 5)
Report Flag	[45:1]	(see note 1)
Across-Herd Flag	[46:1]	(see note 6)
Birth Weight EBV	[47:5]	
200-Day Milk EBV	[52:4]	
200-Day Growth EBV	[56:4]	
400-Day Weight EBV	[60:4]	
600-Day Weight EBV	[64:4]	
900-Day Weight EBV	[68:4]	(always blank for V4)
Maternal Value EBV	[72:4]	
Birth Weight - Maternal EBV	[76:5]	
Gestation-Length EBV	[81:5]	
Scrotal Size EBV	[86:5]	
Days-to-Calving EBV	[91:5]	
Rib Fat EBV	[96:5]	(always blank for V4)
Rump Fat EBV	[101:5]	(always blank for V4)
Eye-Muscle Area EBV	[106:5]	(always blank for V4)
ETMY EBV	[111:5]	(always blank for V4)
EMY% EBV	[116:5]	(always blank for V4)
Calving Ease - Direct EBV	[121:5]	
Calving Ease - Maternal EBV	[126:5]	
Birth Weight ACC	[131:2]	
200-Day Milk ACC	[133:2]	
200-Day Growth ACC	[135:2]	
400-Day Weight ACC	[137:2]	
600-Day Weight ACC	[139:2]	

900-Day Weight ACC	[141:2]	(always blank for V4)
Maternal Value ACC	[143:2]	
Birth Weight - Maternal ACC	[145:2]	
Gestation-Length ACC	[147:2]	
Scrotal Size ACC	[149:2]	
Days-to-Calving ACC	[151:2]	
Rib Fat ACC	[153:2]	(always blank for V4)
Rump Fat ACC	[155:2]	(always blank for V4)
Eye-Muscle Area ACC	[157:2]	(always blank for V4)
ETMY ACC	[159:2]	(always blank for V4)
EMY% ACC	[161:2]	(always blank for V4)
Calving Ease - Direct ACC	[163:2]	
Calving Ease - Maternal ACC	[165:2]	
Calving Year	[167:4]	(4-digits. eg. 2001)
Mature Cow Weight EBV	[171:4]	(V4 only)
Carcase Weight EBV	[175:4]	(V4 only)
Carcase Rib Fat EBV	[179:5]	(V4 only)
Carcase Rump Fat EBV	[184:5]	(V4 only)
Carcase EMA EBV	[189:5]	(V4 only)
Carcase Retail Beef Yield EBV	[194:5]	(V4 only)
Carcase Intramuscular Fat EBV	[199:5]	(V4 only)
Carcase Tenderness EBV	[204:5]	(not yet available)
Net Feed Efficiency EBV	[209:5]	(not yet available)
Mature Cow Weight ACC	[214:2]	(V4 only)
Carcase Weight ACC	[216:2]	(V4 only)
Carcase Rib Fat ACC	[218:2]	(V4 only)
Carcase Rump Fat ACC	[220:2]	(V4 only)
Carcase EMA ACC	[222:2]	(V4 only)
Carcase Retail Beef Yield ACC	[224:2]	(V4 only)
Carcase Intramuscular Fat ACC	[226:2]	(V4 only)
Carcase Tenderness ACC	[228:2]	(not yet available)
Net Feed Efficiency ACC	[230:2]	(not yet available)
Reserved Fields for North American ratios [232:15]		
Docility EBV	[247:4]	(v4.2 only)
Docility ACC	[251:2]	(v4.2 only)
Net Feed Intake EBV	[253:5]	(v4.2 only) see note 3
Net Feed Intake ACC	[258:2]	(v4.2 only)
BreedObject Index 1	[260:4]	(v4.2 only) see note 12.
BreedObject Index 2	[264:4]	(v4.2 only) see note 12.
BreedObject Index 3	[268:4]	(v4.2 only) see note 12.
BreedObject Index 4	[272:4]	(v4.2 only) see note 12.
BreedObject Index 5	[276:4]	(v4.2 only) see note 12.
BreedObject Index 6	[280:4]	(v4.2 only) see note 12.

Notes.

1) Report Flag. Indicates in which 'sex category' the animal has been analysed. Values are:-

A = Sire
 C = Dam
 B = Bull Calf (non-parent)
 H = Heifer Calf (non-parent)
 S = Steer Calf (non-parent)

2) Animal Ident. The structure of the 19 character animal identity is society specific. eg. Australian Angus = 3 character Herd followed by 16

character animal 'tattoo'.

3) EBV format. All EBV's are right justified within the field and contain leading + and - signs where appropriate. Where an EBV is not available for a trait it is reported as SPACES.

EBV's that are four characters in length contain WHOLE NUMBERS (eg. " +27" or " -3").

Five character EBV's contain ONE DECIMAL PLACE (eg. "+11.3" or "-0.9") with the exception of Net Feed Intake which has two decimal places (eg +0.14).

4) Accuracy format. All accuracies are represented as a two digit numeric value between 01 and 99. Where an EBV is not available for a trait, its accuracy is reported as SPACES.

5) Additional Ident. Breed societies whose 'primary' animal identification is a herdbook number, will provide this additional ident. in the form of a breeder/member identification plus an animal tattoo.

6) Across-Herd Animal Flag. Applicable to Group and Interim files only. This field will contain an 'X' where the animal is considered an across-herd animal. Such animal's EBV's remain fixed from one Group analysis until the next Group analysis.

7) Ownership Flag. This field will contain an 'Y' where the animal is currently in the ownership of the herd reported on the header record.

8) Animal Status. Current value of Animal-Status. The values used here are society specific. See Table 2.0

9) Registration Status. Current value of Registration-Status. The values used here are society specific. See Table 3.0

10) Layout Version Number in the header record will be used to indicate release versions of the layouts. It will be a two digit number, followed by a period, followed by another two digit number (eg. 02.14). Ample forward notice will still be given regarding changes to the file layouts. This mechanism will enable PC importing software to potentially handle different layouts at any particular time (particularly during the period immediately prior and following the release of a new layout). The initial Layout Version Number for "BREEDPLAN Version 4.2" will be "04.20".

11) Where comments indicate "V4", this means BREEDPLAN Version 4.1 and later versions. Where comments indicate "v4.2", this means version v4.2 and later.

12) Up to six BreedObject indexes have been allowed for in the file. Each index has a label in the header record and a \$ value in the data. Not all animals will have all indexes. The Breed Societies decide which BreedObject Indexes are calculated and what the names of these indexes are. Therefore, it is possible that the name (or existence) of an index may change from one extract to the next. There are no accuracies reported with the indexes.

Record Layout for BREEDPLAN GENETIC TRENDS on Diskette.

This file has single header record as its first record:-

Field	Start-Position:Length
File Type	[1:1] "G"
Layout Version Number	[2:5] "nn.nn" (see EBV note 10)
Society Code	[7:7] see table 1.0
Society Herd Ident/Member No.	[14:7] Group Overall-Breed Trends = SPACES
EBV Type	[21:1] G=Group, I=Interim, H=Within-Herd
BREEDPLAN Analysis Date	[22:8] Format YYYYMMDD

Followed by a series of records:-

Field	Start-Position:Length
Sex	[1:1] 'V' for Calves , 'D' for Dams
Trend Year	[2:4]
No. of Animals	[6:6] whole number only, right-justified
Birth Weight TREND	[12:6]
200-Day Milk TREND	[18:6]
200-Day Growth TREND	[24:6]
400-Day Weight TREND	[30:6]
600-Day Weight TREND	[36:6]
900-Day Weight TREND	[42:6] (always blank for V4)
Maternal Value TREND	[48:6]
Birth Weight - Maternal TREND	[54:6]
Gestation-Length TREND	[60:6]
Scrotal Size TREND	[66:6]
Days-to-Calving TREND	[72:6]
Rib Fat TREND	[78:6] (always blank for V4)
Rump Fat TREND	[84:6] (always blank for V4)
Eye-Muscle Area TREND	[90:6] (always blank for V4)
ETMY TREND	[96:6] (always blank for V4)
EMY% TREND	[102:6] (always blank for V4)
Calving Ease - Direct TREND	[108:6]
Calving Ease - Maternal TREND	[114:6]
Mature Cow Weight TREND	[120:6] (V4 only)
Carcase Weight TREND	[126:6] (V4 only)
Carcase Rib Fat TREND	[132:6] (V4 only)
Carcase Rump Fat TREND	[138:6] (V4 only)
Carcase EMA TREND	[144:6] (V4 only)
Carcase Retail Beef Yield TREND	[150:6] (V4 only)
Carcase Intramuscular Fat TREND	[156:6] (V4 only)
Carcase Tenderness TREND	[162:6] (not yet available)
Net Feed Intake TREND	[168:6] (V4.2 only)
Docity TREND	[174:6] (V4.2 only)

NOTE:- TREND format. All TREND values are right justified within the field and contain leading + and - signs where appropriate together with a single decimal place (except for NFI which has 2 decimal places). Where a TREND is not available for a trait it is reported as SPACES.

Records will be sorted on TREND-YEAR within SEX. (ie. all the 'D' records will precede the 'V' records).

Record Layout for BREEDPLAN PHENOTYPIC (ENVIRONMENTAL) TRENDS on Diskette.

This file has single header record as its first record:-

Field	Start-Position:Length
File Type	[1:1] "P"
Layout Version Number	[2:5] "nn.nn" (see EBV note 10)
Society Code	[7:7] see table 1.0
Society Herd Ident/Member No.	[14:7]
EBV Type	[21:1] G=Group, I=Interim, H=Within-Herd
BREEDPLAN Analysis Date	[22:8] Format YYYYMMDD

Followed by a series of records:-

Field	Start-Position:Length
Trend Year	[1:4]
Sex	[5:1] M , F or S
Birth Weight TREND	[6:6]
200-Day Growth TREND	[12:6]
400-Day Weight TREND	[18:6]
600-Day Weight TREND	[24:6]
900-Day Weight TREND	[30:6] (always blank for V4)
Gestation-Length TREND	[36:6]
Scrotal Size TREND	[42:6]
Days-to-Calving TREND	[48:6]
Scan Rib Fat TREND	[54:6]
Scan IMF% TREND	[60:6]
Scan Eye-Muscle Area TREND	[66:6]
Birth Weight NO. ANIMS.	[72:6]
200-Day Growth NO. ANIMS.	[78:6]
400-Day Weight NO. ANIMS.	[84:6]
600-Day Weight NO. ANIMS.	[90:6]
900-Day Weight NO. ANIMS.	[96:6] (always blank for V4)
Gestation-Length NO. ANIMS.	[102:6]
Scrotal Size NO. ANIMS.	[108:6]
Days-to-Calving NO. ANIMS.	[114:6]
Scan Rib Fat NO. ANIMS.	[120:6]
Scan IMF% NO. ANIMS.	[126:6]
Scan EMA NO. ANIMS.	[132:6]
Mature Cow Weight TREND	[138:6]
Carcase Weight TREND	[144:6]
Carcase Rib Fat TREND	[150:6]
Carcase Rump Fat TREND	[156:6]
Carcase EMA TREND	[162:6]
Carcase Retail Beef Yield TREND	[168:6]
Carcase Intramuscular Fat TREND	[174:6]
Carcase Tenderness TREND	[180:6] (not yet available)
Net Feed Intake TREND	[186:6] (v4.2 only)
Mature Cow Weight NO. ANIMS.	[192:6]
Carcase Weight NO. ANIMS.	[198:6]
Carcase Rib Fat NO. ANIMS.	[204:6]
Carcase Rump Fat NO. ANIMS.	[210:6]
Carcase EMA NO. ANIMS.	[216:6]
Carcase Retail Beef Yield NO. ANIMS.	[222:6]

Carcase Intramuscular Fat NO. ANIMS. [228:6]
Carcase Tenderness NO. ANIMS. [234:6] (not yet available)
Net Feed Intake NO. ANIMS. [240:6] (v4.2 only)

NOTE:- TREND format. All TREND values are right justified within the field and contain a single decimal place (except for NFI which contains 2 dec places). Where an TREND is not available for a trait it is reported as SPACES.

NO. ANIMS. format. All NO. ANIMS. values are right justified within the field and contain whole numbers only.

Records will be sorted on SEX within TREND-YEAR (ie. all the '1995' records will come together, 'F' first, then 'M' , then 'S').

There will be no overall breed file available for environmental trends.

Phenotypic trends are not available for Calving Ease and Docility.

Record Layout for Breed Association Inventory DataFile

This file has single header record as its first record:-

Field	Start-Position:Length	
File Type	[1:1]	"I"
Layout Version Number	[2:5]	nn.nn (see note 10)
Society Code	[7:7]	see table 1.0
Society Herd Ident/Member No.	[14:7]	
Spare Field	[21:1]	<blank>
Inventory Run Date	[22:8]	Format YYYYMMDD

Followed by one record for each animal:-

Field	Start-Position:Length	
Animal Ident.	[1:19]	(see EBV note 2)
Additional ident.	[20:19]	(see EBV note 5)
Calving Year	[39:2]	(2 digits only, 1998 = 98 , 2001 = 01)
Sex	[41:1]	
Inventory Category	[42:1]	(society specific values)
Calving Year	[43:4]	(4 digits, eg. 1998 , 2001 etc)

General Notes.

All data is ASCII characters. Each record terminated by carriage-return and line-feed. Records will vary in length, up to and including the last non-space character (ie. trailing spaces will NOT pad out records to their max. length).

Where datafiles are supplied on diskettes, such diskettes will be DOS Formatted 3.5" diskettes, HIGH density (1.44Mb capacity).

DOS filenames on diskettes are:-

Inventory File	INVENT.DAT
File Type "E" (EBV Files)	GROUPEBV.DAT or HERDEBV.DAT or INTRMEBV.DAT depending on the analysis type.
File Type "G" (Genetic Trends)	HERDGTRN.DAT (indiv. Herd) or BREEGTRN.DAT (overall Breed)
File Type "P" (Phenotypic Trends)	HERDPTRN.DAT (only indiv. herd files produced)

These layouts are appropriate for ALL breed societies and for NBRS.

The new layouts become effective December 2001. These files will be output as header Layout Version Number "04.20".

Table 1.0 Society Codes for EBV and Inventory Files.

BP	National Beef Recording Scheme (NBRS)
BPES	Beef Performance Evaluation System
ABBA	Brahman
ABS	Braford
ADA	Dexter
AHS	Hereford
ANGS	Angus
APHS	Poll Hereford
ARPS	Red Poll
ASBA	Simmental
BDAQ	Blonde d'Aquitaine
BELG	Belgian Blue
BORA	Boran
BR	Belmont Red
BSSA	Beef Shorthorn
CHAR	Charolais
CHIA	Chianina
DEVN	Devon
DSBS	Droughtmaster
GCSA	Galloway
GELB	Gelbvieh
LIMO	Limousin
LOWL	Lowline
MA	Maine Anjou
MG	Murray Grey
OSBA	Braunvieh
PIED	Piedmontese
QBRA	Brangus
RANG	Red Angus
RBS	Romagnola

SALR	Salers
SANTA	Santa Gertrudis
SDEV	South Devon
SSA	Shorthorn
TULI	Tuli
WAGY	Wagyu

New Zealand Societies

NZAA	Angus
NZHA	Hereford
NZLM	Limousin
NZMA	Maine Anjou
NZMG	Murray Grey
NSAL	Salers
NZSD	South Devon
NZSH	Shorthorn
NZSM	Simmental

Table 2.0 Animal Status Codes for EBV Files.

A	Active
I	Inactive
D	Dead
X	Overseas
E	Exported
C	Culled

Note: Not all codes are used by all societies.

Table 3.0 Registration Status Codes for EBV Files.

Society		Code	
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ABBA	R	Registered	
	C	Calf-Recorded	
	M	Commercial	
	blank	Ancestral Record	
AHS,APHS	Y	Registered	
	C	Commercial	
	X	Recipient Dam	
ANGS	A	APR	
	C	ACR	
	N	Unregistered	
	H	HBR (Herdbook)	
	R	RAR	
	P	PTR	
	X	Recipient Dam	
	Y	Base APR	
	Z	Base ACR	
V	Base RAR		
ANGS	R	Registered	
	A	APR	
	C	Commercial	
	X	Recipient Dam	
	Y	Base APR	

ASBA, BDAQ,	R	Registered
SALR, LIMO,	U	Unregistered
CHAR, SDEV,	D	Deferred
OSBA, GELB	C	Commercial
	X	Recipient Dam
MG	R	Registered
	N	Notified
	D	Deregistered
	E	Eligible
	L	Ineligible
	P	Pending
	M	MGPR
	X	MGCR
SANTA	R	Registered
	C	Commercial
	blank	Calf-Recorded
ARPS	R	Registered
	U	Unregistered
QBRA	R	Registered
	C	Calf Recorded
SSA, DEVN,	R	Registered
NSAL	D	Unregistered
	X	Recipient Dam
LOWL, TULI,	R	Registered
BORA, BR,	N	Unregistered
WAGY,	D	Deferred
	C	Commercial
	P	Performance
	X	Recipient Dam
DSBS	R	Registered
	C	Deferred
	Z	Foundation
	X	Recipient Dam
	P	Performance
NZAA	R	Registered
	C	Commercial
	U	Unregistered
	P	PRAC Animal
	X	Recipient Dam
NZHA, NZLM,	R	Registered
NZMG, NZSD,	C	Commercial
NZSH, NZSM	N	Unregistered
	X	Recipient Dam