

Pedigree Master



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October 2015

Pedigree Master

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Setup Screen

Default Breed and Flock code

Used by program to determine displayed stud name and text in autobuilds

Function Key assignments

text that is autotyped in edit fields when the corresponding function is pressed
(can edit to anything you want at any time)

Date format

Select your favourite flavour

RFID reader options

Port No .. ie **1** to **99**

Mode .. port communications settings ie **9600,n,8,1**

Read .. this is sent to the reader requesting the reader to return last read

RFID this is normally the lower case letter **r**

Pedigree Master ..

Setup

Version 1.38 - 26 Nov 2013

Breed & Flock code for program to use

01 9999

Auto typing text

F5 26112013

F6 019999199696

F7 019999199797

F8 019999199898

Date Format

DD/MM/YYYY

MM/DD/YYYY

YYYY/MM/DD

Communications Port Information

RFID reader setup

Port No 1

Mode

Read

View Port details Test read

Save & Close

Pedigree Display

Display Screen

The screenshot shows the PedigreeMaster software interface. At the top, the title bar reads "PedigreeMaster..". The main area displays a pedigree tree with three animals: a central blue box labeled "0199991995950006", a red box above it labeled "0199991992920099", and a green box below it labeled "0199991992920001". To the left of the tree are fields for "Sex" (set to 2), "Date of Birth" (23/04/1995), "Group" (1 Stud), and a "Comment" text area. To the right of the tree are buttons for "Previous", "Next", "Browse", and "Pedigree", along with a "Filter is off" button and a "Flagged" checkbox. Below these are tabs for "Breeding", "Carcase", "Wool", "Reproduction", "Mics", "EBVs", and "Visuals". Under the "Breeding" tab, there are buttons for "Change Group", "Add new animal", and "Delete animal", along with "Change / Edit Sire" and "Change / Edit Dam" buttons. A "Nickname" field contains "950006". A "Status" dropdown menu is open, showing options: Current, Sold, Culled, Reference, Dead, Missing, Active, Unknown, and *. Below the status menu are fields for "Birth Type", "Rear Type", "Lambease", "Conception Date", "Conception Method", "Foster Ewe", "Testicles", "Jaw", and "Recip ID". On the right side, there is a list of "Animal ID" numbers, with "0199991995950006" highlighted. A "Close" button is at the bottom right.

Filter Button .. 3 way filter (Left, Right and Centre mouse click)

colour and tooltip changes with filter type

Filtering works on the text enter in the edit field to the left of the filter button.

Previous Button .. 3 way skip in records (Left = Previous, Right = 10th Previous, Middle = 30th previous)

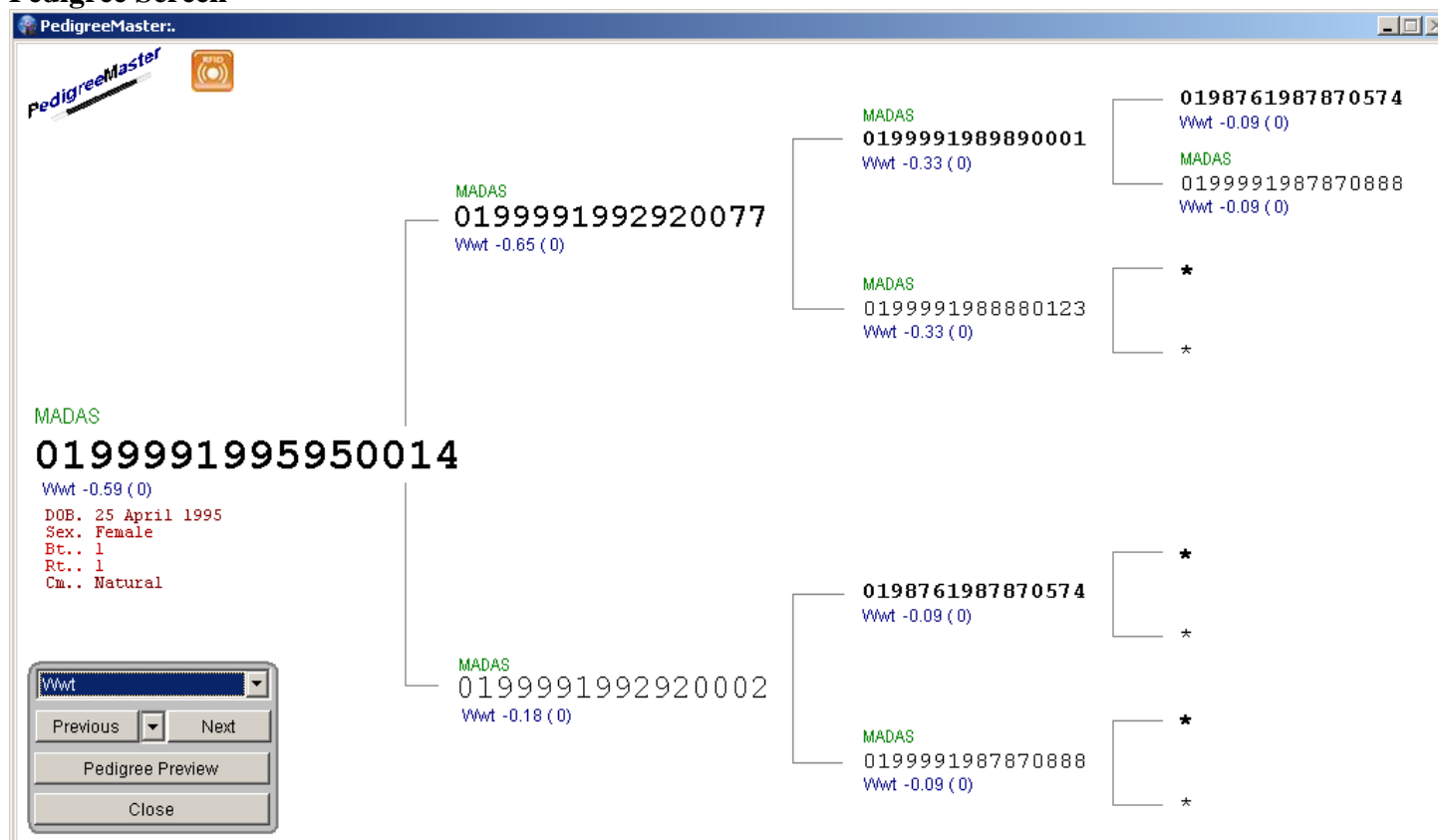
Next Button .. 3 way skip in records (Left = Next, Right = 10th Next, Middle = 30th Next)

Browse Button .. 2 way browse screen (Left = most common fields, Right = All fields)

Animal List/Grid .. scroll sideways to display nickname and animal status info.

Pedigree .. display pedigree tree for selected animal

Pedigree Screen



Previous Button .. 3 way skip in records (Left = Previous, Right = 10th Previous, Middle = 30th previous)

Next Button .. 3 way skip in records (Left = Next, Right = 10th Next, Middle = 30th Next)

Pedigree Preview Button .. preview pedigree printout. Left Click = 16 digit IDs .. Right Click = 6 Digit IDs

Clicking on an animal in the pedigree display screen will open an information window like below.

0199991989890001

0199991992920077

0199991988880123

DOB23/10/1992

Sex1

Bt2

Rt1

Comment

Nickname920077

AnalysisDemo

10/05/1997

Wts

Fat

Emd

Wec

Scrotal

B

W

P

Y

H

-0.05

-0.65

0.00

-1.15

-1.01

0.00

1.74

0.00

0.00

0.61

0.00

0.00

0.00

0.00

0.00

0.00

0.00

NLB

NLW

-0.018

-0.013

FD

Gfw

Cfw

SS

SL

FDCV

Curv

0.00

-0.04

0.00

0.00

0.00

0.00

0.00

Show Pedigree records

Progeny Breeding Values

Close

Carcase+

0.00

DP+

0.00

SRC

92.55

MP+

0.00

Maternal\$

95.97

FP+

0.00

Lamb2020

91.28

Unknown

0.00

Animal Comment and Nickname fields are editable on this screen.

Show Pedigree records .. displays a report like below (ie all on farm records relating to the selected animal)

Print Preview .. Escape Key to close preview window

Listing for ... 019999 1992 920077 Tuesday, 9 September 2014

Id	Dob	Sex	Sire	Dam	Bt/Rt	CM	Status	Comment
0199991992920077	23/10/1992	1	0199991989890001	0199991988880123	2/1	1	Reference	
0199991995950002	22/04/1995	2	0199991992920077	0199991992920153	1/1	3	Missing	TAKENBY FOX OCT 95
0199991995950005	22/04/1995	1	0199991992920077	0199991992920009	1/1	1	Unknown	HIGH FAT EBV2.9 BBQ ??
0199991995950007	26/04/1995	1	0199991992920077	0199991992920007	2/2	1	Culled	
0199991995950009	26/04/1995	1	0199991992920077	0199991992920007	2/2	1	Current	
0199991995950012	27/04/1995	2	0199991992920077	0199991992920013	1/1	1	Current	shanks
0199991995950013	21/04/1995	1	0199991992920077	0199991992920013	1/1	1	Current	First place @ The Royal .. Show and Tell
0199991995950014	25/04/1995	2	0199991992920077	0199991992920002	1/1	1	Current	
0199991995950017	23/04/1995	1	0199991992920077	0199991992920033	1/0	1	Dead	
0199991995950018	21/04/1995	2	0199991992920077	0199991992920005	1/1	1	Culled	
0199991995950019	24/04/1995	1	0199991992920077	0199991992920043	1/1	1	Culled	

Page 1

Progeny Breeding Values .. displays a report like below (ie normal results type report .. but limited to the progeny of selected animal .. like a common sire)

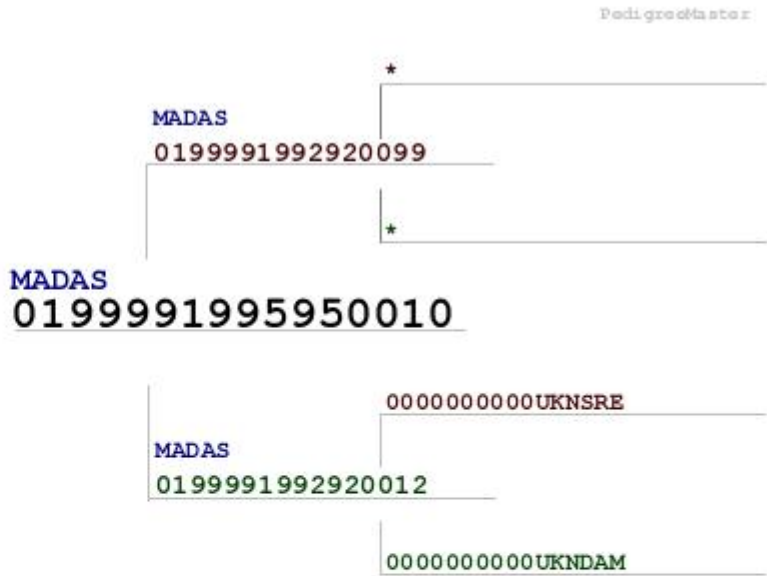
Print Preview .. Escape Key to close preview window

EBV Report .. Tuesday, 9 September 2014

Animal ID	Sex	Bwt	Wwt	PWwt	Ywt	Pfat	Pemd	Pwec	NLW%	Lamb2020	Carcase+	Sire	Dam
0199991995950002	F	-0.0	-0.7	0.0	-1.1	0.0	0.0	0.0	-1.0	92.55		0199991992920077	0199991992920153
0199991995950005	M	-0.0	-0.9	0.0	0.0	0.0	0.0	0.0	3.0	94.51		0199991992920077	0199991992920009
0199991995950007	M	0.0	0.7	0.0	-0.3	0.0	0.0	0.0	-2.7	91.34		0199991992920077	0199991992920007
0199991995950009	M	0.0	1.3	0.0	1.4	0.0	0.0	0.0	0.0	96.88		0199991992920077	0199991992920007
0199991995950012	F	0.0	1.3	0.0	1.8	0.0	0.0	0.0	1.2	107.76		0199991992920077	0199991992920013
0199991995950013	M	-0.0	-0.3	0.0	-1.5	0.0	0.0	0.0	-3.0	92.49		0199991992920077	0199991992920013
0199991995950014	F	-0.1	-0.5	0.0	-1.6	0.0	0.0	0.0	-2.4	92.15		0199991992920077	0199991992920002
0199991995950017	M	-0.0	-0.3	0.0	-0.5	0.0	0.0	0.0	-0.6	95.64		0199991992920077	0199991992920033
0199991995950018	F	-0.0	-1.7	0.0	-2.3	0.0	0.0	0.0	-1.7	85.79		0199991992920077	0199991992920005
0199991995950019	M	-0.1	-1.8	0.0	-2.2	0.0	0.0	0.0	-1.5	95.65		0199991992920077	0199991992920043

Page 1 Pedigree Master

Sample Pedigree Print with Animal Image/Photo included



MADAS 95-0010

PedigreeMaster

Female	Dob:26 April 1995	Birth type:1	Rear type:1							
Bwt	Wwt	Pwwt	Pfat	Pemd	Pwec	NLW%	LAMB2020	CARCASE+	SRC	
-0.10	0.0	0.0	0.0	0.0	0.0	0.3	102.6	0.0	101.6	
Analysis ..										
10 May 1997										

Friday, 19 June 2015

ESCAPE key on the keyboard .. can be used to close reports and most windows/forms

Add & Change screen

Pedigree Master

Edit AutoBuild.txt Edit date 1 Edit date 2 Limit data inputs by age or stage function key assignments

0199992013 11/02/2013 17/05/2013 None ☒ Show Wool and Fleece data entry fields

Animal Ident Sex Conception Pedigree method

Method Date Nickname

Status

Group Comment Save Record

	Date	Weight	cFat	Ernd	SC	WEC		Fleece Date	Gfw	Cfw	FD	FDcv	Yield	Fct	FDsd	SL	SS	Curv
Birth	///						Group											
Weaning	///																	
EP Weaning	///																	
P Weaning	///																	
Yearling	///																	
Hogget	///																	
Adult	///																	
Adult 3	///																	
Adult 4	///																	
Adult 5	///																	

Save Record Discard changes Exit .. no save

AutoBuild text .. is used for the animal IDENT, plus the SIRE and DAM tag numbers.

Animal ID autobuild (ie autobuild = 0199992013)

animal entered as 23 is autobuilt to 0199992013130023

animal entered as DRY023 is autobuilt to 0199992013DRY023

animal entered as ABC123 is autobuilt to 0199992013ABC123

Sire ID autobuild (ie autobuild = 0199992013)

animal entered as 090023 is autobuilt to 0199992009090023

animals enter as 09XYZ123 .. is autobuilt to 0199992009XYZ123

animals enter as FRED .. is autobuilt from sire file if FRED is found in sire_ref column in the sires database

Dam ID autobuild (ie autobuild = 0199992013)

animal entered as 090123 is autobuilt to 0199992009090123

animals enter as 09ABC123 .. is autobuilt to 0199992009ABC123

Sire and Dam sex is checked on entry.

Predefine dates

can be used to drag and drop on any date field ..

right click on date fields .. is supported and selectable from date options.

Limit data inputs

can be used to limit the data entry fields. (ie hide what is not required)

Show Wool data fields

can be used to limit the data entry fields (ie hide what is not required)

Function key assignments

can be used to auto type / populate data entry (can be set for date or animal ID prefixes)

Adding Sires

The first drop list .. lists males in database listed as status = Current

The second drop list .. lists animals from the sire database.

Sire can also be entered using the Sire_Ref field from the Sires database ..

ie (is sire 1640001993930411 has a sire_ref as FRED in the sires table/database.. entering the sire as FRED or fred will populate the sire entry field with 1640001993930411)

Adding Dams

The first drop list .. lists females in database listed as status = Current

Adding Dates

the predefine date fields can be use to populate any date field on the form by 2 methods.. Drag and Drop or right click in the date field.

Nickname .. will be auto filled and can be edited as/if required ..

Discard changes.. resets form without saving information.

Save record .. saves record .. then resets form for next animals information

Exit .. no save .. close form .. without saving current record..

Importing data

go to

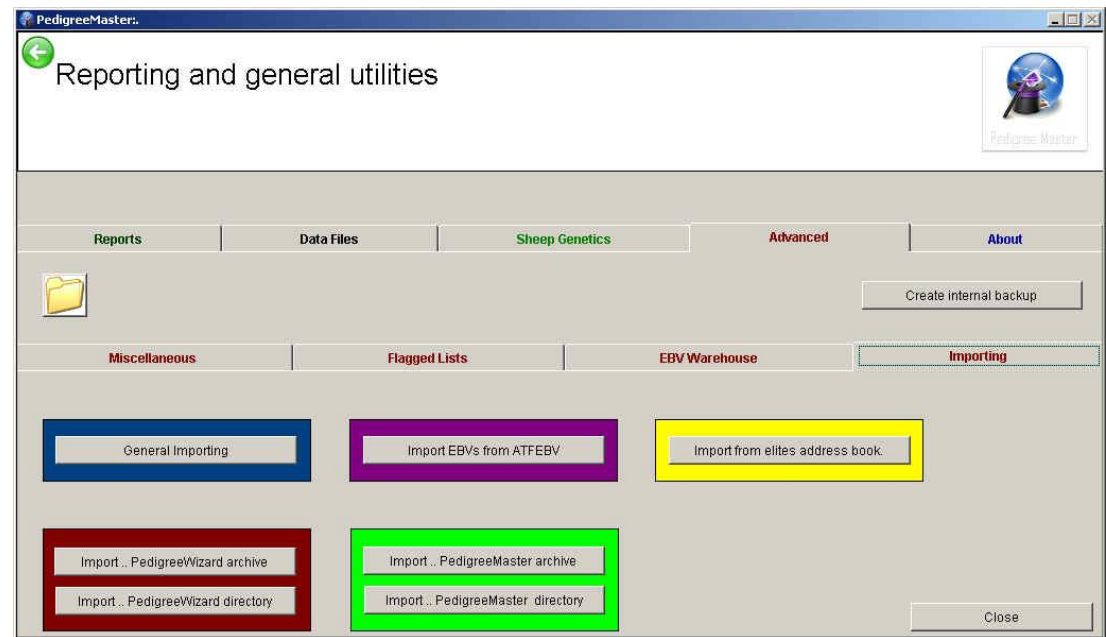
-> "Reporting and Utilities"

-> "Advanced" tab

-> "Importing" tab

PedigreeMaster can import data from

- CSV, text and XLS files
- PedigreeWizard directory or PedigreeWizard Archive
- PedigreeMaster directory or PedigreeMaster Archive



WARNING .. Restoring from PedigreeWizard or PedigreeMaster

will remove/trash/overwrite all data in the current copy of Pedigree Master and replace with a copy from the database you select to restore from.

If Pedigree Wizard is running on another computer ..

best to copy the PW directory to a USB drive and then import from PedigreeWizard from the USB drive on the computer running Pedigree Master using the import from Pedigree Wizard directory.

Pedigree Master - Import data from spreadsheets (Main Database)

To import data from a txt, csv or xls file go to 'Reports and Utilities', 'Advanced' and 'Importing'. Click on 'General Importing'

Common Templates

Add new lambs (column headers)

ID	SIRE	DAM	DOB	SEX	BT	RT	BWT	CM	CMDDMM	LAMBEASE	E_ID	GRP
----	------	-----	-----	-----	----	----	-----	----	--------	----------	------	-----

Add weaning weights (column headers)

ID	WDDMM	WWT	WGRP	
----	-------	-----	------	--

Add scan data, SC and WEC at Early Post Weaning (column headers)

ID	EPDDMM	EPWT	EPCF	EPEMD	EPSC	EPFEC	EPGRP	
----	--------	------	------	-------	------	-------	-------	--

Common Column headers (Full list of column headers in Pedigree Master in 'Reports and Utilities', 'Data Files' - 'Main Database')

Column header	Description	Format
ID	Animal ID	Either 16 digit ID or management number (ID or EID must be in the first column in the spreadsheet)
E_ID	Electronic ID	letters and numbers
SIRE	Sire	16 digit ID
DAM	Dam	16 digit ID
DOB	Date of birth	dd/mm/yyyy
SEX	Sex	1 = male or 2 = female
BT	Birth type	1 = single, 2 = twin, 3 = triplet, 4 = quad, 5 = quin
RT	Rearing type	1 = single, 2 = twin, 3 = triplet, 4 = quad, 5 = quin
GRP	Birth Group	letters and numbers
LAMBEASE	Lambing ease	0 = Unobserved, 1 = No assistance, 2 = Some assistance, 3 = Hard assistance, 4 = Abnormal presentation, 5 = Other

CM	Conception method	1 = Natural, 2 = ET, 3 = AI, 4 = Jivet, 5 = Moet, 6 = Yard (blank is unknown)
CMDDMM	Conception date	dd/mm/yyyy
RECIP_ID	Recipient dam ID	16 digit ID
WDDMM	Weaning date	dd/mm/yyyy
WWT	Weaning weight	Kg
WCF	Weaning fat	mm
WEMD	Weaning EMD	mm
WFEC	Weaning WEC	number
WDAG	Weaning dag score	1 = Very clean, 2 = Clean, 3 = Average, 4 = Dirty, 5 = Very dirty
WGRP	Weaning Sub Group	1,2,3,4,5,6,7,8,9
EPDDMM	Early post weaning date	dd/mm/yyyy
EPWT	Early post weaning weight	Kg
EPCF	Early post weaning fat	mm
EPEMD	Early post weaning EMD	mm
EPSC	Early post weaning scrotal circumference	cm
EPFEC	Early post weaning WEC	number
EPGRP	Early Post weaning Sub Group	1,2,3,4,5,6,7,8,9
PWDDMM	Post weaning date	dd/mm/yyyy
PWWT	Post weaning weight	Kg
PWCF	Post weaning fat	mm
PEMD	Post weaning EMD	mm
PWSC	Post weaning scrotal circumference	cm
PWFEC	Post weaning WEC	number
PDAG	Post weaning dag score	1 = Very clean, 2 = Clean, 3 = Average, 4 = Dirty, 5 = Very dirty
PGRP	Post weaning Sub Group	1,2,3,4,5,6,7,8,9
YDDMM	Yearling date	dd/mm/yyyy
YWT	Yearling weight	Kg
YCF	Yearling fat	mm
YEMD	Yearling EMD	mm

YSC	Yearling Scrotal Circumference	cm			
YFEC	Yearling WEC	number			
YDAG	Yearling Dag Score	1 = Very clean, 2 = Clean, 3 = Average, 4 = Dirty, 5 = Very dirty			
YGRP	Yearling Sub Group	1,2,3,4,5,6,7,8,9			
For Hogget information - "H" in front of the trait, for Adult information - "A" in front of the trait					

Import Data – Mating Database

Pedigree Master - Mating Module Field name and descriptions

To import from a txt, csv or xls file go to 'Reports and Utilities', 'Advanced' and 'Importing'. Click on 'General Importing - Mating database' ("Mate_ewe" must be in the first column, must also included "Mate_date")

Column Header Name	Field description and format
B_sire	Backup sire 16 digit ID
B_Sire_cm	Backup sire conception method (as for Mate_cm)
B_sire_in	Date backup sire went in with this ewe (dd/mm/yyyy)
B_Sire_out	Date backup sire taken out from this ewe (dd/mm/yyyy)
Birth_grp	ID number of the management group the ewes lambed in (check your groups listed in Pedigree Master)
Bt	Birth type 1 = single, 2 = twin, 3 = triplet, 4 = quad, 5 = quin
Bwt	Birth weight (kg)
DOB	Date of birth (dd/mm/yyyy)
Ewe_cs	Ewe condition score 1 to 5 in 0.25 increments
Ewe_temp	Temperament score 1 to 5 (1 = best, 5 = worst)
Ewe_wt	Body weight (kg) of ewe at joining
Fate	Live = Lamb born live, Dead = ewe lambed successfully but lamb DAB, Sold = ewe sold between scanning and lambing, Fatality = ewe died after scanning or at lambing, Dry = Ewe dry at date entered in Fate_date

Fate_date	Date the fate occurred
Gen_sire	Sire or Backup - Actual genetic sire of the lamb (will default to sire if left blank)
Lamb	16 digit ID of the lamb
Lambease	0 = Unobserved, 1 = No assistance, 2 = Some assistance, 3 = Hard assistance, 4 = Abnormal presentation, 5 = Other
Mate_cm	Conception method 1 = Natural, 2 = ET, 3 = AI, 4 = Jivet, 5 = Moet, 6 = Yard (blank is unknown)
Mate_date	AI or ET date or date ram/s out with ewe (dd/mm/yyyy)
Mate_ewe	16 digit ID of the ewe
Mate_grp	ID number of the management group the ewes running in prior to joining (check your groups listed in Pedigree Master)
Notes	Notes
Recip_id	16 digit ID of the recipient ewe
Rt	Rear type 1 = single, 2 = twin, 3 = triplet, 4 = quad, 5 = quin
Scan_cnt	Number of lambs scanned 1, 2, 3 etc
Scan_date	Date of pregnancy scanning
Scan_grp	ID number of the management group the ewes were in at scanning (check your groups listed in Pedigree Master)
Scan_multi	No or Yes (Were ewes scanned for multiples or only wet or dry. If yes use Scan_cnt, if no use Scan_type)
Scan_op	Name of pregnancy scanner
Scan_type	Wet or Dry
Sex	1 = male 2 = female
Sire	16 digit ID of Sire or Syndicate group
Sire_in	Date ram went in with this ewe (dd/mm/yyyy)
Sire_out	Date ram taken out from this ewe (dd/mm/yyyy)
Transdate	Date - Transfer date for embryos

Backups/Exporting and Validation

Database - Summary, Validation & Backups

Summaries

Breed & Flock: 890267

1 Data Summary

2 Sire Summary

7

Validation

Breed & Flock: ALL

Check Years: 0000 to 2013

3 Validate

Export / Backup

Destination for archive ...

4 ☒ Email archive

☐ This computer.

5 Create archive

6 Create internal backup

8 Close

Data Summaries

To quickly check what information is in database and the sires used / progeny numbers by drop

1 can be used to quickly provide a summary of info in program for selected breed and flock code.

2 creates a sire summary report for the selected breed and flock code by drops

Validation

used to check data for errors, questionable or outside normal data / information.

3 Runs the data validation procedures

Export / Backup

Creates backups for sending to SheepGenetics

4 Destination for archive/backup

5 Create archive/backup to selected destination

if you use a web mail system then select the destination as "This computer" and once complete email the created archive with your web mail system.

6 Creates/Forces extra internal backup

7 Opens explorer window

8 Close the window

WEB MAIL SYSTEMS .. Create backup and email.

1) select This Computer as destination (ie no **4** in above image)

2) press the "Create archive" button (ie no **5** in above image)

3) select NO in the popup window (EBVs not required in backup for SheepGenetics)

4) Default save to location will automatically be one directory up from the running program (ie usually " c:\sheepgenetics\")

5) Press OK to create archive/backup.

6) once finished popup window will display the complete path and filename of the archive (zip file) .. note location and name then press OK

7) open explorer folder (ie no **7** in above image) .. the archive/backup file you just created should be listed in the window. (if default location for backup was used)

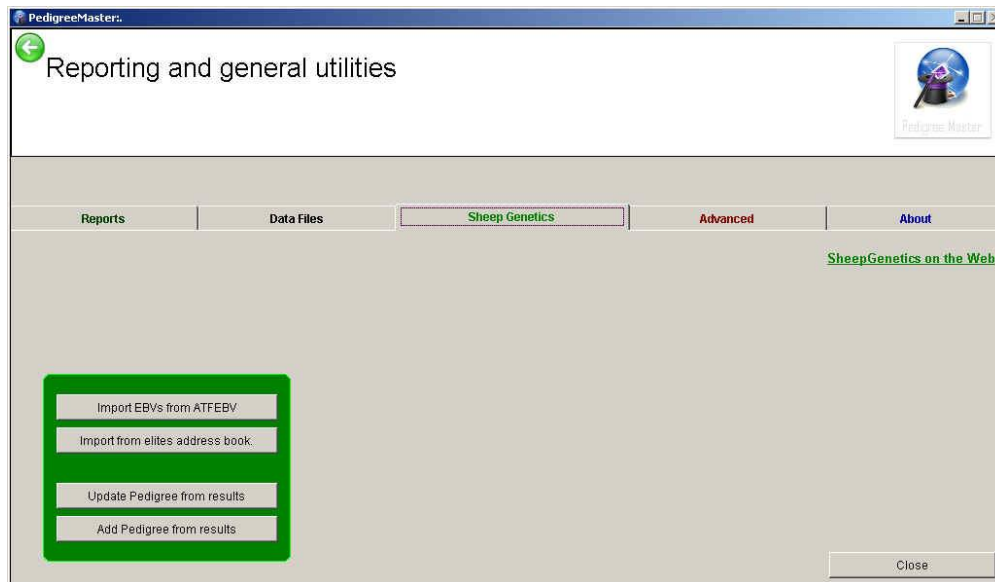
8) the archive/backup (ZIP) file can be dragged and dropped into most email messages or attached using the normal procedures for your email system.

Download EBV file from Sheep Genetics

Download EBVs into Pedigree Master

1. Go to the Sheep Genetics website www.sheepgenetics.org.au
2. Click on “Lambplan” or “Merinoselect” or “DohneMerino” or “Kidplan” (whichever is relevant)
3. Click on “[ASBV updates download page](#)” in the middle of the page
4. select the file by filename associated with your breed and flock code.
ie.
161234.EXE would be update for Poll Dorset (breed 16) flock number (1234) 482468.EXE would be update for Samm (breed 48) flock number (2468)
869876.EXE would be update for NZ Poll Dorset (breed 86) flock number (9876)
5. Click on the file to start the file download, you will be asked to save the file to your hard disk – save it to somewhere you can find it later
6. Once download is complete, **run the downloaded EXE file to install updated results**. You will be prompted for a password during the install. The password is included in the email subject line inside the [] brackets that you receive from Sheep Genetics when results are available. (Make sure you install the results in the correct directory – they are different for Pedigree Wizard and Pedigree Master – follow the instructions. Once the new/updated results have being installed the downloaded executable file can be deleted or moved to the deleted items folder.

Update and Add Pedigree



"Import EBVs from ATFEBV"

Can be used to import EBVs (AFTEBV.DBF) from another location on your computer or a memory stick.

"Import from elites address book"

Can be used to populate address book from elites program if found on your PC.

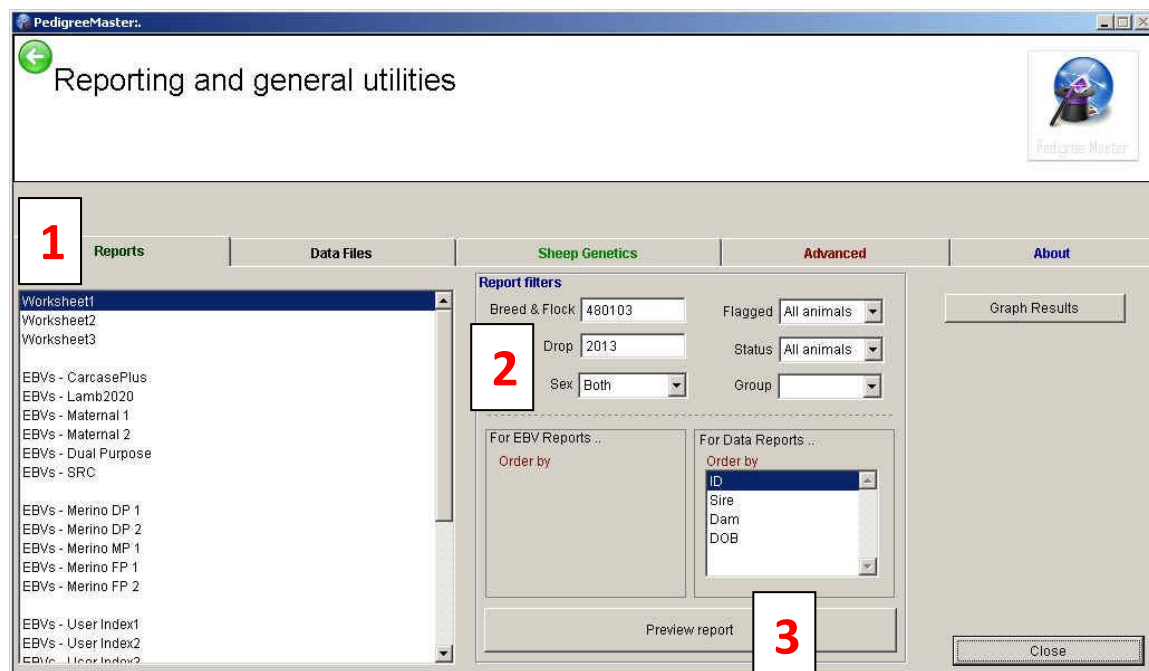
"Update Pedigree from results"

Update pedigree info from the results database to your database system if not in your database.

"Add Pedigree from results"

Add pedigree info from the results database to your database system if not in your database.

Reports



1. Choose the report you wish to display/print
2. Select the report filters
3. Preview the report

KeyBoard shortcuts in report preview window.

Escape	.. close report preview	Page Down	.. Next page
G	.. go to page number	Page Up	.. Previous Page
L	.. rotate through Zoom views	Home	.. First page
Z	.. Zoom full screen or 100% view	End	.. Last Page
		Cursor keys	.. scroll current page view.

Export Data to Excel

The main databases/tables can be copied out of Pedigree Master and opened/imported into other programs. (ie excel)

go to

-> "Reporting and Utilities"

-> "Data Files" tab

1) Data Files tab .. in Reporting and General utilities.

2) select the database/table to copy.

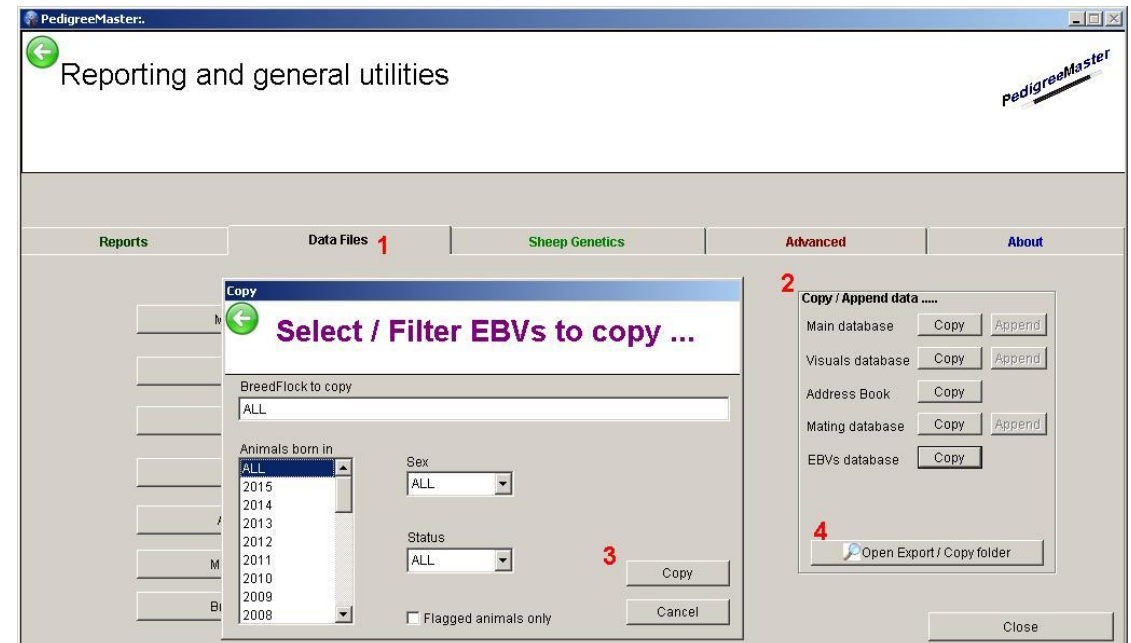
3) Set the filters as required for the copy procedure. then press "Copy" ..

The filename, location and number of records that are copied are reported on screen once the copy is complete.

The copied information is in a standard DBF structured database file and can be open in any spreadsheet type programs.

(The Filter options are only available for Main database and EBV database copy procedures)

4) this can be used to open the default export folder in explorer.



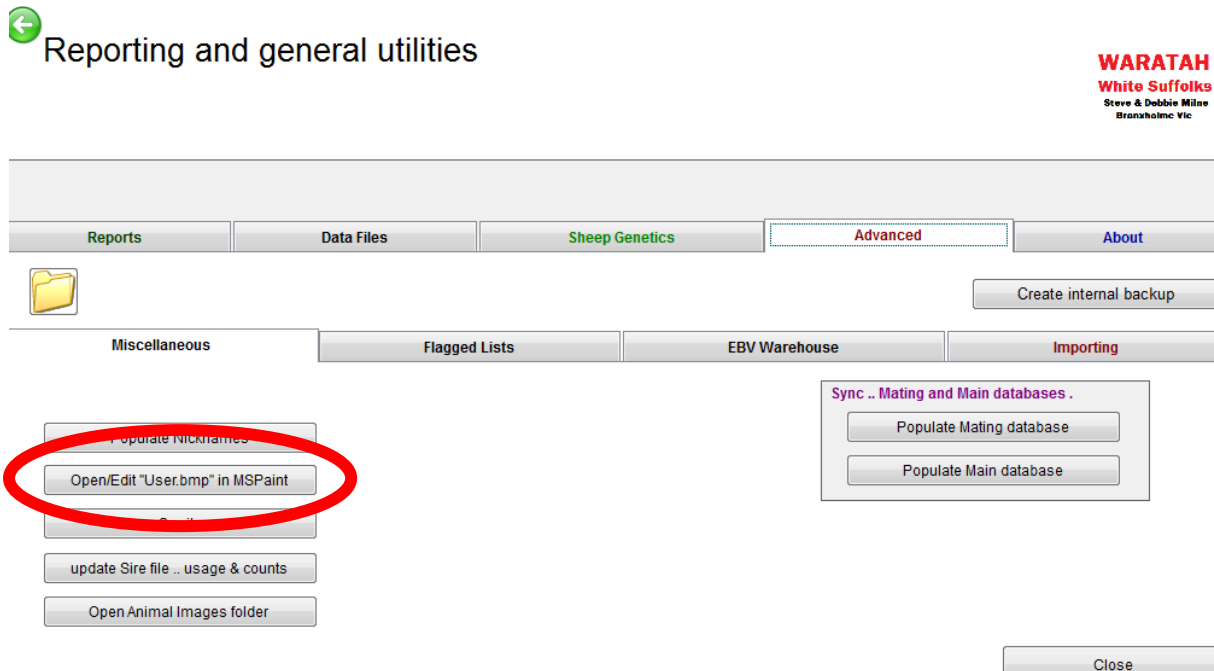
Please do **NOT** use this to Export your database or records for Sheep Genetics updates ..

Import your stud Logo Image

is displayed top left on some reports and program screens
if not required on reports .. use a all white image / logo
can be edited from within program using paint program.

to edit logo in program .. from the opening screen in PedigreeMaster go to
Reports & Utilities -> Advanced -> Open/edit "User.bmp" in MSPaint (edit the image in this program – can import a picture or logo from elsewhere, - then save it)

recommended size is 200 x 200 pixels
program attempts to display the image isometrically if not 200 x 200 pixels in size.



Misc Info

RFID or E ID button



Program short cut key to read RFID is F4

On the animal display and pedigree display screens click on the RFID button to read RFID. If clicked ..

- read remains active while mouse is over the RFID button.(ie auto read)

- auto read is cancelled when the mouse pointer is moved of the RFID icon

Add/changing Function keys to enter a date with a single key stroke.

Function keys F5 to F8 can be edited to auto-type text. ie. if the F5 key is set to type **26112013** then pressing F5 on a date entry field will automatically fill/type the contents giving a date of **26/11/2013**

Function Keys assignments can be edited from the set up screen

Setup screen

Top left button .. program opening screen .. button text is usually your breed and flock code.

Escape key on keyboard

can be used to close most windows/screens and the report preview window

Entering Dates

the current year is automatically assumed if the year portion of the date is not entered.

Internal Backups

Internal backups are created in the BACKUP directory in the programs working directory.

The directory in the BACKUP directory is created/named in the following format YYYYMMDD@HH_MM_SS

ie 20130531@15_20_59 = backup created on the 31 May 2013 at 3:20 PM and 59 seconds.

Accelerated Lambing

Both Pedigree Wizard and Pedigree Master have no issues with accelerated lambing programs

ie in both .. the validation procedures.

- raise an WARNING for lambs born more than 150 days apart and in the same year to the same ewe ..

- raise an ERROR for lambs born less than 150 days apart to the same ewe .regardless of lambs year of birth.

the validation procedures also take into account the CM (Conception Method) of each animal when checking to ensure maximum accuracy levels in the pedigree system.

Multi sires for multi births

If the comment on an animal **STARTS** with any of the following ..

DNA PEDIGREE .. then it is assumed both sire and dam listed are the results of DNA information.

DNA SIRE .. then it is assumed the only the sire listed is the result of DNA information.

DNA DAM .. then it is assumed the only the dam listed is the result of DNA information.

ie .. if the animals comment starts with **DNA SIRE** then the sire will not be removed if it appears to be problematic in basic pedigree checking.. (ie twins to a ewe but different sires)

EBV reports and Results database from Sheep Genetics..

- the sex of animals may be listed as 1, 2, 4 or 5
Sex codes .. (these are in the results ONLY and are as follows)
 - 1 = Male animal with progeny (ie SIRE)
 - 2 = Female animal with progeny (ie DAM)
 - 4 = Male animal
 - 5 = Female animal
- In the Results from Sheep Genetics
the Sire and Dam of an animal are not listed as SIRE and DAM ..
they are listed as LPN_SRE and LPN_DAM ..
this is the pedigree (sire and dam) of the animal as per the analysis and not the pedigree from your own database system.
- The Results file is a normal DBF III file ..
These can be opened in spreadsheet programs if required.
The latest Excel versions can open DBF III files. but if you require a saved or modified copy of the data you will have to save the information as an excel file. This is by design in newer versions Excel and also means that the integrity of the database file is maintained.