

How to use Mating Module

Pedigree Master

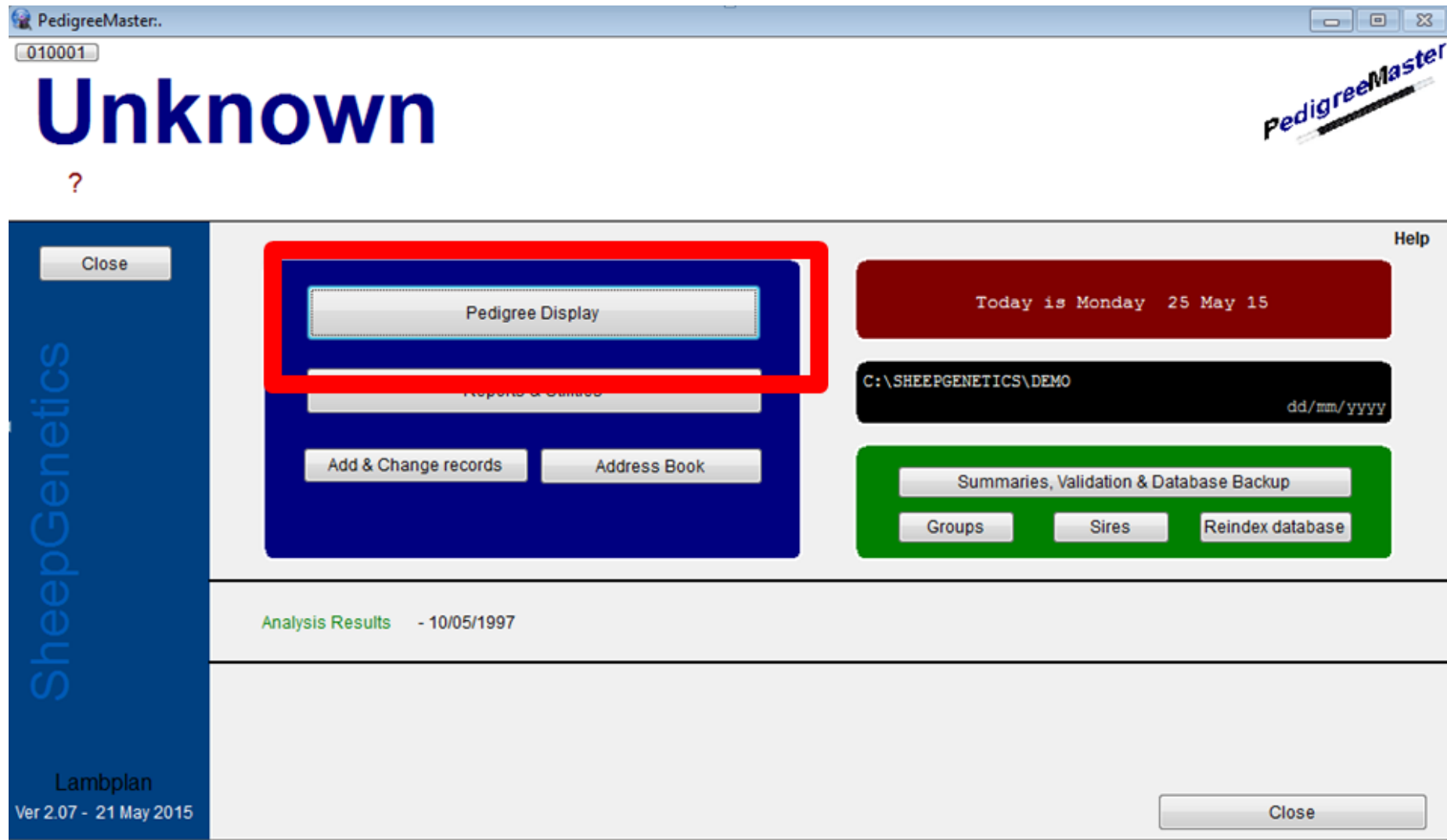
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Installing Pedigree Master (PM)

- Go to;
- <http://kidplan.mla.com.au/pedigreemaster/>
- Download and install the latest version:
 - (Newest to the top of the page)

Once installed, open PM and click on Pedigree Display.



Select a female ID from the right hand column,
then select the 'reproduction' tab.

The screenshot displays the PedigreeMaster application window. At the top left, there's a title bar with "PedigreeMaster..". Below it are navigation icons. The main area shows a pedigree chart with three animals: a blue box labeled "019999-1992-920002", a dark red box labeled "019876-1987-870574", and a green box labeled "019999-1987-870888". To the right of the pedigree is a sidebar with a search filter set to "Filter is off", buttons for "Previous", "Next", "Browse", and "Pedigree", and a checkbox for "Flagged". On the far right is a vertical list of Animal IDs, with "019999-1992-920002" highlighted in blue. Below the pedigree, there are input fields for "Sex" (set to 2), "Date of Birth" (23/10/1992), "Group" (999), and "Comment". A row of tabs at the bottom includes "Breeding", "Carcase", "Wool", "Reproduction" (highlighted with a red rectangle), "Miscellaneous", "EBVs", and "Visuals". Below the "Mating Records for" section is a table with columns: Mated, Lamb, CM, Sire, Sire_in, Sire_out, B_sire. To the right of the table are "Add" and "Edit" buttons. Further right is a dropdown menu with options: Current, Sold, Culled, Reference (highlighted), Dead, Missing, Active, Unknown, *. At the bottom right, there's a "Browse records for" section with buttons for "ID", "Sire", and "Dam". A "Close" button is at the very bottom right.

NOTE:

- The main Database in Pedigree Master is different to the Mating Module, ensure you understand that PM has these two databases.

If you enter information into the mating module it will not automatically sync with the main database.

i.e. if you enter a new LAMB ID into the Mating module which has a 16 digit ID, Sire, Dam, DOB, Sex, BWT, RT, BT, Group and/or Lambing ease values, these values will only be transferred into the main database if you do so through utilities, this will be shown how to do so later.

Select Add. (Or 'edit')

[illegible]

This shows the all new Mating Module.

The screenshot displays the 'PedigreeMaster' application window. The title bar reads 'PedigreeMaster.'. A green arrow icon points to the left, followed by the text 'Joining records for 019999-1992-920002'. Below this, there's a table with columns 'Lamb', 'Mate_date', and 'Sire'. The first row is highlighted in blue. To the right of the table are several form sections:

- Ewe joining info .**: Contains fields for Date (set to << 25/05/2015), Group (UNKNOWN GROUP), Body weight, and Condition score.
- Preg Scan .**: Contains fields for Date (set to << 25/05/2015), Scanning for multiples (dropdown), Count, Type (dropdown), Group (UNKNOWN GROUP), and Operator.
- Sire info .**: Contains fields for IN (set to << 25/05/2015) and OUT (set to << 29/06/2015), Conception method (dropdown), and a Backup Sire section.
- Result / Lamb info .**: Contains fields for Lamb (set to - -), Dob (set to << 25/05/2015), Sex (dropdown), BirthType, RearType, Bwt, Lambease (dropdown), and Group (UNKNOWN GROUP).
- Ewe/Lamb Status .**: Contains a dropdown menu and a Date field (set to << 25/05/2015).

At the bottom, there are navigation buttons: '<', '>', 'Browse', 'Delete', 'Duplicate', 'New', and 'Close'.

This section highlights the animals historical records that are in the mating module. I.e. if the ewe has been joined previously, or what her preg scan count was in previous joining's. All mating records are assigned to a LAMB ID or the ewe ID (16 digit Sheep Genetics ID).

The screenshot shows the PedigreeMaster application window. At the top, it says "PedigreeMaster.". Below the title bar, there's a green arrow icon and the text "Joining records for 019999-1992-920002".

The main interface is divided into several sections:

- Ewe joining info .**: Contains fields for Date (set to << 25/05/2015), Group (UNKNOWN GROUP), Body weight, and Conception score.
- Preg Scan .**: Contains fields for Date (set to << 25/05/2015), Scanning for multiples (dropdown), Count, Type (dropdown), Group (UNKNOWN GROUP), and Operator.
- Sire info .**: Contains fields for IN (set to << 25/05/2015) and OUT (set to << 29/06/2015), Conception method, and Backup Sire.
- Result / Lamb info .**: Contains fields for Lamb (set to - -), Dob (set to << 25/05/2015), Sex (dropdown), BirthType, RearType, Bwt, Lambease (dropdown), and Group (UNKNOWN GROUP).
- Ewe/Lamb Status .**: Contains a dropdown menu and a Date field (set to << 25/05/2015).

On the left side, there's a table with columns "Lamb", "Mate_date", and "Sire". The first row is highlighted in blue. Below the table are navigation buttons: "<", ">", "Browse", "Data", "Duplicate", "New", and "Close".

This section is for information relating to the ewes joining.

First field is the joining date;

for natural joining's, this is the initial joining date that you put your ram with the ewe.

For joining methods like AI/ET, this the date the AI/ET was carried out.

Joining records for 019999-1992-920002

Ewe joining info .

Date / / << 25/05/2015

Group UNKNOWN GROUP

Body weight

Condition score

Preg Scan .

Date / / << 25/05/2015

Scanning for multiples

Count Type

Group UNKNOWN GROUP

Operator

Sire info .

IN / / << 25/05/2015

OUT / / << 29/06/2015

Conception method

Backup Sire

Result / Lamb info .

Lamb - -

Dob / / << 25/05/2015

Sex BirthType

Bwt RearType

Group UNKNOWN GROUP

Lambease

Ewe/Lamb Status .

Date / / << 25/05/2015

Close

[illegible]

- Sire Info Section:
- Sire ID:** 16 digit SG ID of sire
- Conception Method:** Must be one of the following results
*1. Natural, 2. ET, 3. AI, 4. JivET, 5. MoET, 6. Yard Mating, or * for unknown conception*
- Select a conception method then press 'tab', this will grey out the fields that no longer become relevant such as a 'Sire Out Date' for a AI program.
- For a conception method of 2,3 or 6, you will only have to enter one date.
- For methods of 1,4,5 and * you will have to enter a 'sire in date' and a 'sire out date'.
- If using a backup Sire:** (see next slide)

[illegible]

Using a Backup Sire:

If you are carrying out a AI or ET program and have used a backup sire, Click on the 'backup sire' link, and this will open some new fields.

Sire ID: This is the 16 digit ID of the backup sire used.

In date: Date Backup ram was put out.

Out Date: ram was removed.

Genetic Sire is: This field MUST be filled out and refers to the actual sire of the LAMB.

You may not know this until lambing when you can calculate joining date, but it is important to remember to go back and edit the mating record at a later date to ensure the lamb gets the correct Sire allocated. You must select either 'Sire' if sire is initial sire, or 'backup' for backup sire.

- **Preg Scan Section:**
Date: Date that the Preg scanner scanned the ewe.
Scanning for Multiples:
'Yes' or 'No' answer **MUST** be selected. Selecting 'Yes' and pressing 'tab' on your keyboard will grey out the 'Type' field.
While Selecting 'No' and pressing 'tab' on your keyboard will grey our the 'count' field.
Count: Number of fetuses counted by the scanner
Type: Must select 'wet' or 'dry'. Please note that scanning for multiples is the **preferred option**, wet/dry only will not be used in the analysis at this stage.
Group: **MUST** be selected, this represents the group that the animal was run in **UP UNTIL** the date of scanning.
Operator: Enter the name of your preg scanner in this field. "John Smith preg scanning" would be entered only as "J. Smith"

Group UNKNOWN GROUP

Operator

Result / Lamb info .

Lamb - -

DOB / / << 25/05/2015

Sex BirthType

Bwt RearType

Lambease

Group UNKNOWN GROUP

Date / / << 25/05/2015

Close

0	unobserved
1	no assistance
2	some assistance
3	hard assistance
4	abnormal presentation
5	other

Result / Lamb info: 16 Digit Sheep Genetics ID, this can be a new ID, that will then get imputed into the main database with all the information you have filled in about it getting transferred across.

DOB: Date of Birth of lamb.

BWT: Birth weight of Lamb, within 24 hours of birth and in 100g intervals.

Sex: 1 = Male , 2 = Female.

Birth Type: Number of lambs at birth (alive and Dead)

Rear Type: Number of lambs reared through to weaning.

Lambease: Ease of lambing, see image above for correct format. Must be 0 – 5.

Group: Management Group that lamb was born in. This field is critical for the lamb! This management group refers to the group that the ewe was run in **UP UNTIL** the ewe lambbed. If you have separated your multiple lambing ewes and given them a better feed ration than your single lambing ewes, than you should give the lambs out of those ewes a different management group code.

102

All Females Older Females Recent Females

Preg Scan .

Date / / << 25/05/2015

Scanning for multiples ☐

Count Type

Group UNKNOWN GROUP

Operator

Result / Lamb info .

Lamb

Dob / / << 25/05/2015

Sex BirthType

Bwt RearType

Lambease

Group UNKNOWN GROUP

Ewe/Lamb Status .

Date / / << 25/05/2015

Close

	Unknown
Live	Lamb born live
Dead	Lambled successfully but lamb was DAB
Sold	Ewe was sold between Scanning and Lambing
Fatality	Ewe died after scanning or at Lambing
Dry	Ewe dry at date entered below

This field needs to be completed where another outcome of the joining, such as a known lamb, has not been recorded.

'Live' and 'Dead' results refer to the lambs and alludes that the lamb was either born alive or dead, but the resulting lamb has not had a tag number recorded.

NOTE, 'Sold', 'Fatality' and 'Dry', refer to the ewe, and imply the following:

Sold: Ewe was sold prior to getting a lambing result. This status is vital if a ewe was scanned in lamb and then does not get a lamb recorded.

Fatality: Ewe has died and thus will have no lambs reared

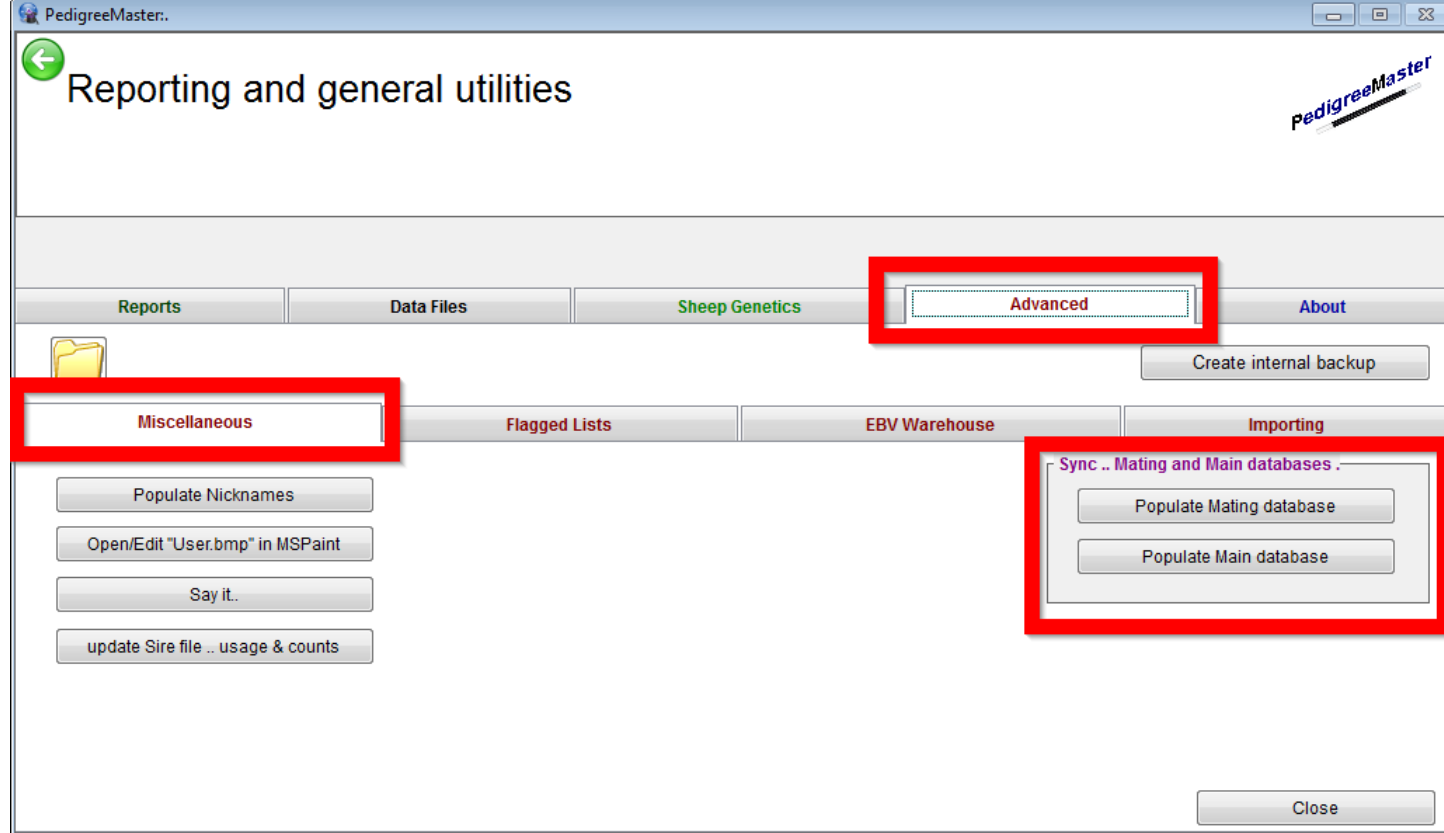
Dry: Ewe did not lamb as a result of that joining, she may not have been scanned, or was scanned in lamb but has no lamb and lambing.

Date: You must have a date that you have entered the above status in on.

Syncing the Mating Module with the Main Database in Pedigree Master:



From the first screen you see in Pedigree Master, Select ' Reports and Utilities'.



Once in Reports and Utilities,

Step 1, select the 'Advanced' tab, Step 2 select the 'Miscellaneous' tab.

Finally you will see a 'sync.. Mating and Main Databases'. Field in the right hand side..

So, from here, you can go through and sync the main database with what you have entered into the mating module such as a new lamb including its pedigree and BWT and Group etc..

Or Vice Versa, if you enter your new lambs through the main database and want to sync the mating module with the information you have created in the main database such as pedigree, BWT, groups, conception method.

Information that is in the main database and not in the Mating Module will not be used in the analysis, the information needs to be the mating module..

Importing.

- Note:
 - Prior to importing ANY information, please ensure you make a backup.

010001

Unknown

?

Close

Help

Pedigree Display

Reports & Utilities

Add & Change records

Address Book

Today is Thursday 28 May 15

C:\SHEEPGENETICS\DEMO

dd/mm/yyyy

Summaries, Validation & Database Backup

Groups

Sires

Reindex database

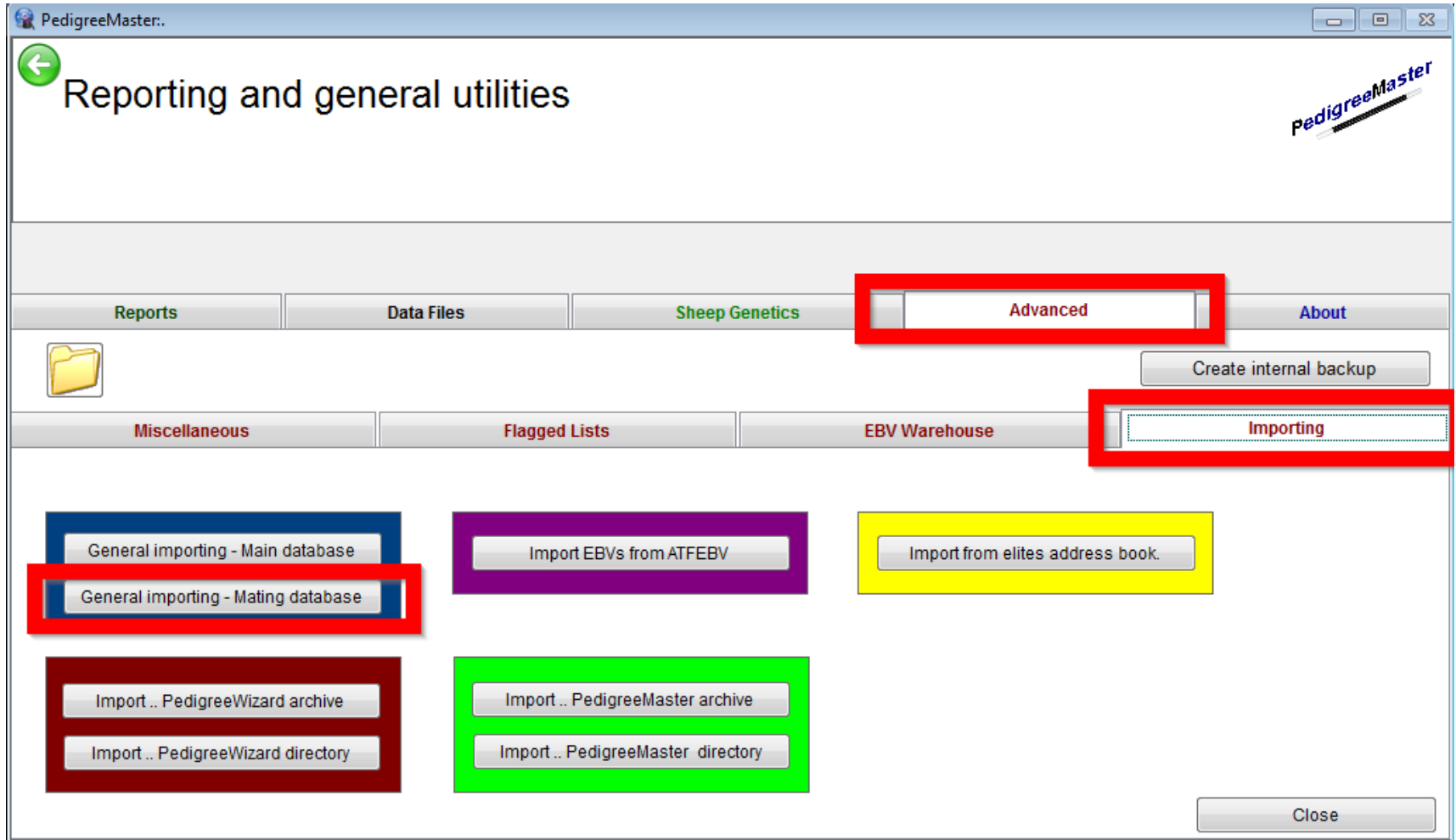
Analysis Results - 10/05/1997

Lambplan

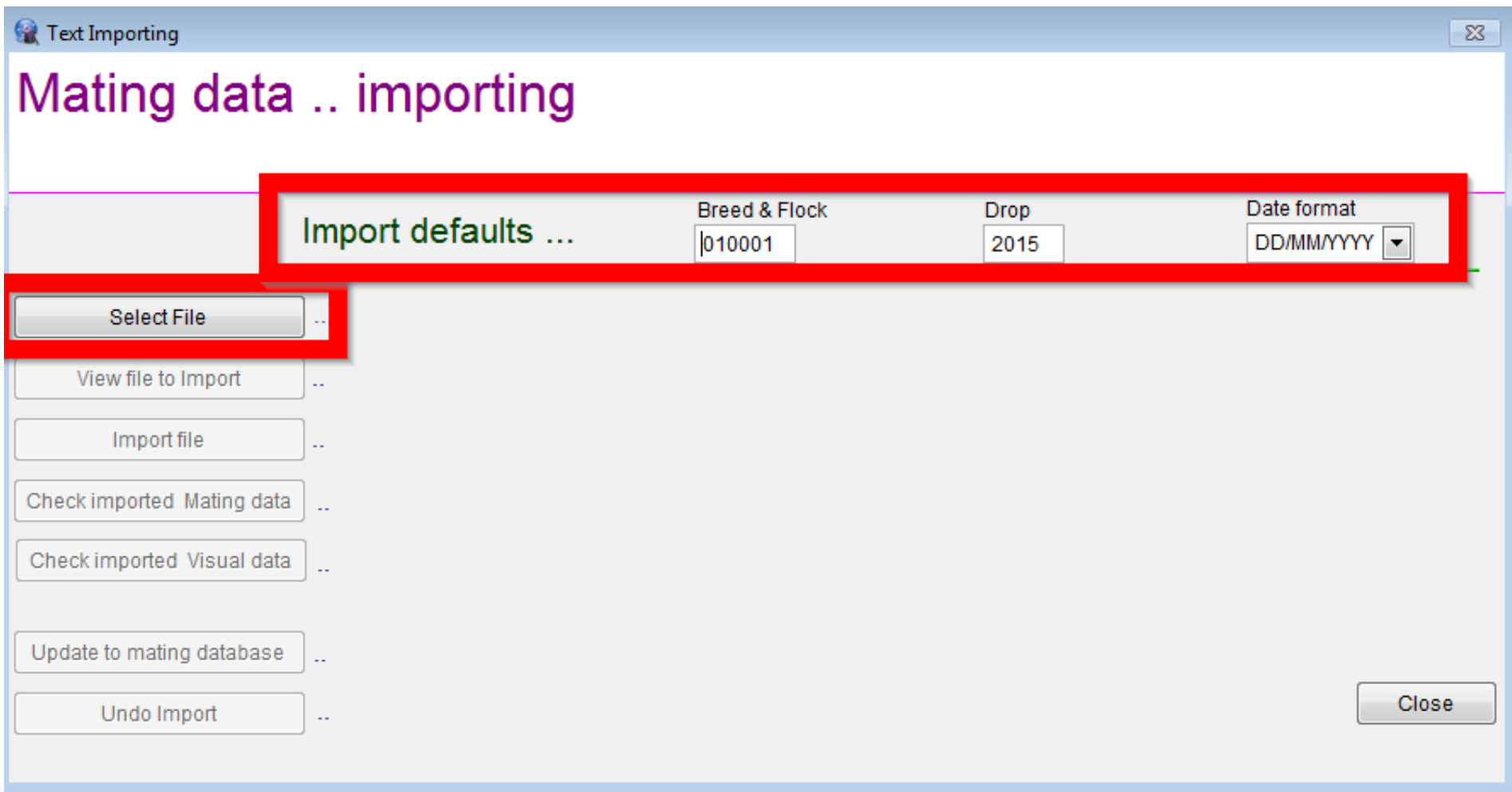
Ver 2.07 - 21 May 2015

Close

- Enter 'Reports & Utilities'



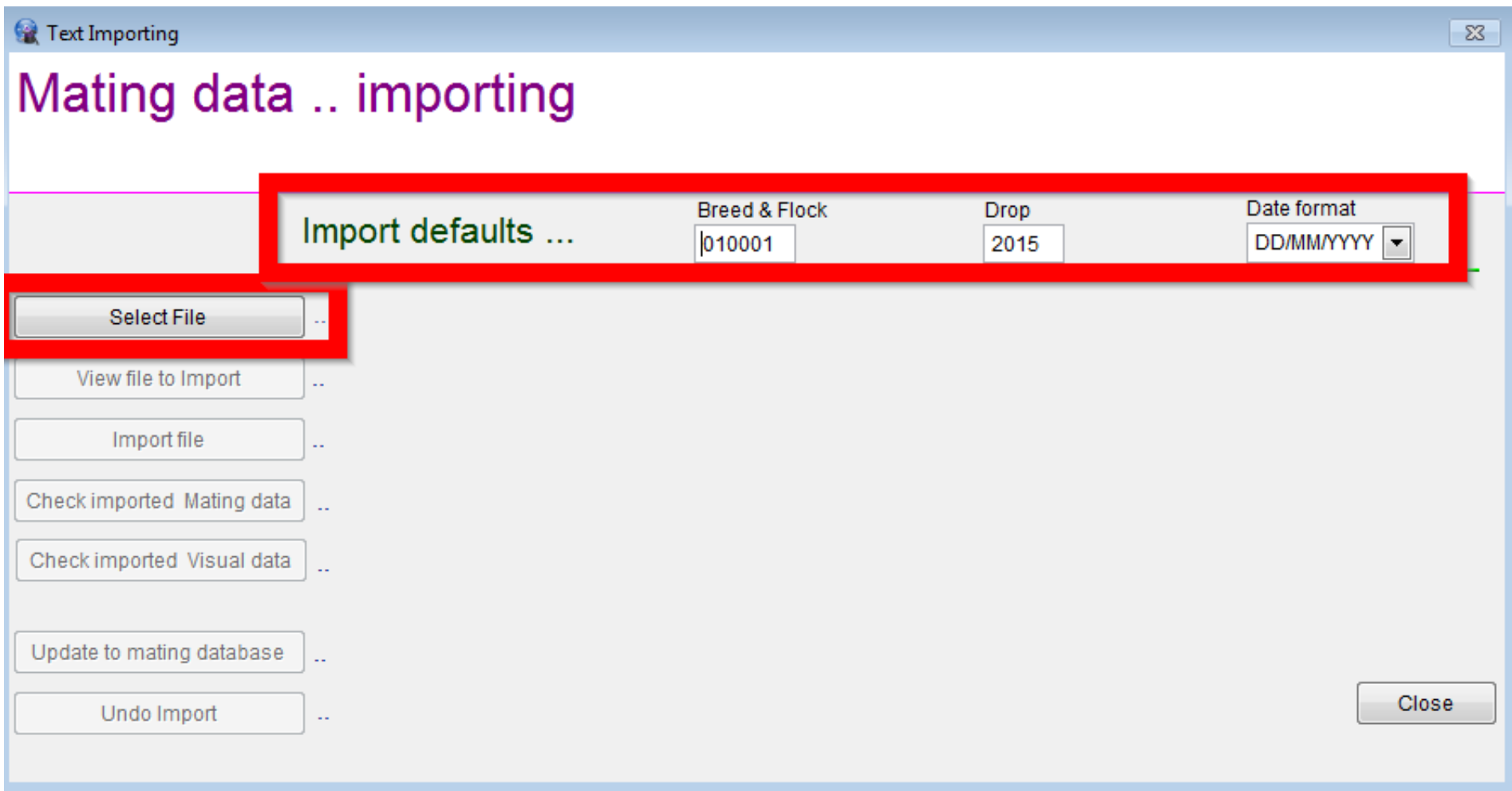
1. Go to 'Advanced' tab,
2. Then the 'Importing' tab,
3. And finally, click on 'Gen importing – Mating Database'



1. Ensure your defaults are set correctly: Breed & Flock, Drop (of the lamb) and date format
2. Select the file: *The file must be in a .txt or .csv format (Tab Delimited).*

What format should my import file be?

- File must be in CSV or text file, tab delimited format.
- Headings must have correct format / heading descriptions see word doc attached.
- Not all headings are required. But spelling of headings must be correct.



1. Select the file you want to import.

Try viewing the file

Text Importing

Mating data .. importing

Import defaults ... Breed & Flock 010001 Drop 2015 Date format DD/MM/YYYY ▼

Select File "C:\USERS\WCHAFLEY\DESKTOP\TESTA1.TXT"

☒ View file to Import Input file checked

Import file

Check imported Mating data

Check imported Visual data

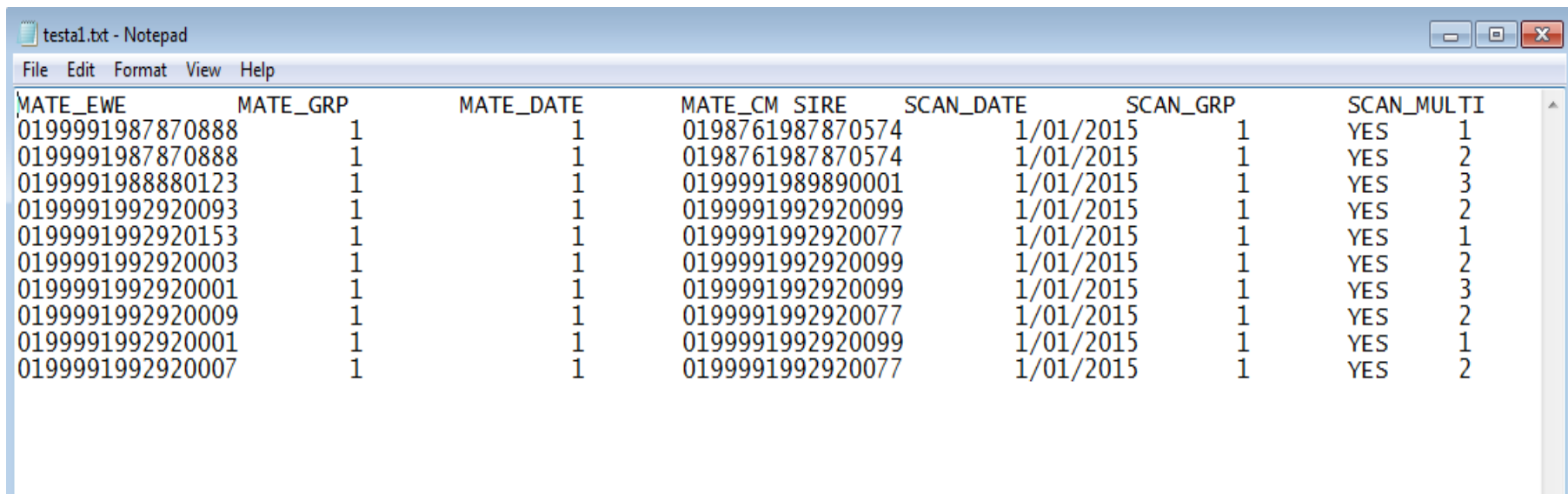
Update to mating database

Undo Import ..

Close

This will give you a summary of what you are about to import into the Mating Database. And possibly pick up on any errors that you may see.

Such as EID being listed in the MATE_EWE column. Or an incorrect date, you should use this opportunity to double check each column has the correct heading.



MATE_EWE	MATE_GRP	MATE_DATE	MATE_CM SIRE	SCAN_DATE	SCAN_GRP	SCAN_MULTI
0199991987870888	1	1	0198761987870574	1/01/2015	1	YES 1
0199991987870888	1	1	0198761987870574	1/01/2015	1	YES 2
0199991988880123	1	1	0199991989890001	1/01/2015	1	YES 3
0199991992920093	1	1	0199991992920099	1/01/2015	1	YES 2
0199991992920153	1	1	0199991992920077	1/01/2015	1	YES 1
0199991992920003	1	1	0199991992920099	1/01/2015	1	YES 2
0199991992920001	1	1	0199991992920099	1/01/2015	1	YES 3
0199991992920009	1	1	0199991992920077	1/01/2015	1	YES 2
0199991992920001	1	1	0199991992920099	1/01/2015	1	YES 1
0199991992920007	1	1	0199991992920077	1/01/2015	1	YES 2

Now click on 'import file'

Text Importing

Mating data .. importing

Import defaults ... Breed & Flock 010001 Drop 2015 Date format DD/MM/YYYY ▼

Select File "C:\USERS\WCHAFLEY\DESKTOP\TESTA1.TXT"

View file to Import

Import file

Check imported Mating data

Check imported Visual data

Update to mating database

Undo Import ..

Close

This section will give you feedback on the number of records that are getting imported. This is a good opportunity to ensure all your data is importing correctly.

The screenshot shows a software window titled "Text Importing". The main heading is "Mating data .. importing". Below this, there are several input fields and buttons. A red rectangular box highlights a status message that says "Imported to temporary database ... 10 records".

Import defaults ...		Breed & Flock	Drop	Date format
		010001	2015	DD/MM/YYYY

Buttons on the left: Select File, View file to Import, Import file, Check imported Mating data, Check imported Visual data, Update to mating database, Undo Import.

Buttons on the right: Close.

One of the final steps is to check the file you are about to load into the Mating Module. You will not be able to processed any further until you click on this link.

The screenshot shows a software window titled "Text Importing" with a close button in the top right corner. The main heading is "Mating data .. importing" in purple. Below this, there are several input fields and buttons:

- Import defaults ...**: A button with a green underline.
- Breed & Flock**: A text box containing "010001".
- Drop**: A text box containing "2015".
- Date format**: A dropdown menu showing "DD/MM/YYYY".
- Select File**: A button next to the file path "C:\USERS\WCHAFFEY\DESKTOP\TESTA1.TXT".
- View file to Import**: A button next to the text "Input file checked".
- Import file**: A button next to the text "Imported to temporary database ..." and "10 records".
- Check imported Mating data**: A button highlighted with a red rectangle.
- Check imported Visual data**: A button.
- Update to mating database**: A button.
- Undo Import**: A button next to a double dash "--".
- Close**: A button in the bottom right corner.

This is the window that will again allow you to triple check that you have the correct data in the right fields. It is vital at this stage that you are confident that each column is correctly represented and dates and values are in the right format.

[illegible]

When you are happy with the file, you can click on 'close window'. Or similarly you can use the delete records or new record.

[illegible]

Occasionally..

Once you close that window you may have some messages pop up, telling you about any errors or discrepancies, such as wrong years or odd records such as a preg scan of 10.. Etc..

You will not be able to proceed until all these messages have been resolved.

Once you have fixed any errors you may have, you are then able to proceed. You have the option of checking any visual data you may be importing also.

Text Importing

Mating data .. importing

Import defaults ... Breed & Flock 010001 Drop 2015 Date format DD/MM/YYYY ▼

Select File "C:\USERS\WCHAFFEY\DESKTOP\TESTA1.TXT"

View file to Import Input file checked

Import file Imported to temporary database ... 10 records

Check imported Mating data Data checked ..

Check imported Visual data

Update to mating database Update mating info based on ▼

Undo Import ..

Close

Finally, you now have the option updating your mating module, you need to select one of the options in the drop down box first however.

The option you select will depend on what information you are importing. See examples on following slide.

Text Importing

Mating data .. importing

Import defaults ...	Breed & Flock	Drop	Date format
	010001	2015	DD/MM/YYYY

Select File	"C:\USERS\WCHAFLEY\DESKTOP\TESTA1.TXT"
View file to Import	Input file checked
Import file	Imported to temporary database ... 10 records
Check imported Mating data	Data checked ..
Check imported Visual data	Data checked ..
Update to mating database	Update mating info based on
Undo Import	..

- 1 Lamb id
- 2 Mate Ewe + Mate Date
- 3 Mate Ewe + Mate Date + Scan Date
- 4 Mate Ewe + Mate Date + Scan Date + Lamb id
- 5 Mate Ewe + Scan Date

Close

Update Mating info based on:

1. LAMB ID
 - If you have Lamb ID's in the database and have new BWTs or Groups to add in
2. Mate Ewe + Mate Date
 - If you have joining info in the mating module but no Scanning data
3. Mate Ewe + Mate Date + Scan Date
 - If you
4. Mate Ewe + Mate Date + Scan Date + LAMB ID
 - If you are updating information regarding the entire joining file
5. Mate Ewe + Scan Date
 - If you have a new scan count to enter or have a new sire to update.

Once you have imported the data, you are also able to
undo the import.

End of importing section