

# How to use Mating Module

## *Pedigree Master*

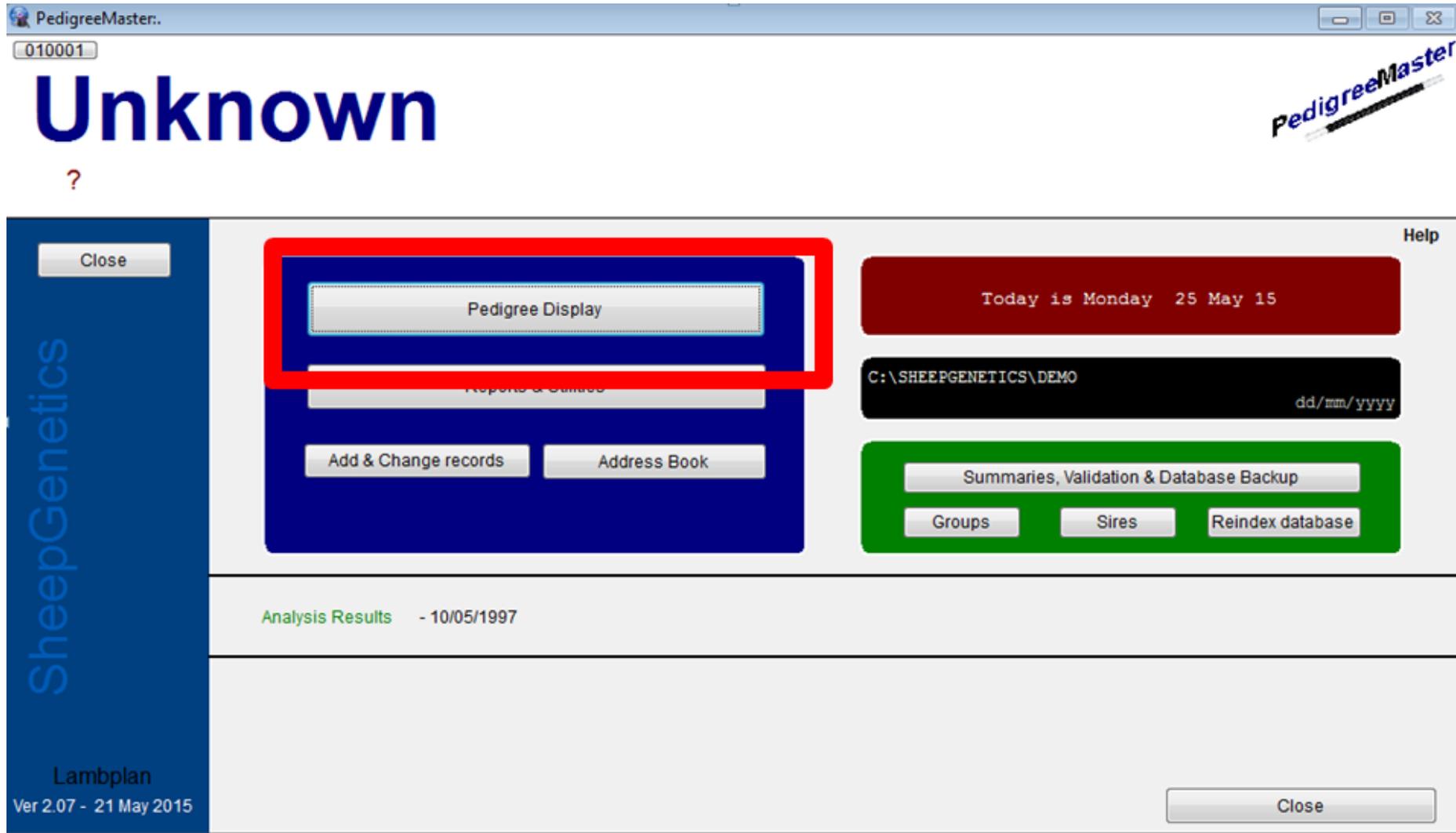
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# Installing Pedigree Master (PM)

- 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 software interface. At the top left, the title bar reads "PedigreeMaster.". Below it, there are navigation icons (back, home) and a pedigree chart showing three animal IDs: a central blue box "019999-1992-920002", a red box "019876-1987-870574" above it, and a green box "019999-1987-870888" below it. To the right of the chart is a control panel with a search box, "Filter is off", "Previous", "Next", "Browse", and "Pedigree" buttons, and a "Flagged" checkbox.

Below the chart, there are input fields for "Sex" (set to 2), "Date of Birth" (23/10/1992), "Group" (999), and a "Pedigree Info" button. A "Comment" field is also present. A red rectangle highlights the "Reproduction" tab in the navigation bar, which also includes "Breeding", "Carcase", "Wool", "Miscellaneous", "EBVs", and "Visuals".

Below the tabs, there is a "Mating Records for" section with a dropdown menu set to "019999-1992-920002" and "Add" and "Edit" buttons. A table with columns "Mated", "Lamb", "CM", "Sire", "Sire\_in", "Sire\_out", and "B\_sire" is shown below this. The table is currently empty.

On the right side, there is a list of "Animal ID" entries. The second entry, "019999-1992-920002", is highlighted in blue. Below the list is a "Close" button. A dropdown menu is open, showing options: "Current", "Sold", "Culled", "Reference" (highlighted), "Dead", "Missing", "Active", "Unknown", and "\*". Below this menu is a "Browse records for" section with "ID", "Sire", and "Dam" buttons.

# 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.





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 displays the 'PedigreeMaster' software interface. The main window title is 'PedigreeMaster.' and the current view is 'Joining records for 019999-1992-920002'. A green arrow icon is visible in the top left corner.

At the top right, there are three tabs: 'All Females', 'Older Females', and 'Recent Females', all highlighted in green. Below these tabs, there are several input fields and sections:

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

On the left side, there is a table with columns 'Lamb', 'Mate\_date', and 'Sire'. The table is currently empty. A red box highlights the table area. Below the table, there are buttons for 'Duplicate' and 'New', and a 'Close' button at the bottom right.

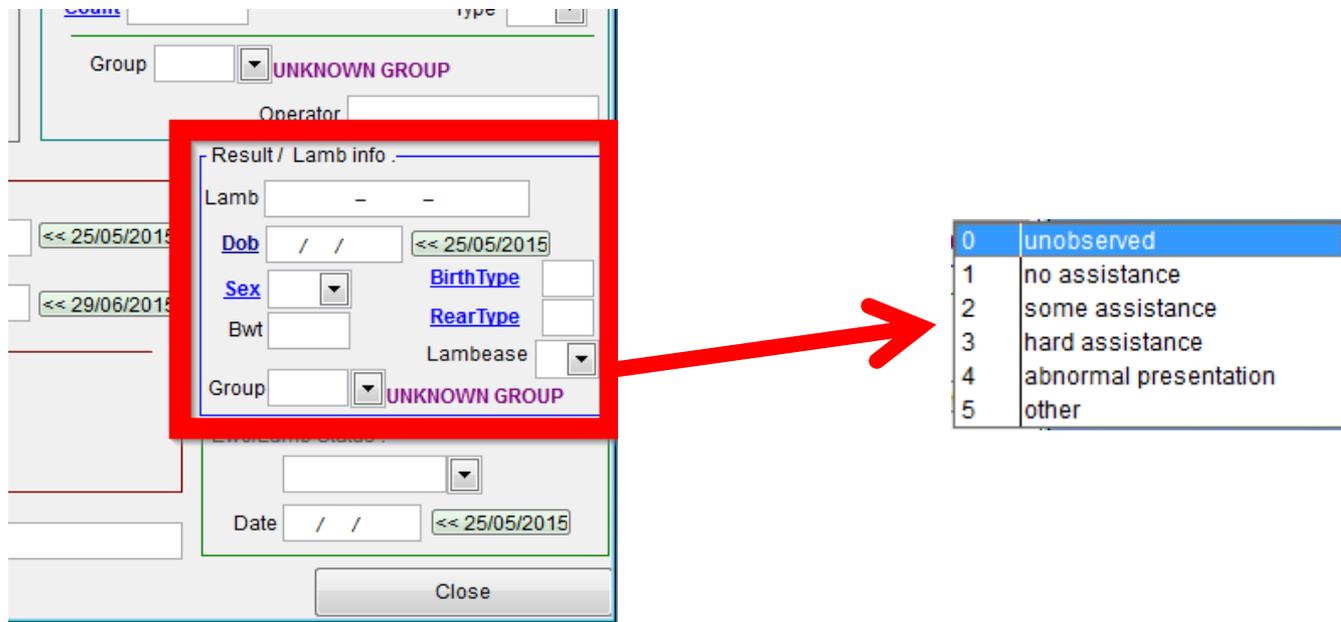












**Result / Lamb info:** 16 Digit Sheep Genetics ID, this can be a new ID, that will then get imputed into the main database with all the information you have filled in about it getting transferred across.

**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 lambed. 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.

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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:

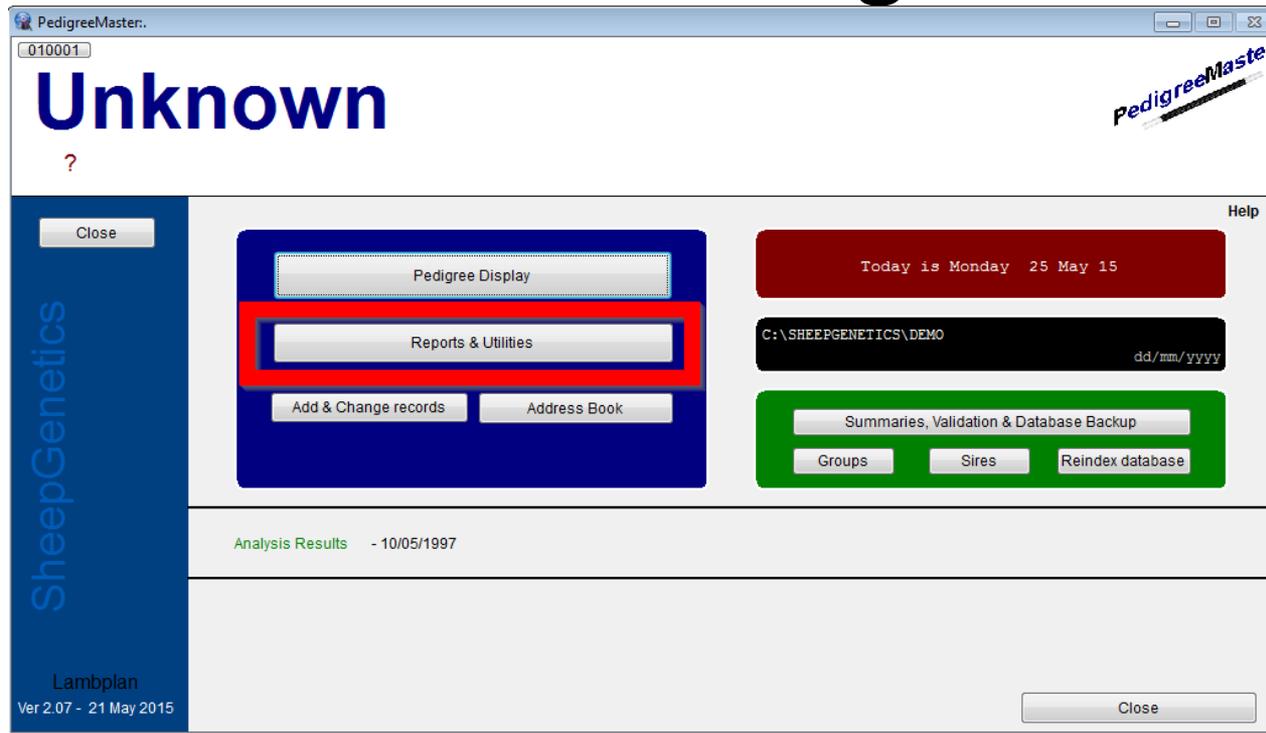
**Sold:** Ewe was sold prior to getting a lambing result. This status is vital if a ewe was scanned in lamb and then does not get a lamb recorded.

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

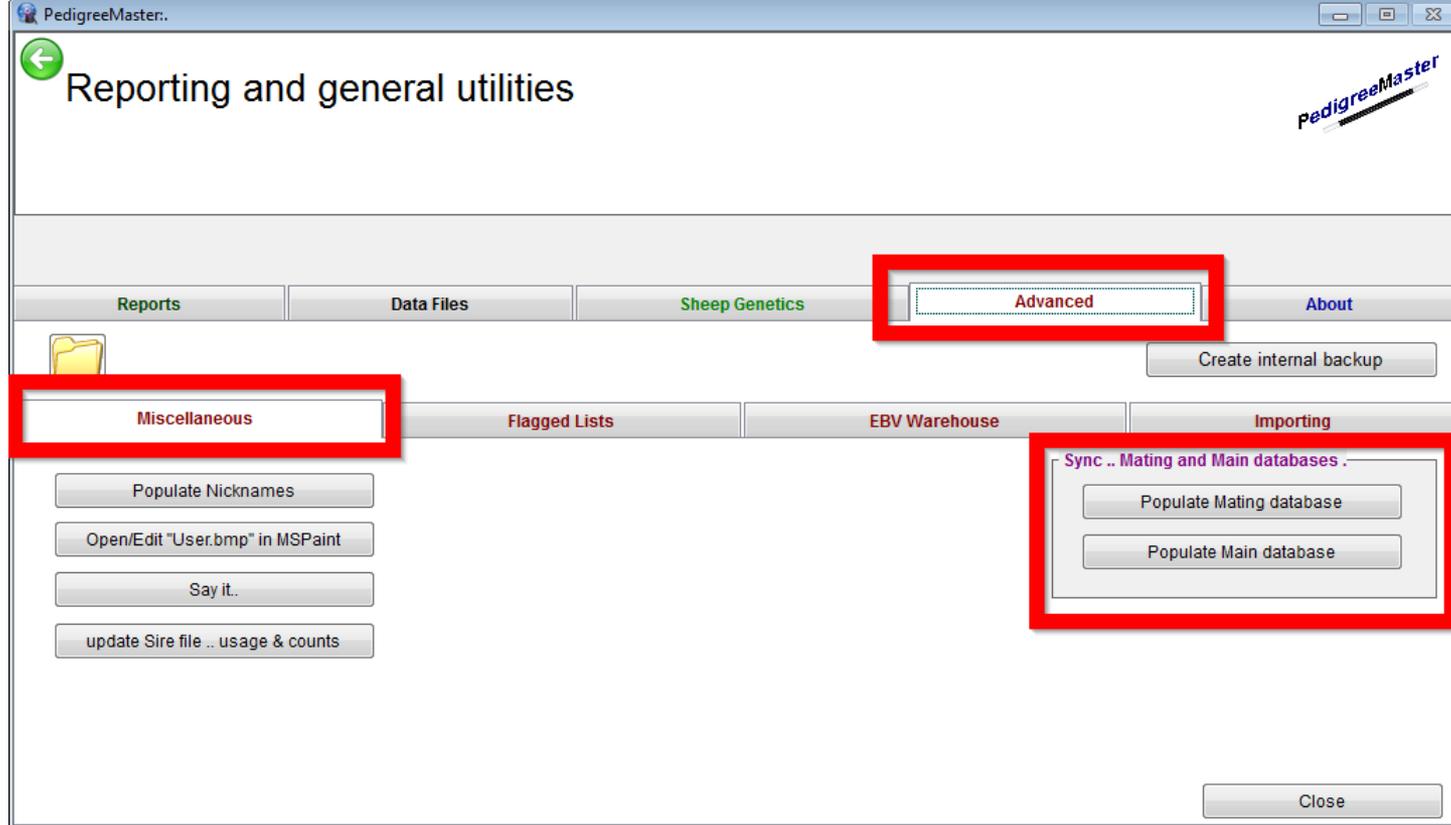
**Dry:** Ewe did not lamb as a result of that joining, she may not have been scanned, or was scanned in lamb but has no lamb and lambing.

**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

?

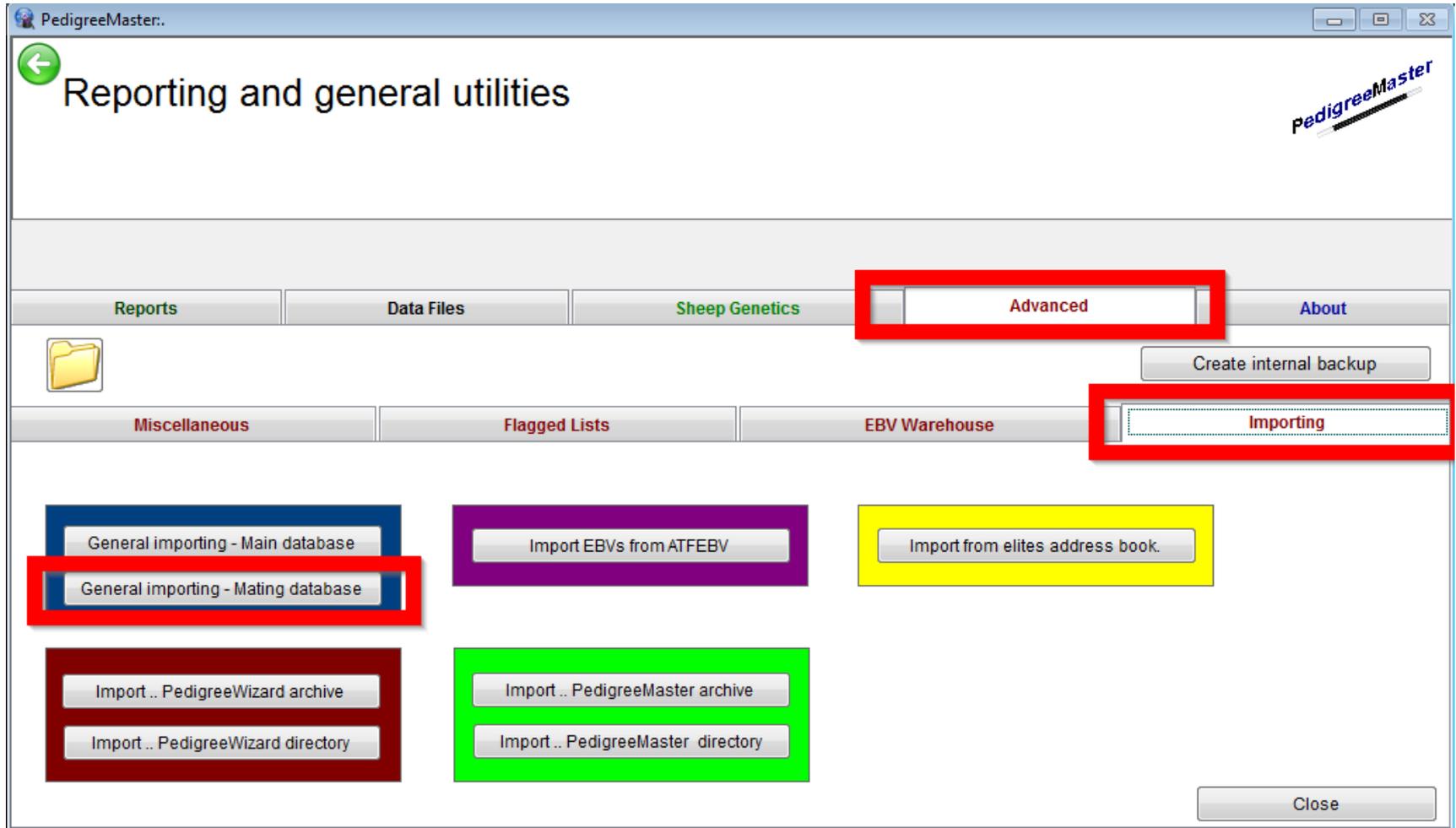
Help

Analysis Results - 10/05/1997

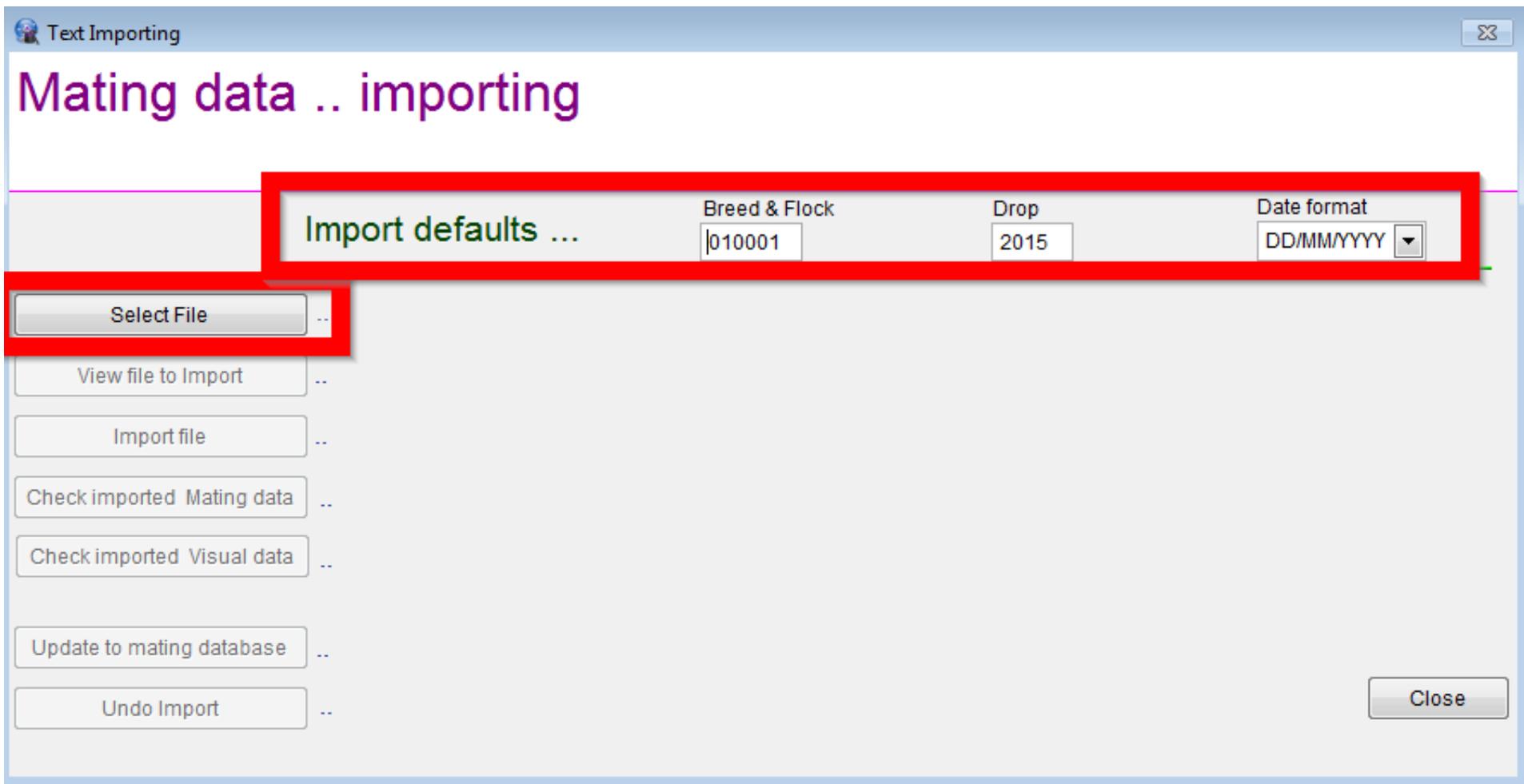
Lambplan

Ver 2.07 - 21 May 2015

- Enter 'Reports & Utilities'



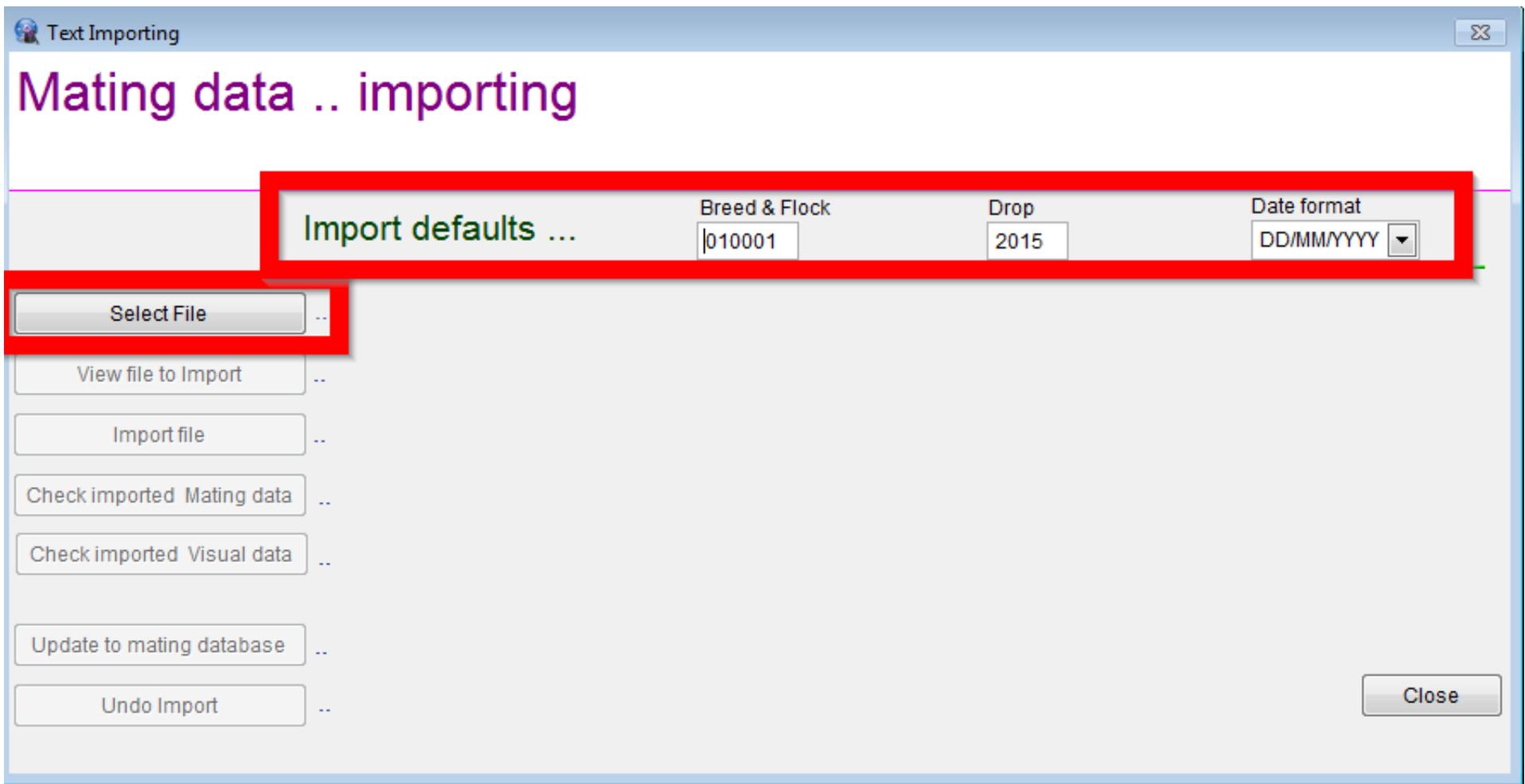
1. Go to 'Advanced' tab,
2. Then the 'Importing' tab,
3. And finally, click on 'Gen importing – Mating Database'



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).*

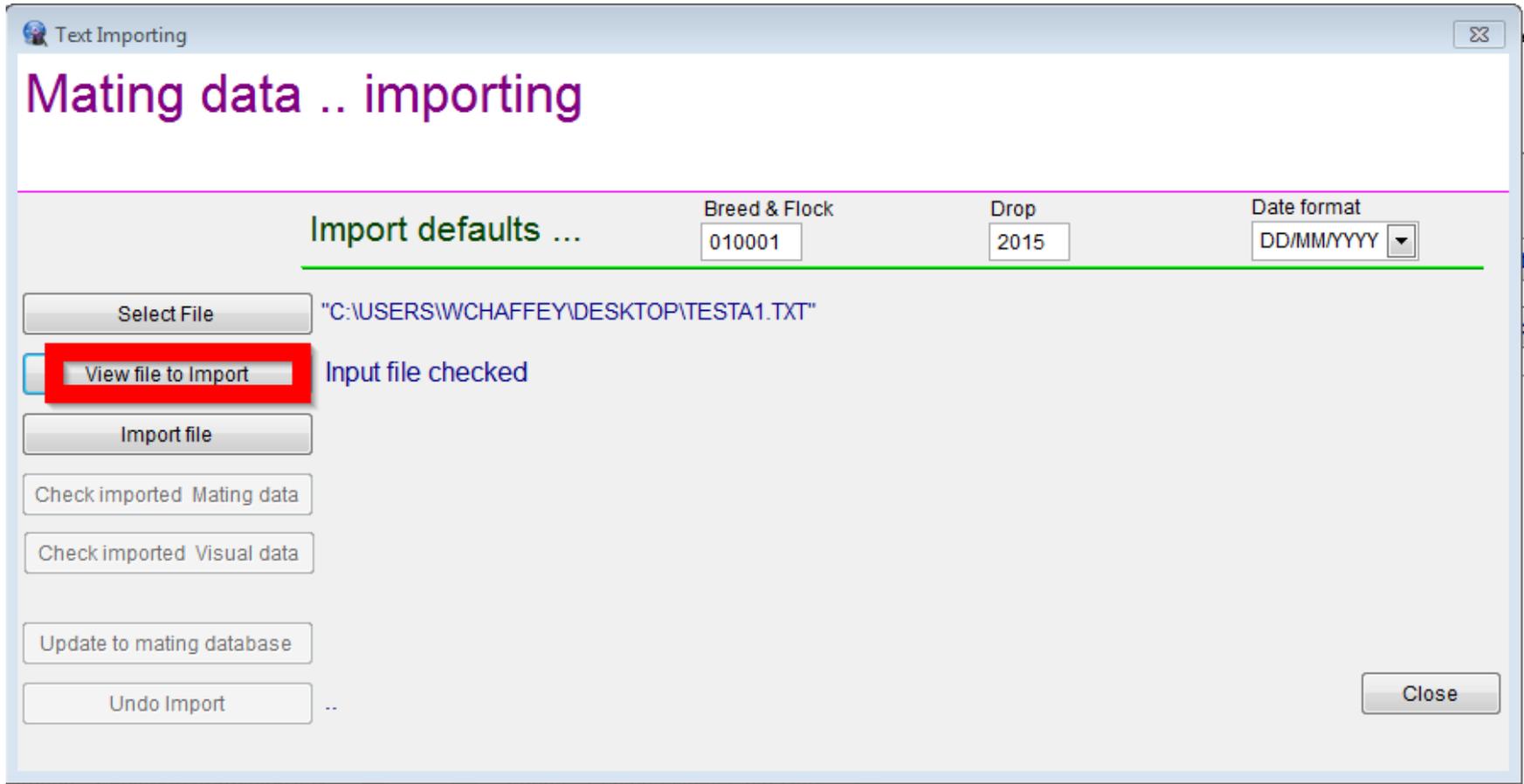
# What format should my import file be?

- 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.



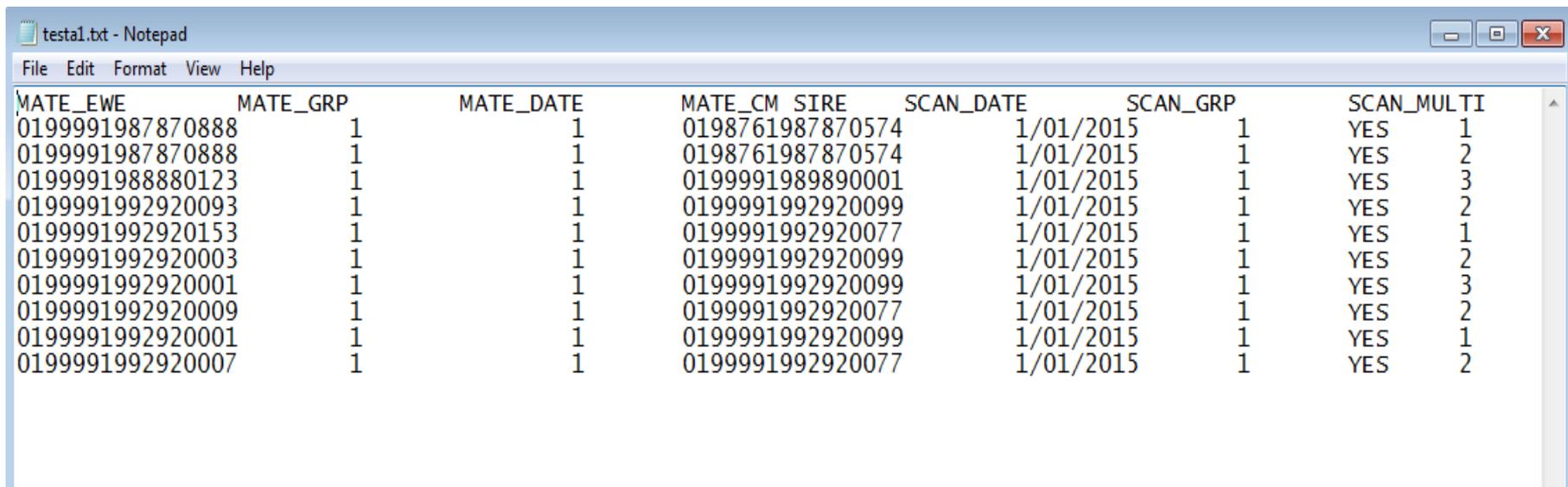
1. Select the file you want to import.

# Try viewing the file



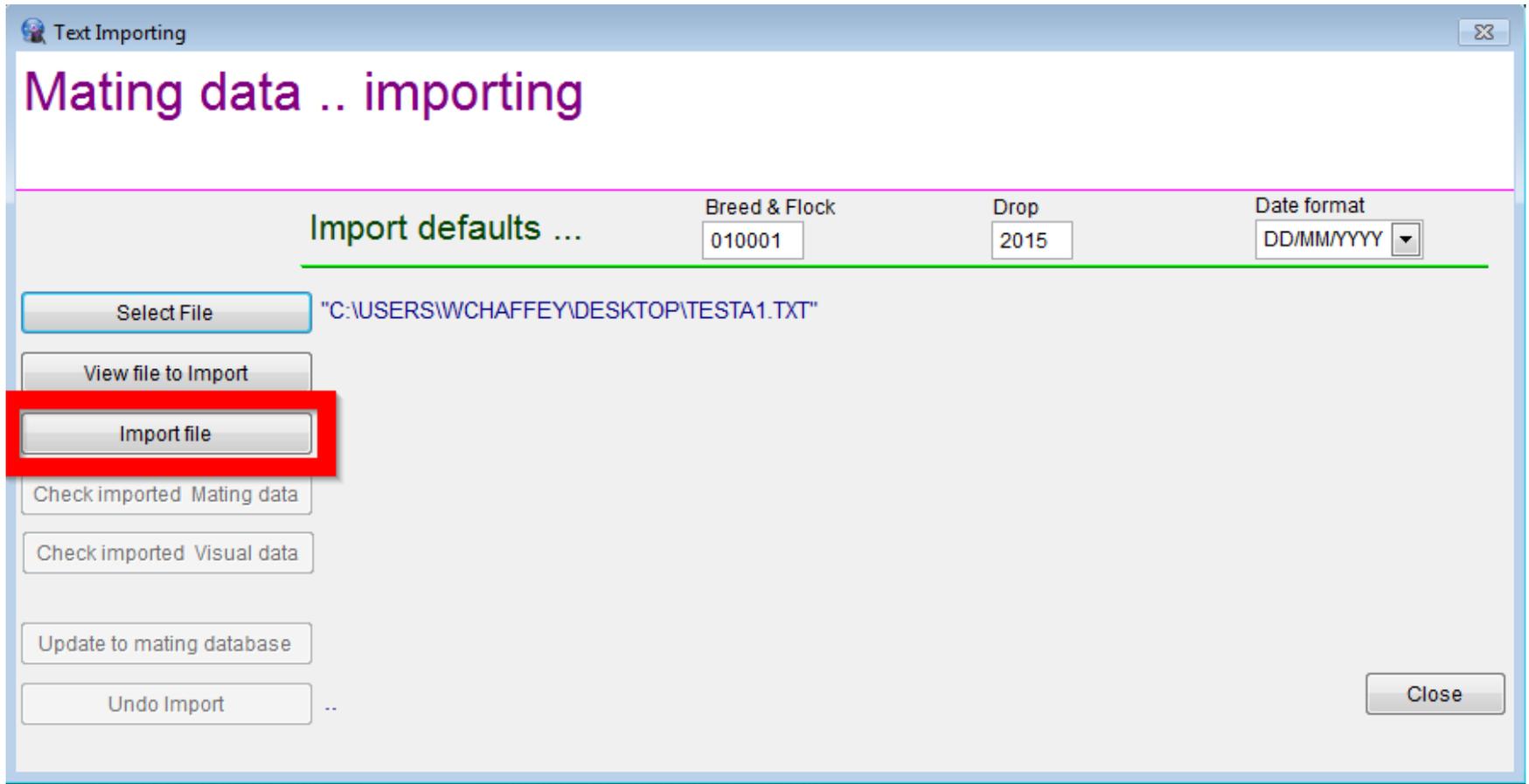
This will give you a summary of what you are about to import into the Mating Database. And possibly pick up on any errors that you may see.

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.

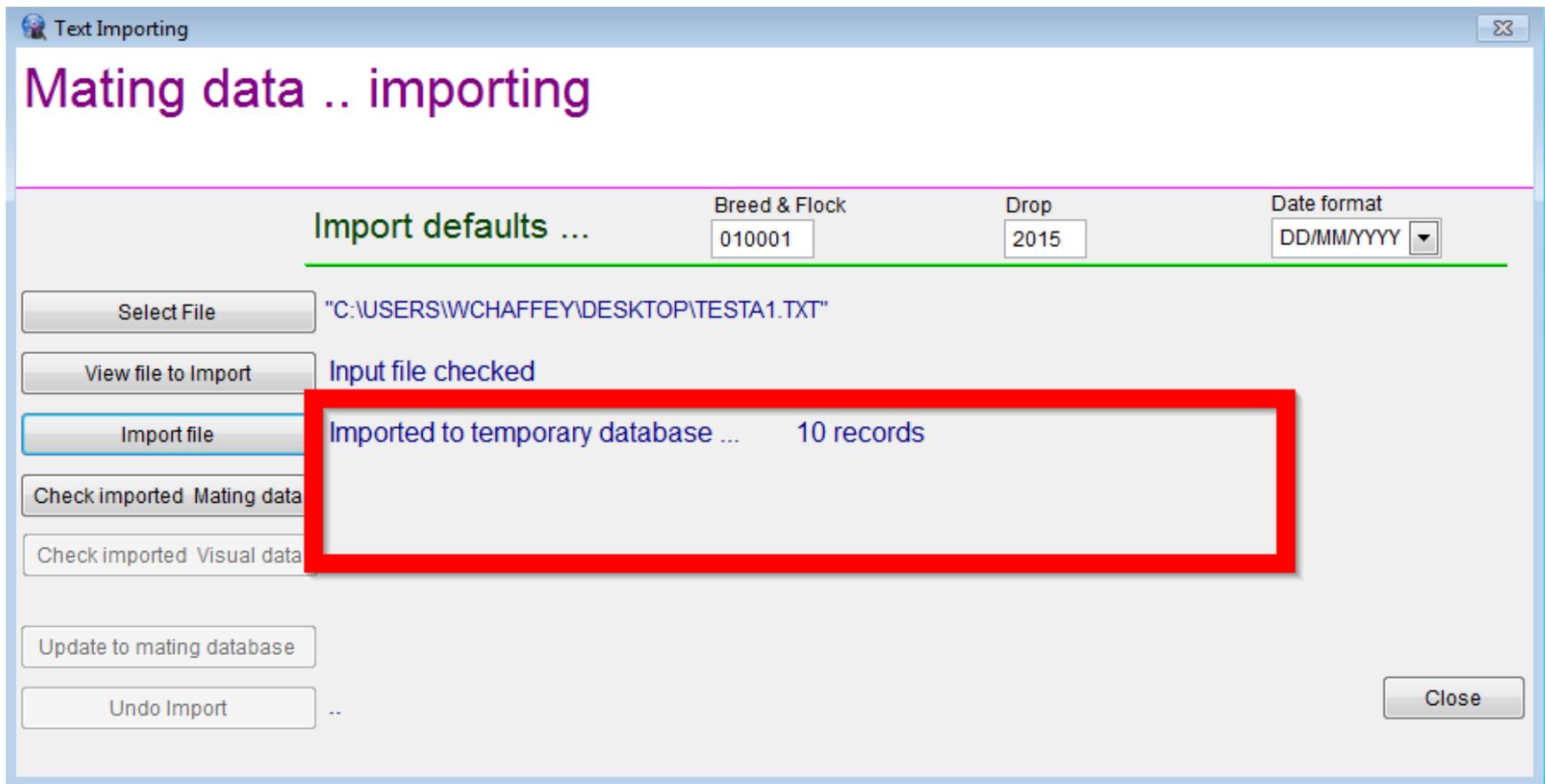


MATE_EWE	MATE_GRP	MATE_DATE	MATE_CM SIRE	SCAN_DATE	SCAN_GRP	SCAN_MULT I
0199991987870888	1	1	0198761987870574	1/01/2015	1	YES 1
0199991987870888	1	1	0198761987870574	1/01/2015	1	YES 2
0199991988880123	1	1	0199991989890001	1/01/2015	1	YES 3
0199991992920093	1	1	0199991992920099	1/01/2015	1	YES 2
0199991992920153	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

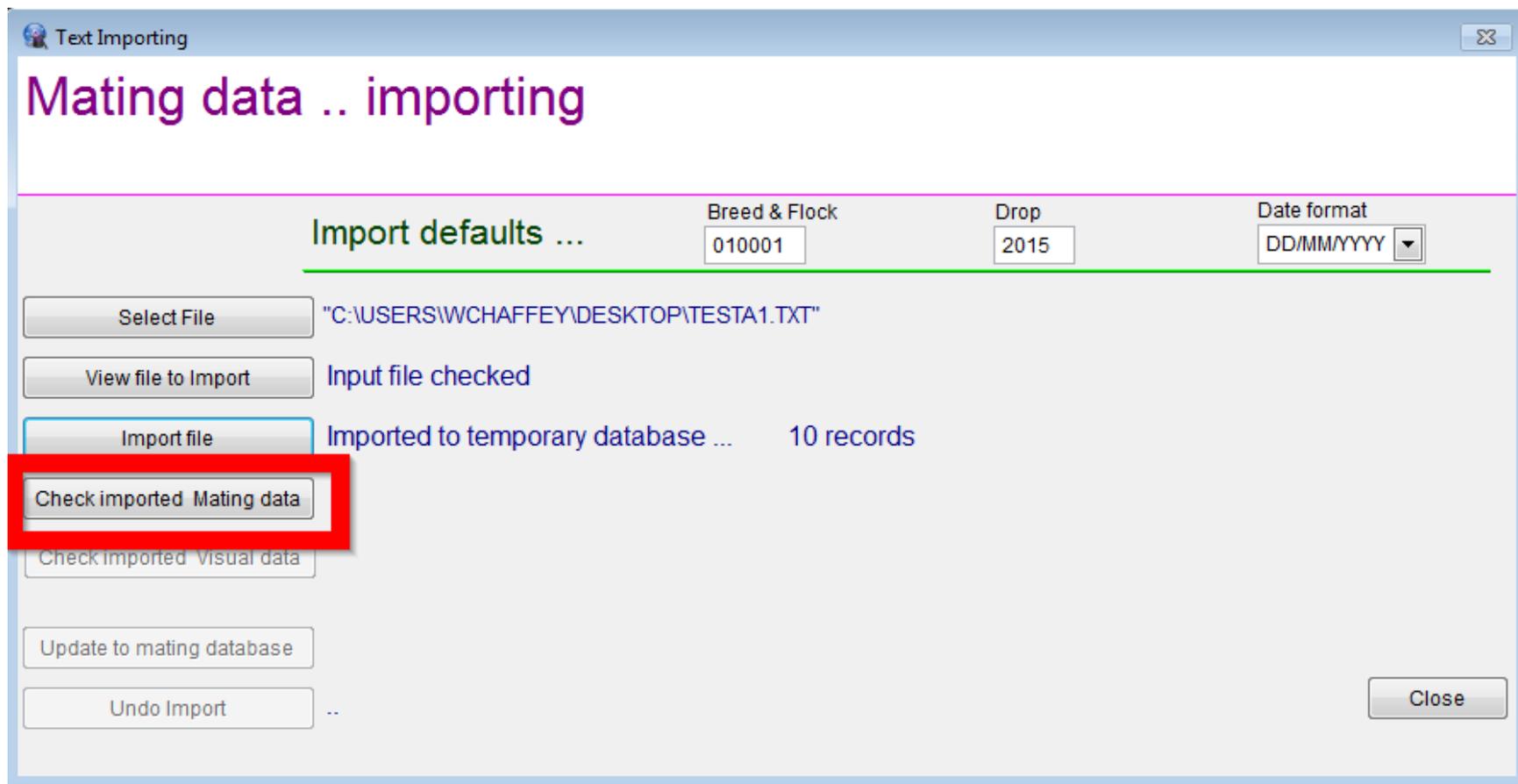
# Now click on 'import file'



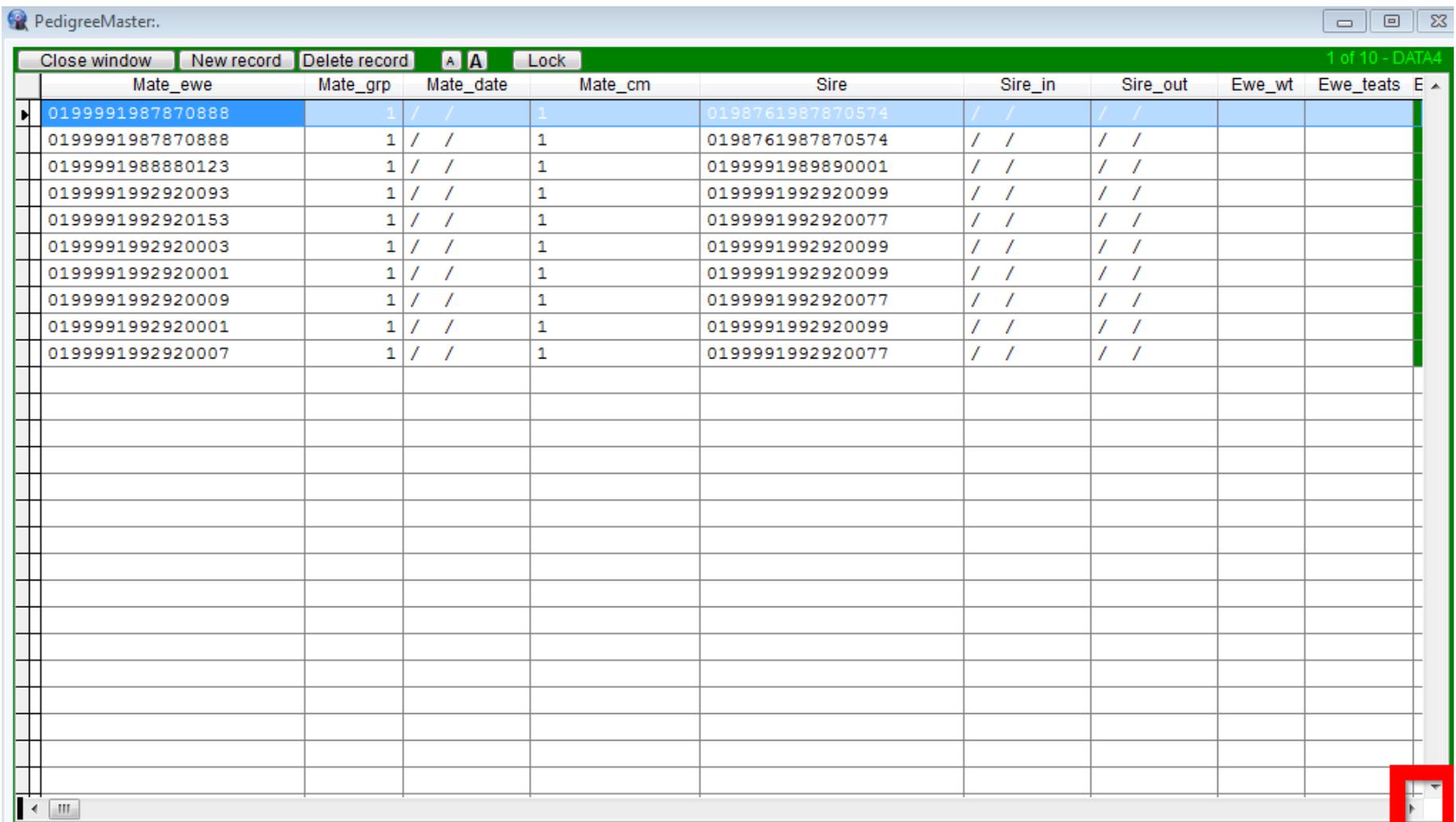
This section will give you feedback on the number of records that are getting imported. This is a good opportunity to ensure all your data is importing correctly.



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.



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.



PedigreeMaster. 1 of 10 - DATA4

Mate_ewe	Mate_grp	Mate_date	Mate_cm	Sire	Sire_in	Sire_out	Ewe_wt	Ewe_teats	E
0199991987870888	1	/ /	1	0198761987870574	/ /	/ /			
0199991987870888	1	/ /	1	0198761987870574	/ /	/ /			
0199991988880123	1	/ /	1	0199991989890001	/ /	/ /			
0199991992920093	1	/ /	1	0199991992920099	/ /	/ /			
0199991992920153	1	/ /	1	0199991992920077	/ /	/ /			
0199991992920003	1	/ /	1	0199991992920099	/ /	/ /			
0199991992920001	1	/ /	1	0199991992920099	/ /	/ /			
0199991992920009	1	/ /	1	0199991992920077	/ /	/ /			
0199991992920001	1	/ /	1	0199991992920099	/ /	/ /			
0199991992920007	1	/ /	1	0199991992920077	/ /	/ /			

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

The screenshot shows the PedigreeMaster software interface. The window title is "PedigreeMaster.". The menu bar includes "Close window", "New record", "Delete record", "A A", and "Lock". The status bar shows "1 of 10 - DATA4". The main area is a data table with the following columns: Ewe, Mate\_grp, Mate\_date, Mate\_cm, Sire, Sire\_in, Sire\_out, Ewe\_wt, and Ewe\_teats. The first row is highlighted in blue.

Ewe	Mate_grp	Mate_date	Mate_cm	Sire	Sire_in	Sire_out	Ewe_wt	Ewe_teats
0199991987870888	1	/ /	1	0198761987870574	/ /	/ /		
0199991987870888	1	/ /	1	0198761987870574	/ /	/ /		
0199991988880123	1	/ /	1	0199991989890001	/ /	/ /		
0199991992920093	1	/ /	1	0199991992920099	/ /	/ /		
0199991992920153	1	/ /	1	0199991992920077	/ /	/ /		
0199991992920003	1	/ /	1	0199991992920099	/ /	/ /		
0199991992920001	1	/ /	1	0199991992920099	/ /	/ /		
0199991992920009	1	/ /	1	0199991992920077	/ /	/ /		
0199991992920001	1	/ /	1	0199991992920099	/ /	/ /		
0199991992920007	1	/ /	1	0199991992920077	/ /	/ /		

# 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.

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". Below this, there are several sections:

- Import defaults ...**: Includes fields for "Breed & Flock" (010001), "Drop" (2015), and "Date format" (DD/MM/YYYY).
- Select File**: Shows the file path "C:\USERS\WCHAFFEY\DESKTOP\TESTA1.TXT".
- View file to Import**: Shows the status "Input file checked".
- Import file**: Shows the status "Imported to temporary database ... 10 records".
- Check imported Mating data**: Shows the status "Data checked ..".
- Check imported Visual data**: This button is highlighted with a red rectangular box.
- Update to mating database**: Includes a dropdown menu for "Update mating info based on".
- Undo Import**: A button at the bottom left.
- Close**: A button at the bottom right.

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.

The screenshot shows the 'Text Importing' application window. The title bar reads 'Text Importing'. The main window title is 'Mating data .. importing'. Below the title, there are several input fields: 'Import defaults ...' (with a green underline), 'Breed & Flock' (010001), 'Drop' (2015), and 'Date format' (DD/MM/YYYY). A series of buttons on the left are followed by status messages: '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 ..), and 'Check imported Visual data' (Data checked ..). At the bottom, the 'Update to mating database' button is highlighted with a red box. A dropdown menu is also highlighted with a red box, showing the following options: '1 Lamb id', '2 Mate Ewe + Mate Date', '3 Mate Ewe + Mate Date + Scan Date', '4 Mate Ewe + Mate Date + Scan Date + Lamb id', and '5 Mate Ewe + Scan Date'. Other buttons include 'Undo Import' and '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