

Sheep Genetics Data Submission Process

How to Guide: Submit your data to Sheep Genetics

From February 2023, Sheep Genetics will be releasing an update to the website which will enable Sheep Genetics members to submit their own data to Sheep Genetics for genetic analysis, and to have data included in the routine analysis runs. This document explains steps required on how to submit your data to Sheep Genetics.

How to upload your XML for submission to Sheep Genetics

1. Log into your Sheep Genetics account and scroll down to the 'Your flocks' box, then click the 'submissions' button (Figure 1) to take you through to the submission portal (Figure 2)

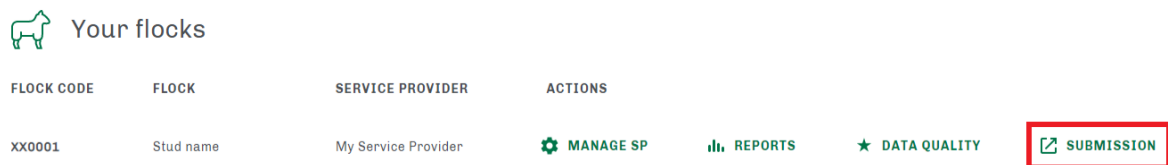


FIGURE 1. 'YOUR FLOCKS' BOX AND THE 'SUBMISSIONS' BUTTON WHICH WILL TAKE YOU TO THE SUBMISSION PORTAL

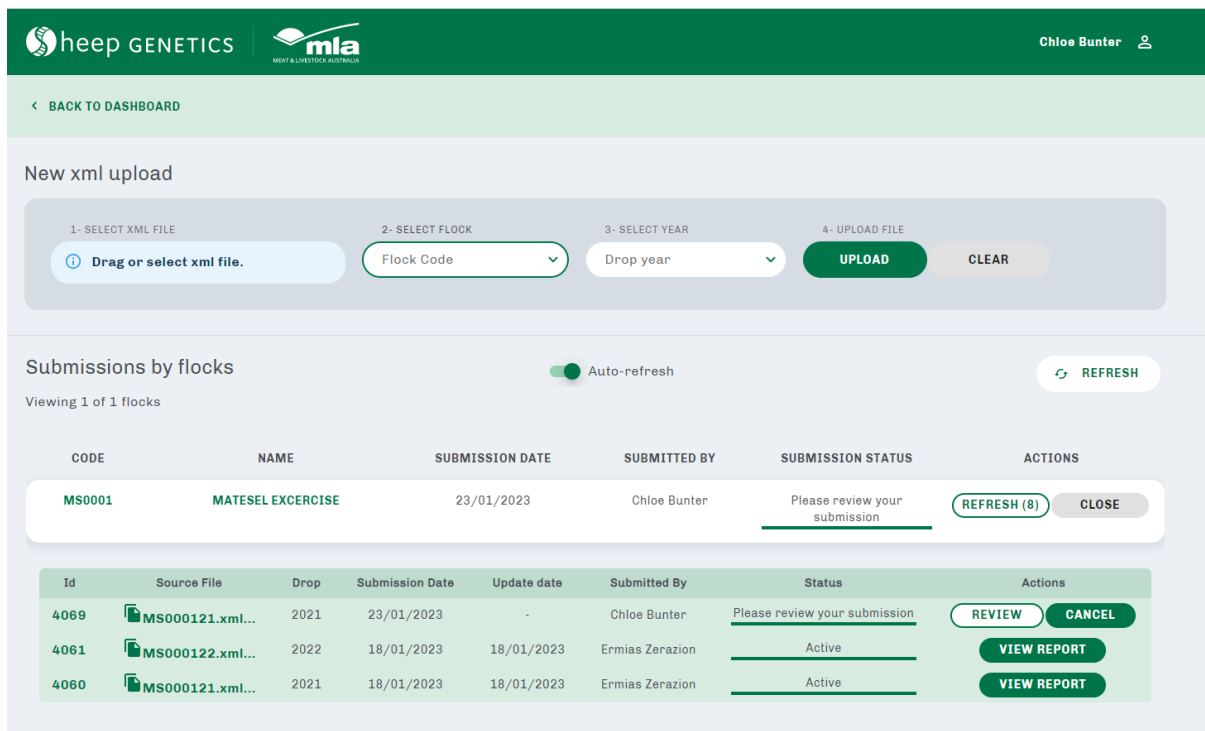


FIGURE 2. 'SUBMISSION PORTAL' PAGE

Top Tip!

**** Double check that the correct flock code and drop year have prepopulated ****

- Find the location of your XML file you wish to upload on your computer, click the file and drag and drop it into the blue box 'Drag or select XML file' (see C of Figure 3). Alternatively, click the blue box 'Drag or select XML file' (see C of Figure 3) and click to find the location of your file on your computer, select the file and click open. The 'Flock Code' (A of Figure 3) and 'Drop Year' (B of Figure 3) will prepopulate as per the file name. Check that the correct flock code and drop year have been prepopulated

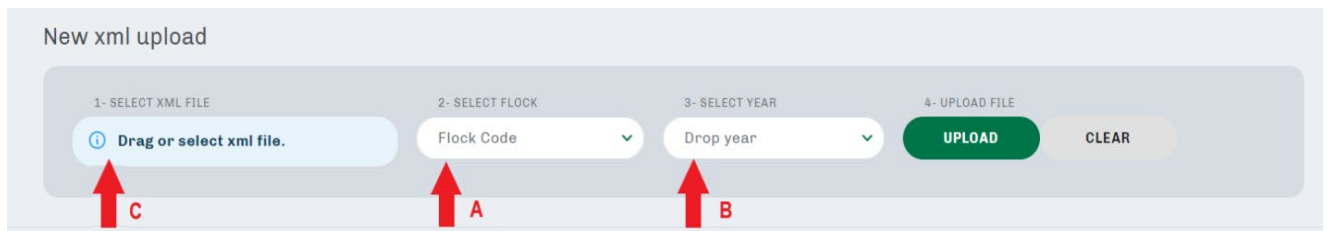


FIGURE 3. SUBMITTING YOUR XML INTO SHEEP GENETICS

- Then click upload to begin the submission process. It may take a while to upload, be patient while the file is submitted for upload.

If you have uploaded an incorrect file, click 'clear' and re-start the steps with the correct XML.

- Once the file is uploaded, you will see a green 'Upload successful: processing on server...' box pop up (Figure 4).

If your file is not uploaded successfully at this stage, it has not passed initial validation. This may be due to an incorrect file type, incorrect file name, or incorrect data (i.e., incorrect IDs, 2021 data included in file but file name says 2022, etc.).

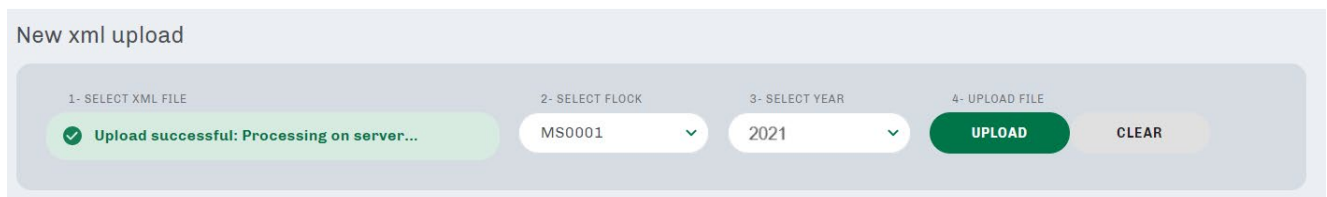


FIGURE 4. UPLOADING XML

- During the uploading process, your file will undergo several validation and processing steps. These steps include checking the data is correct, flattening the file, comparison of the current submission to a past submission, etc. The file status will be updated accordingly through this

process. This process is expected to take up to 10 minutes from submission to review (if the file submission is successful).

Once the upload is successful if the 'status' of the submission is 'Please review your submission' (Figure 5). Click the 'Review' button to check the submission summary.

Submissions by flocks Auto-refresh REFRESH

Viewing 1 of 1 flocks

CODE	NAME	SUBMISSION DATE	SUBMITTED BY	SUBMISSION STATUS	ACTIONS
MS0001	MATESEL EXERCISE	23/01/2023	Chloe Bunter	Please review your submission	REFRESH (0) CLOSE

Id	Source File	Drop	Submission Date	Update date	Submitted By	Status	Actions
4069	MS000121.xml...	2021	23/01/2023	-	Chloe Bunter	Please review your submission	REVIEW CANCEL
4061	MS000122.xml...	2022	18/01/2023	18/01/2023	Ermias Zerazion	Active	VIEW REPORT
4060	MS000121.xml...	2021	18/01/2023	18/01/2023	Ermias Zerazion	Active	VIEW REPORT

FIGURE 5. SUCCESSFUL UPLOAD OF AN XML SUBMISSION

6. Overview your submission summary, taking careful note of the following;

Overall Summary (see A in Figure 6) – the year drop uploaded, total number of animals in the XML file, the number of changes, the ratio of male/female. Also take note of the number of exclusions and warning (red highlighted box in top right corner)

Measurements (see B in Figure 6) - the number of measurements for each trait, minimum and maximum values of measurement for each trait

Exclusions (see C in Figure 6) – if there is any data excluded or warning placed on any data you can see which records are being excluded/have a warning placed on them and why

Compare Change (see D in Figure 6) – any changes between the current submission and previous submission for the same year drop

Management Groups (see E in Figure 6) – check the name of management groups, number of groups and number of animals in each group matches to what is occurring on farm

Mating Information (see F in Figure 6) – check mate method, ewe ID, sire ID, mate date, number of records submitted

Sire Usage (see G in Figure 6) – check the sire IDs, stud of breeding, sire of sire details, and progeny ratio male/female is correct

Review Upload

✉
SUBMIT
ABORT

Submission summary

Please review the summary of your file before you submit.

Source file : MS000121.xml
Submission date : 23/01/2023

0 EXCLUSIONS

0 WARNINGS

TOTAL ANIMALS	PREVIOUSLY	CHANGE	MALE / FEMALE	MATING
2021	50	57	-7	29/21

↓ B MEASUREMENTS
 ↓ C EXCLUSIONS
 ↓ D COMPARE CHANGE
 ↓ E MANAGEMENT GROUPS
 ↓ F MATING INFORMATION
 ↓ G SIRE USAGE

Measurements - All 28 Traits

Please review the summary of your file before you submit.

TRAIT CODE	TOTAL	MALE	%	FEMALE	%	MIN	MAX
BT	50	29	100%	21	100%	1	2
BWT	50	29	100%	21	100%	2.5	8.1
COMMENT	3	2	8%	1	4%		
DOB	50	29	100%	21	100%	9/7/2021	24/7/2021
ECF	43	28	89%	17	80%	2.5	6
EEMD	43	28	89%	17	80%	18	34
ESC	26	26	89%	0	0%	19	31
EWT	44	28	89%	18	85%	27.5	61
FATECODE	5	0	0%	5	23%		
FATEDATE	1	0	0%	1	4%	13/2/2022	13/2/2022

Rows per page: 10 1-10 of 28

SELECT A TRAIT CODE

Trait Code

Trait distribution

Select a numeric trait to see distribution.

FIGURE 6. REVIEW YOUR SUBMISSION SUMMARY

- After reviewing your submission summary, you may attach a message (see A in Figure 7) to the submission for Sheep Genetics admin (i.e. whether you have removed a number of animals from the submission file). Alternatively, you can either submit the file (see B in Figure 7) or abort the submission (see C in Figure 7).

< BACK TO SUBMISSIONS

↓ A
↓ B
↓ C

Review Upload

✉
SUBMIT
ABORT

Submission summary

Please review the summary of your file before you submit.

Source file : MS000121.xml
Submission date : 23/01/2023

0 EXCLUSIONS

0 WARNINGS

FIGURE 7. ATTACH A MESSAGE, SUBMIT, OR ABORT THE SUBMISSION

- If you attach a note, write your message in the 'add comment' box (Figure 8) and click the green 'send' button – this will be sent to Sheep Genetics admin to read when they review your

file submission

Comments

Add a comment against your submission here. They can only be added to and not edited / deleted.

MLA Admin:

No message

Submitter:

No message

Add Comment:

Please find the 2021 drop file - note there is a change in the total number of animals. Thank you!

CANCEL

SEND

FIGURE 8. SEND A MESSAGE TO SHEEP GENETICS ADMIN ABOUT YOUR FILE SUBMISSION

9. Sheep Genetics admin may reply to this message where relevant. These messages will be logged against the specific file submission. You can read over the messages by clicking into the specific submission, then clicking the message icon.
10. After clicking the submission button, Sheep Genetics will overview your submission before it is sent to analysis. Your submission will show that it 'Waiting for MLA to review' in the submission dashboard (Figure 9).

Submissions by flocks Auto-refresh REFRESH

Viewing 1 of 1 flocks

CODE	NAME	SUBMISSION DATE	SUBMITTED BY	SUBMISSION STATUS	ACTIONS
MS0001	MATESEL EXERCISE	23/01/2023	Chloe Bunter	Waiting for MLA to review	REFRESH (5) CLOSE


Id	Source File	Drop	Submission Date	Update date	Submitted By	Status	Actions
4069	 MS000121.xml...	2021	23/01/2023	-	Chloe Bunter	Waiting for MLA to review	VIEW CANCEL

FIGURE 9. YOUR SUBMISSION IS 'WAITING FOR MLA TO REVIEW' AFTER SUBMISSION

11. Sheep Genetics admin will then review your submission and accept or reject accordingly. Sheep Genetics admin can also reply to any messages sent with the submission file.
12. Once Sheep Genetics admin has reviewed and accepted your submission, your submission will read as 'Active' (Figure 10) and will be sent for analysis in the next run.

Submissions by flocks Auto-refresh REFRESH

Viewing 1 of 1 flocks

CODE	NAME	SUBMISSION DATE	SUBMITTED BY	SUBMISSION STATUS	ACTIONS
MS0001	MATESEL EXERCISE	23/01/2023	Chloe Bunter	Waiting for MLA to review	REFRESH (2) CLOSE

Id	Source File	Drop	Submission Date	Update date	Submitted By	Status	Actions
4069	MS000121.xml...	2021	23/01/2023	-	Chloe Bunter	Waiting for MLA to review	VIEW CANCEL
4061	MS000122.xml...	2022	18/01/2023	18/01/2023	Ermias Zerazion	Active	VIEW REPORT

FIGURE 10. YOUR SUBMISSION IS APPROVED AND ACTIVE FOR GENETIC ANALYSIS