

# MSA Carcase Competition Model

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## using the model

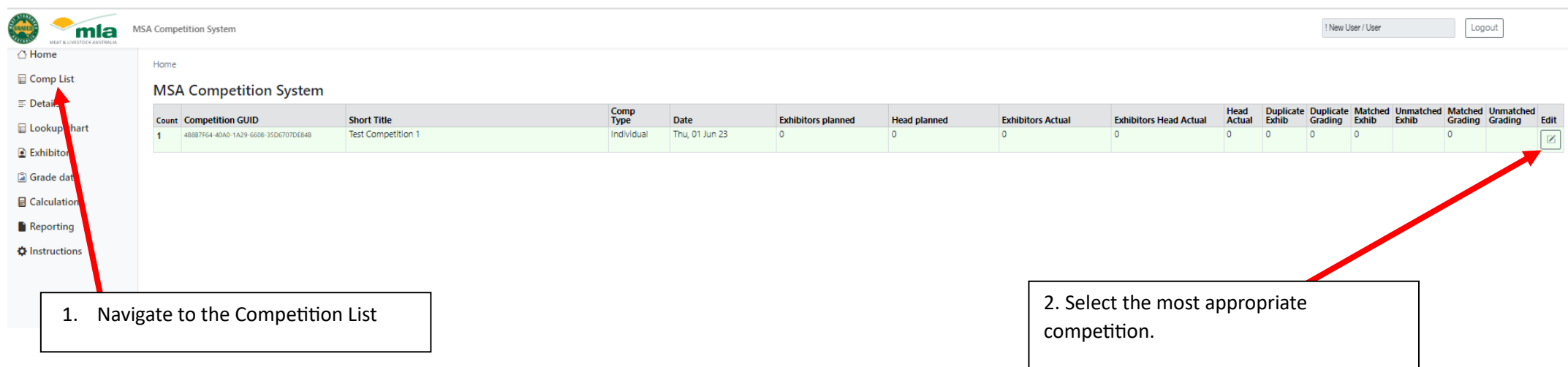
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## Using the model

### 1.1 Step 1 (Select Competition, Double check the details & competition rules)

To start, navigate to the Competition List by selecting the comp list from the left-hand side manual. Next select the competition you would like to run by clicking on the edit link.



The screenshot shows the MSA Competition System interface. On the left is a navigation menu with options: Home, Comp List, Details, Lookup chart, Exhibitor, Grade data, Calculation, Reporting, and Instructions. The 'Comp List' option is highlighted with a red arrow pointing to it. The main content area displays a table titled 'MSA Competition System' with the following columns: Count, Competition GUID, Short Title, Comp Type, Date, Exhibitors planned, Head planned, Exhibitors Actual, Exhibitors Head Actual, Head Actual, Duplicate Exhib, Duplicate Grading, Matched Exhib, Unmatched Exhib, Matched Grading, Unmatched Grading, and Edit. The first row of data shows a count of 1 for a competition with GUID 48887f64-40a0-1a29-6608-35d67070de8b, titled 'Test Competition 1', of type 'Individual', dated 'Thu, 01 Jun 23', with 0 exhibitors planned and 0 head planned. The 'Edit' column for this row contains a pencil icon, which is highlighted with a red arrow. Below the table, there are two numbered instructions in boxes: '1. Navigate to the Competition List' and '2. Select the most appropriate competition.'

| Count | Competition GUID                     | Short Title        | Comp Type  | Date           | Exhibitors planned | Head planned | Exhibitors Actual | Exhibitors Head Actual | Head Actual | Duplicate Exhib | Duplicate Grading | Matched Exhib | Unmatched Exhib | Matched Grading | Unmatched Grading | Edit                                                                                |
|-------|--------------------------------------|--------------------|------------|----------------|--------------------|--------------|-------------------|------------------------|-------------|-----------------|-------------------|---------------|-----------------|-----------------|-------------------|-------------------------------------------------------------------------------------|
| 1     | 48887f64-40a0-1a29-6608-35d67070de8b | Test Competition 1 | Individual | Thu, 01 Jun 23 | 0                  | 0            | 0                 | 0                      | 0           | 0               | 0                 | 0             | 0               | 0               | 0                 |  |

1. Navigate to the Competition List
2. Select the most appropriate competition.

Once you have selected the competition it will open the Competition details page. Double check the Competition details. As a User you have the ability to change a few details here however any cells that are 'greyed' cannot be changed, if changes are to be made, please call: MSA Enquiries on 1800 111 672.

MSA Competition System - Test Competition 1

Home / Competition Details - Test Competition 1

Competition full name (255)

Test Competition 1

Short Title (100)

Test Competition 1

Date (yyyy-mm-dd)

2023-06-01

Actual No. of Exhibitors

0

Actual No. of Head

0

Report Title

Test Competition 1

Report Sub Title

Test Competition 1

Exhibitor CSV or manual

CSV upload

Pen or Individual Animal based Competition

Individual Animal Competition

Notes (Competition like careful feeding a comp as an email request is required for recovery)

Visible

Eating Quality

MSA/RD Points

45

RD Points Total

45

Market Specifications

PE points

10

RTT points

10

MC points

5

TC points

0

RTT points

0

Market Specification Total Points

25

LMV/SMV

EMR points

10

SMV/UMV points

0

LMV/SMV Point Total

10

Pen Bonus

Pen Bonus MDCW

0

Pen Bonus LMV

0

Pen Bonus MSA

0

Pen Bonus Points Total

0

Grand total

RD Points Total

45

Market Specification Total Points

25

LMV/SMV Point Total

10

Pen Bonus Points Total

0

Grand total

100

Notes about the plant(s)

Test competition for training exercises only

Notes about MSA involvement

Notes about the grading and data collection

Update

Classes

Classes for this competition:

| Class | Long Title                                     |
|-------|------------------------------------------------|
| 1     | Class 1 - Single Steer or Heifer 500-575kg LW  |
| 2     | Class 2 - Single Steer or Heifer 571-645kg LW  |
| 3     | Class 3 - Single Steer or Heifer 641-715kg LW  |
| 4     | Class 4 - Single Steer or Heifer 711-101+kg LW |

Double check Competition rules and point allocation from the Lookup chart from the left-hand Menu.

This will open in a separate Tab & you have the ability to download this as a pdf if scoring needs to be discussed with an organization or board. Please review this carefully as it will contain the Class definitions & point allocations for each class.

## MSA Competition System - Rules and Export Report

### Test Competition 1

[Download PDF](#) [Attribute Glossary](#)

| Meat Colour Points and Penalties               |    |  |  |  |  |  |  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |   |   |   |   |   |  |  |  |  |
|------------------------------------------------|----|--|--|--|--|--|--|----|--|--|--|--|--|--|----|--|--|--|--|--|--|---|---|---|---|---|--|--|--|--|
| Score                                          | 1A |  |  |  |  |  |  | 1B |  |  |  |  |  |  | 1C |  |  |  |  |  |  | 2 | 3 | 4 | 5 | 6 |  |  |  |  |
| Class 1 - Single Steer or Heifer 300-370kg LW  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |   |   |   |   |   |  |  |  |  |
| Class 2 - Single Steer or Heifer 371-440kg LW  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |   |   |   |   |   |  |  |  |  |
| Class 3 - Single Steer or Heifer 441-510kg LW  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |   |   |   |   |   |  |  |  |  |
| Class 4 - Single Steer or Heifer 511-551+kg LW |    |  |  |  |  |  |  |    |  |  |  |  |  |  |    |  |  |  |  |  |  |   |   |   |   |   |  |  |  |  |

| P8 Fat Combine Points and Penalties            |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |  |  |
|------------------------------------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|--|--|
| Score                                          | 0 | 1 | 2 | 3 | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |   |   |  |  |
| Class 1 - Single Steer or Heifer 300-370kg LW  | 0 | 0 | 2 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 |  |  |
| Class 2 - Single Steer or Heifer 371-440kg LW  | 0 | 0 | 2 | 4 | 6  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 |  |  |
| Class 3 - Single Steer or Heifer 441-510kg LW  | 0 | 0 | 0 | 2 | 4  | 6  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 |  |  |
| Class 4 - Single Steer or Heifer 511-551+kg LW | 0 | 0 | 0 | 0 | 0  | 2  | 6  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 |  |  |

| Rib Fat 10/11th rib Points and Penalties       |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------------------------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Score                                          | 0 | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| Class 1 - Single Steer or Heifer 300-370kg LW  | 0 | 0 | 4 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Class 2 - Single Steer or Heifer 371-440kg LW  | 0 | 0 | 2 | 4  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Class 3 - Single Steer or Heifer 441-510kg LW  | 0 | 0 | 0 | 2  | 4  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Class 4 - Single Steer or Heifer 511-551+kg LW | 0 | 0 | 0 | 0  | 2  | 4  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

If changes are required, please download and complete a “Competition Form” found in both the instructions and home page and send this to MSA Enquiries, such that MSA personnel can implement the desired changes.

## 1.2 Step 2 (Input of Exhibitor data)

For the input of the Exhibitor data, this can be completed either via manual data entry or by csv upload. A high attention to detail must be applied when filling out the csv. file and uploading this to the model. However, this is a lot quicker for competitions with a large number of exhibitors.

To select your preferred upload method, go to the Competition Detail page and select either CSV Upload or Manual from the drop-down menu.

MSA Competition System - Test Competition 1

Home / Competition Details - Test Competition 1

### Competition Details

Competition full name (250)  
Test Competition 1

Short Title (100)  
Test Competition 1

Date (yyyy-mm-dd)  
2023-06-01

Actual No. of Exhibitors  
0

Actual No. of Head  
0

Report Title  
Test Competition 1

Report Sub Title  
Test Competition 1

Exhibitor CSV or manual  
CSV upload

Pen or Individual Animal based Competition  
Individual

Hide Competition (Be careful hiding a comp as an email request is required for recovery)

Eating Quality  
MSA/EQ Points  
45

EQ Points Total  
45

Market Specifications

|                 |   |                  |   |                |   |                |   |                  |   |                                         |
|-----------------|---|------------------|---|----------------|---|----------------|---|------------------|---|-----------------------------------------|
| P8 points<br>10 | + | RFT points<br>10 | + | MC points<br>5 | + | FC points<br>0 | + | EFDS points<br>0 | = | Market Specification Total Points<br>25 |
|-----------------|---|------------------|---|----------------|---|----------------|---|------------------|---|-----------------------------------------|

LMY/SMY

|                  |   |                     |   |                           |
|------------------|---|---------------------|---|---------------------------|
| EMA points<br>30 | + | SMY/LMY points<br>0 | = | LMY/SMY Point Total<br>30 |
|------------------|---|---------------------|---|---------------------------|

Pen Bonus

|                     |   |                    |   |                    |   |                             |
|---------------------|---|--------------------|---|--------------------|---|-----------------------------|
| Pen Bonus HSCW<br>0 | + | Pen Bonus LMY<br>0 | + | Pen Bonus MSA<br>0 | = | Pen Bonus Points Total<br>0 |
|---------------------|---|--------------------|---|--------------------|---|-----------------------------|

Grand total

|                       |   |                                         |   |                           |   |                             |   |                    |
|-----------------------|---|-----------------------------------------|---|---------------------------|---|-----------------------------|---|--------------------|
| EQ Points Total<br>45 | + | Market Specification Total Points<br>25 | + | LMY/SMY Point Total<br>30 | + | Pen Bonus Points Total<br>0 | = | Grand total<br>100 |
|-----------------------|---|-----------------------------------------|---|---------------------------|---|-----------------------------|---|--------------------|

Notes about the plant(s)  
Test competition for training exercises only.

Notes about MSA involvement

Notes about the grading and data collection

Update

1. Select the preferred method from the drop-down menu.
2. Update the competition using the update button.

### 1.2.1 Manual Data Entry

When using the Manual Data Entry, for each body number, the Exhibitor data must be added individually, once the whole line has been entered select “Add New Exhibitor”. That line of data will be entered and appear below on the screen.

MSA Competition System - Test Competition 1

Home / Exhibitors

**Exhibitors**

Enter the Exhibitor details - (R) means the field is required

1. Enter the Exhibitor details in the boxes.

| Exhibitor Number (R) | Exhibitor Name (R) | MSA Plant (R) | Killdate(R) (yyyy-mm-dd) | Body Number (R) | Pen Number | Class Number(R) | Tag ID | Breed | Butt Shape | Weight Class | Fat Class | Live Sex | Live Weight | Dress % | Exhibitor P8 | Exhibitor Fat Dist Score | Judges Score | Bruise Score AUS-MEAT |
|----------------------|--------------------|---------------|--------------------------|-----------------|------------|-----------------|--------|-------|------------|--------------|-----------|----------|-------------|---------|--------------|--------------------------|--------------|-----------------------|
| 2                    | Test Producer 2    | CC44          | 2023-06-09               | 2               | 2          | 2               | 267    | Angus |            |              |           |          | 488         |         | 5            | 5                        |              |                       |

Add new Exhibitor record

Last exhibitor added:

| Exhibitor Number | Exhibitor Name | MSA Plant | Killdate       | Body Number | Pen Number | Class Number | Tag ID | Breed | Butt Shape | Weight Class | Fat Class | Live Sex | Live Weight | Dress % | Exhibitor P8 | Exhibitor Fat Dist Score | Judges Score | Bruise Score AUS-MEAT |
|------------------|----------------|-----------|----------------|-------------|------------|--------------|--------|-------|------------|--------------|-----------|----------|-------------|---------|--------------|--------------------------|--------------|-----------------------|
| 1                | Test Producer  | CC44      | Fri, 09 Jun 23 | 1           | 1          | 1            | 204    | Angus |            |              |           |          | 498         | 7       | 2.5          |                          |              |                       |

2. Enter the Exhibitor details click “Add new Exhibitor record”.

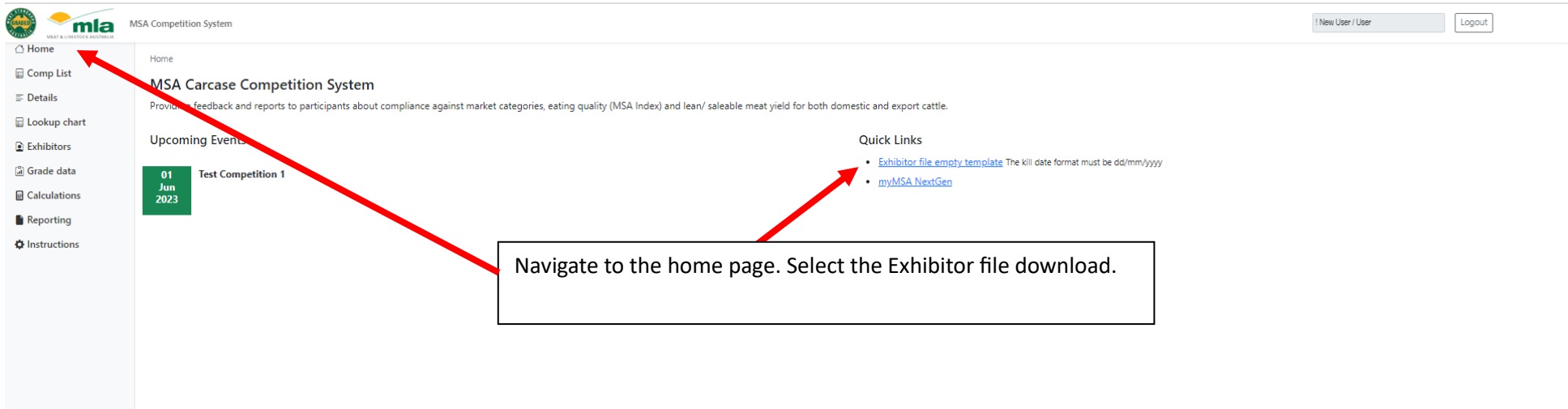
3. Next the exhibitor record will appear here.

| Count | Exhibitor Number | Exhibitor Name | MSA Plant | Killdate       | Body Number | Pen Number | Class Number | Tag ID | Breed | Butt Shape | Weight Class | Fat Class | Live Sex | Live Weight | Dress % | Exhibitor P8 | Exhibitor Fat Dist Score | Judges Score | Bruise Score AUS-MEAT | Delete |
|-------|------------------|----------------|-----------|----------------|-------------|------------|--------------|--------|-------|------------|--------------|-----------|----------|-------------|---------|--------------|--------------------------|--------------|-----------------------|--------|
| 1     | 1                | Test Producer  | CC44      | Fri, 09 Jun 23 | 1           | 1          | 1            | 204    | Angus |            |              |           | 498      | 7           | 2.5     |              |                          |              |                       |        |

4. If an error occurs, delete that Exhibitor record, and re-enter the details.

### 1.2.2 Excel converted to CSV. File Upload

For a csv. file upload it is important to ensure the file formatting and headers are not altered. To begin download the Exhibitor file template which can be downloaded from the Home Tab.



The screenshot shows the MSA Competition System home page. The left sidebar contains a navigation menu with the following items: Home, Comp List, Details, Lookup chart, Exhibitors, Grade data, Calculations, Reporting, and Instructions. The main content area displays the title "MSA Carcase Competition System" and a description: "Provides feedback and reports to participants about compliance against market categories, eating quality (MSA Index) and lean/ saleable meat yield for both domestic and export cattle." Below this, there is a section for "Upcoming Events" featuring a calendar for "01 Jun 2023" and "Test Competition 1". On the right side, there is a "Quick Links" section with two links: "Exhibitor file empty template" (with a note "The kill date format must be dd/mm/yyyy") and "myMSA NextGen". A red arrow points from the "Home" tab in the sidebar to the "Exhibitor file empty template" link. Another red arrow points from a text box to the "Exhibitor file empty template" link.

Home

MSA Carcase Competition System

Provides feedback and reports to participants about compliance against market categories, eating quality (MSA Index) and lean/ saleable meat yield for both domestic and export cattle.

Upcoming Events

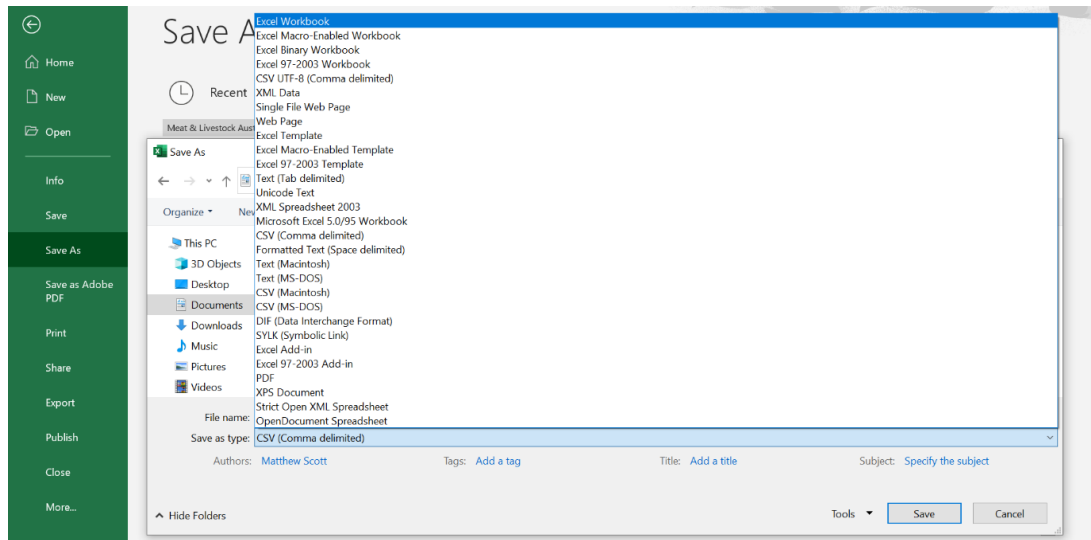
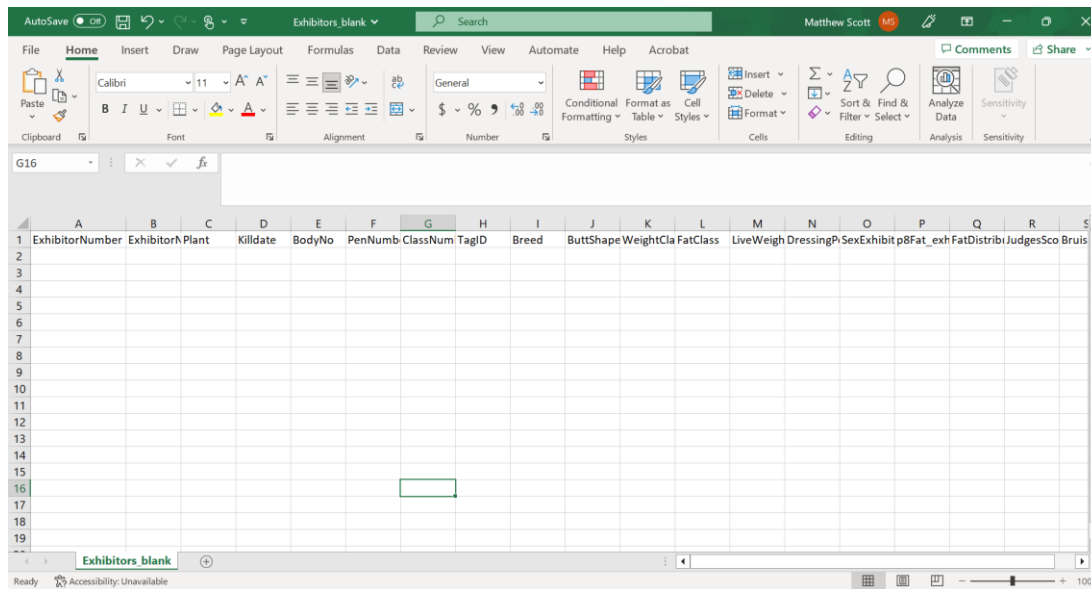
01 Jun 2023 Test Competition 1

Quick Links

- Exhibitor file empty template The kill date format must be dd/mm/yyyy
- myMSA NextGen

Navigate to the home page. Select the Exhibitor file download.

The link will open a CSV. File. **Note:** this will resemble an excel file however must be changed to an excel file type before editing and converted back to a csv. file before uploading to the competition model. (See below)



## Key Requirements for the csv. formatting

- Do not change the column headings.
- The Date must be in the following format: dd/mm/yyyy (you may need to change the date format to ensure this format including zeros in front of single digits i.e., 02/12/2023)
- The Plant MSA Number must be 4 digits, If the plant number starts with a zero you will need to format those cells as text so that the 4 digits including leading zeros are present.
- The following columns are mandatory and must have data entered: Exhibitor Number, Exhibitor Name, Plant, Kill Date, Body No., Pen Number, Class Number, TagID.

Once the exhibitor file has been completed, the file will need to be saved back as a csv.

4. If an error in the Exhibitor data is identified following upload delete the file here.

1. Click Choose file to open file explorer and select the Exhibitor file.

2. Once the Exhibitor file has been selected, Click import to import the file.

3. Once imported this table will be populated with all the Exhibitors

| Exhibitor Number | Exhibitor Name | MSA Plant | Kill Date | Body Number | Pen Number | Class Number | Tag ID | Breed | Burt Shape | Weight Class | Fat Class | Live Sex | Live Weight | Dress % | Exhibitor PB | Exhibitor Fat | Exhibitor Fat | Judges Score | Bonus Score |
|------------------|----------------|-----------|-----------|-------------|------------|--------------|--------|-------|------------|--------------|-----------|----------|-------------|---------|--------------|---------------|---------------|--------------|-------------|
|------------------|----------------|-----------|-----------|-------------|------------|--------------|--------|-------|------------|--------------|-----------|----------|-------------|---------|--------------|---------------|---------------|--------------|-------------|

Note: occasionally you may need to click import twice for all the details to appear.

### 1.3 Step 3 (Uploading Grading data)

The screenshot shows the 'Grading Data' section of the MSA Competition System. The left-hand menu has 'Grade data' selected. The main area has a 'Delete the grading data' button and a 'Select a Grading File' section with a 'Choose File' button. Below this is an 'Import a Grading File' section with an 'Import' button. A table with various columns is visible at the bottom.

1. Select Grade Data from the left-hand menu.

2. Click Choose file to open file explorer and select the Exhibitor file.

3. Click Import.

4. Grade Data will appear here. If it does not appear click Import again.

5. If the wrong file is uploaded delete the originally uploaded file prior to uploading the correct grading data.

[illegible]

Once the results are calculated they will be presented in the table.

It is important to double check all results before the release of results to the Exhibitors.

## 1.6 Step 6 (Generating Reports)

MSA Competition System - Test Competition 1

Home | Comp List | Details | Lookup chart | Exhibitors | Grade data | Calculations | Reporting | Inspections

Competition full name (250)  
Test Competition 1

Short Title (100) | Date (yyyy-mm-dd) | Actual No. of Exhibitors | Actual No. of Head  
Test Competition 1 | 2023-06-01 | 0 | 0

Report Title  
Test Competition 1

Report Sub Title  
Test Competition 1

Notes about the plant(s)  
Test competition for training exercises only.

Notes about MSA involvement

Notes about the grading and data collection

Classes Reports - Individual animal body based reports

| Class | Long Title                                     | Report Type 2<br>Common | Report Type 2<br>Common<br>PDF | Report Type 3<br>Fat Dist. points | Report Type 3<br>Fat Dist. points<br>PDF | Report Type 4<br>All points | Report Type 4<br>All points<br>PDF |
|-------|------------------------------------------------|-------------------------|--------------------------------|-----------------------------------|------------------------------------------|-----------------------------|------------------------------------|
| 1     | Class 1 - Single Steer or Heifer 300-370kg LW  |                         |                                |                                   |                                          |                             |                                    |
| 2     | Class 2 - Single Steer or Heifer 371-440kg LW  |                         |                                |                                   |                                          |                             |                                    |
| 3     | Class 3 - Single Steer or Heifer 441-510kg LW  |                         |                                |                                   |                                          |                             |                                    |
| 4     | Class 4 - Single Steer or Heifer 511-551+kg LW |                         |                                |                                   |                                          |                             |                                    |

1. Select Reporting from the left-hand menu.

2. Select the most appropriate Report.

**Note:** If Excel is required select Report Type 4 All points and select CSV download as below.



- Home
- Comp List
- Details
- Lookup chart
- Exhibitors
- Grade data
- Calculations
- Reporting
- Instructions

[Home](#) / [Reports](#) / Report Type 4 - All points for Class 1

## Report Type 4 - All points

[Export Results data](#)

### Test Competition 1

#### Class 1 - Single Steer or Heifer 300-370kg LW

[CSV of Report](#)

| Exhibitor |      |     |             |       | Eating Quality |     |     |      |      |           |           |    |              |  | Total MSA<br>/45 | Rib<br>QTR |
|-----------|------|-----|-------------|-------|----------------|-----|-----|------|------|-----------|-----------|----|--------------|--|------------------|------------|
| Name      | Body | Tag | Live Weight | Breed | HSCW           | HGP | Sex | Hump | Obs. | MSA<br>Mb | AUS<br>Mb | pH | MSA<br>Index |  |                  |            |

Click CSV of Report to initiate  
the download of the Excel file.