

## Semen Batch Usage

Some added functionality in using semen batch on mating entries has been included in the December 2021 release. To fully utilize this functionality, there is also some additional setup that is required for usage.

**Max Expiration Days:** this is a value that is set for a max expiration date for a semen batch. The default is set to 5 days but you have the ability to set your own at the Site Default level.

Site Defaults(QA)

Producer:

Site:

Save

**Calculation Basis**

Gestation Days:   
(# days expected to be pregnant - used to calc gestation lengths)

Service Days:   
(# days between service)

Conception Days:   
(Cutoff days from service to calculate conception rate)

Max Expiration Days:

Uses Gestation Pens:

Activate Breed Batch Entry:

Require Breeding Before Buffer Date:

There are also some new tables to be setup.

Sow > Setup > Attributes >

**Extender:** if you have an extender product that you use to extend the life of a semen batch you may enter it here. You will need the following information to set it up...

- Extender
- Code
- Expiration days
- Max Expiration days

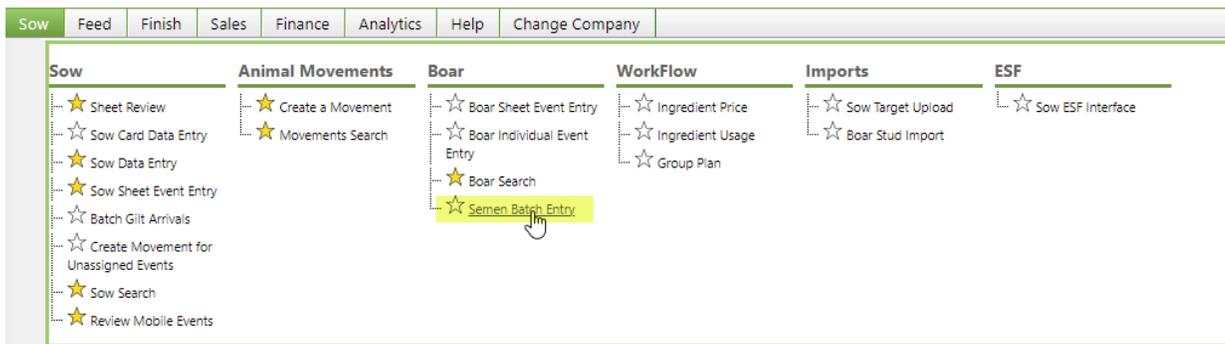
Note: the Extender Expiration Days and Max Expiration days will trump the site defaults if used. If no extender is used, then the Site Defaults Max Expiration days will be used.

**Semen Batch Delivery Method:** you can add the delivery method and code to track the way the semen batch is delivered to the sow farm.

**Semen Batch Source:** you can set up the Boar Stud farm that the semen batch is coming from in the semen batch source table. You will need the source and a code to note the farm.

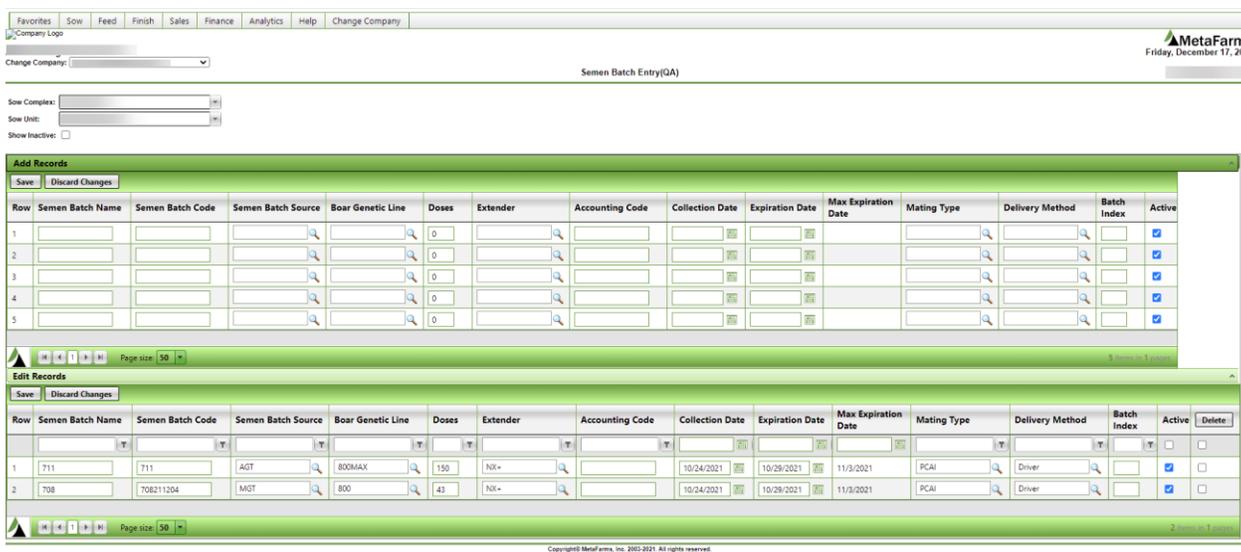
There are two ways to add a semen batch to the system. You can do it manually or you can do it by importing a template filled out with the information needed for a semen batch.

To enter manually:  
SOW>BOAR>Semen Batch Entry



You will pick the Sow Complex and Sow Unit and all active records will populate this screen.

You will see the Add Records at the Top and Edit Records below. You can enter the fields of the grid to add a semen batch, then click Save and your semen batch will be ready to use for mating events. You can also use the Edit section below to make any changes to batches.



Once the batches are set up, you can begin using them in mating entries. Those entries can be entered on the website or via sow mobile.



When entering Sow Mobile, the Semen Batch will not be a dropdown list. You will enter the batch code and when the tablet syncs it will marry up with the semen batches available. If the code entered is a match, the mating event will post. If there is a discrepancy between the code entered and the active batches, the mating event will show up in the Review Mobile Events screen to choose an active semen batch.

Once a semen batch reaches the max expiration date, through a nightly process the semen batch will then be made an inactive and will no longer be available as an option to be entered in a mating.

MetaFarms SOW

0 Pending

Breed Date Required  
Today, Fri 17

Sow Tag Required  
Sow Tag

Breed Type Required  
AI

Semen Batch  
Semen Batch

Tech  
13 - Maddie

Boar ID  
Boar ID

REVIEW SAVE AND CONTINUE +

As far as reporting, there are two different reports on the menu for Semen Batch.

SOW>REPORTS>BOAR

#### Boar Performance Analysis:

The first three tabs of the Boar Performance Analysis report directly relates to the Boar ID, if tracking on breeding events. If you go to the Detail tab, you will be able to see the breeding event detail that includes the semen batch, extender information as well as semen age by date and includes boar information.

#### Semen Dose Distribution:

This report will report can be run by sow unit or a selection of sow units and the data included in it is detail regarding the semen batches. It will have the semen batch code, the boar genetic line for that batch, the number of doses delivered, the collection date of the semen as well as the expiration date. It will also have the number of doses used, the average semen age, the number of doses not used as well as doses used past the expiration date. The report includes the extender, the delivery method as well as batch index and semen batch source. You will be able to sort and filter on the columns as needed.