


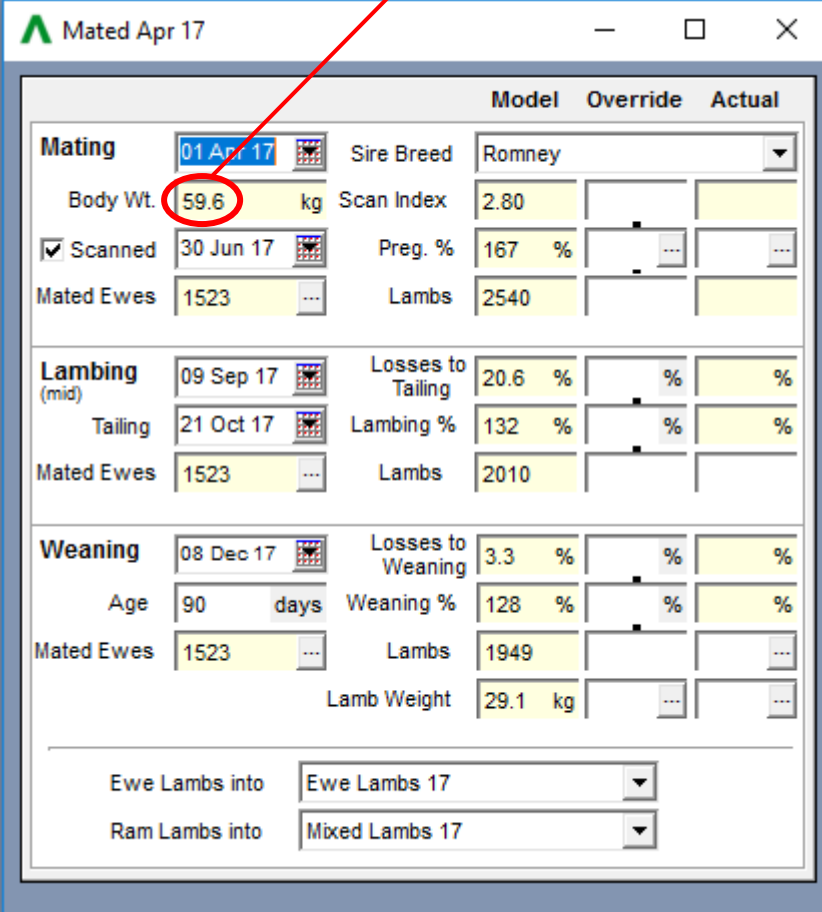
Breeding Mob Live Weights






Maximising ovulation rate is undoubtedly a key component to the reproductive success of a dry stock farm. Whether it be flushing a mixed age mob or putting the final touch of weight of hoggets to get them north of 40kg, live weight at mating is of the utmost importance.

FARMAX Sheep, Beef & Deer will model a lambing percentage at three points in time: **Scanning, Tailing** and **Weaning**. This is based off a few factors, with the most influential ones including: dam breed and dam live weight.

Pregnancy percentage at scanning is dictated by the **Scan Index**. This is a figure which varies between breed. **Scan Index** multiplied by weight at mating will produce the modelled pregnancy percentage, which displays the importance of getting weights correct for accurate forecasting.

The best practice method for correcting **Body Weight at Mating** in FARMAX is to 'Pop out' the mating event you want to adjust by selecting the  symbol at the top left of the **Mating** screen, producing the below window:



	Model	Override	Actual
Mating			
Mating	01 Apr 17		Sire Breed Romney
Body Wt.	59.6	kg	Scan Index 2.80
<input checked="" type="checkbox"/> Scanned	30 Jun 17		Preg. % 167 %
Mated Ewes	1523	...	Lambs 2540
Lambing (mid)			
Lambing	09 Sep 17		Losses to Tailing 20.6 %
Tailing	21 Oct 17		Lambing % 132 %
Mated Ewes	1523	...	Lambs 2010
Weaning			
Weaning	08 Dec 17		Losses to Weaning 3.3 %
Age	90	days	Weaning % 128 %
Mated Ewes	1523	...	Lambs 1949
			Lamb Weight 29.1 kg
Ewe Lambs into	Ewe Lambs 17		
Ram Lambs into	Mixed Lambs 17		

For this farm, ewes are intended to be mated at 66kg (1st April 17). As you can see, the current target is set at only 59.6kg.

While keeping the mating window open, we can now adjust our ewe weights and monitor any changes occurring.

This can be done in the **Live Weights** screen, by either dragging a point on the line graph or adjusting **Body Weight Gain per day** figures in the table view.

Once the **Body Weight at Mating** has been calibrated to what is happening on farm, you will see an updated model percentage at: **Scanning, Tailing** and **Weaning**.

You will also notice that increasing mating weight has a positive influence on forecast **Lamb Weight** at weaning, as we have increased the amount of energy available for lactation.

Mated Apr 17

	Model	Override	Actual
Mating			
Mating	01 Apr 17	Sire Breed	Romney
Body Wt.	66.0 kg	Scan Index	2.80
<input checked="" type="checkbox"/> Scanned	30 Jun 17	Preg. %	185 %
Mated Ewes	1523	Lambs	2814
Lambing (mid)			
Lambing	09 Sep 17	Losses to Tailing	21.5 %
Tailing	21 Oct 17	Lambing %	145 %
Mated Ewes	1523	Lambs	2208
Weaning			
Weaning	08 Dec 17	Losses to Weaning	3.3 %
Age	90 days	Weaning %	140 %
Mated Ewes	1523	Lambs	2132
		Lamb Weight	33.3 kg
Ewe Lambs into	Ewe Lambs 17		
Ram Lambs into	Mixed Lambs 17		

Modelled changes:

-Body Wt. at mating

-Scanning percentage (pregnancy)

-Lambing percentage at tailing. Losses to tailing percentage increases, as this is proportional to pregnancy at scanning.

-Lambing percentage at weaning

-Lamb weight at weaning