

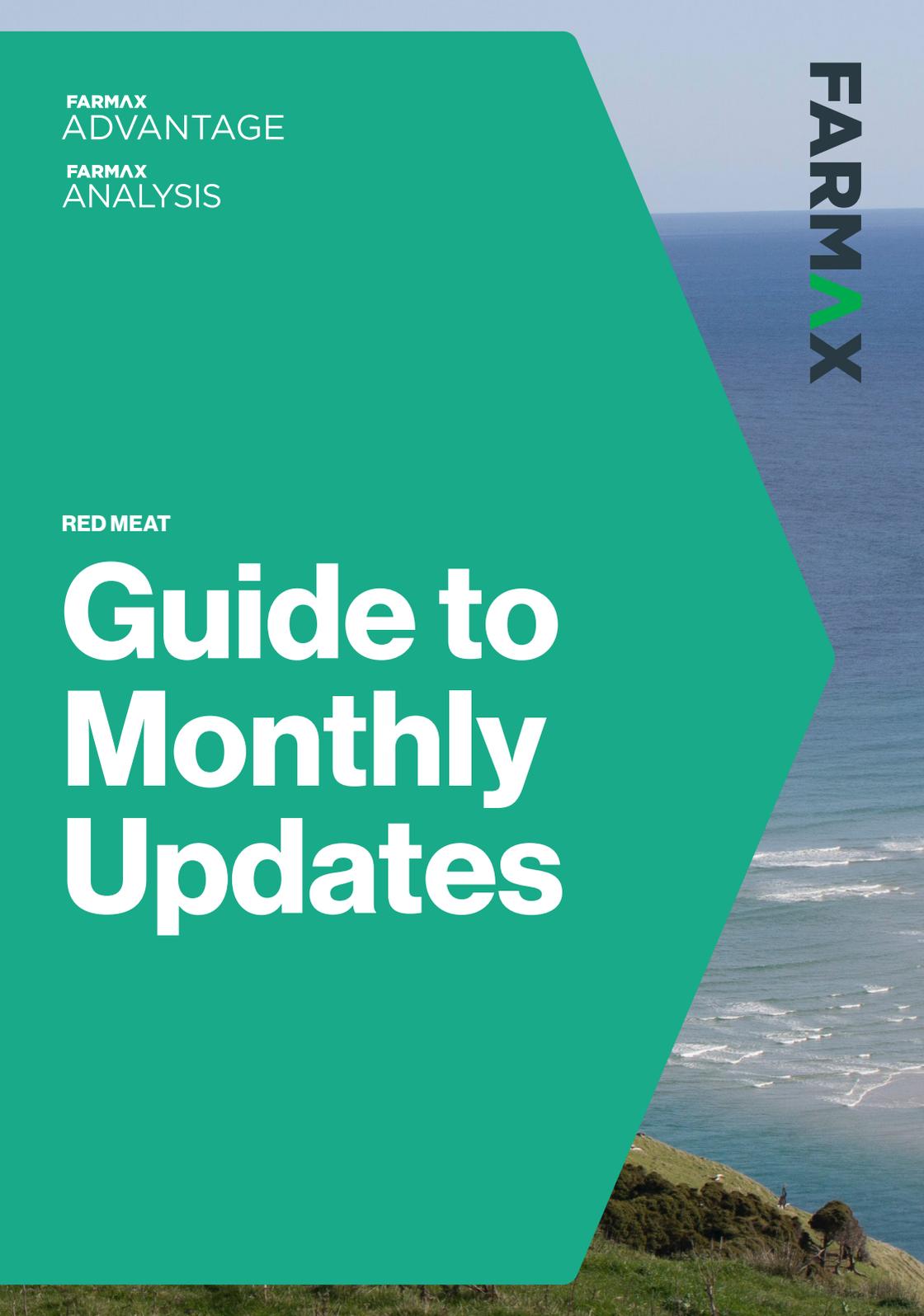
FARMAX
ADVANTAGE

FARMAX
ANALYSIS

RED MEAT

Guide to Monthly Updates

FARMAX



Contents

- 4 **Cover measurements**
- 5 **Crop costs**
- 6 **Nitrogen costs**
- 7 **Sale details**
- 8 **Buy details**
- 9 **Shearing details**
- 10 **Liveweights**
- 11 **Mating details**

Foreword

This FARMAX Guide to Monthly Updates will support you with updating the monitoring file for farms with FARMAX Advantage subscriptions.

The purpose of creating a plan at the start of the season is to enter actuals details and events throughout the season to monitor progress against the original plan and re-strategise. Ideally, actuals are entered in FARMAX monthly to ensure an up-to-date model.

By entering these different pieces of information, FARMAX will be able to more accurately predict to the end of this season or the next to support confident decision making.



Overview

This FARMAX guide is divided into eight sections:

1. Cover measurements
2. Crop costs
3. Nitrogen costs
4. Sale details
5. Buy details
6. Shearing details
7. Liveweights
8. Mating details

At the bottom of each of these sections in FARMAX there is a notes area. The notes area can be used to record actual information which you collect on-farm and then referred to later while inputting further information into FARMAX.

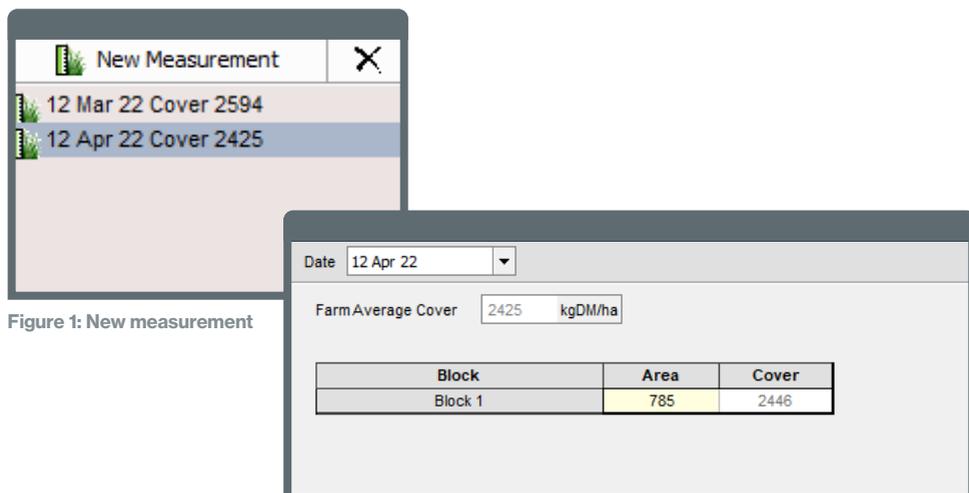
How FARMAX works

All the data and information which is entered into FARMAX is combined and the model analyses how the feed supply compares to feed demand.

Once the farm has been set up in FARMAX it will produce a variety of outputs, including profitability and pasture covers, which can be used to support real-time on-farm decision making.

Data entry is an important process to get right to ensure you get the maximum value out of FARMAX. The more accurate the information is that goes into FARMAX, the more accurately it can provide outputs to support confident decision making.

Cover measurements



Activity

Select the **Farm-level** and then **Pasture Covers**. Now, click the **New Measurement** button which will create an event with a details box. You can enter the cover measurement for a specific date, as a farm average, per block or per paddock.

Additional Information

Entering cover measurements recalculates the pasture growth rates between cover measurements. This allows the FARMAX model to accurately represent the feed supply of a farm system.

Crop costs

Kale Block 1				
Feed Type	Kale	Yield	15.0 tonnes DM/ha	
Area	30.0 ha	Total Yield	450 tonnes DM	
Name	Kale	Total Utilised	360 tonnes DM	
Date In	01 Dec 21	Dry Matter	100 %	
Date Out	31 May 22	Crop Cost \$	Model	Actual
Days	182		Regrassing \$	0
Followed by	Another Crop	Total Cost \$	36000	

Figure 2: Cropping costs

Activity

Select the **Block-level** and then **Crops**. Now, click the relevant crop in the Cropping screen which will bring up the crop details box. To enter actuals, select the actual date in and then type the actual crop cost \$ and regrassing cost \$.

Additional Information

Entering actual crop costs will accurately record and represent the expenditure on crops in FARMAX's financial reporting.

Nitrogen costs

Nitrogen Block 1			
Name	Nitrogen	Area	208.8 ha
Date	01 Sep 21	Block Area	835.0 ha
Rate	40.0 kgN/ha	Total Amount	8350 kgN
Response	10 kgDM/kgN	<input checked="" type="checkbox"/> Cost Applies	
Duration	61 days	Model	Actual
Fertiliser		Total Cost \$	17869

Figure 3: Nitrogen costs

Activity

Select the **Block-level** and then **Nitrogen**. Now, click the relevant nitrogen application in the Nitrogen screen which will bring up the nitrogen details box. To enter actuals, select the actual application date and then type the total cost \$.

Additional Information

Entering actual nitrogen costs will accurately record and represent the expenditure in FARMAX's financial reporting.

Sale details

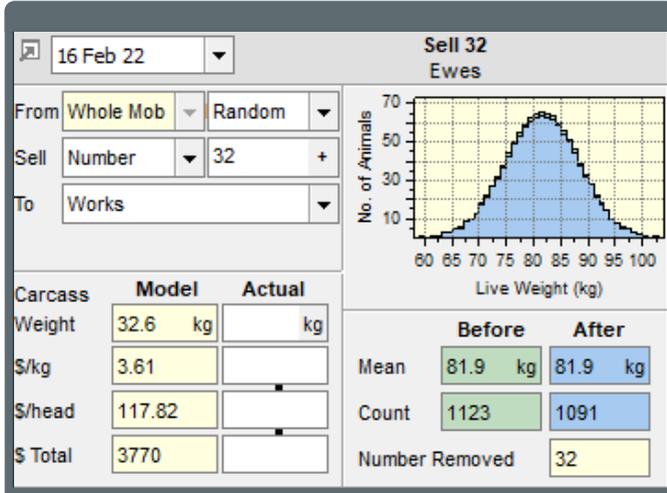


Figure 4: Sales details

Activity

Select the appropriate mob and then **Numbers**. Now, click on a sale event to view the sales details pop-out. To enter actuals, select the actual sale date and then type the CWT/LWT, \$/kg, \$/head and \$ total.

Additional Information

Entering actual sale details will accurately report the financial position of the business in FARMAX's financial reports. Entering actual carcass weights will also calibrate the modelled to actual, to ensure FARMAX is accurately representing demand.

Buy details

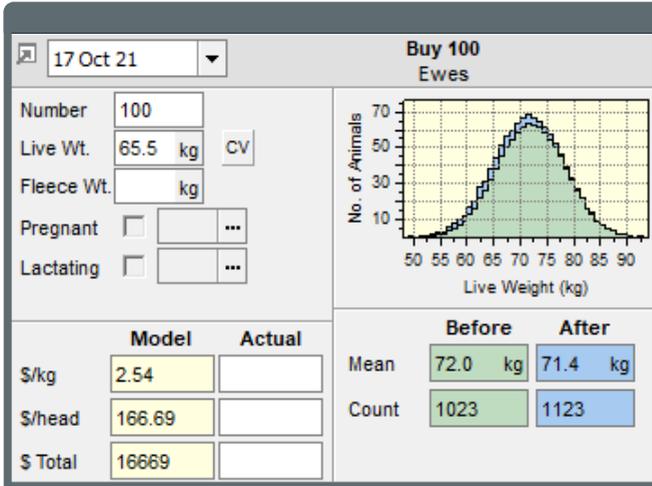


Figure 5: Buy details

Activity

Select the appropriate mob and then **Numbers**. Now, click on a buy event to view the buy details pop-out. To enter actuals, select the actual purchase date and then type the \$/kg, \$/head and \$ total.

Additional Information

Entering actual buy details will accurately report the financial position of the business in FARMAX's financial reports.

Shearing details

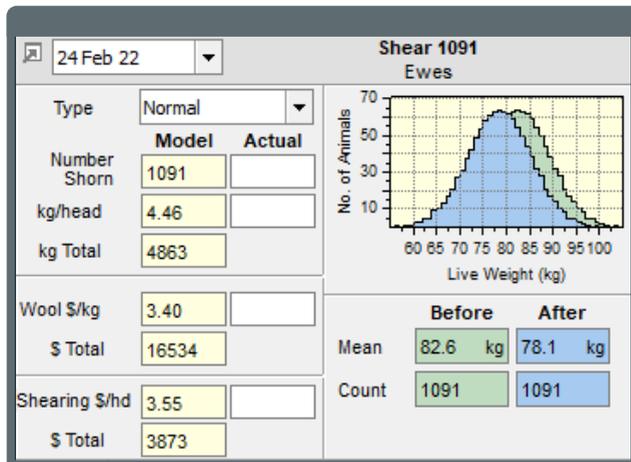


Figure 6: Shearing details

Activity

Select the appropriate mob and then **Shearing**. Now, click on a shear event to view its details pop-out. To enter actuals, select the actual shearing date and then type the number shorn, kg/head, kg total, wool \$/kg and shearing \$/hd.

Additional Information

Entering actual shearing details will influence the liveweights and will accurately report the financial position of the business in FARMAX's financial reports.

Liveweights

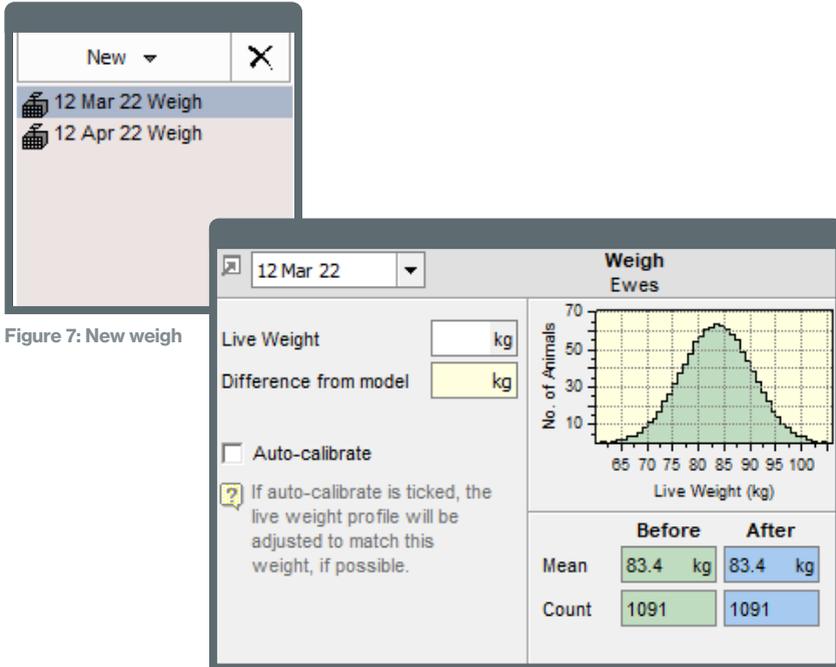


Figure 7: New weigh

Activity

Select the appropriate mob and then **Liveweights**. Click **New** and then **Weighing**, which will create a Weigh pop-out. To enter actuals, select the correct date, type the liveweight (kg) and tick **Auto-calibrate**.

Additional Information

Entering actual weighing events calibrates the modelled liveweights and body weight gains to the actual liveweights. A calibrated model to actual liveweights means that demand and intake will be accurately represented in FARMAX, contributing to better analysis.

Mating details

6.3 Compatibility Mode explain...		Model	Override	Actual
Mating				
Mating	01 Apr 21	Sire Breed	Romney	
Body Wt.	59.8 kg	Scan Index	2.58	
<input type="checkbox"/> Scanned		Preg. %	154 %	
Mated Ewes	1023			
Lambing				
Lambing (mid)	09 Sep 21	Losses to Tailing	17.8 %	
Tailing	21 Oct 21	Lambing %	127 %	
Mated Ewes	1123	Lambs	1421	
Weaning				
Weaning	08 Dec 21	Losses to Weaning	3.0 %	
Age	90 days	Weaning %	123 %	
Mated Ewes	1123	Lambs	1378	
		Lamb Weight	31.7 kg	
Ewe Lambs into	Ewe Lambs			
Ram Lambs into	Mixed Lambs			

Figure 8: Mating details

Activity

Select the appropriate mob and then **Mating**. Now, click on the particular mating to view its details pop-out. To enter actuals, select the actual dates and then type pregnancy %, lambing %, weaning % and more.

Additional Information

Entering actual mating details means that stock numbers and, thus, demand will be accurately reflected in the FARMAX model.



YOUR ADVANTAGE

For enquiries relating to this activity
manual please contact:

Farmax HelpDesk

0800 327 629
support@farmax.co.nz

Waikato Innovation Park
1 Melody Lane
Hamilton 3216

farmax.co.nz

FARMAX

FARMIQ