Production Report

The main revenue drivers for most sheep, beef and deer farmers in New Zealand are: the amount of product produced, and the price farmers are paid for that product. Although market price is typically out of farmers hands, the amount of product produced is something than can largely be controlled by the farm system.

For a long time, one of the key metrics reported by FARMAX Sheep Beef & Deer has been *kg Total Product per hectare*, calculated through the **Production Rec.** report. In June 2018, FARMAX released the new **Production** report, which allows you to see the next level of detail around what is driving farm production.

The **Production** rec is available at the whole farm, enterprise and mob level in FARMAX Sheep, Beef & Deer, and shows the gain (and/or loss) over time for the selected product type, either: *Live Weight, Carcass Weight, Fleece Weight, Velvet Weight* or *Product Weight (Carcass + Fleece + Velvet).*
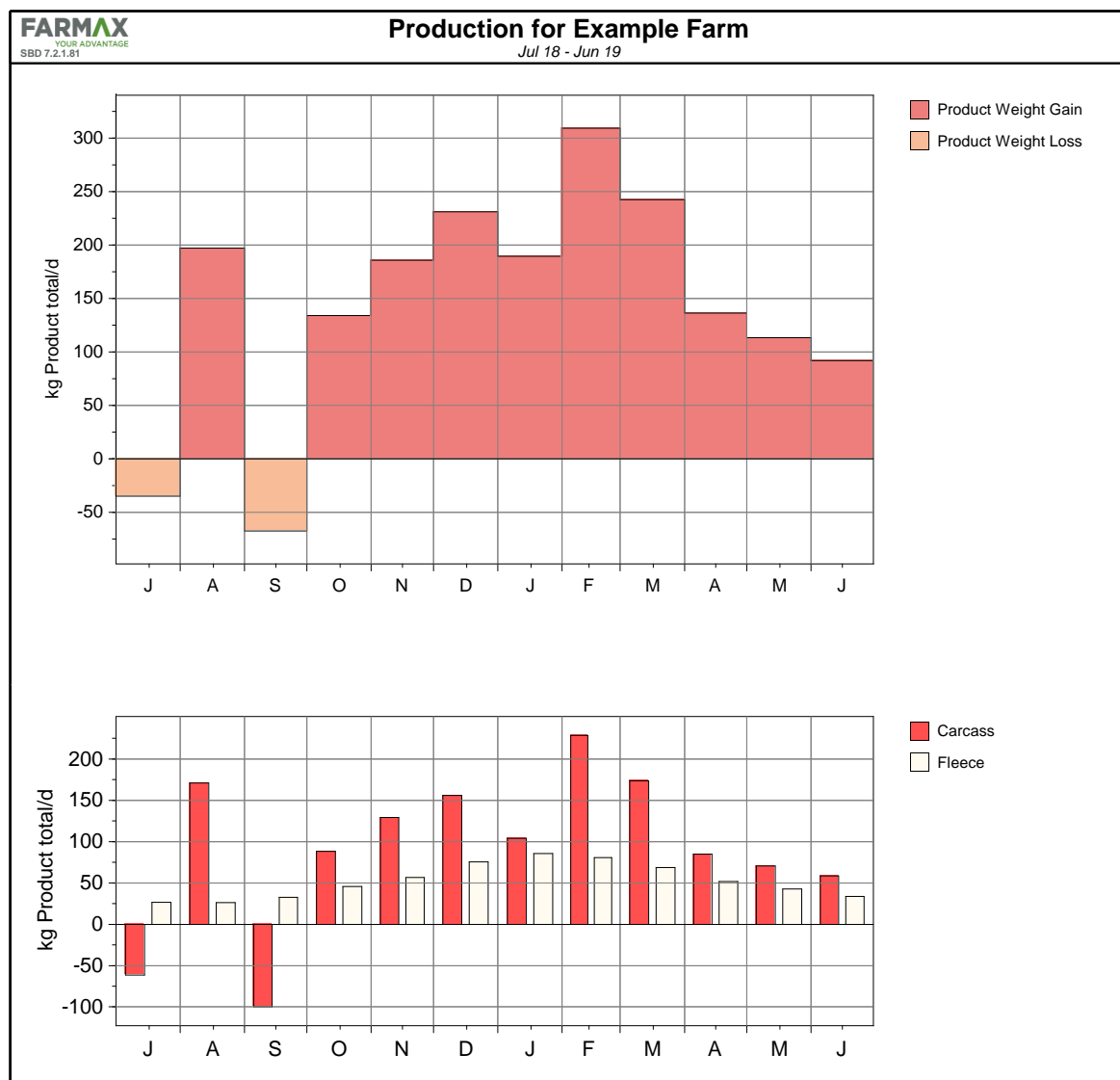

Figure 1 – Whole farm product (Carcass + Fleece + Velvet) weight production for Example farm. Measured in kg Product total/day.

There is also the flexibility to filter on a *Total*, *Per Head*, *Per Ha* or *Per Grazing Ha* basis. This can be done via the centre drop-down menu. There are also options available to further refine the data being used to drive the report. These are available in the right-hand drop-down menu labelled *Options*.

- **Treat Deaths as Sales**
  - By default, a death is treated as a weight loss. For example, the death of one 32kg lamb is equivalent to 32kg of live weight loss OR/ 13.44kg carcass weight (based on 42% dressing out).
  - The **Treat Deaths as Sales** option instead removes the weight from the system as if the animal were sold, therefore excluding the weight losses from deaths.

- **Treat Lost/Found as Sales/Purchases**
  - Selecting this adjustment will treat *Lost* events as sales, having the same impact as treating deaths as sales, where lost animals are no longer represented as a weight loss.
  - Treating found animals as purchases works in the opposite way. Choosing this adjustment avoids a sudden weight gain from *Found* events.

- **Use Model Weights**
  - By default, the **Production** report uses actual weight data (from purchase and sale events).
  - This adjustment will force the report to use modelled weight data only.

- **Include Adults/Include Offspring**
  - Including adults/offspring are options available for female mobs old enough to be mated such as a Mixed Age Ewes mob. This allows you to display data for either the adult stock only, offspring only or both age classes combined.
  - Example: These options can be used to display data for a breeding ewe mob in multiple ways. Show ewe production only, show lamb production only, or show ewe and lamb production combined.

The **Production** report can be displayed in either a plot or table view. In the table view, the *In* and *Out* headings can be expanded by clicking the column heading to see what is driving weight in and out.

Month	Open kg	In kg/d	Sell	Shear	Transfer	Wean	Lost	Die	Total	Close kg	Gain kg	Gain kg/d
						Out kg						
Jul 18	31,502									32,386	884	28.5
Aug 18	32,386							365	365	36,124	4,104	132.4
Sep 18	36,124									40,072	3,948	131.6
Oct 18	40,072							451	451	43,682	4,061	131.0
Nov 18	43,682	15,000								65,680	6,998	233.3
Dec 18	65,680									72,190	6,510	210.0
Jan 19	72,190		52,458					225	52,683	23,123	3,615	116.6
Feb 19	23,123							240	240	24,921	2,039	72.8
Mar 19	24,921							259	259	26,709	2,047	66.0
Apr 19	26,709							292	292	28,706	2,289	76.3
May 19	28,706							306	306	30,763	2,363	76.2
Jun 19	30,763									31,502	739	24.6
Total	31,502	15,000	52,458					2,139	54,597	31,502	39,597	108.5

Bull Finishing Production for Example Farm
Example Farm, Jul 18 - Jun 19
FARMAX YOUR ADVANTAGE SBD 7.2.1.81

Figure 2 – Production report for a Bull Finishing enterprise. Live Wt. Out expanded to show all forms of weight removed.