



Go online to calculate your average draft date and venison revenue
www.deernz.org/deer-growth-curves



Using a 1 September average mob weight this calculator will predict kill weights and calculate gross income from venison sales based on typical deer daily growth patterns.

You can adjust minimum drafting weights and anticipated venison schedules to allow comparison of differing finishing systems.

The online calculator displays:

- A June 1 target weight
- Average draft date
- Average gross income
- Average schedule received
- % of mob drafted before April 30

Use this calculator to work out your June 1 target weights, and to see the impact of hitting targets for venison production.

Results

Your estimated average draft date is **20 Jan 2020** and the average carcass value is predicted to be **\$601.30**. This is based on an average schedule of **\$9.91/kg** with an average live weight of **108.2 kg**. To achieve these results, your average mob weight at 1 June should be around **67 kg**. Using the draft settings you have selected, we estimate that **100%** of the mob will be drafted during the season. Note, if you are using the default draft settings, then all animals remaining at 30 April will be drafted in order to include every animal in the financial calculations (you may change these settings in 'Optional Drafting Settings' below).

Growth Curve Show Financial Table Optional Drafting Settings

Date	Percentage of original mob drafted	Predicted liveweight of drafted animals	Possible schedule price (\$/kg)	Average value of drafted animal (\$/hd)
01/Sep	1.0 %	108.8 kg	\$10.30	\$627.56
01/Oct	4.0 %	109.5 kg	\$10.50	\$643.86
01/Nov	12.4 %	110.5 kg	\$10.50	\$649.74
01/Dec	19.0 %	111.4 kg	\$10.30	\$642.56
01/Jan	17.2 %	111.7 kg	\$10.00	\$625.52
01/Feb	12.5 %	111.7 kg	\$9.50	\$594.24
01/Mar	8.1 %	111.5 kg	\$9.50	\$593.18
01/Apr	5.9 %	111.4 kg	\$9.50	\$592.65
30/Apr	19.9 %	96.1 kg	\$9.50	\$511.25

The estimated average growth of your mob has been calculated using your settings and is shown below (the green line). For comparison, an industry standard growth curve is also shown (the black line). You can also see the predicted value of each draft by clicking the 'Show Financial Table' tab above.



Venison production: Hit your growth targets

Use this wall planner to set your targets for growth rates of venison animals.

Draw your own goals onto the chart and then plot performance against the targets.

These kill profiles are based on a minimum draft liveweight of 95kg for the intensive finishing systems and 90kg for the extensive.

Drafting is assumed to start on 1 September, with monthly drafts until 1 April.

Monitoring growth performance against your own target (set for your farm) is important to take full advantage of key periods of growth potential.

For systems targeting spring finishing, strong growth rates in autumn and early spring (from 15 August) are critical to achieve early kill goals. For systems targeting a later kill, strong spring performance is important.

Regular monitoring (eg. 4-6 weekly weighing) allows early detection of issues affecting performance and allows time to address limitations (eg. feed or animal health) while animals still have potential to grow.

Additional copies are available from Deer Industry New Zealand. Please call 04 473 4500 or email info@deernz.org or go to www.deernz.org/deer-growth-curves

