

**Ruminix<sup>3</sup>**  
by  SealesWinslow developed by  A-Systems

# Science-based nutrition decisions to boost your bottom line



**Ruminix<sup>3</sup> by SealesWinslow is an easy-to-use digital tool to help dairy farmers work out how to best feed their herds to maximise returns.**

Used by SealesWinslow at no cost to farmers, Ruminix<sup>3</sup> compares the effects of any feed combinations on milk production based on the variables of each unique farm system.

# Using Ruminix<sup>3</sup>, SealesWinslow has demonstrated that farmers could generate up to 30% more income simply by using the right supplementary feed.<sup>1</sup>

Feed	Cost/ month	Income over feed costs/month
Pasture (18kgDM) + PKE (3kgDM)	\$123,300	\$54,900
Pasture (18kgDM) + Pellets (3kgDM)*	\$142,875	\$72,788
Pasture (18kgDM) + Wheat (3kgDM)	\$131,850	\$73,688**

\* Utilising a high starch with minerals, and high energy (13.5 MJ/kg) pelletised feed

\*\* Costs to be considered and not included, such as storage, loss risk and blending in additional minerals

**Table 1:** Ruminix<sup>3</sup> biological modelling effects of feed on milk yields for a 500-cow farm in the South Island, July 2023.

## Don't make feed purchasing decisions solely based on price!

Rely on Ruminix<sup>3</sup> to expand your options and reduce risks by predicting the effects of different feed choices before making a purchase.

The beauty of Ruminix<sup>3</sup> is its simplicity. It is easy to use and coupled with the guiding hands of our team will give you confidence the solutions you choose will give you the best return on investment.

## How does Ruminix<sup>3</sup> work?

Using nutrition modelling based on equations from the Cornell Net Carbohydrate and Protein System (CNCPS), Ruminix<sup>3</sup> demonstrates the possible return on investment from any feed simply by inputting variables such as kilograms of dry matter (kgDM), metabolisable energy (ME) and starch content.

The CNCPS System is used by nutritionists in New Zealand and is widely accepted as an accurate predictor of milk production in pasture-based systems. Research authored by DairyNZ supports this.<sup>2</sup>

Using Ruminix<sup>3</sup> you can view and have easy to understand reports, which can be customised based on your individual needs.

## How can I access it?

Ruminix<sup>3</sup> is used by the SealesWinslow team via a tablet or laptop to help farmers run scenarios, weigh up their options and support them to make the best decisions. There is no cost to the farmer.



Contact your local  
Technical Sales  
Representative or  
call 0800 287 235

<sup>1</sup> Results may vary from farm to farm.

<sup>2</sup> R. J. Higgs, A. J. Sheahan, K. Mandok, M. E. Van Amburgh, and J. R. Roche. 2013. The effect of starch, fibre or sugar based supplements on nitrogen utilization in grazing dairy cows. *J. Dairy Sci.* 96:3857-3866