



FIELD TRIAL

TRAC PERFORMANCE MINERALS

WESTERN DISTRICTS SPRING 2016

THE TRIAL

In the Spring of 2016, **TRAC Performance Minerals** undertook a field trial in the Western Districts of Victoria to test the economical benefit of feeding **TPM FLOCK BOOST PLUS COPPER** to pre-lambing ewes, continuing through to lamb marking.

The loose lick minerals are a free choice supplement, highly dense which is reflected in the low consumption rates. The water repellent properties of the product make it simple and easy to use. Our supplement contains essential salts, macro & micro minerals as well as vitamins A, D & E - available with or without copper depending on requirements.

The goal of the trial was to confirm that the supplement would increase lamb at weaning - we wanted to assess survival rates and growth rates.

In working with the growers of Rees Farm Penshurst, Ken & Rosemary, along with their son Owen & his wife Megan Rees, we were able to put the theory into practice and deliver some real, meaningful results.

TESTIMONIAL FROM THE GROWER

"We would be mad not to use it next year!"

Ken Rees, Rees Farm Penshurst

\$2.81 Return
for every
\$1.00 Spent



Lambs from the **TPM FLOCK BOOST** Group

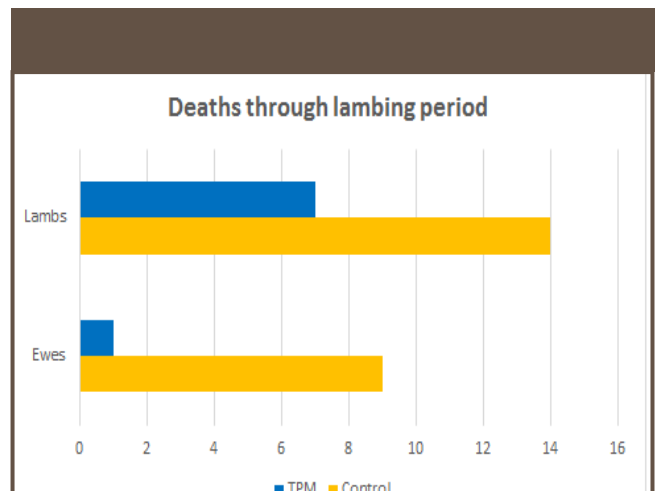


Figure 1 : Growth Rates of Lambs

THE FARM

Glenview situated in Penshurst, Western Victoria owned and operated by Ken & Rosemary Rees and their son Owen and his wife Megan Rees.

THE MOB

311 maiden merino ewes joined to merino rams.

THE METHOD

The mob was summered on a mixture of Lucerne pasture and silage. The ewes were split into 2 mobs randomly and named:

CONTROL GROUP: No minerals.

TRIAL GROUP: Offered **TPM FLOCK BOOST PLUS COPPER**, three (3) weeks prior to lambing due date.

Both mobs lambed down in August on a 2YO pasture base of ryegrass and clover, and had similar shelter belts plus water from the same bore.

The lambs were weighed late September and again mid November.

THE RESULTS

The “Trial Group” showed enormous benefits by reducing both lamb & ewe deaths significantly and increasing growth rates, thus reducing the cost of production and increasing the bottom line of the business significantly.

CONCLUSION

By supporting the ewe nutritionally with **TPM FLOCK BOOST PLUS COPPER** the ewe was able to support herself and her growing lamb.

**QUALITY, DEPENDABILITY & PERFORMANCE
ARE THE FOUNDATIONS OF**



**YOUR BUILDING BLOCKS FOR BALANCED
NUTRITION & IMPROVED PRODUCTIVITY**

Deaths through lambing period

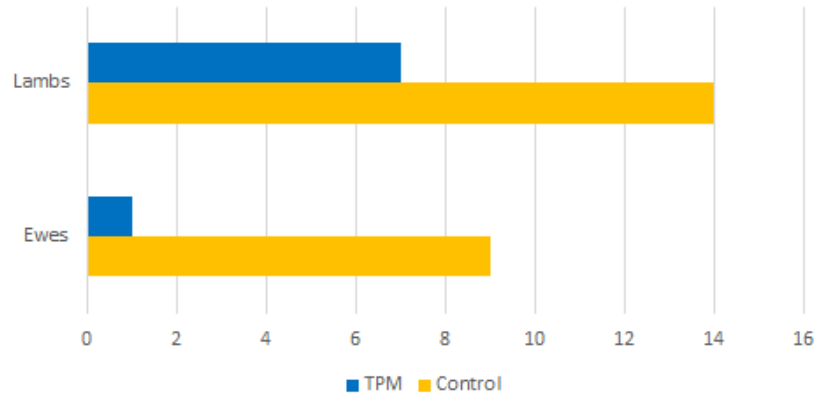


Figure 2 : Ewe & Lamb Deaths from Pre-Lambing to Marking

DATA	CONTROL	TPM	DIFFERENCE
Ewe Deaths	9 (6%)	1 (0.6%)	-5.2%
Lamb deaths	42%	28%	-14%
Lambs at weaning	60%	68%	+8%
Average Daily Gain	130g/day	181g/day	+ 2.34 Kg Lwt

COST v BENEFIT

TPM Product Consumed	avg 28g/hd/day
Cost over 115 days	\$5.60/ewe
Return on Investment	281%

* Dead ewes were valued at \$150/head. HSCW valued at \$5.50/kg.

Figure 3 : Profitability Evaluation

For further details about this trial or the **TPM** product range, please contact

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Example of Mineral Tub Holder