

-SUPPLEMENTS - DO THEY WORK?

MURRAY LONG

www.clearviewconsulting.com.au

GEOFF DUDDY

www.sheepsolutions.com.au



PLENTY OF GENERAL TALK!

“Supplements are a great way to provide ad-lib vitamins and minerals..”

“..to assist animals in getting more out of the available pasture whilst increasing productivity.”

“..all the necessary minerals and trace elements needed to support your livestock's needs.”

“loose licks can increase the digestion and performance of stock..”

“If feeding a supplement as a loose lick sounds like your cup of tea..... there shouldn't be any adverse effects....”

PLENTY OF TESTIMONIALS

“..highly recommend the supplements to other producers.”

The family has been using quality ***** supplements for more than five years... placing first in the hoof class ...”

“As a user of ***** for more than 15 years..”

..we have increased fertility in that time to around 85%..”

“..has our show team in top condition and their wool with bloom..”

“..have reduced fatalities..”

“We were amazed and delighted with the results..”

NOT MUCH EVIDENCE!

Achieving Great Feedlot Trial Results...After eight weeks the lambs using ***** had an average body weight 5 kilo's heavier

Grain & Graze Trial ...resulted in live weight gains of 24% and 37% respectively (compared with nil supplement).

******* greatly increases profit margins in feedlot trial..** average weight gain of the ***** mob was 31% greater than the non ***** mob

Liveweight and Wool responses in Wether Sheep to a Long Term Mineral Supplement..responsible for increased productivity..fleece weight, staple strength body weight.

Mineral supplementation of lambing ewes grazing dual-purpose wheat...no effect of supplementation

NEW EVIDENCE!



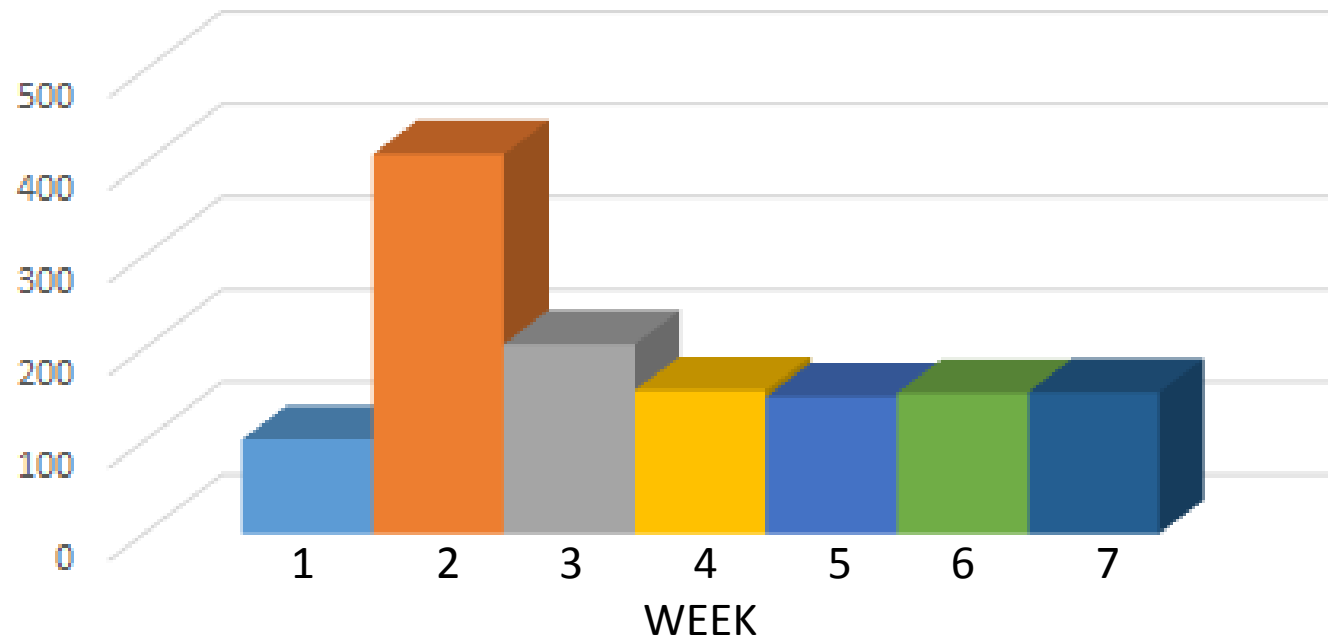
LAMBS ON LUCERNE



- 195 WHITE SUFFOLK CROSS LAMBS
- HALF ON SUPPLEMENT
- HALF WITHOUT SUPPLEMENT
- 3 WEIGHT CATEGORIES
 - STORE
 - LIGHT TRADE
 - TRADE
- REGULAR WEIGHTS AND FAT SCORES

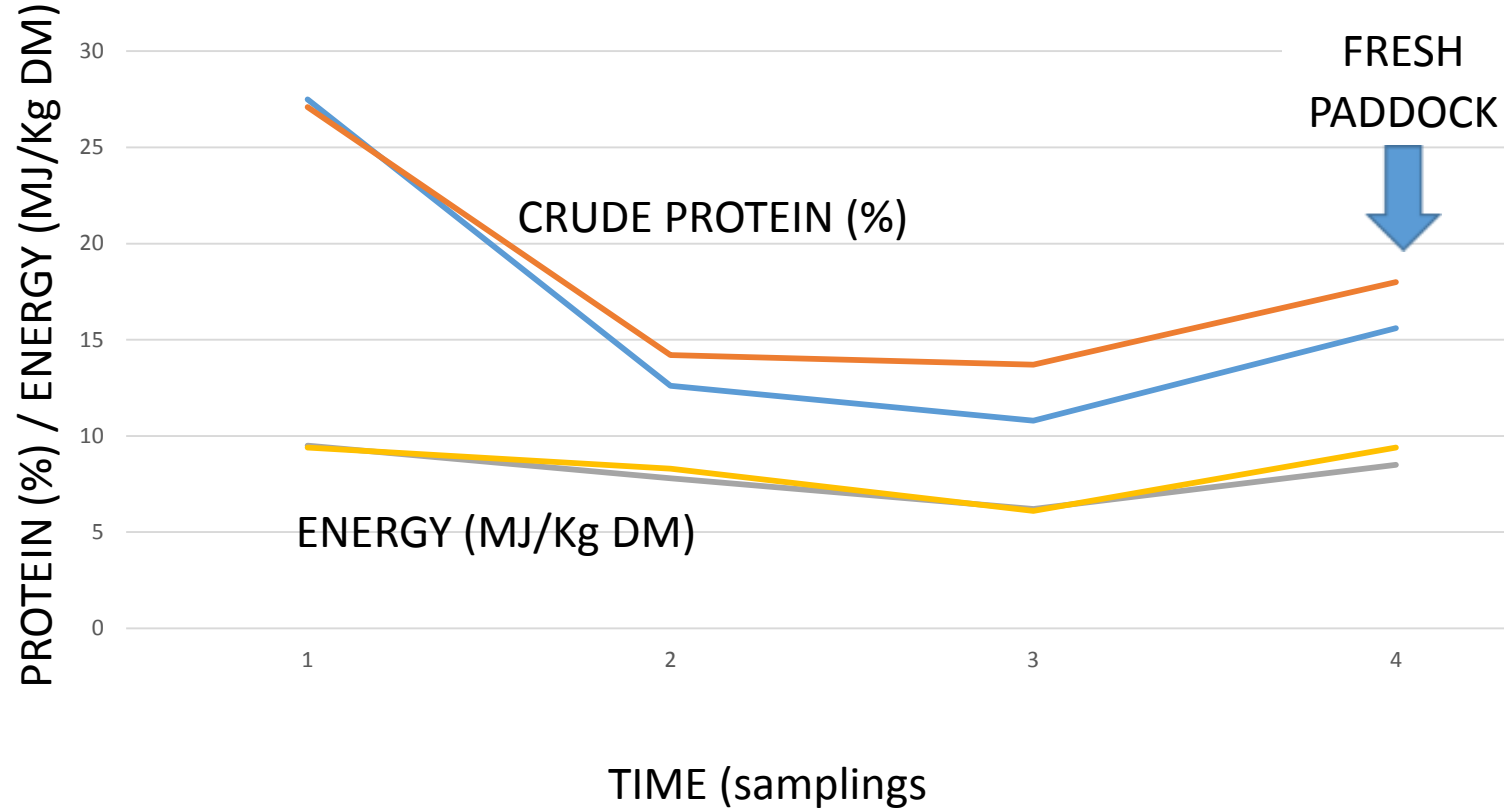
LICK CONSUMPTION

SUPPLEMENT CONSUMPTION (gms/hd/week)



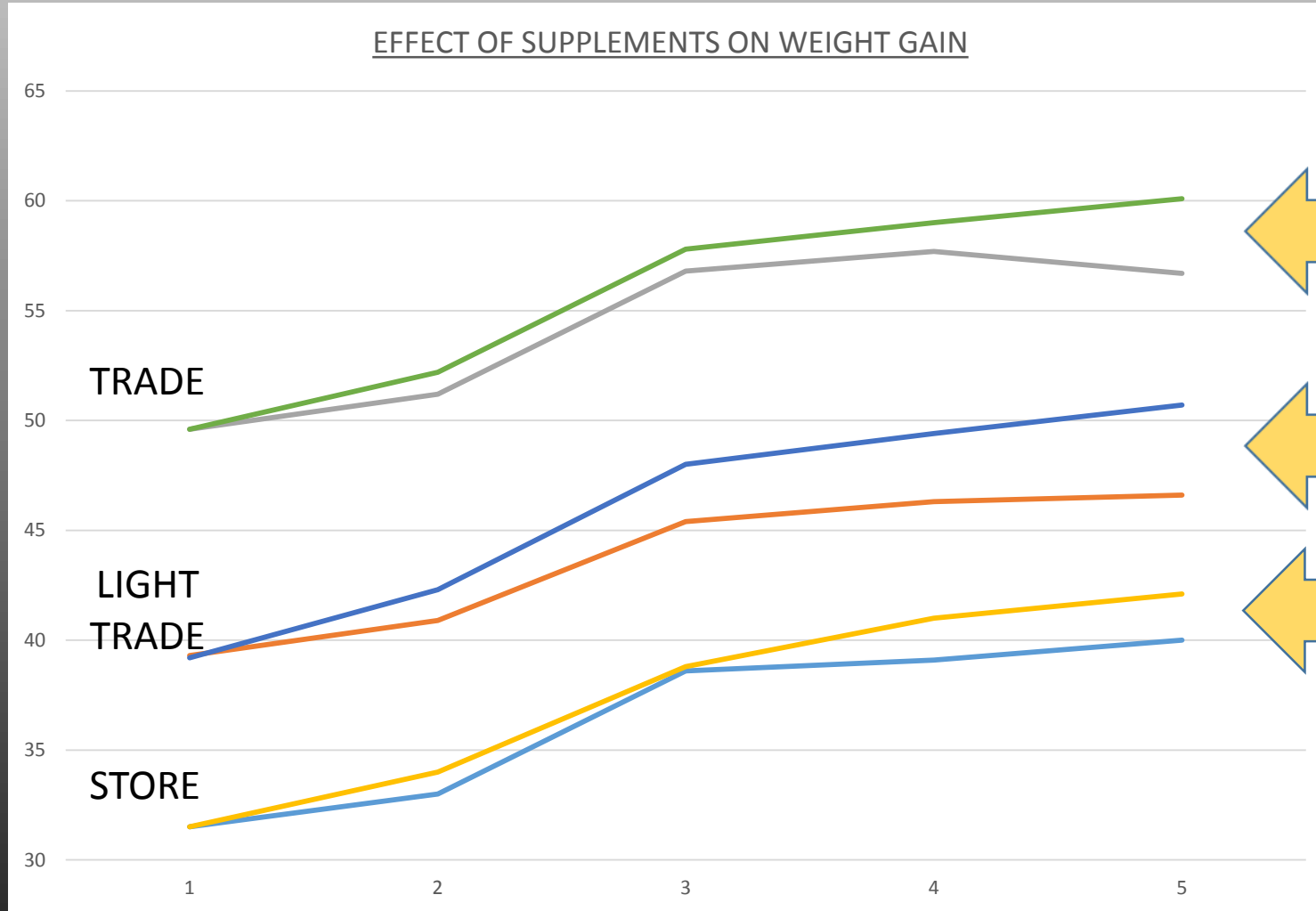
- AV 153 GMS/HD WEEK
- 3 WEEKS TO SETTLE
- NO INCREASE WITH REDUCTION IN LUCERNE QUALITY

LUCERNE QUALITY



- BOTH PROTEIN AND ENERGY DROPPED OVER TIME
- ENERGY LEVELS NOT DIFFERENT
- ENERGY MAIN DRIVER OF FEED EFFICIENCY AND INTAKE
- PROTEIN LEVEL HAS NO EFFECT ON WEIGHT GAIN

RESULTS



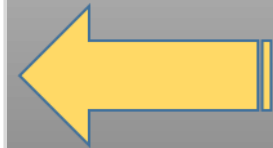
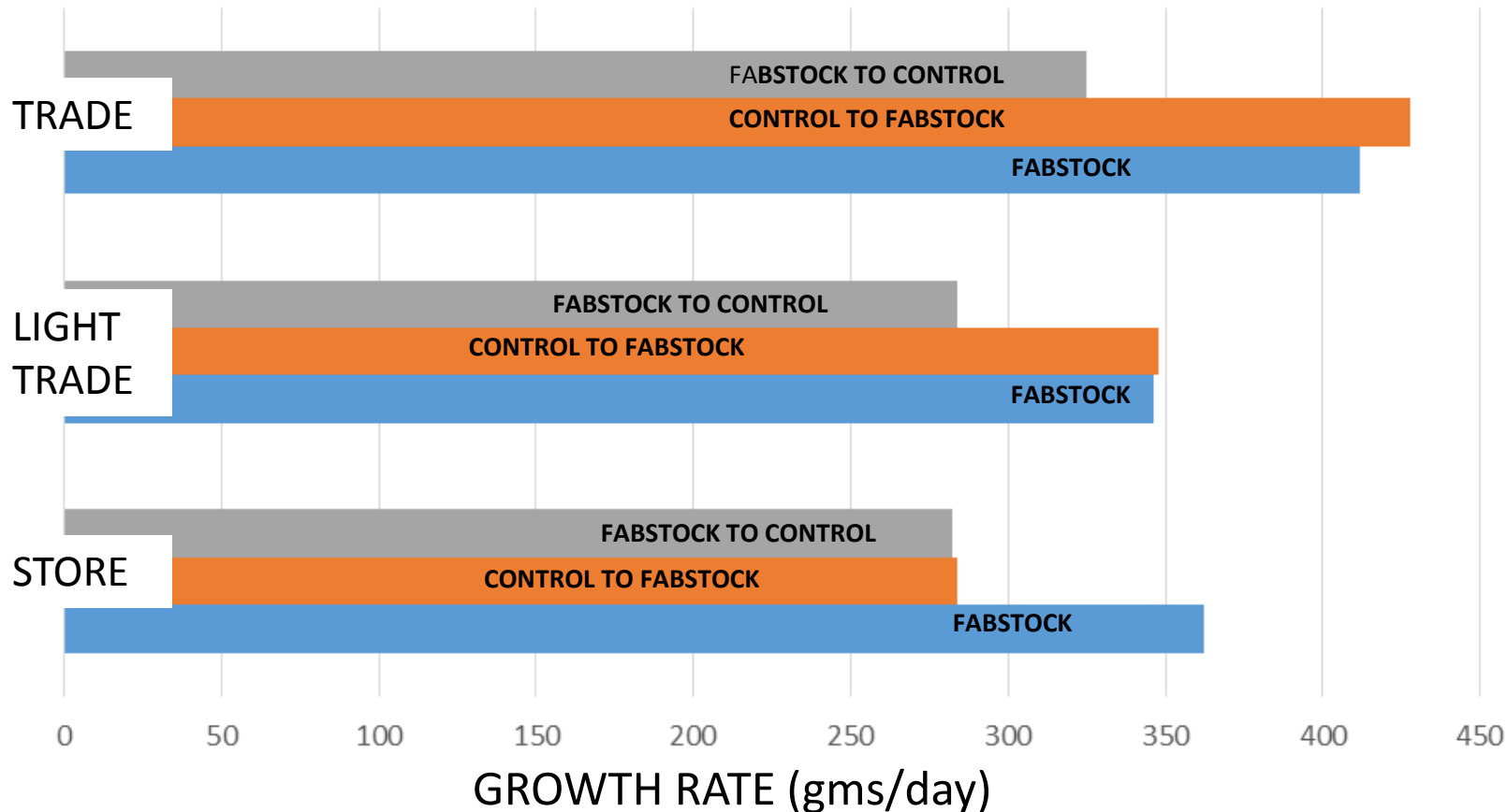
← DIFFERENCE OF 85 gms/day

← DIFFERENCE OF 101 gms/day

← DIFFERENCE OF 48 gms/day

SWAP TREATMENTS

Change of treatment effect on growth



IMMEDIATE
RESPONSE TO
SUPPLEMENT

MAINTAIN
SUPPLEMENT

PROFIT

		<u>Sale \$/head</u>	<u>Cost Supplement</u>	<u>Margin</u>	<u>Gain</u>
<u>STORE</u>	CONTROL	\$98.78		\$98.78	
-	SUPPLEMENT	\$100.82	\$1.42/head	\$99.40	<u>\$0.62</u>
<u>LIGHT TRADE</u>	CONTROL	\$109.55		\$109.55	
-	SUPPLEMENT	\$123.98	\$1.57/head	\$122.41	<u>\$12.86</u>
<u>TRADE</u>	CONTROL	\$141.25		\$141.25	
-	SUPPLEMENT	\$152.21	\$1.65/head	\$150.56	<u>\$9.31</u>

RETURN

AV GAIN \$1.46/WEEK

SUPPLEMENT COST

25c/WEEK



600% RETURN



OTHER RESULTS



WHEN FEED QUALITY
DECREASED



WEIGHT GAIN MAINTAINED
(ESPECIALLY FOR HEAVIER LAMBS)

OTHER RESULTS



SUPPLEMENT



MAGNESIUM
LESS STRESSED LAMBS

OTHER RESULTS

TO FINISH LAMBS TO SAME
WEIGHTS IN FEEDLOT



Av loss \$8.80

Feedlot calculator.xls



CONCLUSION



- POSITIVE EFFECT OF SUPPLEMENTS
- RETURN ON INVESTMENT 600%
- NEED TO MAINTAIN SUPPLEMENTS
- IMMEDIATE RESPONSE
- CALMER LAMBS
- MORE EFFICIENT PRODUCTION

MORE INFORMATION



➤ clearviewconsulting.com.au

➤ farmlink.com.au

➤ fabstock.com.au

