

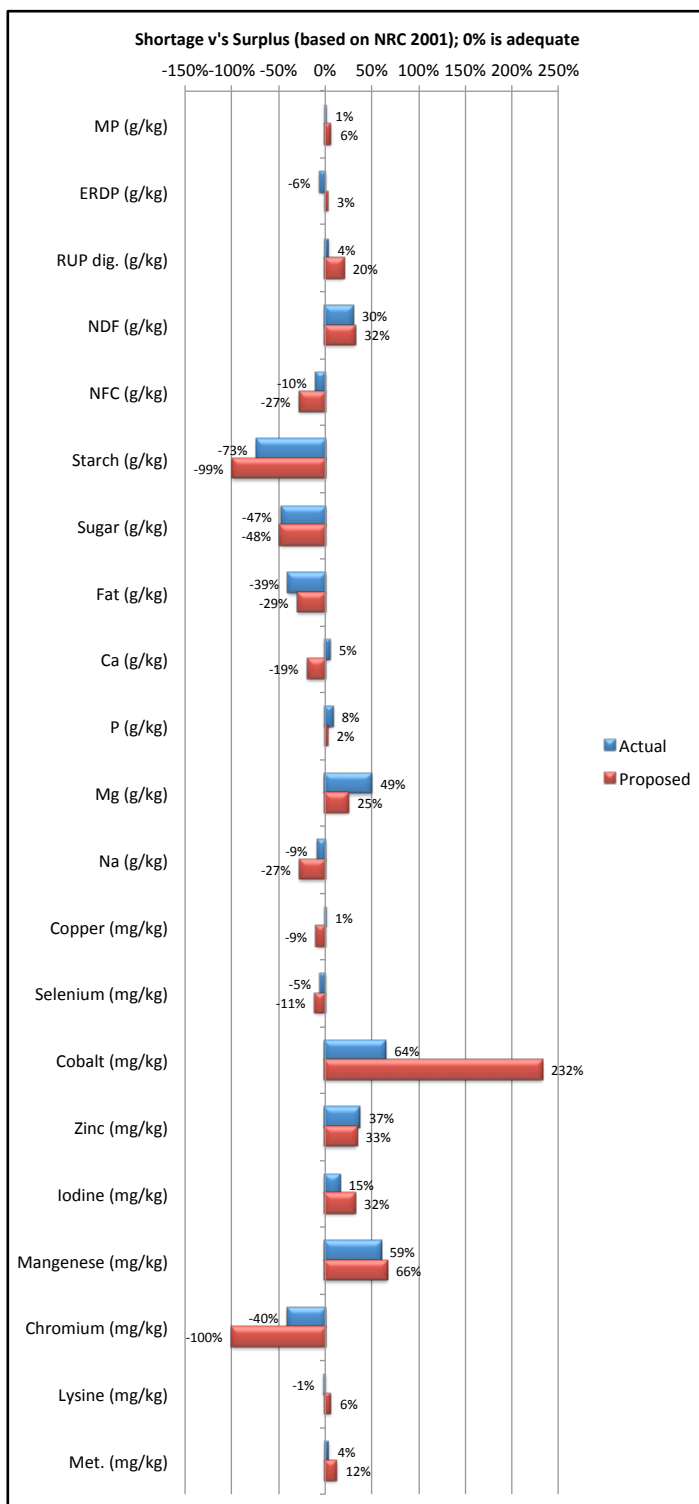
PASTURE AND TOPCOW® COMPLETE vs PASTURE AND PALM KERNEL

AS AT 11 JANUARY 2017

THE DAIRY
NUTRITION
SPECIALISTS

Feeds	Actual kg DM
Summer Pasture	12.85
Complete	1.55
Dairy 16	0.00
Meal lab	0.00
CD1	0.00
Barley	0.00
CD4	0.00
Balance	0.00
Canola	0.00
PS exc.	0.00
Maize silage	0.00
Pasture Hay	0.00
Lucerne silage	0.00
Soybean hulls	0.00
Turnips	0.00
Molasses	0.00
Potato	0.00
Custom Blend	0.00
Limestone	0.000
DCP	0.000
Mag oxide	0.000
Mag sulphate	0.000
Sodium bicarbonate	0.000
Salt	0.000
Mineral blend	0.000
NZOC	0.000
Total	14.40
Rotation length	26
Pre-grazing	2800
Post-grazing	1600
Cow LWT (kg's)	380
Km's walked	10
Wind chill factor	Jersey
Milk fat%	5.59
Milk protein%	4.19
LWT +/-	0
Grazing area/cow (m2)	134
Herd size	862
Month of lactation	6
Ideal	
MJ ME	161
MP (g)	1475 (1458)
Forage NDF	40% (>24%)
NFC (g)	3893 (4320)
Starch (g)	770 (2880)
ERDP (g)	1694 (1802)
RUP dig. (g)	512 (495)
Forage NDF:NFC	1.5 (>1.1)
Protein:Fat ratio	0.75 (>0.75)
FCE (kg DM/kg MS)	10.4
MOPFC (per cow daily)	\$4.46
OPM	81%
Actual litres/cow (vat)	14.2
Actual kg's MS/cow/day	1.38
Actual kg's MS/ha/day	3.98

Feeds	Proposed kg DM
Summer Pasture	12.85
Complete	0.00
Dairy 16	0.00
Meal lab	0.00
CD1	0.00
Barley	0.00
PKE	1.55
Power	0.00
DDG	0.00
PS good	0.00
Maize silage	0.00
Pasture Hay	0.00
Lucerne silage	0.00
Soybean hulls	0.00
Chicory	0.00
Molasses	0.00
Potato	0.00
Custom Blend	0.00
Limestone	0.000
DCP	0.000
Mag oxide	0.000
Mag sulphate	0.000
Sodium bicarbonate	0.000
Salt	0.000
Mineral blend	0.000
NZOC	0.000
Total	14.40
Rotation length	26
Pre-grazing	2800
Post-grazing	1600
Cow LWT (kg's)	380
Km's walked	10
Wind chill factor	Jersey
Milk fat%	5.59
Milk protein%	4.19
LWT +/-	0
Grazing area/cow (m2)	134
Herd size	862
Month of lactation	6
Ideal	
MJ ME	152
MP (g)	1408 (1323)
Forage NDF	40% (>24%)
NFC (g)	3142 (4321)
Starch (g)	26 (2880)
ERDP (g)	1744 (1699)
RUP dig. (g)	515 (431)
Forage NDF:NFC	1.8 (>1.1)
Protein:Fat ratio	0.75 (>0.75)
FCE (kg DM/kg MS)	12.3
MOPFC (per cow daily)	\$4.27
OPM	91%
Possible ltrs/cow APL adj.	12.0
Possible kg's MS/cow/day	1.17
Possible kg's MS/ha/day	3.37



Notes:

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Next visit:

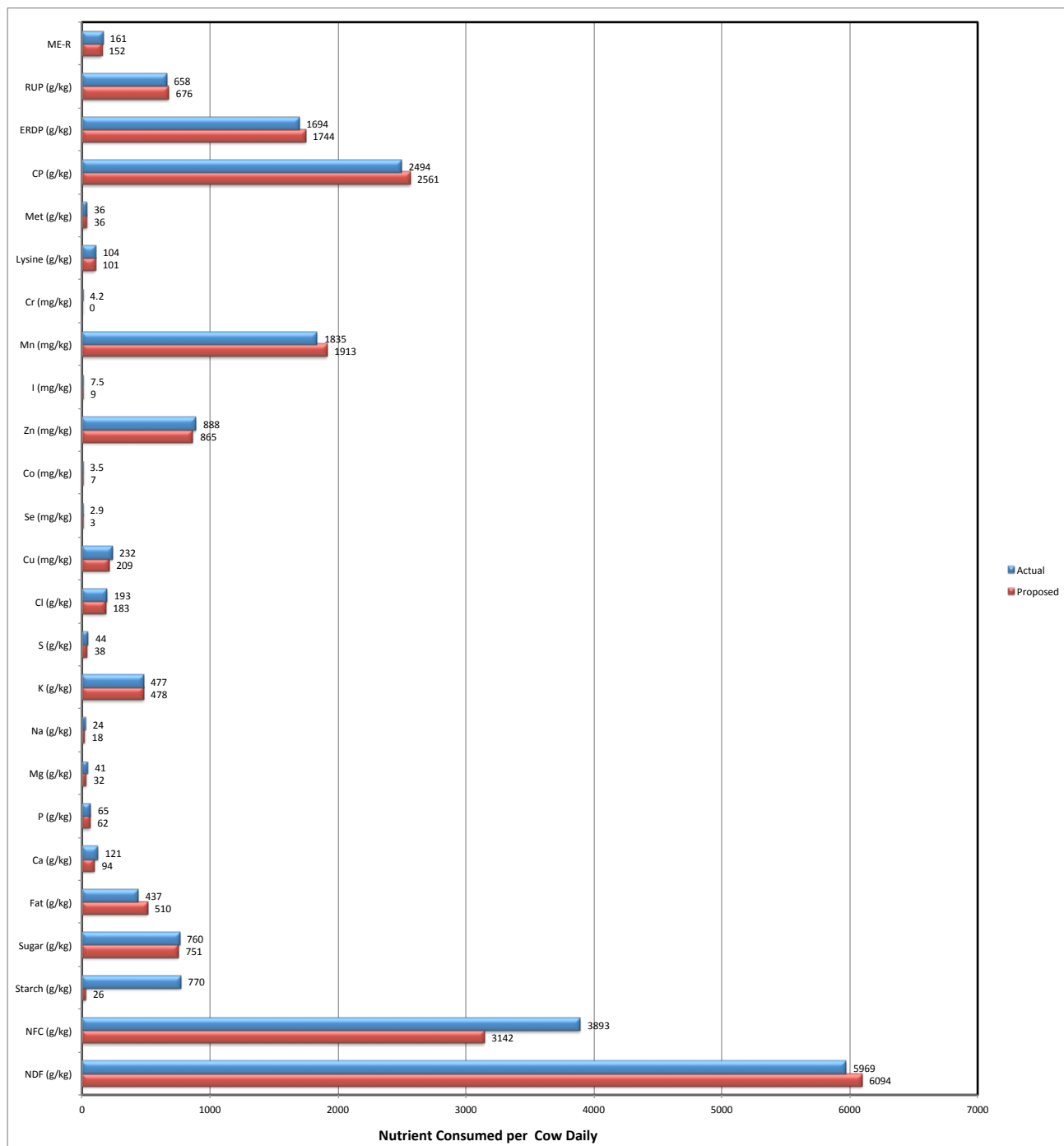
* Products containing Rumensin are for Animal Treatment Only, Medicated Food Stuff. Feeds containing Rumensin must be fed to lactating dairy cattle only, as indicated in this report. Do not feed to dogs, horses or other equines as ingestion of Rumensin may be fatal in these species.

Disclaimer: This feed calculator is prepared by Vanguard Nutrition Pty Ltd, ABN 34 149 770 123, as an aid to dairy managers in assessing dairy cow nutrient requirements and milk production output. This report is offered as a guide only and is in no way a guarantee of animal performance outcomes. Inghams Enterprises Pty Ltd and Inghams Enterprises (NZ) Pty Ltd are in no way responsible for any of the results produced by this calculator. Any issues or irregularities must be taken up directly with Vanguard Nutrition Pty Ltd. This report depends on the accuracy of the user's input, and Vanguard Nutrition Pty Ltd cannot be held responsible for any errors or untoward effects arising or perceived to arise from use of the tools. The tools are made available on the understanding that Vanguard Nutrition Pty Ltd is not engaged in rendering professional advice.

PASTURE AND TOPCOW[®] COMPLETE vs PASTURE AND PALM KERNEL

AS AT 11 JANUARY 2017

THE DAIRY
NUTRITION
SPECIALISTS



Cr: Chromium
NDF: Neutral Detergent Fibre
Fibre Carbohydrates
Protein
CP: Crude Protein
ERDP: Effective Rumen Degradable Protein
RUP: Rumen Undegradable Protein
Conversion Efficiency

MOPFC: Margin Over Purchased Feed Costs
OPM: Operating Profit Margin
Ca: Calcium
P: Phosphorus
Mg: Magnesium
Na: Sodium
K: Potassium
Cl: Chloride
S: Sulphur

Cu: Copper
Se: Selenium
Co: Cobalt
Zn: Zinc
I: Iodine
Mn: Manganese
Cr: Chromium