

killermont

File: SHL KMT\_DOFF\_max cows\_high DM prod\_animal weight\_HD.ovp

## Parameter report

Parameter name	Units	Value
Region		High Country (> 300 m)
No Fuel, electricity and other farm inputs		
No Farm capital (structure) inputs		
<b>Block setup summary</b>		
<b>Block name</b>	<b>Block type</b>	<b>Effective area (ha)</b>
Irrigated	Pastoral	850
Total farm area declared as blocks	ha	850
Total farm area	ha	1100
Non-productive area	ha	250
Relative productivity assessment method		Relative yield
Make all block stock ratios same as farm stock ratios		False
<b>Stock Information: Dairy animals</b>		
Dairy cows	/yr	2900
Replacements grazed off farm from		Weaning
Breed		Friesian
<b>Advanced dairy production</b>		
Milksolid yield	kg/yr	1160000
Lactation length	days	Unknown
Average weight	kg/animal	525
% replacements in milking herd		Unknown
<b>Default calving times used</b>		
Effluent disposal system		Holding pond
<b>Ponding system</b>		
Pond treatment methods		Spray regularly
Pond sludge disposal method		Spread over farm
Once a day milking		Never
<b>Grazing off options for milking cows animals</b>		
Month		Percent of milking cows animals
January		.
February		.
March		.
April		.
May		50
June		100
July		100
August		50
September		.
October		.
November		.
December		.
Grazed out most of farm prior to removal of animals		False

Dairy feed pad option not used  
 Dairy wintering pad/animal shelter option not used  
 Dairy Winter stand off or loafing pads option not used  
 Advanced pasture and supplements options for Dairy not used

**Animal health supplementation used by Dairy animals**

No animal supplementation has been entered

DCD is not applied  
 No Wetland information  
 No supplements added

**Block Information**

Parameter name	Units	Value
Block name		Irrigated
Area	ha	850
Block type		Pastoral
Topography		Flat
Distance from coast	km	90
Profile drainage class		Well
Poorly drained		False
Mole/tile drained		False
Spray effluent		True
Effluent application depth		< 12 mm
<b>Receives effluent from a wintering pad/animal shelter treatment</b>		
<b>Receives pond sludge from a wintering pad/animalshelter treatme</b>		
Irrigation	mm	600
<b>Irrigation</b>		
Border dyke		False
Water source is borderdyke outwash		False
<b>Irrigation nutrient concentrations for block</b>		
Irrigation Source		Block specific
Irrigation Units		mg/l
	<b>N</b>	<b>P</b>
	<b>K</b>	<b>S</b>
	<b>Ca</b>	<b>Mg</b>
	<b>Na</b>	
	0.1	0.1
	0.8	1.3
	4.7	1.1
		4.3
<b>Climate</b>		
Mean annual rainfall	mm	500
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
<b>Animals and Pasture</b>		
Ratio and type of stock based on whole farm values because there is only one block		
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Highly developed
Pasture type		Ryegrass / white clover

## Block Information

Parameter name	Units	Value
<b>Soil information</b>		
Soil type		MACKENZIE
Soil order (default)		Recent
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Sandy loam
Soil profile		Stony
Olsen P		23
QT K		6.5
QT Ca		5
QT Mg		9
QT Na		8
Organic S		17
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

## Block Fertiliser

### Fertiliser nutrient forms

Urea	DAP	Other NH4	NO3 Form			
200	0	0	0			
Super	DAP / DCP	RPR	Other			
32	0	0	0			
K	Sulphate S	Elemental S	Ca	Mg	Na	
0	10	0	0	0	0	

No N added in May, June and July

No soluble P applied in high risk months

Fertiliser P applied within 3 weeks of border dyke irrigation False

### Supplements removed

Type	Amount T/ha	Amount on dry weight basis	Destination	Block fed on
Silage	2.3	True	Paddocks	On all blocks

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