

killermont
 File: SHL KMT_DOFF_1200 cows_ animal weight.ovp

Parameter report

Parameter name	Units	Value
Region		High Country (> 300 m)
No Fuel, electricity and other farm inputs		
No Farm capital (structure) inputs		

Block setup summary

Block name	Block type	Effective area (ha)	Relative productivity
Irrigated	Pastoral	450	1
Total farm area declared as blocks		ha	450
Total farm area		ha	1100
Non-productive area		ha	650
Relative productivity assessment method			Relative yield
Make all block stock ratios same as farm stock ratios			False

Stock Information: Dairy animals

Dairy cows	/yr	1200
Replacements grazed off farm from		Weaning
Breed		Friesian

Advanced dairy production

Milksolid yield	kg/yr	480000
Lactation length	days	Unknown
Average weight	kg/animal	525
% replacements in milking herd		Unknown

Default calving times used

Effluent disposal system		Holding pond
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Ponding system

Pond treatment methods		Spray regularly
Pond sludge disposal method		Spread over farm
Once a day milking		Never

Grazing off options for milking cows animals

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	450					
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					
Receives effluent from a wintering pad/animal shelter treatment							
Receives pond sludge from a wintering pad/animalshelter treatme							
Irrigation	mm	600					
Irrigation							
Border dyke		False					
Water source is borderdyke outwash		False					
Irrigation nutrient concentrations for block							
Irrigation Source		Block specific					
Irrigation Units		mg/l					
	N	P	K	S	Ca	Mg	Na
	0.1	0.1	0.8	1.3	4.7	1.1	4.3
Climate							
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					
Animals and Pasture							
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)		Developed					
Pasture type		Ryegrass / white clover					

Block Information

Parameter name	Units	Value
Soil information		
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			
150	0	0	0			
Super	DAP / DCP	RPR	Other			
28	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
