

Glen Eyrie

File: GED_DOFF_max cows_animal weight_effluent exported_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		
Block setup summary		
Block name	Block type	Effective area (ha)
Irrigated	Pastoral	1600
Total farm area declared as blocks	ha	1600
Total farm area	ha	2135
Non-productive area	ha	535
Relative productivity assessment method		Relative yield
Make all block stock ratios same as farm stock ratios		False
Stock Information: Dairy animals		
Dairy cows	/yr	4400
Replacements grazed off farm from		Weaning
Breed		Friesian
Advanced dairy production		
Milksolid yield	kg/yr	1760000
Lactation length	days	Unknown
Average weight	kg/animal	525
% replacements in milking herd		Unknown
Default calving times used		
Effluent disposal system		Holding pond
Ponding system		
Pond treatment methods		Liquid exported
Pond sludge disposal method		Other (exported)
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

Wetlands

Wetland 1

Effective wetland area	ha	200
Condition		Class 1
Catchment area	ha	500
Catchment convergence		Moderate convergence
Wetland type		Type A
Aquitard depth		Unknown

Wetland 2

Effective wetland area	ha	50
Condition		Class 1
Catchment area	ha	200
Catchment convergence		Moderate convergence
Wetland type		Type A
Aquitard depth		Unknown

No supplements added

Block Information

Parameter name	Units	Value
Block name		Irrigated
Area	ha	1600
Block type		Pastoral
Topography		Rolling
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 isborderdyke outwash		False
Irrigation nutrient concentrations for block		
Irrigation Source		Block specific

Block Information

Parameter name	Units				Value		
Irrigation	Units				mg/l		
	N	P	K	S	Ca	Mg	Na
	0.5	0.1	0.8	1.3	4.7	1.1	4.3

Riparian strips

Catchment area supplying grass filterstrip	ha	750
Length of riparian strip	m	9750
Width of grass filterstrip (downlength slope)	m	5
Percentage of surface flow that drains through grass filterstrip	%	85
Percentage of runoff that is intercepted by grass filterstrip	%	85
Percentage of length of grass filterstrip that ponds water	%	85
Age of grass filterstrip	years	5
Entry condition		Bottom of hill, flat entry

Climate

Mean annual rainfall	mm	700
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)		Highly developed
Pasture type		Ryegrass / white clover

Soil information

Soil type		OHAU
Soil order (default)		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Silt loam
Soil profile		Shallow
Olsen P		22
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

Block Information

Parameter name	Units				Value	
Super	DAP / DCP	RPR	Other			
27	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	2.1	True	Paddocks	On all blocks
