

Totra Peaks
 File: Totara Peak 2.ovp

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Parameter report

Parameter name	Units	Value
Region		Otago
No Fuel, electricity and other farm inputs		
No Farm capital (structure) inputs		

Block setup summary

Block name	Block type	Effective area (ha)	Relative productivity
Hay Paddocks	Pastoral	35	1
Dry Land	Pastoral	50	0.5
Front Faces	Pastoral	2000	0.2
Native Hill	Pastoral	2900	0.1
Total farm area declared as blocks	ha		4985
Relative productivity assessment method			Relative yield
Make all block stock ratios same as farm stock ratios			True

Stock Information: Sheep, beef and deer

Stock unit calculator

Sheep					
Dominate breed					Merino
Number of ewes					3000
Ewe weight		kg			55
Number of ewe hogget replacements					900
Number of rams					35
Lambing month					October
Weaning month					January
Number of lambs weaned					2700
Hoggets lambled					False
Weaning weight		kg			22.5

Trading stock:

Type	Number	Month on	Weight start (kg)	Month off	Weight end (kg)
Lambs (wean nonbreeding)	1800	January	22.5	January	22.5

Animal production

Wool	kg	4
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Grazing off options for sheep not used

Advanced pasture supplement feeding options for sheep not used

Animal health supplementation used by Non-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		Hay Paddocks					
Area	ha	35					
Block type		Pastoral					
Topography		Flat					
Distance from coast	km	120					
Profile drainage class		Unknown					
Poorly drained		False					
Mole/tile drained		False					
Receives no liquid or solid effluents							
Irrigation	mm	600					
Irrigation							
Border dyke		False					
Water source is borderdyke outwash		False					
Irrigation nutrient concentrations for block							
Irrigation Source		Program default (fixed)					
Irrigation Units		mg/l					
	N	P	K	S	Ca	Mg	Na
	2.5	0.1	1.6	2.5	9.3	2.2	9.5
Climate							
Mean annual rainfall	mm	580					
Mean annual temperature	°C	9					
Seasonal variation in rainfall		Unknown					
Annual potential evapotranspiration (PET)		Unknown					
Seasonal variation in PET		Unknown					
Hydrophobic condition		Unknown					
Animals and Pasture							
Ratio and type of stock based on whole farm values because this option was checked in block set up							
Merino		True					
Development status (organic nutrients)		Developed					
Pasture type		Ryegrass / white clover					
Soil information							
Soil order		Brown					
Soil group (default)		Sedimentary					
Sand parent material		False					
Soil texture		Sandy loam					
Soil profile		Shallow					
Olsen P		22					
QT K		4					
QT Ca		9					
QT Mg		13					
QT Na		2					
Organic S		4.5					
QT SO4	mg/kg	4					
TBK reserve K test		Not known					
Anion storage capacity or PR		Not known					

Block Information

Parameter name	Units	Value
Block Fertiliser		
Fertiliser Calculator		
Fertiliser name	Category	Amount (kg/ha/yr)
Lucerne mix	Ballance other	170
Superten	Ballance super	200
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	Amount on dry weight basis	Destination	Block fed on
Balage	150	False	Paddocks	Dry Land

Block Information

Parameter name	Units	Value
Block name		Dry Land
Area	ha	50
Block type		Pastoral
Topography		Flat
Distance from coast	km	120
Profile drainage class		Unknown
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
Climate		
Mean annual rainfall	mm	580
Mean annual temperature	°C	9
Seasonal variation in rainfall		Unknown
Annual potential evapotranspiration (PET)		Unknown
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown

Animals and Pasture

Ratio and type of stock based on whole farm values		
because this option was checked in block set up		
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

Soil information

Block Information

Parameter name	Units	Value
Soil order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Sandy loam
Soil profile		Shallow
Olsen P		200
QT K		4
QT Ca		9
QT Mg		13
QT Na		2
Organic S		4.5
QT SO4	mg/kg	4
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Superten	Ballance super	200
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
No supplements removed from the block		

Block Information

Parameter name	Units	Value
Block name		Front Faces
Area	ha	2000
Block type		Pastoral
Topography		Steep hill
Distance from coast	km	120
Profile drainage class		Unknown
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
Climate		
Mean annual rainfall	mm	600
Mean annual temperature	°C	9
Seasonal variation in rainfall		Unknown
Annual potential evapotranspiration (PET)		Unknown
Seasonal variation in PET		Unknown

Block Information

Parameter name	Units	Value
Hydrophobic condition		Unknown
Animals and Pasture		
Ratio and type of stock based on whole farm values because this option was checked in block set up		
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover
Soil information		
Soil order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		20
QT K		4
QT Ca		9
QT Mg		13
QT Na		2
Organic S		4.5
QT SO4	mg/kg	4
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser P applied within 3 weeks of border dyke irrigation		False
No supplements removed from the block		

Block Information

Parameter name	Units	Value
Block name		Native Hill
Area	ha	2900
Block type		Pastoral
Topography		Steep hill
Distance from coast	km	120
Profile drainage class		Unknown
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
Climate		
Mean annual rainfall	mm	600
Mean annual temperature	°C	9

Block Information

Parameter name	Units	Value
Seasonal variation in rainfall		Unknown
Annual potential evapotranspiration (PET)		Unknown
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
Animals and Pasture		
Ratio and type of stock based on whole farm values because this option was checked in block set up		
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Unimproved/Tussock grasslands
Soil information		
Soil order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		10
QT K		4
QT Ca		9
QT Mg		13
QT Na		2
Organic S		4.5
QT SO4	mg/kg	4
TBK reserve K test		Not known
Anion storage capacity or PR		Not known
Block Fertiliser		
Fertiliser P applied within 3 weeks of border dyke irrigation		False
No supplements removed from the block		
