

ESTATE MUNRO A H - ROSTRIEVER NICKY HAND  
 RUN  
 C/- IAN CARTER  
 BARRISTER & SOLICITOR  
 PO BOX 110  
 DUNEDIN  
 Client Reference: 552251  
 File: Rostriever Station OVP.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
Unimproved Hill	Pastoral	729	0.5
Improved Hill	Pastoral	1295	2
Cultivable	Pastoral	174	6
K-Line Irrigation	Pastoral	28	6
Total farm area declared as blocks	ha		2226
Relative productivity assessment method			Relative yield
Make all block stock ratios same as farm stock ratios			False

### Stock Information: Sheep, beef and deer

Sheep	RSU	3878
Beef	RSU	288
Animal production		
Wool	kg	21000
% beef as male		50

Grazing off options for sheep not used  
 Advanced pasture supplement feeding options for sheep not used

Grazing off options for beef animals not used  
 Wintering off/animal shelter options for beef animals not used  
 Advanced pasture supplement feeding options for beef 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		Unimproved Hill
Area	ha	729
Block type		Pastoral
Topography		Easy hill
Distance from coast	km	115
Profile drainage class		Moderately well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		

### Climate

Mean annual rainfall	mm	400
Mean annual temperature	°C	8
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown

### Animals and Pasture

Sheep	%	100
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Unimproved/Tussock grasslands

### Soil information

Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown

### Soil profile

Olsen P		10
QT K		8
QT Ca		7
QT Mg		22
QT Na		3
Organic S		4
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

### Block Fertiliser

#### Fertiliser nutrient forms

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

## Block Information

Parameter name	Units	Value
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		Improved Hill
Area	ha	1295
Block type		Pastoral
Topography		Easy hill
Distance from coast	km	115
Profile drainage class		Moderately well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		

## Climate

Mean annual rainfall	mm	400
Mean annual temperature	°C	8
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
Altitude	m	270

## Animals and Pasture

Sheep	%	100
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

## Soil information

Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown

## Soil profile

Olsen P		13
QT K		8
QT Ca		7
QT Mg		22
QT Na		3

## Block Information

Parameter name	Units	Value
Organic S		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)
Sulphur gain 30S	Ballance super	40

No N added in May, June and July

No soluble P applied in high risk months

### Fertiliser nutrient forms

<b>Urea</b>	<b>DAP</b>	<b>Other NH4</b>	<b>NO3 Form</b>			
0	0	0	0			
<b>Super</b>	<b>DAP / DCP</b>	<b>RPR</b>	<b>Other</b>			
0	0	0	0			
<b>K</b>	<b>Sulphate S</b>	<b>Elemental S</b>	<b>Ca</b>	<b>Mg</b>	<b>Na</b>	
0	0	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

No supplements removed from the block

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## Block Information

Parameter name	Units	Value
Block name		Cultivable
Area	ha	174
Block type		Pastoral
Topography		Rolling
Distance from coast	km	115
Profile drainage class		Moderately well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		

### Climate

Mean annual rainfall	mm	325
Mean annual temperature	°C	8
Seasonal variation in rainfall		Low

## Block Information

Parameter name	Units	Value
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
<b>Animals and Pasture</b>		
Sheep	%	96
Merino		True
Beef	%	4
Finishing		True
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

## Soil information

Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown

## Soil profile

Olsen P		17
QT K		7
QT Ca		8
QT Mg		22
QT Na		3
Organic S		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)
Sulphur super 20	Ravensdown super	200

No N added in May, June and July

No soluble P applied in high risk months

### Fertiliser nutrient forms

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

## Block Information

Parameter name	Units	Value
No supplements removed from the block		

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## Block Information

Parameter name	Units	Value
Block name		K-Line Irrigation
Area	ha	28
Block type		Pastoral
Topography		Flat
Distance from coast	km	90
Profile drainage class		Moderately well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
Irrigation	mm	660

## Irrigation

Border dyke		False
Water source is borderdyke outwash		False

## Irrigation nutrient concentrations for block

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>
	0.5	0.1	1.6	2.5	9.3	2.2	9.5

## Climate

Mean annual rainfall	mm	325
Mean annual temperature	°C	8
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5

## Animals and Pasture

Sheep	%	100
Merino		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

## Soil information

Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown

## Soil profile

Olsen P		18
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## Block Information

Parameter name	Units	Value
QT K		5
QT Ca		8
QT Mg		22
QT Na		4
Organic S		5
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

## Block Fertiliser

### Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Lucerne mix + TE No N added in May, June and July No soluble P applied in high risk months	Ravensdown super	180

### Fertiliser nutrient forms

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

No supplements removed from the block

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