

RIBBONWOOD STATION - BURROWS NICKY HAND
 C/- G G BURROWS
 PRIVATE BAG
 OMARAMA
 Client Reference: 7096797
 File: Ribbonwood NB Future.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
Homestead Flats	Pastoral	130	0.4
Main Flats	Pastoral	420	0.4
Ahuriri flats irrigated	Pastoral	300	0.61
Topdressed Hill	Pastoral	1475	0.62
Native Hill	Pastoral	3959	0.27
River flats	Pastoral	355	0.4
Homestead Flats irrigated	Pastoral	270	0.4
Main Flats irrigated	Pastoral	380	0.4
Total farm area declared as blocks	ha		7289
Relative productivity assessment method			Relative yield
Make all block stock ratios same as farm stock ratios			False

Stock Information: Sheep, beef and deer

Stock unit calculator

Sheep					
Dominate breed					Merino
Number of ewes					8000
Ewe weight		kg			45
Number of ewe hogget replacements					1500
Number of rams					100
Lambing month					October
Weaning month					February
Number of lambs weaned					7000
Hoggets lambed					False
Weaning weight		kg			20
Trading stock:					
Type	Number	Month on	Weigth start (kg)	Month off	Weigth end (kg)
Lambs (wean nonbreeding)	5500	February	20	October	40
Wethers	1170	Start year (1/July)	50	End year (30/June)	50

Beef					
Dominate breed					Hereford
Number of breeding cows					330
Live weight		kg			500
Number of R1 replacements					80
Number of R2 replacements					60
Number of bulls					5
R2 heifers calved					False

Weaning month	April				
Trading stock:					
Type	Number	Month on	Weight start (kg)	Month off	Weight end (kg)
Weaners (nonbreeding)	265	April	200	October	300
Animal production					
Wool				kg	52000
% beef as male					15

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

Supplements Added

Category	Type	Amount (T)	Amount on a dry weight basis	Destination	Animal type or block
Grains/Pulses	Oats grain	28.0	True	Paddocks	sheep

Block Information

Parameter name	Units	Value
Block name		Homestead Flats
Area	ha	130
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
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	500
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	44
Altitude	m	650

Animals and Pasture

Sheep	%	76
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Block Information

Parameter name	Units	Value
Merino		True
Beef	%	24
Finishing		False
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

Pasture quality

Month	Digestibility (%)	ME (MJ ME /kgt DM)
January	75	11.0
February	74	11.0
March	77	11.4
April	78	11.5
May	77	11.4
June	77	11.3
July	77	11.4
August	78	11.5
September	79	11.6
October	79	11.7
November	79	11.7
December	78	11.5

Clover levels	Very low
Pasture utilisation (%)	Default used

Soil information

Soil type	CRAIGIEBURN
Soil order (default)	Brown
Soil group (default)	Sedimentary
Sand parent material	False
Soil texture	Silt loam
Soil profile	Shallow
Olsen P	11
QT K	7
QT Ca	6
QT Mg	9
QT Na	3
Organic S	6.8
QT SO4	19
TBK reserve K test	3.07
Anion storage capacity or PR	Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (T/ha/yr)
Superphosphate	Ravensdown super	5
Urea	Ravensdown other	1.5

No N added in May, June and July

No soluble P applied in high risk months

Block Information

Parameter name	Units				Value	
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	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						

Block Information

Parameter name	Units	Value
Block name		Main Flats
Area	ha	420
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
Profile drainage class		Unknown
Poorly drained		True
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
Climate		
Mean annual rainfall	mm	500
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	44
Altitude	m	650
Animals and Pasture		
Sheep	%	76
Merino		True
Beef	%	24
Finishing		False

Block Information

Parameter name	Units	Value
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

Pasture quality

Month	Digestibility (%)	ME (MJ ME /kgt DM)
January	75	11.0
February	74	11.0
March	78	11.4
April	78	11.5
May	77	11.4
June	77	11.3
July	77	11.4
August	78	11.5
September	79	11.6
October	79	11.7
November	79	11.7
December	78	11.5

Clover levels	Very low
Pasture utilisation (%)	Default used

Soil information

Soil type	OHAU
Soil order (default)	Brown
Soil group (default)	Sedimentary
Sand parent material	False
Soil texture	Silt loam

Soil profile

Olsen P		11
QT K		7
QT Ca		6
QT Mg		9
QT Na		3
Organic S		6.8
QT SO4	mg/kg	6
TBK reserve K test		3.07
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (T/ha/yr)
Superphosphate	Ravensdown super	16
Cropmaster 20	Ravensdown cropping	3
Urea	Ravensdown other	5

No N added in May, June and July

No soluble P applied in high risk months

Block Information

Parameter name	Units				Value	
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

Block Information

Parameter name	Units	Value
Block name		Ahuriri flats irrigated
Area	ha	300
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
Profile drainage class		Unknown
Poorly drained		True
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
Climate		
Mean annual rainfall	mm	500
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	44
Altitude	m	650
Animals and Pasture		
Sheep	%	80
Merino		True
Beef	%	20
Finishing		True
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed

Block Information

Parameter name	Units	Value
Pasture type		Ryegrass / white clover
Pasture quality		
Month	Digestibility (%)	ME (MJ ME /kgt DM)
January	75	11.0
February	74	11.0
March	78	11.4
April	78	11.5
May	77	11.4
June	77	11.3
July	77	11.4
August	78	11.5
September	79	11.6
October	79	11.7
November	79	11.7
December	78	11.5
Clover levels		Very low
Pasture utilisation (%)		Default used
Soil information		
Soil type		TEKAPO
Soil order (default)		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Silt loam
Soil profile		
Olsen P		11
QT K		3
QT Ca		1
QT Mg		3
QT Na		3
Organic S		11.3
QT SO4	mg/kg	10
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	250
Urea	Ravensdown other	65
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

Block Information

Parameter name	Units				Value	
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

Block Information

Parameter name	Units	Value
Block name		Topdressed Hill
Area	ha	1475
Block type		Pastoral
Topography		Easyhill
Distance from coast	km	100
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	500
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	44
Altitude	m	750

Animals and Pasture

Sheep	%	76
Merino		True
Beef	%	24
Finishing		False
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed
Pasture type		Unimproved/Tussock grasslands

Pasture quality

Block Information

Parameter name		Units	Value
Month	Digestibility (%)	ME (MJ ME /kgt DM)	
January	69	10.2	
February	68	10.1	
March	71	10.5	
April	71	10.5	
May	71	10.5	
June	70	10.4	
July	71	10.5	
August	72	10.6	
September	72	10.7	
October	73	10.8	
November	73	10.8	
December	71	10.5	

Clover levels	Very low
Pasture utilisation (%)	Default used

Soil information

Soil type	PUKETERAKI
Soil order (default)	Brown
Soil group (default)	Sedimentary
Sand parent material	False
Soil texture	Unknown

Soil profile

Olsen P	15	
QT K	8	
QT Ca	5	
QT Mg	21	
QT Na	3	
Organic S	3	
QT SO4	mg/kg	12
TBK reserve K test	Not known	
Anion storage capacity or PR	Not known	

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (T/ha/yr)
Maxi sulphur super 50S	Ravensdown super	10
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

Block Information

Parameter name	Units			Value		
	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

Block Information

Parameter name	Units	Value
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Block name

Native Hill

Area

ha

3959

Block type

Pastoral

Topography

Easyhill

Distance from coast

km

100

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

500

Mean annual temperature

°C

9.1

Seasonal variation in rainfall

Low

Annual potential evapotranspiration (PET)

801-950

Seasonal variation in PET

Moderate

Hydrophobic condition

Unknown

Latitude South

°

44

Altitude

m

750

Animals and Pasture

Sheep

%

76

Merino

False

Beef

%

24

Finishing

False

Dairy or beef animals have direct access to streams

False

Development status (organic nutrients)

Developed

Pasture type

Unimproved/Tussock grasslands

Pasture quality

Month	Digestibility (%)	ME (MJ ME /kgt DM)
January	69	10.2
February	68	10.1
March	71	10.5

Block Information

Parameter name		Units	Value
April	71	10.5	
May	71	10.5	
June	70	10.4	
July	71	10.5	
August	72	10.6	
September	72	10.7	
October	73	10.8	
November	73	10.8	
December	71	10.5	

Clover levels Verylow
 Pasture utilisation (%) Default used

Soil information

Soil type TENGAWAI
 Soil order (default) Pallic
 Soil group (default) Recent/YGE/BGE
 Sand parent material False
 Soil texture Unknown
 Soil profile Shallow
 Olsen P 15
 QT K 8
 QT Ca 5
 QT Mg 21
 QT Na 3
 Organic S 3
 QT SO4 mg/kg 12
 TBK reserve K test Not known
 Anion storage capacity or PR Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (T/ha/yr)
Superten	Ballance super	40

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

Block Information

Parameter name	Units	Value
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		River flats
Area	ha	355
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
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	500
Mean annual temperature	°C	9.2
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	44
Altitude	m	650

Animals and Pasture

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

Soil information

Soil type		TEKAPO
Soil order (default)		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown

Soil profile

Olsen P		11
QT K		7
QT Ca		6
QT Mg		9
QT Na		3

Block Information

Parameter name	Units	Value
Organic S		6.8
TBK reserve K test		3.07
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

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		Homestead Flats irrigated
Area	ha	270
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
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	500
Mean annual temperature not known		
Seasonal variation in rainfall		Unknown
Annual potential evapotranspiration (PET)		Unknown
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown

Animals and Pasture

Sheep	%	80
Merino		True

Block Information

Parameter name	Units	Value
Beef	%	20
Finishing		False
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

Soil information

Soil type	TEKAPO
Soil order (default)	Brown
Soil group (default)	Sedimentary
Sand parent material	False
Soil texture	Unknown
Soil profile	Shallow
Olsen P	11
QT K	7
QT Ca	6
QT Mg	9
QT Na	3
Organic S	6.8
TBK reserve K test	3.07
Anion storage capacity or PR	Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Sulphur super 20	Ravensdown super	250
Urea	Ravensdown other	65
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
No supplements removed from the block	

Block Information

Parameter name	Units	Value
Block name		Main Flats irrigated
Area	ha	380
Block type		Pastoral
Topography		Flat
Distance from coast	km	100
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	500
Mean annual temperature not known		
Seasonal variation in rainfall		Unknown
Annual potential evapotranspiration (PET)		Unknown
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
Animals and Pasture		
Sheep	%	80
Merino		True
Beef	%	20
Finishing		False
Dairy or beef animals have direct access to streams		False
Development status (organic nutrients)		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		Unknown
Soil profile		Shallow
Olsen P		11
QT K		7
QT Ca		6
QT Mg		9
QT Na		3
Organic S		6.8
TBK reserve K test		3.07
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Sulphur super 20	Ravensdown super	250
Urea	Ravensdown other	65

Block Information

Parameter name	Units				Value	
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
No supplements removed from the block						
