

ANDERSON D K - BOG ROYSTATION NICKY HAND
 BOG ROY STATION
 PRIVATE BAG 3
 KUROW
 Client Reference: 60504299
 File: Bog Roy Station OVP.ovp

Parameter report

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

Block setup summary

Block name	Block type	Effective area (ha)	Relative productivity
O/Sown Hill	Pastoral	1270	1.5
Spray Irrigation	Pastoral	228	16
Improved Dryland	Pastoral	77	3
Native	Pastoral	1425	0.5
Total farm area declared as blocks	ha		3000
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	6300
Beef	RSU	750
Animal production		
Wool	kg	27500
% beef as male		10

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

Salt block type 1	Summit multimineral block
Salt block number 1	100

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	Barley grain	25.0	False	Paddocks	sheep

Block Information

Parameter name	Units	Value
Block name		O/Sown Hill
Area	ha	1270
Block type		Pastoral
Topography		Steep hill
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	520
Mean annual temperature	°C	8
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
Altitude	m	450

Animals and Pasture

Sheep	%	97
Merino		True
Beef	%	3
Finishing		False
Dairy or beef animals have direct access to streams		True
Development status (organic nutrients)		Developed
Pasture type		Browntop

Soil information

Soil order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		21
QT K		20
QT Ca		9
QT Mg		38
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)
Maxi sulphur super 50S	Ravensdown super	50

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						

Block Information

Parameter name	Units	Value				
Block name		Spray Irrigation				
Area	ha	228				
Block type		Pastoral				
Topography		Flat				
Distance from coast	km	100				
Profile drainage class		Moderately well				
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	520				
Mean annual temperature	°C	8				
Seasonal variation in rainfall		Low				

Block Information

Parameter name	Units	Value
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
Altitude	m	450

Animals and Pasture

Sheep	%	97
Merino		True
Beef	%	3
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 order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Deep
Olsen P		28
QT K		7
QT Ca		9
QT Mg		31
QT Na		7
Organic S		5
TBK reserve K test		3.41
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser nutrient forms

Urea	DAP	Other NH4	NO3 Form			
80	0	0	0			
Super	DAP / DCP	RPR	Other			
20	0	0	0			
K	Sulphate S	Elemental S	Ca	Mg	Na	
15	15	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
Balage	0.899999976158142	1.0	Off farm

Block Information

Parameter name

Units

Value

Block Information

Parameter name

Units

Value

Block name		Improved Dryland
Area	ha	77
Block type		Pastoral
Topography		Rolling
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	520
Mean annual temperature	°C	8
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
Altitude	m	450

Animals and Pasture

Sheep	%	98
Merino		True
Beef	%	2
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 order		Brown
Soil group (default)		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		31
QT K		12
QT Ca		10
QT Mg		35
QT Na		7
Organic S		6
TBK reserve K test		Not known

Block Information

Parameter name	Units	Value
Anion storage capacity or PR		Not known

Block Fertiliser

Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Sulphur super 20	Ravensdown super	150
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

Supplements removed

Type	Amount T/ha	Amount on dry weight basis	Destination	Block fed on
Balage	0.40000000596076	0.40	Paddocks	On all blocks

Block Information

Parameter name	Units	Value
Block name		Native
Area	ha	1425
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	520
Mean annual temperature	°C	8

Block Information

Parameter name	Units	Value
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		651-800
Seasonal variation in PET		Moderate
Hydrophobic condition		Unknown
Latitude South	°	43.5
Altitude	m	450

Animals and Pasture

Sheep	%	98
Merino		True
Beef	%	2
Finishing		False
Dairy or beef animals have direct access to streams		False
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		14
QT K		12
QT Ca		8
QT Mg		32
QT Na		2
Organic S		2
TBK reserve K test		5
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
