

Richard Peacocke
 Glen Eyrie Downs
 File: GED_CROP_210 ha.ovc

Melissa Robson

Parameter report

Parameter name	Units	Value
Assessment year not given		
Region		High Country (> 300 m)

Block setup summary

Block name	Effective area (ha)	
Year 1 rotation	70.0	
Year 2 rotation	70.0	
Year 3 rotation	70.0	
Total area		2168

Block Information

Parameter name	Units	Value
Block name		Year 1 rotation
Effective area	ha	70
Region		High Country (> 300 m)
Cultivated area	% of area	100
Distance from coast	km	90
Rainfall	mm	700
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Soil type		OHAU
Soil order (default)		Brown
Soil group (default)		Sedimentary
Soil texture group		Medium
Depth to stones		0.3 - 0.7 m
TBK reserve K test		Not known
Final grid month		December
Years in pasture		10

Irrigation nutrient concentrations for block

Irrigation Source		Block specific						
Irrigation Units		mg/l						
N	P	K	S	Ca	Mg	Na		
0.5	0.1	1.6	2.5	9.3	2.2	9.5		

Crop Information

Prior history		Pasture
Previous year		
January	Crop	Grazed pasture
Irrigation rate	mm	100

Block Information

Parameter name	Units	Value					
February	Crop	Grazed pasture					
Irrigation rate	mm	100					
March	Crop	Grazed pasture					
Irrigation rate	mm	100					
April	Crop	Grazed pasture					
May	Crop	Grazed pasture					
June	Crop	Grazed pasture					
Lime / dolomite application							
Lime material		Lime (good quality)					
Rate	kg/ha/yr	250					
July	Crop	Grazed pasture					
August	Crop	Grazed pasture					
September	Crop	Grazed pasture					
October	Crop	Grazed pasture					
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	50	0	0	0	0	0	0
November				Crop			Grazed pasture
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	50	0	0	0	0	0	0
Irrigation rate				mm		100	
December				Crop			Grazed pasture
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	50	0	0	0	0	0	0
Irrigation rate				mm		100	
Current assessment year							
January	Crop	Grazed pasture					
Irrigation rate	mm	100					
February	Crop	Grazed pasture					
March							
Management Option		Crop sown					
Crop sowing details							
Crop category		Grain crops					
Crop type		Wheat (autumn)					
Product yield	grain	12					
Cultivation practice at sowing		Direct drilled					
Residual disposal method		Removed					
Olsen P		22					
QT K		7					
QT Ca		5					
QT Mg		9					
QT Na		8					
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
None	0	35	110	13	0	0	0
Irrigation rate				mm		25	
April				Crop			Wheat (autumn)

Block Information

Parameter name					Units	Value			
May					Crop	Wheat (autumn)			
June					Crop	Wheat (autumn)			
July					Crop	Wheat (autumn)			
August					Crop	Wheat (autumn)			
September					Crop	Wheat (autumn)			
Irrigation rate					mm	25			
October					Crop	Wheat (autumn)			
Soluble fertiliser (kg/ha/month)									
N Type	N	P	K	S	Ca	Mg	Na		
Urea	120	0	0	12	0	20	0		
Irrigation rate					mm	50			
November					Crop	Wheat (autumn)			
Soluble fertiliser (kg/ha/month)									
N Type	N	P	K	S	Ca	Mg	Na		
Urea	60	0	0	0	0	0	0		
Irrigation rate					mm	50			
December					Crop	Wheat (autumn)			
Soluble fertiliser (kg/ha/month)									
N Type	N	P	K	S	Ca	Mg	Na		
Urea	40	0	0	0	0	0	0		

Block Information

Parameter name					Units	Value			
Block name						Year 2 rotation			
Effective area					ha	70			
Region						High Country (> 300 m)			
Cultivated area					% of area	100			
Distance from coast					km	90			
Rainfall					mm	700			
Seasonal variation in rainfall						Low			
Annual potential evapotranspiration (PET)						801-950			
Seasonal variation in PET						Moderate			
Soil type						OHAU			
Soil order (default)						Brown			
Soil group (default)						Sedimentary			
Soil texture group						Medium			
Depth to stones						0.3 - 0.7 m			
TBK reserve K test						Not known			
Final grid month						December			
Years in pasture						9			
Irrigation nutrient concentrations for block									
Irrigation Source						Block specific			
Irrigation Units						mg/l			
	N	P	K	S	Ca	Mg	Na		
	0.5	0.1	1.6	2.5	9.3	2.2	9.5		

Block Information

Parameter name	Units	Value					
Crop Information							
Prior history		Grain crop					
Previous year							
January							
Management Option		Crop sown					
Crop sowing details							
Crop category		Grain crops					
Crop type		Wheat (autumn)					
Product yield	grain	11					
Cultivation practice at sowing		Direct drilled					
Residual disposal method		Retained					
Olsen P		22					
QT K		7					
QT Ca		5					
QT Mg		9					
QT Na		8					
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
None	0	30	110	13	0	0	0
February				Crop		Wheat (autumn)	
March				Crop		Wheat (autumn)	
Irrigation rate				mm		25	
April				Crop		Wheat (autumn)	
May				Crop		Wheat (autumn)	
June				Crop		Wheat (autumn)	
July				Crop		Wheat (autumn)	
August				Crop		Wheat (autumn)	
September				Crop		Wheat (autumn)	
Irrigation rate				mm		25	
October				Crop		Wheat (autumn)	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	120	0	0	12	0	20	0
Irrigation rate				mm		50	
November				Crop		Wheat (autumn)	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	60	0	0	0	0	0	0
Irrigation rate				mm		50	
December				Crop		Wheat (autumn)	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	40	0	0	0	0	0	0
Irrigation rate				mm		50	
Current assessment year							
January							
Management Option						Final harvest	
February				Crop		No crop uptake	

Block Information

Parameter name	Units	Value					
March							
Management Option		Crop sown					
Crop sowing details							
Crop category		Forages					
Crop type		Triticale (autumn)					
Yield at final defoliation	dry matter	13					
Cultivation practice at sowing		Direct drilled					
Olsen P		22					
QT K		10					
QT Ca		5					
QT Mg		15					
QT Na		8					
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
None	0	50	80	13	0	0	0
Irrigation rate				mm		25	
April				Crop		Triticale (autumn)	
May				Crop		Triticale (autumn)	
June				Crop		Triticale (autumn)	
July				Crop		Triticale (autumn)	
August				Crop		Triticale (autumn)	
September							
Management Option						Defoliation	
Defoliation details							
Defoliation method						Grazed in situ	
Dominant animal type						Male cattle	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	50	0	0	12	0	20	0
October				Crop		Triticale (autumn)	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	100	0	0	0	0	0	0
Irrigation rate				mm		50	
November				Crop		Triticale (autumn)	
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
Urea	75	0	0	0	0	0	0
Irrigation rate				mm		50	
December				Crop		Triticale (autumn)	
Irrigation rate				mm		50	

Block Information

Parameter name	Units	Value
Block name		Year 3 rotation
Effective area	ha	70
Region		High Country (> 300 m)

Block Information

Parameter name	Units	Value
Cultivated area	% of area	100
Distance from coast	km	90
Rainfall	mm	700
Seasonal variation in rainfall		Low
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Moderate
Soil type		OHAU
Soil order (default)		Brown
Soil group (default)		Sedimentary
Soil texture group		Medium
Depth to stones		0.3 - 0.7 m
TBK reserve K test		Not known
Final grid month		December
Years in pasture		8

Irrigation nutrient concentrations for block

Irrigation Source							
Irrigation Units							
N	P	K	S	Ca	Mg	Na	
0.5	0.1	1.6	2.5	9.3	2.2	9.5	Block specific mg/l

Crop Information

Prior history		Grain crop					
Previous year							
January							
Management Option		Final harvest					
February	Crop	No crop uptake					
March							
Management Option		Crop sown					
Crop sowing details							
Crop category		Forages					
Crop type		Triticale (autumn)					
Yield at final defoliation	dry matter	13					
Cultivation practice at sowing		Direct drilled					
Olsen P		22					
QT K		10					
QT Ca		5					
QT Mg		15					
QT Na		8					
Soluble fertiliser (kg/ha/month)							
N Type	N	P	K	S	Ca	Mg	Na
None	0	50	80	13	0	0	0
Irrigation rate				mm		25	
April				Crop		Triticale (autumn)	
May				Crop		Triticale (autumn)	
June				Crop		Triticale (autumn)	
July				Crop		Triticale (autumn)	
August				Crop		Triticale (autumn)	
September							

Block Information

Parameter name					Units	Value		
Management Option						Defoliation		
Defoliation details								
Defoliation method						Grazed in situ		
Dominant animal type						Male cattle		
Soluble fertiliser (kg/ha/month)								
N Type	N	P	K	S	Ca	Mg	Na	
Urea	50	0	0	12	0	20	0	
October					Crop	Triticale (autumn)		
Soluble fertiliser (kg/ha/month)								
N Type	N	P	K	S	Ca	Mg	Na	
Urea	100	0	0	0	0	0	0	
Irrigation rate					mm	50		
November					Crop	Triticale (autumn)		
Soluble fertiliser (kg/ha/month)								
N Type	N	P	K	S	Ca	Mg	Na	
Urea	75	0	0	0	0	0	0	
Irrigation rate					mm	50		
December					Crop	Triticale (autumn)		
Irrigation rate					mm	50		
Current assessment year								
January								
Management Option						Final harvest		
February					Crop	No crop uptake		
March								
Management Option						Crop sown		
Crop sowing details								
Crop category						Grain crops		
Crop type						Wheat (autumn)		
Product yield					grain	12		
Cultivation practice at sowing						Direct drilled		
Residual disposal method						Removed		
Olsen P						22		
QT K						10		
QT Ca						5		
QT Mg						15		
QT Na						8		
Soluble fertiliser (kg/ha/month)								
N Type	N	P	K	S	Ca	Mg	Na	
DAP	25	42	100	13	0	0	0	
Irrigation rate					mm	25		
April					Crop	Wheat (autumn)		
May					Crop	Wheat (autumn)		
June					Crop	Wheat (autumn)		
July					Crop	Wheat (autumn)		
August					Crop	Wheat (autumn)		
September					Crop	Wheat (autumn)		
Soluble fertiliser (kg/ha/month)								
N Type	N	P	K	S	Ca	Mg	Na	
Urea	75	0	0	12	0	20	0	

Block Information

Parameter name					Units	Value			
Irrigation rate					mm	25			
October					Crop	Wheat (autumn)			
Soluble fertiliser (kg/ha/month)									
N Type	N	P	K	S	Ca	Mg	Na		
Urea	50	0	0	0	0	0	0	0	
Irrigation rate					mm	50			
November						Final harvest			
Management Option						Final harvest			
Soluble fertiliser (kg/ha/month)									
N Type	N	P	K	S	Ca	Mg	Na		
Urea	50	0	0	0	0	0	0	0	
Irrigation rate					mm	50			
December						Crop sown			
Management Option						Crop sown			
Crop sowing details									
Crop category						Forages			
Crop type						Annual ryegrass			
Cultivation practice at sowing						Direct drilled			
Olsen P						22			
QT K						7			
QT Ca						5			
QT Mg						9			
QT Na						8			
Irrigation rate					mm	50			