ENVIRONMENTAL FARM PLAN for IRRIGATED LAND USE

Sample record sheets

Irrigation management

Staff members name:	Date	Trained by	Signed by		
		Print name	Trainer	Manage	
Maximising water application effect					
Centre pivot application system effects					
K line/sprinkler system effects					
Pasture/crop growth effect identification					
Soil moisture content identification					
Irrigation system maintenance					
Centre Pivot operating system					
K line/Sprinkler Operating system					
Water supply system monitoring					
Monitor supply/output volumes					
Irrigators Setup & Movement					
Checking soil conditions					
Centre Pivot speed and volumes					
K line rotation separation distance					
K Line run over / under lap avoidance					
Changing travel speeds for runs					
Monitoring conditions					
Monitoring					
Recording rainfall					
Recording system shut downs					
Measuring application rates					
Other					
General comments	,		•	•	

Irrigation N	/lanagement	t		that are due to system failures and reasons Comments
Irrigation Sys	tem Shut Dowr	1		
Note: Record a	and identify part	ial or whole syst	em shut downs	that are due to system failures and reasons
Shutdown date	Whole or part system	Start up date	l otal time shut down	Comments
uuto	part System		Shat down	

Irrigation management Incident record (i.e. excessive runoff, breakages etc) Date Incident Cause Actions taken									
Date	Incident	Cause	Actions taken						

Irrigation management Machinery and equipment maintenance record Task Person Do								
	responsible	Date completed						
		•						

Irrigation type Paddock Application rate (mm/hr) Actions required Comment Comment Actions required Comment Action Com	pation management lication rate testing te Irrigation Paddock Application Actions required Comments									
	type	Paudock	rate (mm/hr)	Actions required	Comments					

Irrigatio	n managen ecord (mm)	nent										
Rainfall r	ecord (mm)											
Day	Jan	Fe	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
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Total												

Soils management

Soils management Soil erosion incident record									
Soil erosion	incident record								
Date	Incident	Cause	Actions taken						

	nagement s assessment	resuits		<u></u>
e	Paddock	Ranking score	Actions required	Comments
	1			
	1			

ils management il compaction record							
Date	Paddock	Compaction assessment Actions re (Comment on observations)					
		(comment on observations)					

Nutrient management

Nutrient	managemei	nt				
Suppleme	nts added					
Date	Туре	Amount (tonnes)	Destination shed, pad, pdk	Fed to?	Block fed on (LMU)	Comments

Nutrient mana	Nutrient management Supplements removed									
Supplements rei	moved									
Date	Туре	Amount (tonnes)	Destination (off-farm or LMU)	Comments						

utrient management itrogen application record ate Paddock/s Fert type Rate Soil temp Ground Pasture Appl ^a . Operato										
ate	Paddock/s	Fert type	Rate (kgN/ha)	Soil temp	Ground conditions	Pasture cover	Appl ⁿ . Method	Operator		
			(-3)							
							1			

Nutri	ent managem	ent record Fertiliser type										
Fertili	ser application i	record		/	Major nutrients (kg/ha) N P K S Mg Ca							
Date	Destination (LMUs)	Fertiliser type	Application rate (kg/ha)	N	Р	K	S	Mg	Ca	Operator	Method	Comments

Collected animal effluent management

Staff members name:	Date	Trained by	Sign	ed by
		Print name	Trainer	Manage
Effluent application effects				
Regulatory requirements				
Environmental risk factors				
Environmental impacts				
Effluent system design				
Reducing volume of effluent produced				
Stone trap and holding pond				
Effluent pump, motor & controls				
• Pipelines				
Effluent irrigator				
Irrigators setup & movement				
Checking pond conditions				
Checking soil conditions				
Irrigator speed and volumes				
Separation distances				
Irrigator run over / under lap avoidance				
Monitoring				
Monitoring conditions				
Measuring application rates				
Recording effluent incidents				
Emergency responses				
Key contacts				
Procedures to be followed				
Other				
•				
General comments				

Collected animal effluent management Effluent management incident record Date Incident Cause Actions taken Incident reported										
Date	Incident	Cause	Actions taken	Incident reported (Yes/No & date)						

Collected animal effluent management										
application di	iary	Month								
Paddock	Run number	Operating problems noted	Actions taken	Signature						
	application di	application diary Paddock Run	application diary Paddock Run Operating problems	application diary Month Paddock Run Operating problems Actions taken						

Waterway & riparian management

Incident Cause Actions take	Incident Cause Actions taker.	terway & riparian mana erian incident record Incident		
		Incident	Cause	Actions taken

Agrichemical management

Agrichemical management Chemical register Date Units Chemical Chemicals in Chemicals out Chemicals Amount used Location used Signature										
Date Date	Units kg/ltrs	Chemical	Chemicals in	Chemicals out	Chemicals returned	Amount used	Location used	Signature		
	Ky/Iti S				returned					

Multi-purpose

Environmental Farm Plan Monthly Records. (For recording sheet or whiteboard) Month & Year:

Date	AM Paddock	PM Paddock	Urea appln. pdk # / kg	Super fertiliser pdk # / kg	Effluent irrigator pdk # / run #		Irrigator	daily-weekly maintenance t / Pivot /	check &	Pivot on/off	K line on/off	Rainfall (mm)	Soil Temp.	Notes
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