



beef+lamb  
new zealand

GISBORNE

# FARM ENVIRONMENT PLAN WORKBOOK

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By farmers. For farmers



# BUSINESS DETAILS

Farm name	
Address	
Legal description and farm identifier	This information is available through the GDC online GIS mapping
Owner/s	
Phone	
Mobile	
Email	
Manager	
Phone	
Mobile	
Email	
Who is primarily responsible for the implementation of this Farm Environment Plan?	
Contact details (if different to above)	
Phone	
Mobile	
Email	
Resource consents held in relation to this business (list consent numbers)	



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## FARM PLAN DETAILS

Describe the farm enterprise and the size of the operation (hectares)

Outline the goals and objectives for the business

Describe the existing farm management policy including:

Stock types and classes

Numbers wintered

Feed supplement inputs

Fertiliser inputs

Winter management

Annual and permanent crops grown

# RESOURCE CHART

LMU	Description	Strengths	Weaknesses and risks	Uses and management

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# ENVIRONMENTAL OBJECTIVES AND SUMMARY OF CURRENT PRACTICES

## Objective one—nutrient management

To maximise nutrient use efficiency while minimising nutrient losses to water in order to meet specified nutrient allowances.

What practices help you achieve objective one?

How can you demonstrate this?

## Objective two—soil management

To maintain or improve the physical and biological condition of soils in order to minimise the movement of sediment, phosphorus and other contaminants to waterways.

What practices help you achieve objective two?

How can you demonstrate this?

**Objective three—wetlands and riparian management**

To manage wetlands and water margins to avoid damage to the bed and margins of a water body, avoid direct input of nutrients, and to maximise riparian margin nutrient filtering.

What practices help you achieve objective three?

How can you demonstrate this?

**Objective four—livestock management**

To manage wetlands and water bodies so that stock are excluded from water to avoid damage to the bed and margins of a water body, and to avoid the direct input of nutrients, sediment, and microbial pathogens.

What practices help you achieve objective four?

How can you demonstrate this?



## ENVIRONMENTAL OBJECTIVES AND SUMMARY OF CURRENT PRACTICES

### Objective five—Irrigation management

To operate irrigation systems (if applicable) that are capable of applying water efficiently and management that ensures actual use of water is monitored and is efficient.

What practices help you achieve objective five?

How can you demonstrate this?

### Objective six—Offal pits

To manage the number and location of offal pits to minimise risks to human health and water quality.

What practices help you achieve objective six?

How can you demonstrate this?

**Objective seven—Cropping management**

To manage the preparation, harvest and grazing of the crop, to avoid the movement of sediments and other contaminants to waterways and to avoid or mitigate soil compaction.

What practices help you achieve objective seven?

How can you demonstrate this?

**Objective eight—**

What practices help you achieve objective eight?

How can you demonstrate this?

## ENVIRONMENTAL OBJECTIVES AND SUMMARY OF CURRENT PRACTICES

### Objective nine—

What practices help you achieve objective nine?

How can you demonstrate this?

### Objective ten—

What practices help you achieve objective ten?

How can you demonstrate this?

## SUMMARY OF ADDITIONAL ACTIONS /TARGETS IDENTIFIED

Area	Issue/risk	Significance (L, M, H)	Response	Timeframe	Responsibility
<b>Objective 1</b> Nutrient management					
<b>Objective 2</b> Soil management					
<b>Objective 3</b> Wetlands and riparian management					
<b>Objective 4</b> Livestock management					

## SUMMARY OF ADDITIONAL ACTIONS /TARGETS IDENTIFIED

Area	Issue/risk	Significance (L, M, H)	Response	Timeframe	Responsibility
<b>Objective 5</b> Irrigation management					
<b>Objective 6</b> Offal pits					
<b>Objective 7</b> Cropping management					
Other					

# STEPS

## ONE PREPARE FARM MAP

## TWO DEFINE AND DESCRIBE LMUS

## THREE IDENTIFY STRENGTHS AND WEAKNESSES FOR EACH LMU

## FOUR REVIEW NUTRIENT BUDGET INFORMATION

## FIVE LIST ENVIRONMENTAL OBJECTIVES AND OUTLINE CURRENT PRACTICES

## SIX IDENTIFY NEW ACTIONS BASED ON IDENTIFIED RISKS

## SEVEN IMPLEMENT, MONITOR AND REVIEW

# CHECKLIST

Have you completed...?

Create a farm map that shows sites of interest for farm environment planning.

Identified areas of land that can be farmed or managed in a similar way because of underlying physical similarities.

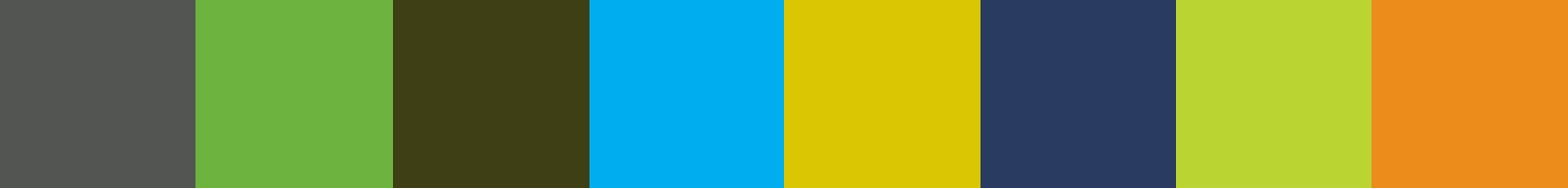
Completed the resource chart, evaluating the strengths and weaknesses of each LMU.

Reviewed and updated your current nutrient budget using LMUs.

Identified environmental objectives and listed good management practices to achieve each one.

Recorded other things you do that demonstrate good environment management practices.

Completed your Farm Environment Plan and signed the implementation agreement on page 14.



Congratulations on designing a Farm Environment Plan specifically for your farm.

For full integration with farm business planning you may wish to refer to this FEP when making decisions about farm development and financial planning.

Once your plan is complete, the following should be signed, as appropriate:

## RESPONSIBILITY FOR IMPLEMENTING THIS FARM PLAN

As the person responsible for implementing this plan, I confirm that the information provided is correct:

Name (plan implementer) .....

Position (e.g. owner/manager) .....

Signature and date .....

### Owner and lessee commitment

As owner/s of this farming business I/we are committed to ensuring that all activities on our property are undertaken in an environmentally sustainable and culturally sensitive manner. We agree to monitor our performance in meeting the management objectives and outcomes in this Plan, and take appropriate actions to address any areas where improvement is needed.

Name (owner/representative/delegated authority for a trust) .....

Signature and date .....

Name (lessee or lessee representative) .....

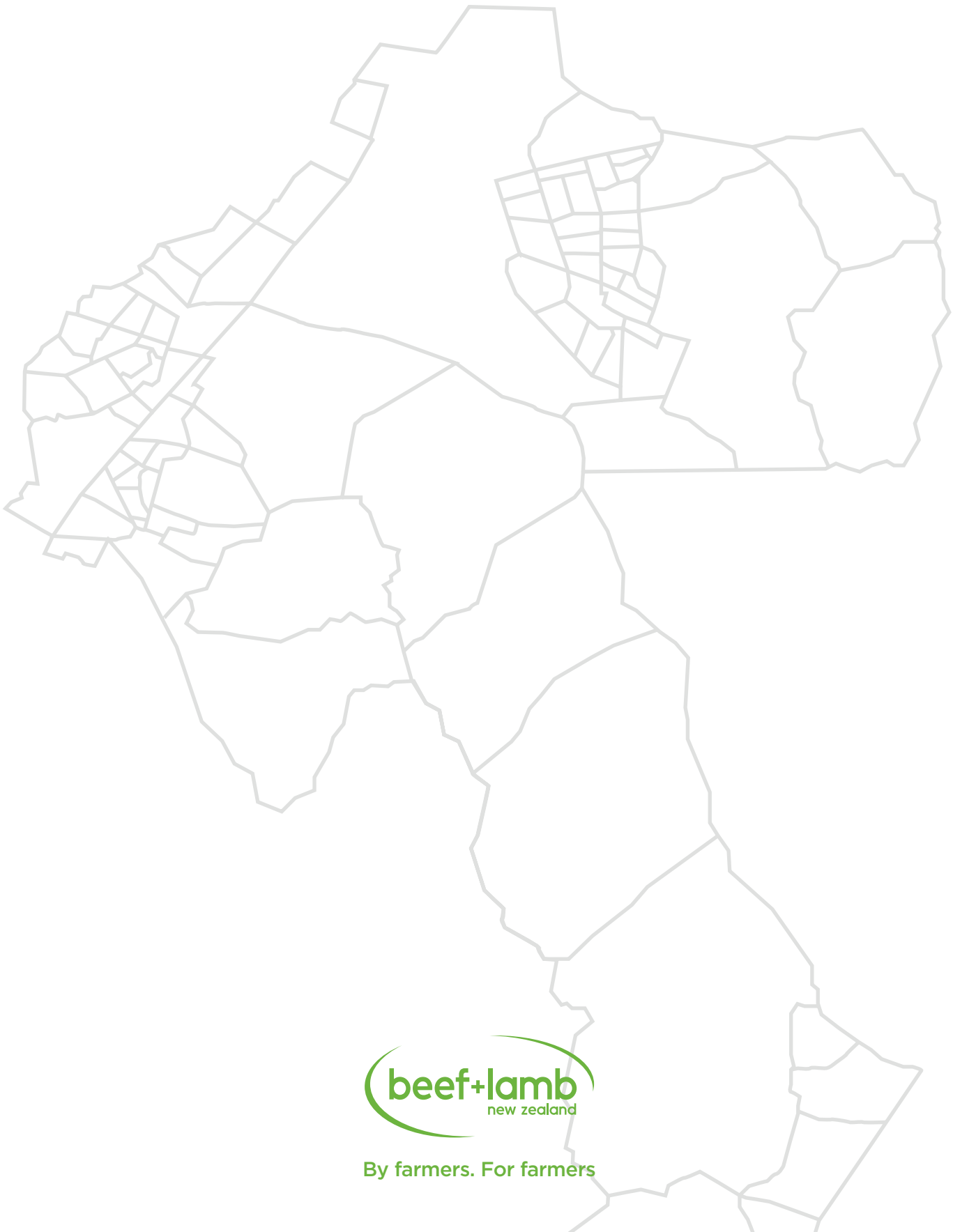
Signature and date .....

### Workshop facilitator

I acknowledge that this FEP has been completed to a reasonable standard, and ..... has gained an understanding of the FEP process.

Name (workshop facilitator) .....

Signature and date .....



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