The Beef + Lamb New Zealand Delivery Ready Workshops have been developed to enable the efficient delivery of extension activities, on specialist topics, to small groups in a workshop style environment.

Each workshop and its accompanying resources have been developed with input from industry experts and by utilising a number of levy funded Beef + Lamb New Zealand services and tools.

Farmers throughout New Zealand are able to request a workshop to be held in their region or register their interest, by contacting their local Beef + Lamb New Zealand Extension Manager. Each workshop has trained facilitators across the country who receive workshop toolkits which include all the resources required to run one of the workshops, almost anytime and anywhere.

The delivery ready workshop series is also available to industry partners who are able to deliver the workshops as part of their own commercial activities. Recognition of Beef + Lamb New Zealand’s farmer levy investment in their development is required.

To request a workshop to be held in your area, or for more information, contact your local Beef + Lamb New Zealand Extension Manager on 0800 233 352 or email enquiries@beeflambnz.com.
LAND AND ENVIRONMENT PLAN (LEP) DELIVERY READY WORKSHOP

LEP Level 1 and Level 2 Delivery Ready Workshops are made available for farmers to voluntarily front foot on-farm environmental management in a staged approach. The more detailed LEP Level 3 is designed to be completed by a farmer with one-on-one specialist support.

These workshops guide farmers through the development of a land and environment plan specific to their individual properties. This includes a written plan that involves a stocktake of a farm’s land, soil and water resources; an assessment of production opportunities and environmental risks; and a response plan outlining specific mitigation actions to be undertaken within delineated timeframes.

The LEP three-level approach means farmers can develop a plan to suit their individual farm’s requirements, while taking into account improved performance and the needs of processors, their wider community and other farmers.

The attendees’ toolkit contains:
- Land and Environment Planning flyer
- Land and Environment Plan Guideline book (Level 1, 2 or 3—depending on which workshop you are attending)
- Menu—Practices to improve water quality
- Poplars and Willows Trust booklet
- Stock Exclusion Guidelines
- USB flashdrive loaded with relevant resources (Level 1, 2 or 3) as well as informative environment videos and an OVERSEER® input template designed to help collate base information needed to complete an OVERSEER® nutrient budget.
Both FEP and FEMP Delivery Ready Workshops have been developed to help farmers meet specific regulatory needs of local regional councils.

These workshops guide farmers through the development of a farm environment plan specific to their area and individual property. This includes a written plan that involves a stocktake of a farm’s land, soil and water resources; an assessment of any environmental risks; and a response plan outlining specific mitigation actions to be undertaken within delineated timeframes.

Implementation of the completed Farm Environment Plan will help farmers meet regional council requirements.

The attendees' toolkit contains:

- Farm Environment Plan Guidelines (relevant to the region)
- Farm Environment Plan Workbook (relevant to the region)
- Menu—Practices to improve water quality
- Poplars and Willows Trust booklet
- Stock Exclusion Guidelines
- USB flashdrive loaded with relevant resources as well as informative environment videos and an OVERSEER® input template designed to help collate base information needed to complete an OVERSEER® nutrient budget.
WORKSHOP 1
Training for Irrigation Operators and Managers—improve your irrigation skills and knowledge

Irrigation NZ has developed a one day training course and resources aimed at Irrigation Managers and Operators of irrigation systems, to be able to improve their knowledge and application of irrigation on their properties. This one day course provides a mix of classroom learning and in the paddock practical application.

Topics include:
- Irrigation regulation: What you need to know and how it affects your business. How do the RMA, Consents and Plan Rules fit together?
- Irrigation scheduling: Builds on your knowledge of soils, water and climate. How should we schedule irrigation applications? Including explanation and demonstration of the tools available to help.
- Operation and maintenance: The safety and efficiency of your irrigator and your staff depends on regular maintenance and correct procedures being followed. How you go about developing procedures specific to your farm is explained. After an ‘irrigator walk’ we begin building an operations and maintenance manual specific to your property.
- Irrigator performance assessment: Data collected during the ‘irrigator walk’ is analysed using tools developed to check the performance of irrigators. This is a practical application that you can directly use on your farm.

Irrigation manager training enables correct management, operation and use of the key input into your business.

WORKSHOP 2
Training for irrigation development—get it right first time

Irrigation NZ has developed a one day training course and resources aimed at farmers beginning irrigation development. It will improve their knowledge and enable them to identify the system type, system operation and system development for irrigation on their properties. Being an informed purchaser of equipment and services will ensure they get what is needed for their property.

The day is a mix of classroom learning and in the paddock practical application.

Topics include:
- Irrigation regulation: What you need to know and how it affects your business. How do the RMA, Consents and Plan Rules fit together?
- Specifying an irrigation system: What information do you need to know and how do you obtain it. Providing your designer with your design brief.
- Contracts and commissioning: Why are contracts important? An overview of the INZ standard installation contract. What should commissioning involve?
- Operation and maintenance: The safety and efficiency of your irrigator and your staff depends on regular maintenance and correct procedures being followed. How you go about developing procedures specific to your farm is explained.

Irrigation manager training enables correct management, operation and use of the key input into your business.

These workshops are provided through a partnership between B+LNZ and Irrigation New Zealand.
Overview of the resources provided by Irrigation New Zealand

New Zealand Irrigation Overview
This book is the first of a series providing a comprehensive training resource for irrigation industry participants in New Zealand. It introduces location, use and significance of irrigation to New Zealand, the types of irrigation systems in use and the common components of them.

Irrigation Glossary
This is a comprehensive catalogue of the common terminology, acronyms, conversions, and other useful information used in the irrigation industry.

Irrigation Legislation, Regulation and Sustainability
This covers the key legislation and regulations that impact upon irrigators in New Zealand and also gives an overview of main sustainability issues and opportunities facing the industry.

Irrigation Essentials
This covers the background resource information needed to successfully design, install and manage irrigation. It includes soil water properties, climate and weather, and the crop being grown.

Irrigation Management
This covers all the management aspects necessary to manage irrigation system once designed and built.

Irrigation Development
This covers the information required and the process to follow to develop an irrigation system.

Irrigation on Hills
This book looks at the specific issues and challenges facing irrigation on hills and suggests management techniques and tools to improve design and management of irrigation systems.

Precision Irrigation
Get the information you need to make the right decision when considering adopting precision irrigation technologies.

Hydraulics and Pumping
This book provides an overview of hydraulic and pumping considerations for irrigation – the basics all irrigators need to be aware of.

Soil Moisture Monitoring
A comprehensive resource for soil moisture monitoring in New Zealand.
BODY CONDITION SCORING
DELIVERY READY WORKSHOPS

BEEF COW BCS WORKSHOP

Body condition scoring in beef cattle is the single most important tool to assess beef cow performance and it can be done in the paddock.

This workshop provides the platform to bring together and discuss all the critical elements of condition scoring in beef animals and management applications throughout the farming year. Using this tool, farmers will be in a better position to use pasture strategically to lift beef cattle performance.

The attendees’ toolkit contains:
• Beef cow body condition scoring resource book
• Condition scoring for beef cows fact sheet
• USB flashdrive loaded with the above resources and a podcast.

EWE BCS WORKSHOP

This workshop demonstrates a quick, easy and low-cost management tool that compares sheep purely on condition. It is independent of live weight, frame size, breed, stage of gestation or gut fill. It allows farmers to identify tail-end ewes and allocate extra feed accordingly, thereby lifting overall flock performance and financial returns. This practical workshop gives farmers the tools to confidently score stock themselves.

The attendees’ toolkit contains:
• Ewe body condition scoring resource book
• Ewe body condition scoring worksheet
• USB flashdrive loaded with the above resources as well as a set of helpful ewe body condition videos.
BETTER BEEF BREEDING WORKSHOP

Designed by Beef + Lamb Genetics, this workshop educates commercial beef producers and industry personnel about how to make the best use of genetic information when purchasing cattle for breeding purposes. The workshop uses a mixture of yard demonstrations and PowerPoint presentations to demonstrate the value of improved genetics within a beef operation. At the end of the workshop participants should feel confident about the use of genetic information for making informed decisions.

The attendees’ toolkit contains:
- Better beef breeding—bull buying for the commercial beef breeder resource book
- Bull buying brochure—5 steps to finding the best bull for your operation.

BETTER SHEEP BREEDING WORKSHOP

Designed by Beef + Lamb Genetics, this workshop has been developed to address the basic principle of assessing the genetic merit of the rams that farmers buy, to improve their ewe flock and lamb performance.

It is designed to give a practical learning experience, facilitating a comprehensive understanding of how genetics works, what figures are relevant, and how farmers can use these numbers to buy rams that will lift their flock performance.

The attendees’ toolkit contains:
- Better sheep breeding—ram buying decisions resource book
- Sheep Improvement Ltd (SIL) information card
- Ram buyers guide to ram selection card.
The growing great lambs workshop is a targeted approach to efficient lamb production and feed use, which ultimately translates into profit. Farmers will have the opportunity to ask questions specific to their farm and hear from others. Following the workshop farmers will be in a much better position to manage their lamb production.

The attendees’ toolkit contains:
- 400 plus—A guide to improved lamb growth for farmers and advisors
- Lactation, lamb growth, and the lamb weaning decision fact sheet
- Growing great lambs resource book
- USB flashdrive loaded with the above resources and a podcast.
FeedSmart—taking the guesswork out of feed planning. This workshop also teaches participants how to assess the quality of feed and estimate its metabolisable energy.

Following the workshop, farmers will be better able to improve their pasture management and subsequent stock performance.

The attendees’ toolkit contains:
- FeedSmart 2 resource book
- Pasture quality—Q-graze manual
- A guide to feed planning for sheep farmers
- Pasture calibration summer/winter
- Pasture calibration spring/late spring
- Sward stick and fact sheet
- FeedSmart App User Guide
- FeedSmart Stylus Pen
- USB flashdrive loaded with the above resources, Q-Graze software, Simple Feed Budget software and podcasts.
This workshop is led by a trained Exigent facilitator with an in-depth knowledge of the rural sector and health and safety legislation. A WorkSafe NZ representative is also there, so farmers can ask questions directly.

You will be given a Farm Safety Management System folder featuring safe work procedures, templates for registers and checklists—and other useful documents—that you can customise for your farm. Using this Farm Safety Management System, 90% of your paperwork is already done, it’s easy to follow and simple to implement.

You’ll also learn about important topics like creating a safety culture on your farm, involving everyone on your farm to improve safety and to know what obligations contractors have.

A Farm Safety Management System gives you a process for identifying and managing hazards and risks.

It helps you ensure that everyone on your farm:
- Is aware of safety
- Understands their role
- Has the skills and knowledge they need to carry out their job safely.

It also gives you procedures for things like:
- Making sure your workers’ wellbeing and environment is monitored
- Ensuring your equipment is regularly serviced.

The attendees’ folder contains:
- Farm Safety Management Plan
- Safe Work Procedures
- Risk Register
- Accident and Incident Register
- Maintenance Register
- Training Register
- Tools and forms including a Hazardous Substances Inventory, Induction forms and WorkSafe death, injury, illness and incident forms and an accident investigation form.
In this workshop the latest information and research on internal parasite control is presented. It is divided into four sections dealing with worm biology, drenches and drench resistance.

The integrated pest management system outlining the play-off between parasite control and drench resistance will enable participants to make informed choices for their farming business system.

The attendees’ toolkit contains:
- Wormwise resource book
- USB flashdrive loaded with the above resource and a podcast.
The workshop will up-skill farmers, giving them the required skills and information to teach Huntaway and Heading dogs the commands required for superb stock handling.

The information contained in the workshop is the view of Kenny Whittaker and Allen Nisbet only. Beef + Lamb New Zealand would like to be clear, this information is based on their opinions and are suggestions only, not rules, and may not be effective for every dog.

Objectives:
1. To set a pattern for the rest of the dog's life.
2. Human controls the dog and dog controls the sheep—the human does not control sheep.

The workshop and accompanying guide cover:
- Getting started—manners, standing, sitting, balance
- Introducing sheep
- Introducing sides
- The authors' 15 Top Tips to remember.