

Centre Pivot/Lateral Move 2 Day Training Course

Workshop Overview

Centre pivots and lateral moves (CPLM) have the potential to offer greater control and flexibility of irrigation management. Growers are seeing the many possible advantages for their businesses including potential yield improvements, reduced labour, more control of soil moisture as well as possible fertigation potential.

AGRICULTURE VICTORIA IS OFFERING A TRAINING SUBSIDY TO VICTORIAN IRRIGATORS

LEARNING OUTCOME

On the completion of this workshop, participants will be able to:

IDENTIFY THE KEY COMPONENTS OF CENTRE PIVOT AND LATERAL MOVE (CPLM) SYSTEMS

- Background of CPLM irrigation systems
- Components and the key inputs for an effective CPLM system

IDENTIFY THE FINANCIAL ISSUES ASSOCIATED WITH THE PURCHASE AND OPERATION OF A CPLM

- Decision making
- Financial analysis to compare irrigation systems
- Assessing current and future return on investment

LIST THE FACTORS NECESSARY FOR PLANNING TO INSTALL A CENTRE PIVOT OR LATERAL MOVE SYSTEM

- Deciding on location - slope/soil/draining
- Water supply issues - quantity and quality
- Calculating the irrigable area
- OVERSched software

DESIGN CONSIDERATIONS

- Compare sprinkler and wheel options to improve operation of a CPLM system
- Design choices
- Structures of machines
- Wheel rutting and bogging
- Energy costs and pipe sizes

IDENTIFY KEY MEASURES AND INDICATORS OF CPLM SYSTEM PERFORMANCE

- Benefits of evaluating performance
- Measures of performance
- Common issues affecting performance
- Measures, tools and methods for evaluation
- Water use Indices

IDENTIFY SPRINKLER PACKAGE ISSUES

- Development of sprinkler packages
- End guns
- Sprinkler components
- Pressure regulators
- LEPA systems
- Droplet size and evaporation

OPERATIONAL AND MAINTENANCE ISSUES

- Irrigation scheduling
- Germination
- Spray management, Fertigation
- General maintenance
- Floods and strong winds



IAL Qualified Trainer: Peter Smith

Peter Smith has extensive experience in irrigation systems and management and has a particular interest in centre pivot and lateral move systems. He has developed and delivered training material for many irrigation courses within Australia and overseas. He has been involved with many irrigated commodities especially rice, cotton, dairy and lucerne hay. He has a strong commitment to building skills and abilities in individuals across the irrigation sector.

LOCATION: 255 Ferguson Road, Tatura VIC 3616

DATE & TIME: Tuesday 2nd & Wednesday 3rd July 2019 - 10:00am-3:00pm

LOCATION: 26 Wellington Street, Kerang VIC 3579

DATE & TIME: Thursday 4th & Friday 5th July 2019 - 10:00am-3:00pm

COST: Subsidised Rate - \$150 excl GST

Non-Subsidised Rate - \$820 excl GST

Note: course fees include: training, catering on both days & course material

To find out if you are eligible for the subsidised rate, please contact:

Tatura VIC Course: Rebecca Pike at rebecca.pike@ecodev.vic.gov.au or ph 03 5482 0426

Kerang VIC Course: Ruby Barnes at ruby.barnes@ecodev.vic.gov.au or ph 03 5450 9548