

Certified Irrigation Manager Checklist

This checklist can be used by an **applicant** as a pre-test, to see if this certification is appropriate for their situation. You would need to be able to tick the majority of boxes in each section to be able to be formally assessed for Certified Irrigation Manager.

These questions may also be used by an **assessor** to provide evidence of competence.

An irrigation manager will have responsibility for how water is applied to a crop or plant, how much and when. Occupations may include farmers, parks and garden superintendents or turf managers. They will implement best practice in regards to water use and irrigation can recognise and minimise the environmental aspects of irrigation.

Scheduling

- Do you carry out any scheduling tasks on your system or property?
- Do you measure the amount of water your plants use and need?
- Do you decide how much water to apply and when?
- Do you keep weather and climate records for your property?
- Do you use this data when scheduling irrigations?
- Do you adjust your schedules according to weather events?
- Do you order your water?
- Do you monitor water quality?
- Do you monitor soil water in the root zone?
- Do you allow a water deficit in the rootzone?

Soils

- Do you have and use a map of your property showing contours, boundaries, paddocks, irrigation layouts and soil types?
- Do you know what soils you have on your farm?
- Do you know the characteristics of these soils?

Irrigation system

- Does your system operate well?
- Do you record system performance data and water usage data?

- Is your irrigation system designed to match soil type, water holding capacity and pasture requirements?
- Do you service your irrigation equipment regularly as per manufacturers' recommendations, including checks for efficiency of pumps and irrigators?

Environment

- Have you considered the potential risks to the environment as a result of irrigating?
- Do you know what the relevant codes and regulations are?
- Do you plan your irrigations to minimise the risks?
- Do you communicate risks to others on the farm?
- Do you monitor and manage your system to avoid deep drainage or runoff?