



## SECTION 2 – FARM OBSERVATIONS: IRRIGATION AND DRAINAGE

A supporting statement of verification by a Smartcane facilitator or appropriately qualified officer e.g. productivity services stating the relevant observation/s selected below was sighted on farm.

### **2.1.2 Calculating how often to apply water**

- Weather and climate forecasting is used when making irrigation decisions

Comments:

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### **2.1.3 Seasonal allocation**

- Rainfall data and climate forecasts are used to determine the best time to use irrigation water

Comments:

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- Crop requirements are known and annual effective rainfall understood so that a whole season irrigation allocation is determined

Comments:

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### **2.2.2 Recycle pits**

- Recycle pits have been designed to capture irrigation run-off and some rainfall run-off. Details such as: pit volume details, recycling pit volume, soil type, capacity, catchment area, bypass details (if applicable)

Comments:

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- Pump capacity is sufficient to re-use water quickly

Comments:

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### **2.3.2 Using effluent water for irrigation**

- Recycled water is appropriately signed

Comments:

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- Measures have been taken to control access to water source

Comments:

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- Irrigation is managed to ensure run-off does not occur

Comments:

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#### **2.4.1 System Management - Furrow**

- Row length and profile matched to soil type.

Comments:

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#### **2.4.2 System Management – Overhead high pressure**

- Irrigators are only operated in acceptable wind conditions where practical
- Nozzles are checked and are operating correctly

Comments:

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#### **2.4.3 System Management – Overhead low pressure**

- Sprinklers are checked and are operating correctly

Comments:

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#### **2.5.2 Sub-surface drainage system design**

- Are acid sulphate soils considered?

Comments:

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#### **2.6.1 Erosion**

- Grass is maintained on headlands and drains
- Cover is maintained on fallow ground

Comments:

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***Additional farm observations***

Comments:


***Authorisation of farm observation***

I .....  
confirm that the selected practices outlined above have been sighted by me on-farm and are compliant with the Smartcane industry or best management practices where applicable for the following farm entity:

.....  
***Organisation:*** .....

***Signature:*** .....

***Date:*** .....