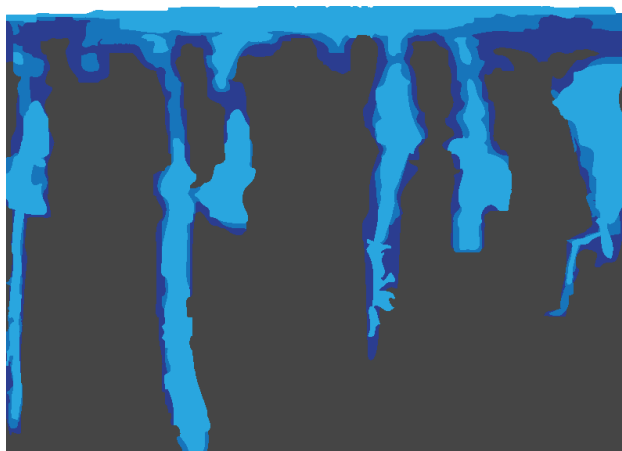




## Australia's most reliable soil surfactant

### Improve irrigation efficiency and reduce nutrient loss

***Where would your chemicals and fertilisers finish up?***  
IrriGate reduces ponding & channeling so more water is kept within the root zone



Treated



Untreated

#### Key Points about IrriGate

- Can improve irrigation efficiency by up to 30% and reduce leaching.
- Is very cost effective.
- Improves penetration and infiltration of water into difficult to wet or capped soils.
- Is not phytotoxic to plant material and therefore will not harm plants even if applied directly onto leaf surfaces.
- Is a non-ionic formulation and therefore will not cause corrosion to equipment and fittings.
- Can be applied in conjunction with Gypsum and other crop management products.

#### The Product

IrriGate is not a PAM. It is a non-ionic, liquid blend of co-polymers which mixes easily with all types of irrigation water. As IrriGate is derived from a new field of surfactant technology, it allows growers to use a highly effective soil surfactant at an affordable price. It is available in 20L, 200L and 1000L litre plastic drums.

#### What does IrriGate do?

IrriGate is a specialised soil surfactant. It enables growers to improve the infiltration and penetration of water in certain hydrophobic soils and improve the lateral movement of water to more effectively cover the plants root zone. IrriGate also reduces water loss due to run-off and evaporation, improving the efficiency of irrigation by up to 30%.

#### Mode of Action

The polymers in IrriGate enable the water molecule to adhere to hydrophobic soil particles and therefore enhance their capacity to absorb water. This action then creates a more uniform wetting of the root zone and allows moisture to move more freely throughout the soil profile.

## Directions for Use

### General Instructions

Irrigate Soil Surfactant may be applied through any type of irrigation system. It will not burn foliage. Ideal for use in centre pivot/lateral operations, vineyards, tree crops, vegetables, row crops, potatoes, tomatoes and as a general purpose soil surfactant in turf and sports fields.

Situation	Rate	Critical Comments
Injection through irrigation systems	2.5 - 10 L/Ha	Apply through any type of irrigation system.
Conventional sprayers	2.5 - 10 L/Ha	Irrigation or rainfall should follow application.
Transplant purposes	1L per 1,000L of transplant water	Apply with first watering after transplanting.
Turf and amenities	5 - 10L/Ha	Apply with a boom spray or through irrigation water. Initial application of 10L/Ha with following applications of 5L/Ha every 4 - 6 weeks.
Garden beds and pot plants	30mL per 10L watering can	Apply when planting and then treat every 8 - 10 weeks.

