









Improving the effectiveness of soil applied fumigants and fertilisers

Key Points about IrriGate

-  Substantially improves moisture distribution under plastic - reduces time to water up
-  Can improve irrigation efficiency by up to 30% and reduce nutrient leaching Saves on water pumping costs
-  May improve the performance of A Gas® products
-  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 other crop management products

The Product

IrriGate is **NOT** a polyacrylamide (PAM) so it has the major advantage of **NOT** flocculating soil particles like PAM's do

Directions for Use / General Instructions

IrriGate Soil Surfactant may be applied through any type of irrigation system. It will not burn foliage. Ideal for us in trickle, centre pivot and lateral operations, vineyards, tree crops, vegetables, row crops, potatoes and tomatoes. An excellent product for wetting up under plastic .

Situation	Rate	Critical Comments
Injection through irrigation systems Trickle tape Drippers Micro-irrigation	5L/ha 2.5L/ha	For initial wetting up of beds/hills, or as the first application to trees, crops and vines, at commencement of irrigation season. Apply 4 - 6 weeks after the first application as a maintenance program and then apply as needed.
Centre pivot, travelling irrigator, overhead sprinklers	10 L/ha 2.5L/ha	For once-off application at pre-row closure of crops such as potatoes, tomatoes, capsicums etc. Apply 4-6 weeks after 1st application as a maintenance program and then apply as needed.
Conventional sprayers (Boom spray application)	10L/ha	For once-off application at pre-row closure of crops such as potatoes, tomatoes, capsicums etc. Irrigation or rainfall should follow application.
Transplant purposes	1L/1000L of transplant water	Apply via water wheel at transplanting.

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IrriGate is a non-ionic, liquid blend of ethylene, propylene and glucose co-polymers which mix 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 & 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 a range of soils and improve the lateral movement of water to more effectively cover the plants root zone. IrriGate also reduces nutrient loss, reduces time to water up, saves on pumping costs and may improve the performance of A Gas products

Mode of Action

The co-polymers in IrriGate enable the watermolecule 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.

Always read the entire label prior to use.

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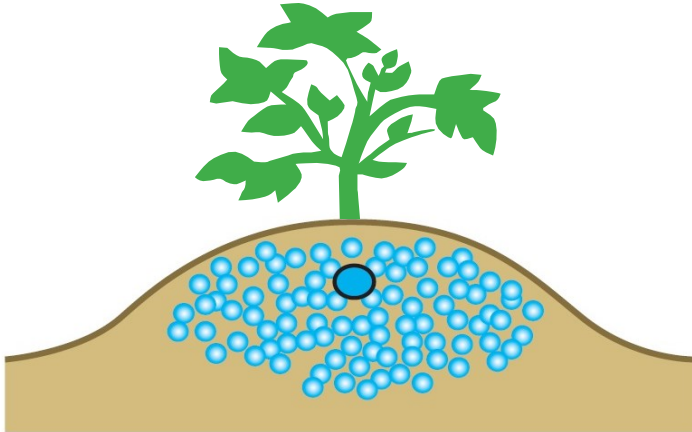
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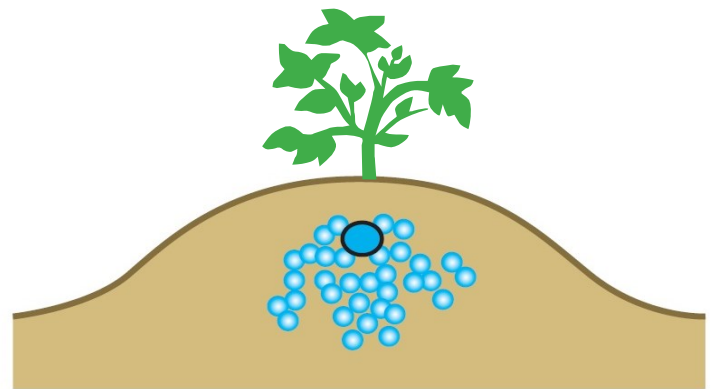
Key Benefits

IrriGate applied during the watering up phase will allow for uniform wetting of the soil under the plastic. Hills will then be more receptive to uniform distribution of fertilizers and fumigants.

Treated - Uniform wetting

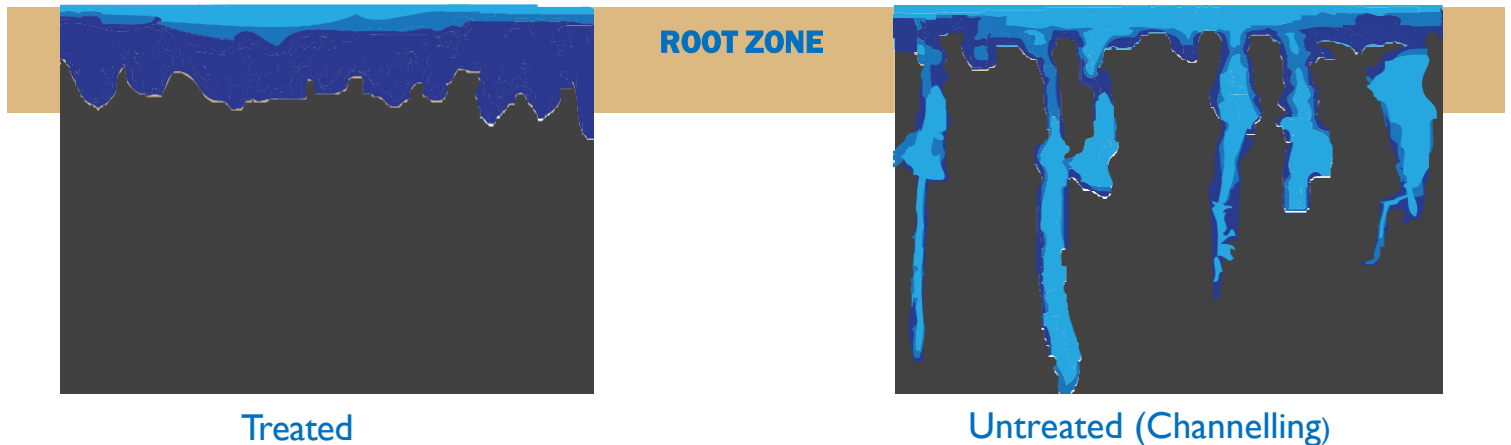


Untreated—Many dry zones



Where would your chemicals and fertilisers be?

IrriGate reduces ponding & channelling so that more water is kept within the root zone



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