

# QUICKIN™

## IRRIGATION SURFACTANT FOR AGRICULTURE



Quickin™ is a unique surfactant that speeds up the movement of irrigation water into hard-to-wet soils often encountered in broad-acre and specialty crop production. Using Quickin helps growers produce healthy crops by improving the uptake of available nutrients and conserving water and the fuel or electricity needed to power irrigation pumps.

### WHAT MAKES QUICKIN BETTER:

- Faster water movement
- Uniform soil wetting
- Plant safety
- Application flexibility
- Easy to use formulation

Learn more at [www.precisionlab.com/quickin](http://www.precisionlab.com/quickin)

### FEATURES AND BENEFITS:

- Faster water movement – decreased water loss, less water and energy used and reduced pump wear and tear
- Uniform soil wetting – maximum availability of nutrients and uniform movement of soil fumigants
- Plant safety – reduced risk
- Injected or sprayed – convenient to use
- Easy to use formulation – easy to pour, mix and store

### USE RATES

- Injection – 1 to 3 quarts per acre (2.5 – 7.5 liters/ha)
- Spray – 1 to 3 quarts per acre (2.5 – 7.5 liters/ha), followed by irrigation

### PACKAGING

- 2 x 2.5 gallons per case (Product No. 131-A25)

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## IRRIGATION SURFACTANT FOR AGRICULTURE

Maximizing crop yield is critical to your success, and doing it while growing crops in hard-to-wet soils is an added bonus. Quickin™ allows you to do both.

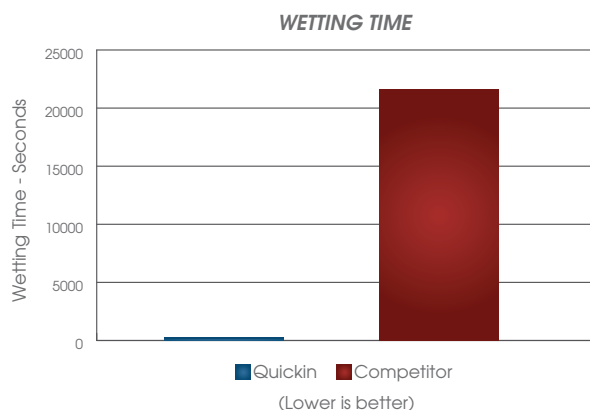
Quickin is a unique surfactant that significantly improves the movement of irrigation water into tough-to-wet soils. Using Quickin helps growers produce healthy crops by improving the uptake of available nutrients while conserving water and the fuel or electricity needed to power irrigation pumps.

### WATER MANAGEMENT

Water management in agriculture requires information about the water needs of the crop as well as the water-holding characteristics of the soil. Too much water can leach nutrients from the root zone while a soil moisture deficit can result in crop stress.

Most crops experience stress as soil moisture is lost to evapotranspiration (ET) and available water becomes limited. To avoid plant stress, growers increase irrigation times and frequency, but not all irrigation water reaches its target. Many soils rely on naturally occurring pathways such as cracks, crevices and root pathways to take in water. This condition, called Preferential Flow, can result in run-off, wasted water, uneven wetting of the root zone and crop stress.

as organic matter or crust, resulting in more uniform wetting, spreading and less crop stress. Also, soil fumigants and other products that rely on uniform soil moisture to perform will also benefit from an application of Quickin prior to, or in conjunction with their application.



### APPLICATION AND USE RATES

- Injection – 1 to 3 quarts per acre (2.5 – 7.5 liters/ha), injected through any type of irrigation system. Do not apply through earthen ditches.
- Spray – 1 to 3 quarts per acre (2.5 – 7.5 liters/ha), followed by irrigation.

### FEATURES AND BENEFITS

- Uniform water – larger root masses, more efficient water use
- Excellent crop safety – reduced risk
- Injected or sprayed – convenient to use
- Stable formulation – easy to pour, mix and store

### IMPROVED WATER MOVEMENT

When applied through the irrigation system, Quickin reduces the surface tension of water, resulting in improved movement through surface barriers, such

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