

AquaFix®

THE WATER RESERVOIR – DIE WATER RESERVOIR

AquaFix is an acrylamide/acrylic acid copolymer, with potassium/ammonium salts cross – linked, used to absorb water and nutrients as a reservoir for the plant root zone, for use in agriculture, horticulture and forestry.

DIRECTIONS FOR USE: Use only as directed

Mixing Instructions:

1. Wet Mixing

Add 5g AquaFix to 1 Lt water. Agitate well and allow a slurry to form. Once the slurry has formed, pour 400ml – 1 Lt of this slurry into the planting pit and mix into soil. Place the seedling into the pit and close up as in normal planting procedures.

OR

Add 20 – 30g AquaFix to 1 Lt water. Agitate well and allow a slurry to form. Once slurry has formed, pour 400ml – 1 Lt of this slurry into the planting pit, place the seedling into the slurry without mixing it into the soil and close up as in normal procedures.

2. Dry Mixing

Add 20 – 30 grams of dry AquaFix per m³ of soil before planting. Wet thoroughly after planting.

Application Rate

Forestry: Apply 2 – 5 grams AquaFix per seedling

Broadcast: Apply 50 – 100 grams/m²

Hydroseedlings: 500 ml / 100 Lt water

WARNINGS:

Do not inhale dust or take product internally. Spilled material causes slippery ground when wet. Store under dry conditions and below a temperature of 35°C.

- **Water and nutrient reservoir**
- **Reduces transplant shock and plant mortality**
- **Increases root mass**
- **Improves aeration**
- **Improves germination**
- **Reduces leaching**
- **Reduces evaporation**
- **Environmentally safe, non toxic**

AquaFix® is a biodegradable super-absorbent and has been proven of helping agriculture, agro-forestry and forestry for many years. It absorbs up to 300 times its weight water and slowly releases that water in the root zone for demand by plants. AquaFix® also absorbs water soluble nutrients and fertilizers, preventing their percolation into the water table. AquaFix® significantly reduces watering cycles to conserve water for growers. It is effectively applied to prevent plant loss caused by water stress and drought in soil where the water holding capacity is low or non-existent. It even works in sand! AquaFix® is able to hydrate and re-hydrate many times over its lifetime, providing on-going benefit to the plants.

AquaFix® also helps build better soil. As water is drawn from the hydro-gel SAP particles by plants, the SAP particles reduce in size, allowing oxygen to occupy the void space and create a better soil environment, while stimulating more vigorous root development. SAP also absorbs and holds valuable fertilizers and nutrients, keeping them at the root level and allowing less of them to end up in the water table.

Additional, AquaFix® is environment-friendly and are sensitive to the aerobic and anaerobic processes of microbiological degradation in soils so as to naturally degrade in CO₂, H₂O and nitrogen compounds.