

BioFlow

Organic wetter and anti-stress agent

BioFlow is a natural plant extract containing surface tension breaking saponins. Saponins are steroidal-based natural compounds that increase the plant's ability to use water and nutrients more efficiently, requiring less frequent feeding and irrigating. As a natural surfactant, saponins break the surface tension of water making it "wetter". Spray applications are more easily absorbed through the foliage when mixed with **BioFlow**, and saponins also increase the permeability of plant cell membranes, allowing for easier passage of water and nutrients. **BioFlow** is a natural biostimulant, which increases biological activity in the soil and stimulates plant growth and development.

Why choose BioFlow?

BioFlow is a natural wetter that can be used via flood or drip irrigation and as a foliar spray to:

- Improve water and fertilizer penetration
- Soften hard, compacted soils
- Reduce surface tension of foliar sprays
- Improve uptake of foliar feeds and trace elements
- Improve performance of pesticides
- Improve seed germination
- Rapidly establish transplants.

BioFlow is particularly useful in helping plants to recover from stress conditions such as:

- Transplanting and transport shock
- Insufficient water availability through poor penetration or excess percolation
- High alkalinity or acidity
- Poor availability or quality of nutrients
- Temperature extremes
- Drought

Application protocols

Water and Fertilizer penetration

Mix or meter into fertilizer solution or into first irrigation water to give 1.5L/ha. Repeat up to twice more in poor soil conditions.

New Seedlings

Apply once at 3L/ha to assist germination and water retention and percolation.

Plugs

Drench media before or after planting with 25ml **BioFlow** per 10 litres of water.

Foliar Application

As a spreader/sticker add 100ml per 100 litres of spray solution.

Drip Irrigation

Meter into water to obtain 50ppm continuous dosing.

We cannot predict or guarantee tank mix success for any product; always conduct a bucket test to confirm compatibility.

Consult your Biotechnica representative for crop specific protocols.

Organic cultivation

BioFlow is approved for use in organic cultivation by the Organic Farmers and Growers Association.



For more information on any of our products, contact our BioAgronomy experts.

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