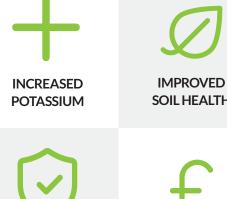


## **A Biological Solution** for Potassium Release



**ELEVATED CROP** 

YIELD QUALITY

SOIL HEALTH

LOWER COSTS

SFS **BIOLOGICAL SOIL** & PLANT HEALTH

Bio-K is a biological amendment designed to release locked-up potassium from the soil and make it available to plants. It offers a more sustainable and cost-effective alternative to traditional potassium fertilisers

# Key benefits of Bio-K:

- Increased potassium availability
- Improved soil health
- **Reduced** reliance on potassium fertilisers
- Elevated crop yield and quality
- Lower costs



### "

A more sustainable and cost-effective alternative to traditional potassium fertilisers

Bio-K offers a sustainable and effective solution for improving potassium availability in soils. Harnessing the power of beneficial microorganisms can help farmers optimise crop production and reduce their reliance on synthetic fertilisers.

#### How Bio-K works:

**Microbial activity:** Utilises beneficial microorganisms to mineralise potassium from organic matter and soil reserves.

**Nutrient release:** Frees up potassium for plant uptake.

**Synergistic interactions:** Works with plant hormones and carbon compounds to enhance potassium availability.



#### Critical features of Bio-K:

- **Biological potassium mobilisation:** Releases unavailable potassium ions.
- Improves soil health: Increases the beneficial microbe population.
- **Earthworm-friendly:** Does not harm earthworms.
- **Reduced potassium fertiliser reliance:** Can replace 30-50% of potash inputs.
- **Elevated crop health:** Promotes overall plant health and vigour.





OF&G