



CropBioLife is a plant foliar spray that boosts plant and soil health.

CropBioLife is a 100 % natural flavonoid-based spray, developed from naturally occurring bitter-orange extract.

This application data sheet contains an overview of CropBioLife application on Sugarcane – including what to expect, results, and spray rates.



Using CropBioLife on Sugarcane can achieve:

- Increased cane diameter
- Increased plant height
- Greater overall yield
- Improved soil biology
- Reduction in disease pressure
- Increased Cane Length
- Reduction in drought stress
- Improved photosynthesis
- Greater levels of Ethanol
- Improved root health
- Improved BRIX levels
- Improved overall health of the plant

Parameter	Increase in Parameter *
Overall Yield Increase	15 – 30%
BRIX Increase	0.84 – 1.30%
Plant Height Increase	11 – 15%
Cane Diameter Increase	5 – 20%
Cane Length Increase	5 – 43%
No. Cane per Tiller	15 – 33%

Documented experiences:

The table to the right shows experiences that that our customers had in which improvements were seen in key Sugarcane parameters following the application of CropBioLife for one season.

**Experiences may vary. 'Documented experiences' refers to independent laboratory testing that was completed following the harvest with our customers. These increases vary according to the crop type.*

Spray Application

The following table shows the spray rates and timing that we recommend based on 10 years of trial work.

Crop	Dose per Hectare	Seed Dressing	1st Spray	2nd Spray	3rd Spray
Sugarcane	250–300ml per hectare (note specific seed dressing application rate)	Seed or Seedling treatment: Apply CropBioLife solution (50ml of CropBioLife per 100 litres of water)	Spray during Initial Growth Stage, at tiller development stage (1 to 3 months after plantation)	Spray during Grand Growth Stage (5 to 7 months after plantation)	Spray during Maturation and Ripening Stage (10–12 months, or 2 months prior to harvesting)



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Specific Sugarcane Trial imagery and results.



We have undertaken rigorous trials on sugarcane across eight distinct plantations, operating concurrently to ensure thorough and consistent evaluations. Each participating farmer adhered to our meticulously designed 4-stage protocol, encompassing seed/seedling treatment followed by three consecutive sprays. The outcomes have been profoundly promising. Visual evidence from these trials is provided below for a comprehensive review.



Increased Tiller Quantity



Control



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Increased Cane Length

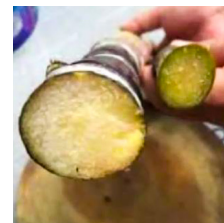


Control

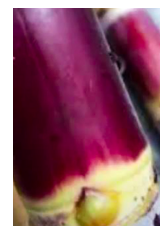


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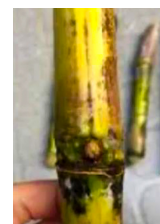
Increased Cane Diameter



CropBioLife treated on left. Control on right.



Close-up of CropBioLife treated cane diameter.



Close-up of non-treated control cane diameter.

To view the entire case study and trial results, visit our website.