



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 tree crops – including what to expect, results, and spray rates.



Documented experiences:

The table below shows experiences that our customers had in which improvements were seen in key Lettuce crop 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.*

Using CropBioLife on Lettuce can achieve:

- Improves photosynthesis
- Increases plant Biomass/ Leaf size
- Increases plant shelf life
- Improves root biomass
- Improves TSS levels
- Improves soil biology
- Increases nutritional values in Leaf
- Reduction in plant stress
- Reduction in disease pressure
- Greater overall yield
- Improves overall health of the plant
- Increase Soil Organic Carbon

| Growth/Yield Parameters | Enhancement in % * |
|-------------------------|--------------------|
| Overall Yield Increase | 15 - 30% |
| Chlorophyll content | 4-7.5% |
| Height of plants | 10-15% |
| Brix level | 15-20% |
| Soil organic carbon | 0.5- 0.7% |

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 | Seedling Treatment | 1st Application | 2nd Application | 3rd Application (OPTIONAL) |
|---|-----------------------|---|--------------------------|---------------------------|---|
| Lettuce/ Exotic leafy vegetables | 300-500ml per Hectare | Dip Seedling in a CropBioLife solution (50mls of CropBioLife per 100 litres of water) | 10 Days After Transplant | Spray After 15 Days Later | Continue to spray every 15 days until harvest |