



### Overview

**Crop4Life®** technology is a carefully formulated complex of unique flavonoids and different plant extracts, including Citrus aurantium and organic acids, designed as an organic, foliar-applied suspension concentrate with potassium carbonate. Crop4Life® has been extensively tested for more than 20 years on 48 different crops.

### What is Crop4Life® technology?

- ▶ **Crop4Life®** is a complex of unique flavonoids, different plant extracts, organic acids and potassium carbonate.
- ▶ Suspension concentrate, excellent compatibility.
- ▶ Organic certified (OMRI listed and CDFA certified).
- ▶ Designed as a foliar application.

### Guaranteed Analysis

#### % W/W

<b>K<sub>2</sub>O</b>	<b>7 %</b>
<b>pH</b>	<b>3.5</b>
<b>Density</b>	<b>9.18 lbs per gallon</b>

### Compatibility

**Crop4Life® 0-0-7 is compatible with most agricultural chemicals** but should not be tank mixed with fungicides, insecticides, growth regulators, surfactants, water soluble foliar nutrients and selective post emergence grass and broad leaf herbicides, **if there has been no experience or use of the combination in different crops previously; consult your local supplier.**

### Benefits

#### Stress:

- Improved abiotic and biotic stress tolerance, through induced resistance and stress metabolism (i.e., cell wall, secondary metabolites and waxes)
- Abiotic: salinity, drought, heat and cold
- Biotic: pest and disease

#### Soil and root health:

- Enhanced root development
- Increased root exudates
- Increased activity of beneficial soil organisms
- Improved colonization on roots
- Suppresses harmful soil organisms
- Nutrients: has the potential to improve availability, uptake and translocation

#### Improved:

- Nutrient use efficiency
- Yield
- Flower stimulation
- Fruit set and retention
- Fruit quality: size, color, firmness and finish (cracking and russetting)
- Shelf life

### What does Crop4Life® do?

Activates more than 2500 genes in Arabidopsis

Increases plant energy

Inducing and suppressing several pathways



Enhances photosynthesis

Increased beneficial root exudates to:

- Increase activity of beneficial soil organisms
- Improve colonization on roots
- Improve availability and uptake of nutrients

Shift toward:

- Signaling
- Hormone regulation
- Secondary metabolism
- Stress priming