

# CELL OUT

Cell Out is designed for the prevention or correction of nutrient deficiencies occurring during the post flowering (anthesis) period of fruit growth.

Composed of certain nutrients known to be helpful during cell division and cell enlargement, Cell Out contains a complex of plant protein, plant metabolites and selected amino acids that amplify the plants intrinsic endoduplication mechanism.

Endoduplication most commonly occurs in tissues that develop mass quickly and have high metabolic activity (seed and fruit growth, young hypocotyl growth). Endoduplication provides a mechanism to increase the availability of DNA templates and thus increases gene expression and translational activities which proportionally leads to greater cell cycling, larger fruit and fruit with higher solids, that are more uniform.

Multiple applications of Cell Out during the season provide nutrient support for the large number of complex processes that are integrated during seed development, fruit growth and sugar storage.

## BENEFITS::

- *Larger fruit*
- *More uniform size fruit with higher solid content*
- *Improved fruit quality with enhanced organoleptic qualities*
- *Improved storage and keeping qualities*
- *Improved bud formation*

## USE:

*Apply Cell Out by foliar applicator or via fertigation. For best foliar absorption apply the cool hours of the day when temperatures are below 92°F (32°C).*

## COMPATIBILITY:

Not compatible with alkaline spray materials, oils, dinitro, or sulfur compounds.

Before applying previously untried tank mixes we recommend performing a jar test.



## ANALYSIS

Zinc (Zn).....	1.0%
Manganese (Mn).....	1.0%
Organic Carbon (C).....	6.0%
Organic Acids.....	7.0%

## RECOMMENDED DOSAGES

### Foliar:

*Field and Vegetable Crops:* Apply 1 quart / acre (1Kg / HA), three times at 14 to 20 day intervals.

*Orchards:* Apply 1 quart / acre (1Kg /HA) three to four times at 14 to 20 day intervals

### Fertigation:

*Field and Vegetable Crops:* Apply 1 to 2 quarts /acre (1 to2 Kgs./HA) three times at 14 to 20 day intervals.

*Orchards :* Apply 1 to 2 quarts /acre (1 to2 Kgs./HA) three times at 14 to 20 day intervals.