

**PURPOSE**  
Silicon is a recognized beneficial substance<sup>a</sup> that can strengthen cell walls, improve a plant's heat, drought, and salinity stress tolerance; and extend post-harvest shelf and transit life of produce.

<sup>a</sup>Association of American Plant Food Control Officials (AAPFCO) definition BSC-4 Available Silicon (Si).

#### DIRECTIONS

- For use in hydroponics and on monocot plants such as turf, rice, bamboo, sugarcane, wheat, and barley
- Dilute 2 lso CropSIL in 1 gallon of water (the contents of this container in 200 gallons). Mix well.

**DOSAGE:** The general rule of thumb is a 0.34 % v/v CropSIL solution as spraying solution. This is comparable with 47.0 fl oz./125 gallons water/acre.

#### ORCHARDS

Week	Stage of plant development	Application rate
1	Appearance of the first leaves.	Apply a 0.1 % v/v CropSIL solution. First add water than CropSIL and stir well before applying.
3	Fruit development and uptake of essential micro-elements.	The second application, two weeks later, apply 0.3 % v/v CropSIL and stir well before applying.
5	Fruit development and uptake of essential micro-elements.	The third application, two weeks later, apply 0.3 % v/v CropSIL and stir well before applying.
8	Fruit development and uptake of essential micro-elements.	The fourth application, two weeks later, apply 0.3 % v/v CropSIL and stir well before applying.
12	Last stage of fruit development and from here on the maturation starts.	The 5th application, two weeks later, apply 0.4 % v/v CropSIL and stir well before applying.

#### CONTAINS NONPLANT FOOD INGREDIENT:

3% Silica ( $\text{SiO}_2$ ) derived from Monomeric Silica

Information regarding the contents and levels of metals in this product is available on the internet at:  
<http://www.aapfco.org/metals.htm>

#### IN FLORIDA

##### GUARANTEED ANALYSIS:

##### SOIL AMENDING INGREDIENT:

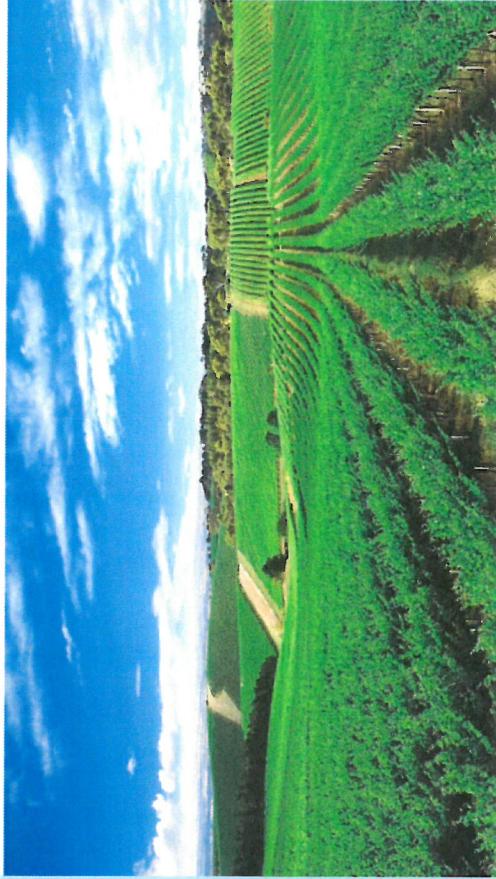
Silica ( $\text{SiO}_2$ ) from Monomeric Silica.....	3%
OTHER INGREDIENTS .....	97%
XXXX	

Inspected by Ecocert SA F-32600,  
Inputs suitable for use in Organic Farming,  
according to (EC) n° 834/2007 & 889/2008 Regulations

Net Contents 1.05 qt(1.0 l) Net Weight 2.34 lb (1.06 kg)



3% Plant Derived Silicon



MANUFACTURED FOR AND GUARANTEED BY:  
NuVa Technologies, Inc.

85 Chambers Drive, Unit 5  
Ajax, Ontario Canada L1Z 1E2  
[www.nuvatec.com](http://www.nuvatec.com)



# CROPSIL

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## NON PLANT FOOD INGREDIENT:

3% Silica (SiO<sub>2</sub>) derived from Sodium Silicate.

All other inert ingredients: 97%

**PURPOSE:** Silicon is a recognized beneficial substance that can strengthen cell walls; improve a plant's heat, drought, and ability stress tolerance, and extend post-harvest shelf and transit life of produce.

## METHOD OF APPLICATION:

1. Dilute 0.06-0.11 fl. oz (2.3 ml) Cropsil in 1.05 qt (1 l) of water. Mix well.

2. Apply with foliar spray in 4 cycles per crop per season. For example - in 100 day growing cycle:
  - a. Sow seed, spray with solution, and cover with soil
  - b. First spray – before flowering (at approx. day 15)
  - c. Second spray – before fruiting (approx. day 35)
  - d. Third spray – approx. day 60
  - e. Fourth spray – 30 days before harvesting (day 75)

## HAZARD WARNINGS:

Contact with eyes: May cause eye irritation.  
Ecological Hazards: Bacteriostatic in nature, inhibits both gram+ve and gram-ve bacteria.

## STORAGE:

Please store in a cool place. Best before 24 months of manufacture date.

## READ LABEL BEFORE USING.

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Distributor  
NuVIA Technologies Inc.  
85 Chamber's Drive,  
Unit 5  
Ajax, Ontario L1T 1E2  
Canada

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## DISPOSAL:

Dispose of contents/container in accordance with local or regional, national or international requirements.

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## FIRST AID:

After skin contact: On skin contact; rinse thoroughly with water. Remove contaminated or saturated clothing immediately. If irritation persists, seek medical care immediately. Keep warm in a comfortable position and cover with blanket.

After eye contact: With eye held open, thoroughly rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if possible. Seek medical attention if needed.

After swallowing: Rinse mouth with water. Drink plenty of salt water. Induce vomiting. Consult medical attention immediately.

## PROTECTIVE CLOTHING:

Protection of hands: Wear protective gloves made from PVC, neoprene or natural rubber.

Eye protection: Wear safety goggles.

Body protection: Change work clothes immediately if product has spilled on clothing.

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