

# HIGH PERFORMANCE LIQUID FERTILIZERS



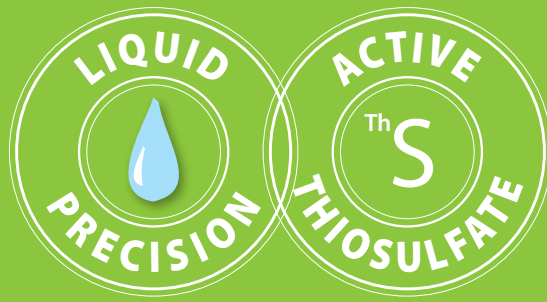
# CaTs<sup>®</sup>



High performance  
100% liquid Calcium

Tessenderlo Kerley

Crop Vitality



Tessenderlo Kerley's liquid fertilizers deliver **Liquid Precision** to the crop: more precise application and more efficient nutrient uptake.

**Active Thiosulfate** is a versatile technology with double action: it brings a key nutrient and acts as a catalyst enhancing other nutrient uptake, optimizing overall fertilizer efficiency.



Tessenderlo Kerley Crop Vitality™ brings a new generation of liquid fertilizers – innovative products for more precise and environmentally responsible yield & crop quality improvement.

# CaTs®



- Multipurpose: acts as soil amendment and brings key nutrients
- Boosts crop quality: consistency, crop color and shelf life
- Delivers 100% readily available calcium and sulfur
- Enhances crop health
- Liquid fertilizer without nitrogen or chloride

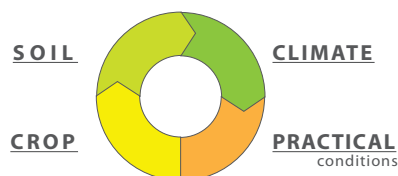
## Yield, Quality & Soil balance

- **Crop Yield**
  - ✓ Enhances root growth
- **Crop Quality**
  - ✓ Improves firmness of fruits and vegetables
  - ✓ Improves cell structure
  - ✓ Increases disease resistance
  - ✓ Increases shelf life
- **Soil balance**
  - ✓ Balances the soil allowing better water infiltration
  - ✓ Stabilizes & solubilizes soil nutrients (calcium, potassium, magnesium, iron and manganese)
  - ✓ Leaches out harmful salts

## Functional & Technical

- **Active Thiosulfate Benefits**
  - ✓ Increases chlorophyll content
  - ✓ Assists the synthesis and function of enzymes and vitamins within the plant
  - ✓ Assists with plant resistance against fungus
  - ✓ Low salting out temperature
- **Liquid Fertilizer Benefits**
  - ✓ Easy to handle and safe to use
  - ✓ Cost effective and environmentally friendly
  - ✓ Fully compatible with irrigation systems & doesn't plug drip lines
  - ✓ Chloride free
- **Nutrient uptake**
  - ✓ Readily available source of Ca and S
  - ✓ Liberates soil nutrients

Ask for a tailor-made Crop Vitality™ fertilization proposal.



# SUMMARY APPLICATION GUIDE

## HARVEST METHOD COMPATIBILITY OVERVIEW

GREENHOUSE	TUNNELS / COVERS	OPEN FIELD
✓	✓	✓

## APPLICATION METHOD COMPATIBILITY OVERVIEW

DRIP IRRIGATION	SPRINKLER	PIVOT	FLOW SURFACE	FOLIAR	SPRAY BOOM	INJECTION
✓	✓			✓	✓	

SUITABLE FOR ALL CROPS, BUT SPECIALLY RECOMMENDED FOR:

### CROP COMPATIBILITY: CASH-CROPS

ORCHARD FRUITS	STONE FRUITS	TROPICAL FRUITS	GRAPES	BERRIES	NUTS	VEGETABLES	OTHER FRUITS
✓	✓	✓	✓	✓	✓	✓	✓

### CROP COMPATIBILITY: BROAD ACRE-CROPS

CEREALS	CORN	OIL SEED	RICE	SOYBEAN	COTTON	SUGAR BEET	TUBERCLES	HAY & SILAGE	OTHER CEREALS
<b>ESPECIALLY RECOMMENDED FOR SOIL AMENDMENT (ALL CASH-CROPS)</b>									

## TECHNICAL DATA

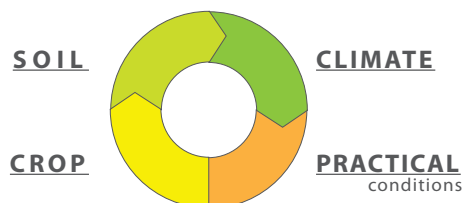
CaTs®	0-0-0-10S-6Ca
<b>Plant nutrient content, WT (%)</b>	
Soluble Calcium (CaO)	9%
Total Sulfur (SO <sub>3</sub> )	25%
<b>Typical Properties</b>	
pH	6.5 - 8.8
Appearance	Clear, colorless
Density (kg/liter)	1.25
<b>Formulation and application factors, 15°C</b>	
CaO per liter (g)	112.5
SO <sub>3</sub> per liter (g)	312.5
<b>Plant Nutrient Source</b>	
Calcium thiosulfate	CaS <sub>2</sub> O <sub>3</sub>

See the CaTs® Application Guide for handling instructions, crop precautions, rate recommendations by crop and timing of applications. See the Safety Data Sheet (SDS) for safety and first aid information. Both are available at [www.cropvitality.com](http://www.cropvitality.com)

### Warranty and Limitation of Damages

Seller's guarantee shall be limited to the terms in the Application Guide, and subject thereto, the buyer assumes any risk to person or property arising out of use or handling and accepts the product on these conditions.

## TAILOR MADE PROPOSAL



Our experts understand your crop's needs and they are ready to design a tailor-made proposal for you.

They can also assist you with:

- Technical information
- Laboratory analysis
- Fertilizers' blends
- Application and storage guides

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