



# Sweetsei™

## Biostimulant

### PRODUCT BENEFITS

**Sweetsei™ improves uniform fruit ripening and sizing.** Designed with an organic matrix that integrates the main biochemical intermediaries of key plant pathways for ripening and color, Sweetsei influences fruit maturation for larger, sweeter fruit and more profitable harvests.

#### Sweetsei on Fresh Market Tomatoes

Florida Ag Research | Thonotosassa, FL | 2024

- A randomized complete block design of STIM 2255 tomatoes.
- Sweetsei was drip applied in addition to a Grower Standard (GS) two times, beginning on 12/5/24. Application was compared to the GS alone.
- 7 days after application, plants treated with Sweetsei had 22.4% more red, marketable fruit compared to the GS alone.

Product	Rate	Date
Sweetsei	16 fl oz/ac	12/5/2024
		12/12/2024

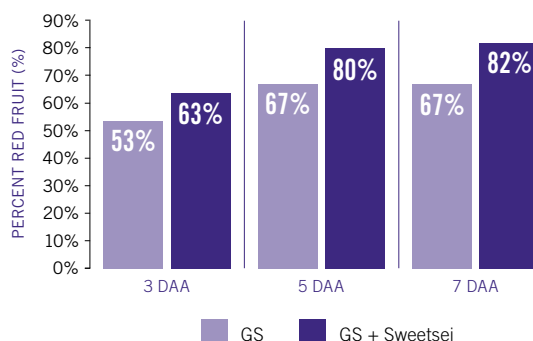
#### Sweetsei on Processing Tomatoes

Pacific Ag Research | Five Points, CA | 2025

- A randomized complete block design of SV9023 processing tomatoes.
- Sweetsei was soil applied in addition to a Grower Standard (GS), once when 10-20% of the fruit reached breakers to turning stage. Application was compared to the GS alone.
- Tomato harvest was completed 8/4/2025 and results showed Sweetsei increased total red fruit 7 tons/ac and reduced breakers and greens.

Product	Rate	Date
Sweetsei	64 fl oz/ac	7/10/2025

Percent Red Fruit



Processing Tomato Yield



### OVERVIEW



#### IMPROVED FRUIT SIZING & UNIFORMITY

Positively influences fruit sizing for larger fruit



#### ADVANCED FRUIT RIPENING & BRUX

Supports the accumulation and movement of sugars to the fruit for sweeter fruit



#### IMPROVED COLORATION

Influences pathways responsible for enhanced anthocyanins

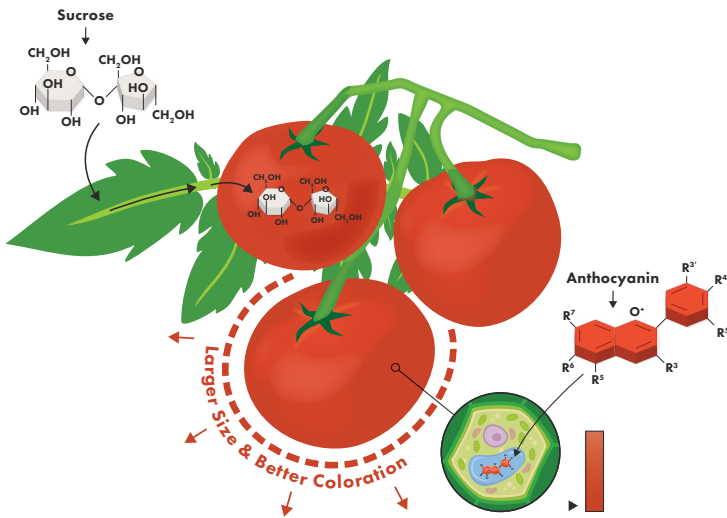
# Sweetsei™

## Biostimulant

VALENTBIOSCIENCES.COM/BIOSTIMULANTS

COMPONENT	BENEFIT
<b>Methionine</b>	Intermediary of the Yang and ethylene cycles, which favor a greater synthesis of ethylene for ripening and/or de-greening in fruit crops.
<b>Phenylalanine</b>	Metabolic intermediary of the Shikimic Acid Pathway, responsible for the generation of flavonoids, anthocyanins and tannins, compounds responsible for color.
<b>Polysaccharides</b>	The contribution of this type of sugars favors an increase in Brix degrees in the fruits.
<b>Potassium</b>	Sugar mobilizer and promotes fruit sizing.

### Mode of Action



### Guaranteed Analysis

#### Sweetsei Biostimulant

Total Nitrogen (N) .....	1.0%
1.0% Water Soluble Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	4.0%
Soluble Potash (K <sub>2</sub> O) .....	5.0%

Derived from: Soybean Protein Hydrolysate, Potassium hydroxide and Phosphoric acid.

### HOW TO USE

<b>Crop Type</b>	Tomatoes
<b>Use Rate</b>	Apply 32 – 64 fl oz/acre. See label for details or contact your crop advisor or Valent BioSciences for additional information.
<b>Application Timing</b>	Apply from ripening; then every 7 – 14 days



Always read and follow label instructions.

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