



Sweetsei™

Biostimulant

PRODUCT BENEFITS

Sweetsei™ improves uniform fruit ripening and sizing. Designed with a 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.

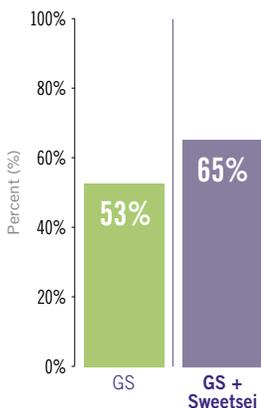
Southern Highbush Blueberries cv. Legacy

Holland Consulting & Research | Alma, GA | 2025

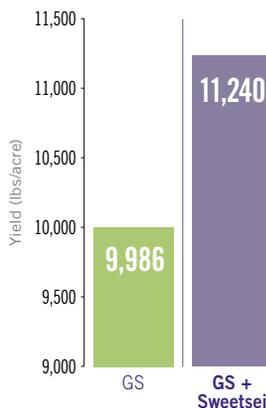
- Sweetsei was foliar applied in addition to a Grower Standard (GS), at 15-20% blue fruit. Applications were compared to the GS alone.
- 15 Days after application of Sweetsei, there was 12% greater marketable fruit on the treated plants compared to the GS.
- Across three harvests (5/27/25, 6/3/25, 6/12/25), results showed Sweetsei increased total marketable fruit 1,254 lbs./ac over the GS.

Product	Rate	Date
Sweetsei	32 oz/ac	5/23/2025

Average Fruit Color of SHB Across Three Harvests



Marketable Blueberry Yield



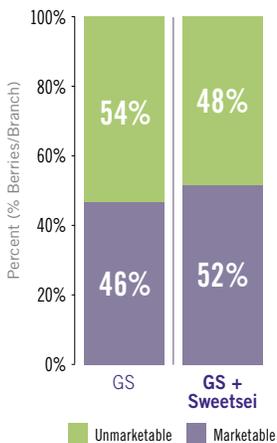
Northern Highbush Blueberries cv. Elliott

Northwest Contract Research | Quincy, WA | 2025

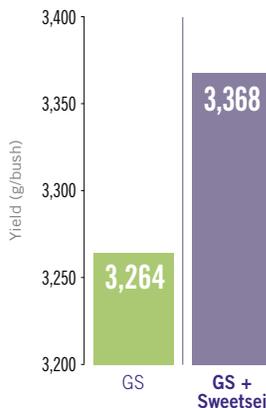
- Sweetsei was foliar applied in addition to a Grower Standard (GS), at 15-20% blue fruit. Applications were compared to the GS alone.
- 15 Days after application of Sweetsei, there was 11% greater marketable fruit on the treated plants compared to the GS.
- At harvest on 8/7/2025, results showed that the addition of Sweetsei increased total marketable fruit 3.2% over the GS.

Product	Rate	Date
Sweetsei	32 oz/ac	7/23/2025

Fruit Color 15 Days After Application



Marketable Blueberry Yield



OVERVIEW



IMPROVED FRUIT SIZING & UNIFORMITY

Positively influences fruit sizing for larger fruit



ADVANCED FRUIT RIPENING & BRIX

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

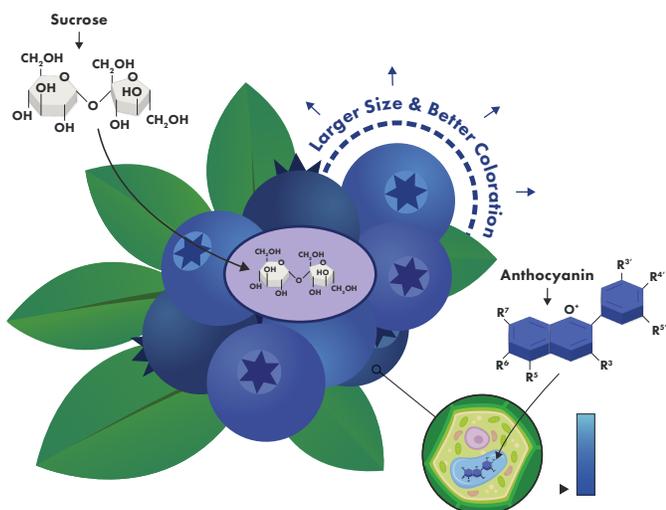


IMPROVED COLORATION

Influences pathways responsible for enhanced anthocyanins

COMPONENT	BENEFIT
Methionine	Intermediary of the Yang and Ethylene cycles, which favor a greater synthesis of ethylene for ripening and/or de-greening in fruit crops.
Phenylalanine	Metabolic intermediary of the Shikimic Acid Pathway, responsible for the generation of flavonoids, anthocyanins and tannins, compounds responsible for color.
Polysaccharides	The contribution of this type of sugars favors an increase in Brix degrees in the fruits.
Potassium	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 ₂ O ₅)	4.0%
Soluble Potash (K ₂ O)	5.0%

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

HOW TO USE

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

