



CropSIL & Provia Field Trial on Blackberries

Trial Conducted Summer 2023

Purpose of trial was to evaluate the production and harvest of Blackberries (Victoria variety) after application of CropSIL and Provia Ap21

Products from NUVIA Technologies, INC.

CropSIL is a monomeric form of silicon

Provia AP21 is an amino acid fertilizer

Grower: Julio Alfonso Rodriuez, Sandy Ridge Farms (Millersburg, Oregon)

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Application rate: CropSIL 5 fl. oz. per acre + Provia AP21 16 fl. oz. via foliar sprayer application

Number of applications: 2

Timing: Application #1 flowering, #2 at green fruit

Plot Size: 3.5 acres

Crop: Blackberry, variety Victoria

Grown under cover (tunnel) for fresh pick harvest.

Observations

- Harvest lasted two weeks longer (4 pickings extra) vs untreated area
- Fruit had less disease from grey mold (Botrytis)
- Fruit had reduced effects from heat stress
- Plants were greener
- Post-harvest fruit lasted 5 to 7 days longer than untreated fruit, fruit was better quality and firmer

Conclusion: Grower plans to use the product on all his acres in Oregon in 2024.

- Trial recommendations and results were compiled by Tony Shepherd –
Verde Solutions, LLC
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