

Supplementary Table 1 Fertilizer and fungicide application record during experimental period.

Date	Field service	Materials	Rate	L/100 m ²
7/2/2023	Fungicide	Daconil Ultrex	152.5 g/100 m ²	7.33 L/100 m ²
7/2/2023	Fungicide	Banner Maxx	31.8 mL/100 m ²	7.33 L/100 m ²
7/3/2023	Irrigation	Surface Pipe	97.6 g/100 m ²	7.33 L/100 m ²
7/9/2023	Fertilization	Urea	28.6 mL/100 m ²	7.33 L/100 m ²
7/9/2023	Fertilization	Harrells Max	14.3 g/100 m ²	7.33 L/100 m ²
7/9/2023	Surfactant	Tricure AD	48.8 g/100 m ²	7.33 L/100 m ²
7/9/2023	Fungicide	Segway	63.6 mL/100 m ²	7.33 L/100 m ²
7/30/2023	Fertilization	10-34-0	47.7 mL/100 m ²	13.24 L/100 m ²
7/31/2023	Fertilization	Urea	127.2 mL/100 m ²	13.24 L/100 m ²
7/31/2023	Fungicide	Daconil Ultrex	26.8 g/100 m ²	13.24 L/100 m ²
8/4/2023	Fertilization	Urea	12.7 mL/100 m ²	13.24 L/100 m ²
8/4/2023	Fungicide	Insignia	139.9 mL/100 m ²	13.24 L/100 m ²
8/4/2023	Fungicide	Maxtima	152.5 g/100 m ²	7.33 L/100 m ²
8/4/2023	Fungicide	Banol	31.8 mL/100 m ²	7.33 L/100 m ²
6/17/2024	Fungicide	Medallion SC	97.6 g/100 m ²	7.33 L/100 m ²
6/17/2024	Fungicide	26GT	28.6 mL/100 m ²	7.33 L/100 m ²
6/18/2024	Fertilization	21-0-0	14.3 g/100 m ²	7.33 L/100 m ²
6/18/2024	Irrigation	Hose Reel	48.8 g/100 m ²	7.33 L/100 m ²
7/7/2024	Fungicide	Affirm WDG	63.6 mL/100 m ²	7.33 L/100 m ²
7/7/2024	Fungicide	Secure	47.7 mL/100 m ²	13.24 L/100 m ²
7/21/2024	Fertilization	21-0-0	127.2 mL/100 m ²	13.24 L/100 m ²
7/27/2024	Fungicide	Maxtima	26.8 g/100 m ²	13.24 L/100 m ²
7/27/2024	Fungicide	Pedigree SC	12.7 mL/100 m ²	13.24 L/100 m ²
8/1/2024	Irrigation	Hose Reel	1 Pull	1X