

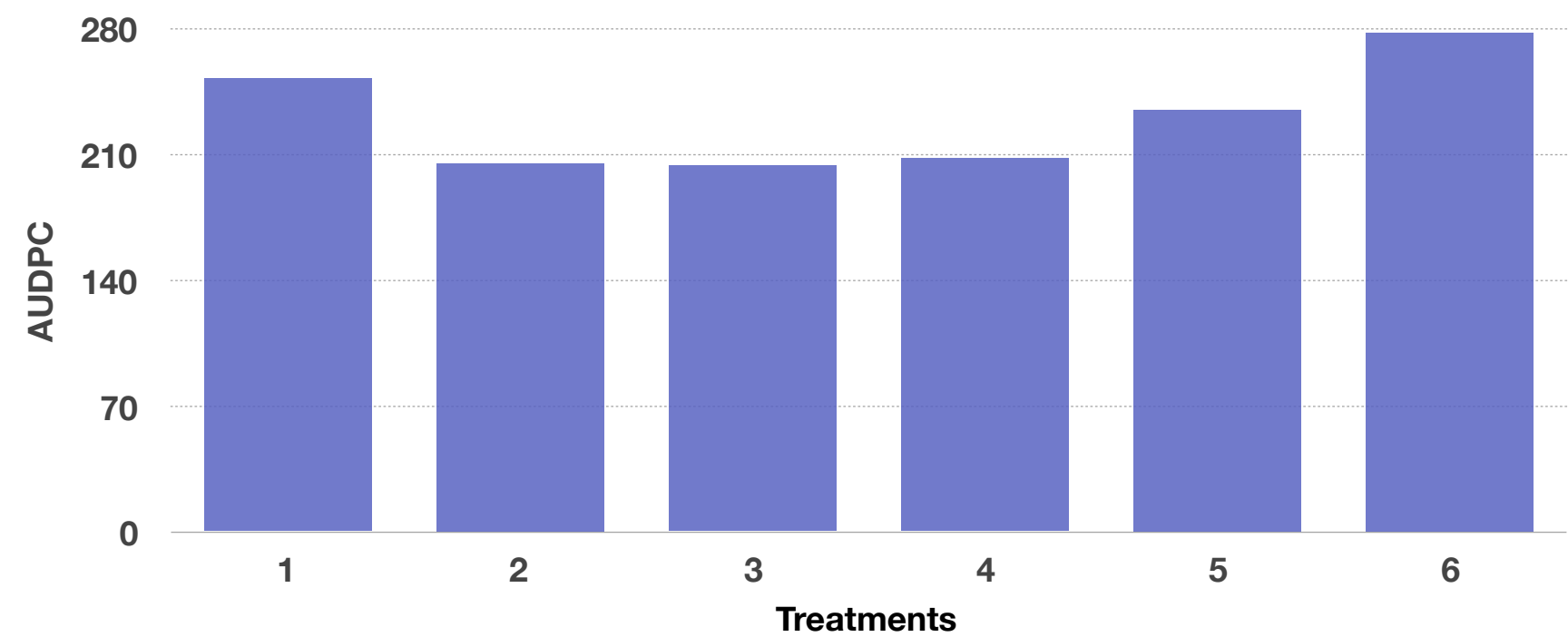
2012-2017 Tomato Target spot research trial data. University of Florida, NFREC, Quincy, FL
Research conducted by: Susannah Da Silva, Maxwell Sawyer, Laura Ritchie, Drey Clark, Jackie Snell, Josh Freeman, Steve Olson and Mathews Paret

Target spot disease severity (AUDPC) of tomato - Fall 2017

TREATMENT (RATE/A)		AUDPC	
1	Water control (Untreated) (1-8 w)	253	a
2	Bravo (24 oz) + Fontelis (16 oz) (1-8 w)	206	a
3	Bravo (24 oz) + Aprovia Top (10.5 oz) (1-8 w)	205	a
4	Bravo (24 oz) + Aprovia Top (13.5 oz) (1-8 w)	209	a
5	Bravo (24 oz) + A20259 (10.9 oz) (1-8 w)	235	a
6	Bravo (24 oz) + A20259 (13.7 oz) (1-8 w)	279	a

AUDPC: Area Under Disease Progress Curve. Higher the AUDPC, higher the disease severity over the period of the trial.

Different letters next to the treatments means that they are statistically different (Pr>F=0.05; LSD)



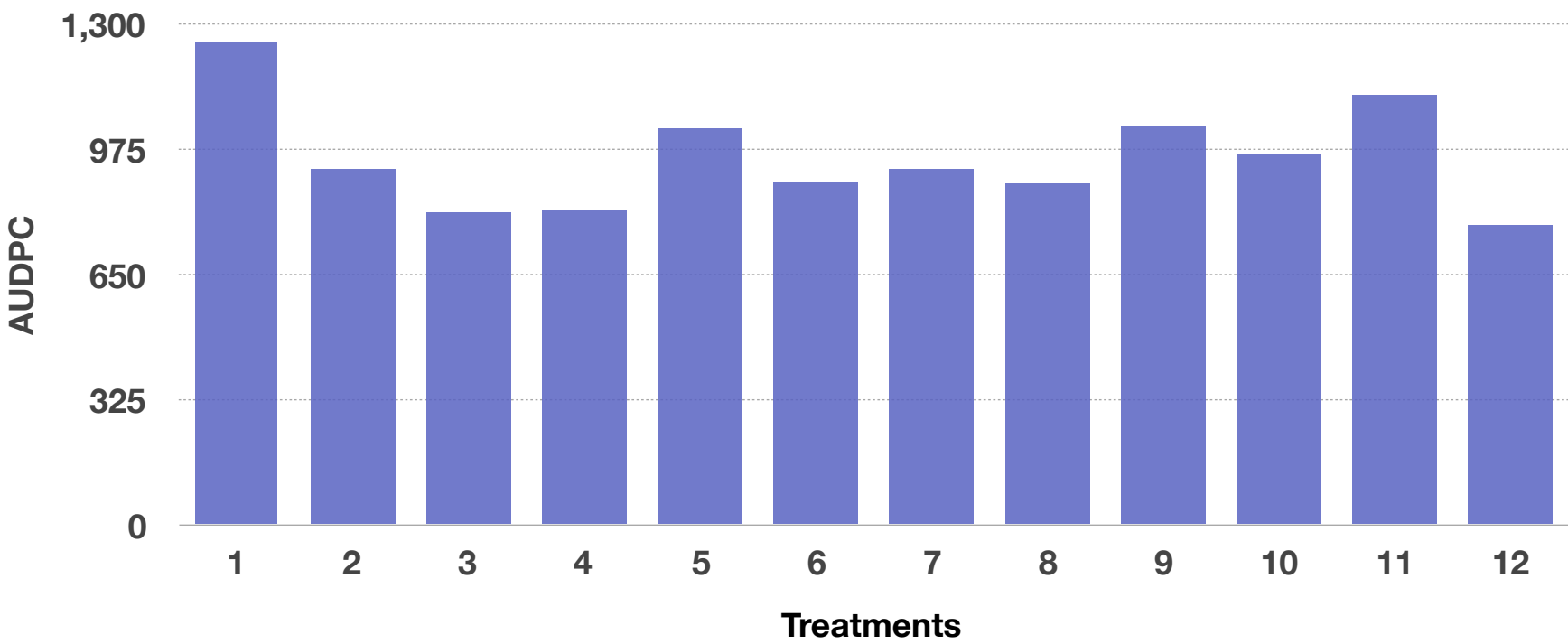
Variety: Quincy
Plot length: 25 feet
Number of plants per plot: 15
Plant spacing: 20 inches
Number of reps: 4
Transplanted: 8/24
Inoculation: Natural
Fungicide application dates: 9/28, 10/5, 10/10, 10/18, 10/26, 11/2, 11/9, 11/16
Disease assessment dates: 10/30, 11/8, 11/13, 11/17
Harvest date: N/A

Target spot disease severity (AUDPC) of tomato - Fall 2016

TREATMENT (RATE/A)		AUDPC	
1	Water control (Untreated) (wk 1-8)	1,258	a
2	Zing (36 fl oz) + Bond Max (2 fl oz) (wk 1-8)	925	b-d
3	Zing (34 fl oz) + Bond Max (wk 1,3,5,7) alt Mancozeb (2 lb) (wk 2,4,6,8)	811	cd
4	Gavel (2 lb) (wk 1-8)	820	cd
5	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt Fontelis 1.67SC (16 fl oz) (wk 2,3,5,7)	1,030	a-d
6	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt Aprovia Top (8.5 fl oz) (wk 2,3,5,7)	895	b-d
7	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt Aprovia Top (10.5 fl oz) (wk 2,3,5,7)	927	b-d
8	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt A20259 (11 fl oz) (wk 2,3,5,7)	888	b-d
9	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt A20259 (13.7 fl oz) (wk 2,3,5,7)	1,039	a-c
10	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt Aprovia Top (8.5 fl oz/100 gal) (wk 2,3,5,7)	961	b-d
11	Bravo Weather Stik (24 fl oz) (wk 1,4,6,8) alt A20259 (11 fl oz/100gal) (wk 2,3,5,7)	1,118	ab
12	Mancozeb (2 lb) (wk 1-8)	779	d

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Variety: Quincy

Plot length: 25 feet

Number of plants per plot: 15

Plant spacing: 20 inches

Number of reps: 4

Transplanted: 08/16/16

Inoculation: Natural

Fungicide application dates: 09/05, 09/12, 09/19, 09/26, 10/02, 10/09, 10/16, 10/23

Disease assessment dates: (Obs. 09/12, 09/19, 09/26) 09/28, 10/06, 10/13, 10/21, 10/28, 11/03

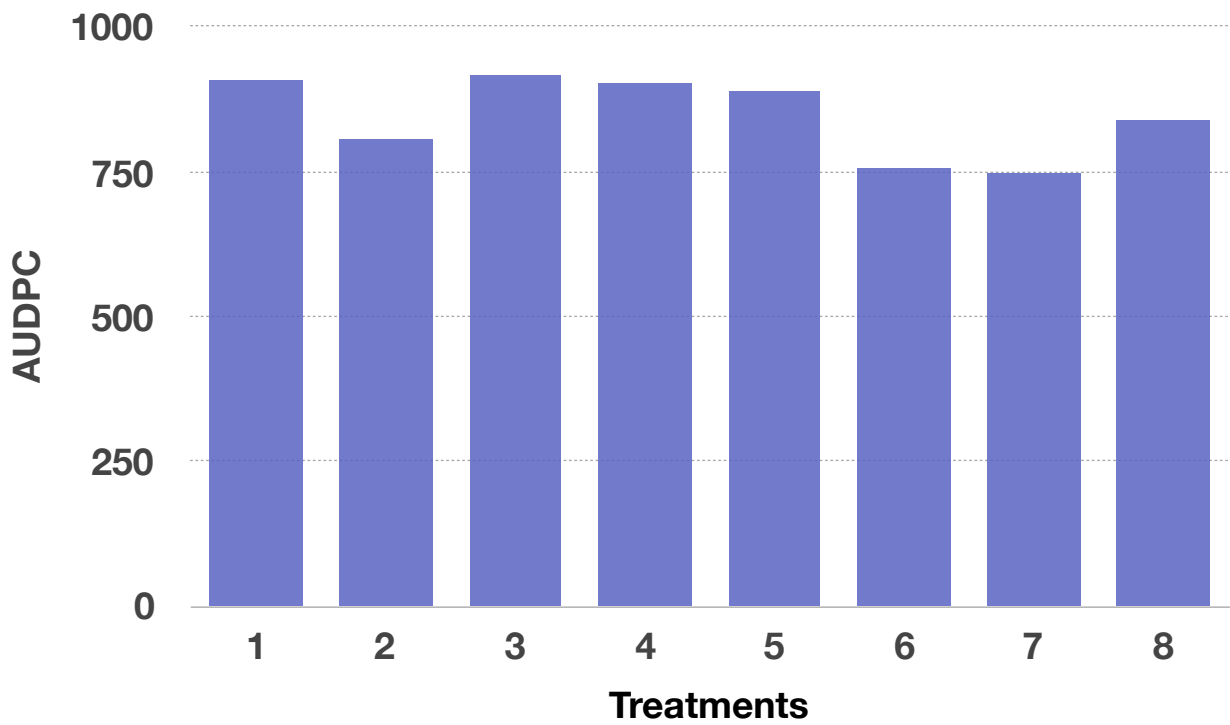
Harvest date: N/A

Target spot disease severity (AUDPC) of tomato - Fall 2015

TREATMENT (RATE/A)		AUDPC	
1	Water control (Untreated) (wk 1-8)	908	a
2	Fontelis (24 floz) + Manzate ProStick (2 lb) (wk 1-8)	807	a-c
3	Fontelis (24 fl oz) + Bravo WeatherStik (2 pt) (wk 1-8)	918	a
4	Fontelis (24 fl oz) (wk 1-8)	904	a
5	Aprovia Top (10.5 fl oz) (wk 1,3,5,7) alt Manzate ProStick (2 lb) (wk 2,4,6,8)	891	ab
6	Aprovia Top (13 fl oz) (wk 1,3,5,7) alt Manzate ProStick (2 lb) (wk 2,4,6,8)	757	bc
7	Quadris (6.2 fl oz) (wk 1,3,5,7) alt Manzate ProStick (2 lb) (wk 2,4,6,8)	745	c
8	Inspire Super (16 fl oz) (wk 1,3,5,7) alt Manzate ProStick (2 lb) (wk 2,4,6,8)	839	a-c

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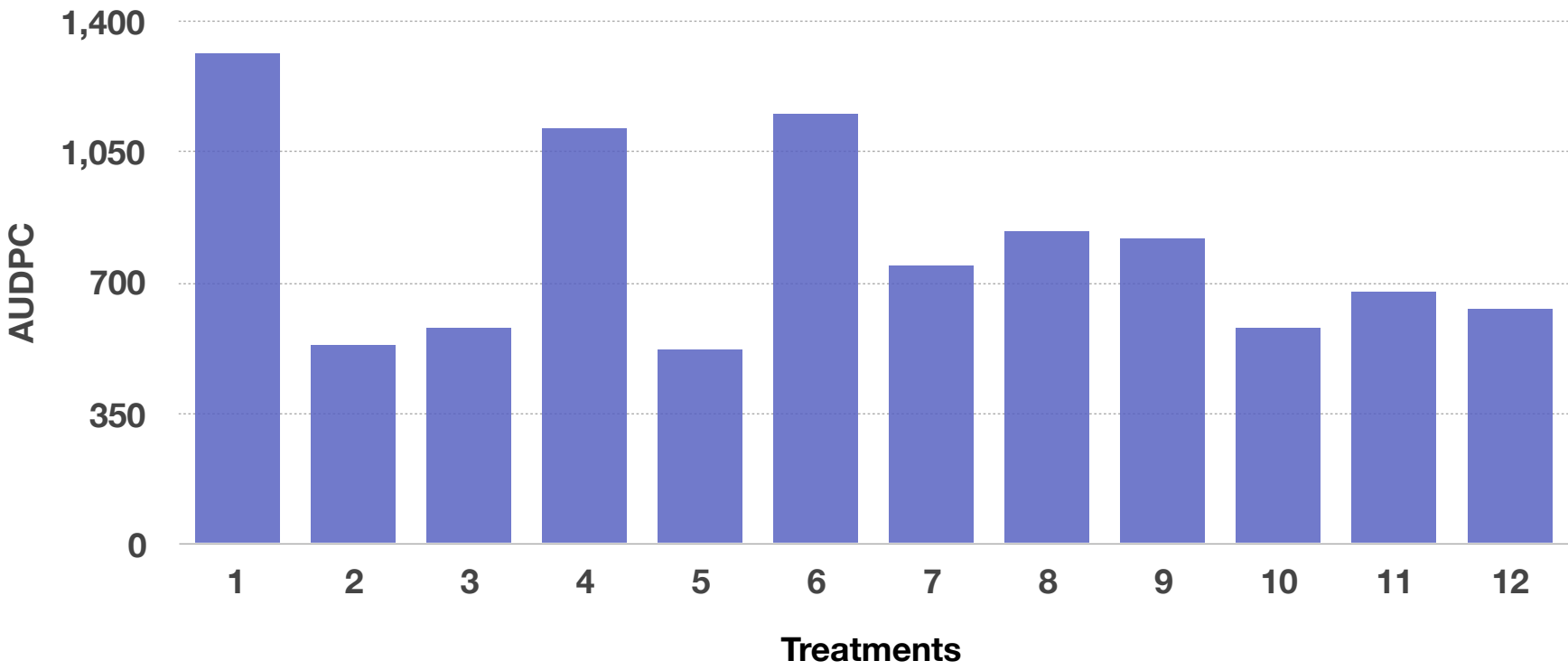
Variety: Tribute
Plot length: 25 feet
Number of plants per plot: 15
Plant spacing: 20 inches
Number of reps: 4
Transplanted: 08/17/16
Inoculation: Natural
Fungicide application dates: 09/30, 10/07, 10/13, 10/20, 10/29
Disease assessment dates: (09/21 obs), 09/24, 10/06, 10/12, 10/19, 10/26, 11/02
Harvest date: N/A

Target spot disease severity (AUDPC) of tomato - Fall 2013

TREATMENT (RATE/A)		AUDPC	
1	Water control (Untreated) (wk 1-8)	1,316	a
2	Manzate Pro-Stick (2 lb) (wk 1-8)	536	cd
3	Bravo Weather Stik (1.5 pt) (wk 1-8)	577	cd
4	Endura (3.5 oz) (wk 1-8)	1,114	ab
5	KFD 167-02 (2 lb) (wk 1-8)	521	d
6	Quadris (6 fl oz) (wk 1-8)	1,154	a
7	Manzate Pro-Stick (2 lb) (wk 1,4,6,8) alt Scala (7 fl oz) (wk 2,3,5,7)	746	cd
8	Bravo Weather Stik (1.5 pt) (wk 1,4,6,8) alt alt Scala (7 fl oz) (wk 2,3,5,7)	837	bc
9	Scala (7 fl oz) (wk 1-8)	817	b-d
10	Topguard (10 fl oz) + Koverall (1.5 lb) (wk 1-8)	581	cd
11	Koverall (1.5 lb) (wk 1-8)	675	cd
12	Topguard (10 fl oz) (wk 1-8)	629	cd

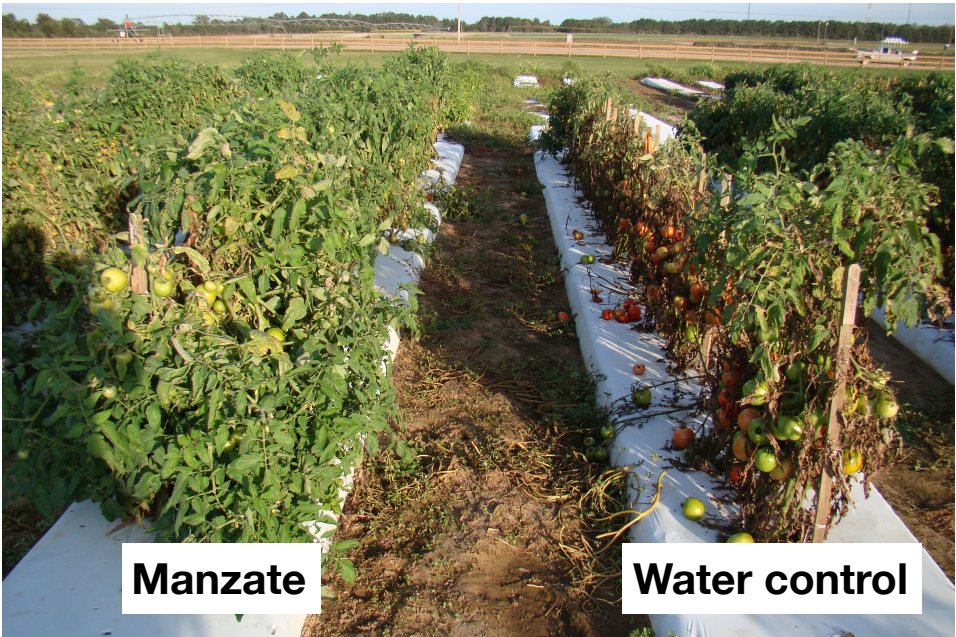
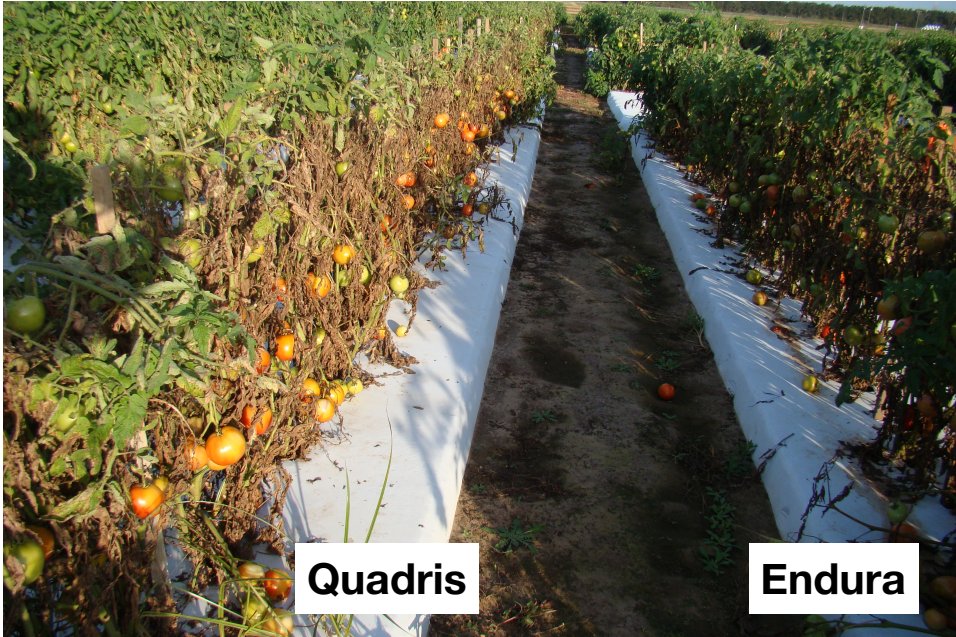
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Number of plants per plot: 15
Plant spacing: 20 inches
Number of reps: 4
Transplanted:
Inoculation: Natural
Fungicide application dates:
Disease assessment dates:
Harvest date

Target spot treatment plot pictures - Fall 2013



Target spot treatment plot picture - Fall 2012

