

**2012 Watermelon Powdery Mildew research trial data. University of Florida, NFREC, Quincy, FL**

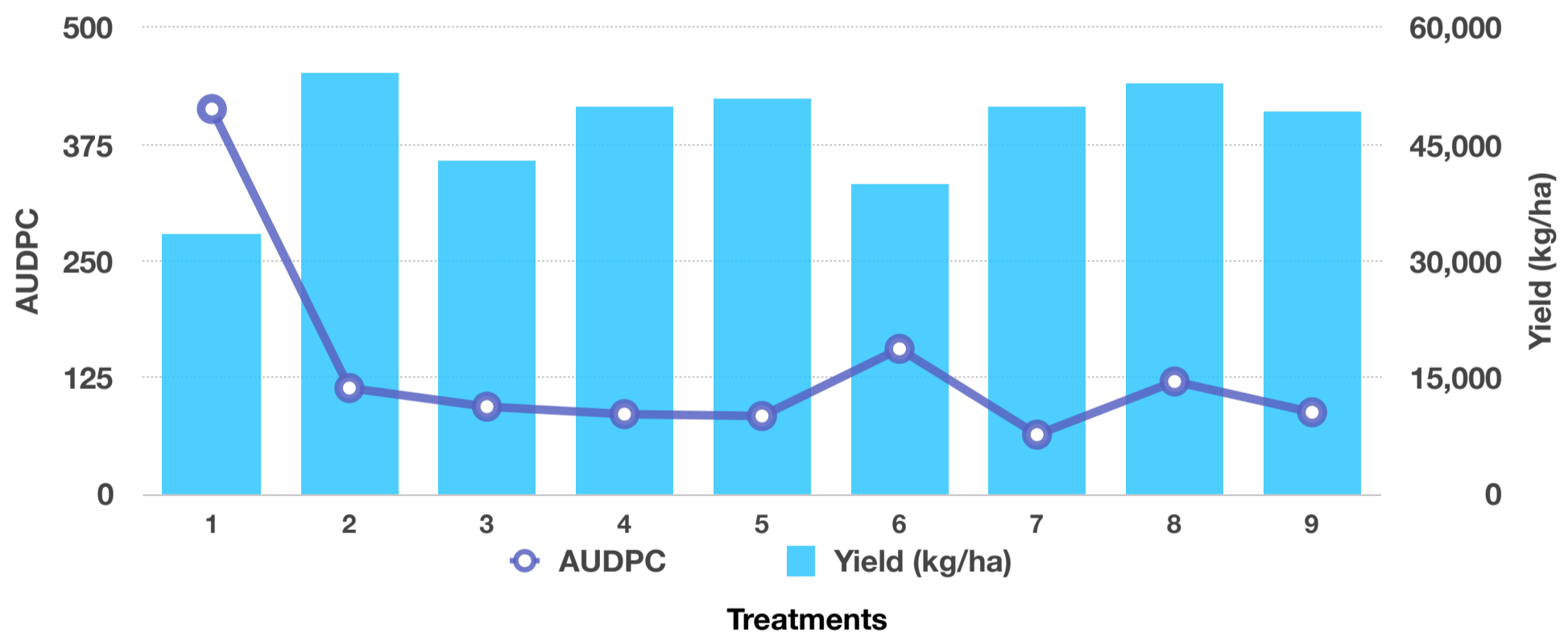
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**Disease severity (AUDPC) and yield of watermelon - Spring 2012**

TREATMENT (RATE/A)		AUDPC	YIELD (KG/HA)
1	Control (Untreated)	413 a	33,568 c
2	Luna Experience (10 fl oz) (1-6 wk)	114 bc	54,062 a
3	Tebuconazole (8 oz/A) (1-6 wk)	94 c	42,879 a-c
4	Pristine (15 oz/A) (1-6 wk)	86 c	49,733 ab
5	Fontelis (1 pt) (1-6 wk)	84 c	50,896 ab
6	Bravo (2 pt) (1-6 wk)	156 b	39,760 bc
7	Luna Experience (10 fl oz) (1,3,5 wk) alt Inspire Super ( 20 fl oz) (2,4,6 wk)	64 c	49,837 ab
8	Bravo (2 pt) (1,2,3 wk) alt Inspire Super - 20 fl oz (4,5 wk) alt Topsin (10 fl oz) (6 wk)	121 bc	52,739 a
9	Quintec (6 oz) (1,3,5 wk) alt Rally (5 oz) (2,4,6 wk)	88 c	49,308 ab

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: Starbrite  
 Plot length: 30 feet  
 Plot width: 8 feet  
 Distance between plots: 15 feet  
 Distance between rows: 5 feet  
 Number of plants per plot: 10  
 Plant spacing: 36 inches  
 Number of reps: 4  
 Inoculation: Natural  
 Fungicide application dates:  
 4/18, 4/25, 5/2, 5/7, 5/17, 5/23  
 Diseases assessment dates: 5/3,  
 5/16, 5/30