

Potato Disease Management

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Fungicide Trial - 2005



- Bravo
- Bravo alt. Amistar
- Bravo alt. Quadris
- IR5885
- Penncozeb

Disease Evaluated - Early Blight



- Early blight came in late
- Moderate disease pressure

Treatment and rate/A (app. time)	% EB	AUDPC
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9)/ Amistar 80WG 2 oz (2,4)	39.5 bc	804.3 bcd
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9) /Quadris 2.08SC 1.6 pt (2,4)	34.8 c	907.6 bc
Bravo Weather Stik 6 SC 0.75 pt (1-3) and 1.25 pt (4-9)	45.8 bc	708.5 bcd
IR5885 CTL WP 1.10 lb (1-9)	61.4 ab	1083.5 ab
IR5885 CTL WP 1.35 lb (1-9)	44.3 bc	766.8 bcd
IR5885 CTL WP 1.60 lb (1-9)	44.3 bc	685.8 bcd
IR5885 MZ WG 2.25 lb (1-9)	28.5 c	433.3 d
IR5885 MZ WG 2.7 lb (1-9)	30.0 c	593.6 cd
IR5885 MZ WG 1.8 lb (1-9)	23.8 c	507.7 cd
Penncozeb 75DF 0.8 lb (1-3)/1.85 lb (4-9)	28.5 c	566.9 cd
Untreated control	82.9 a	1469.9 a

Treatment and rate/A (app. time)	Mktbl Yield (ton/A)
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9)/ Amistar 80WG 2 oz (2,4)	12.9 a
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9) /Quadris 2.08SC 1.6 pt (2,4)	12.6 a
Bravo Weather Stik 6 SC 0.75 pt (1-3) and 1.25 pt (4-9)	13.1 a
IR5885 CTL WP 1.10 lb (1-9)	12.8 a
IR5885 CTL WP 1.35 lb (1-9)	13.7 a
IR5885 CTL WP 1.60 lb (1-9)	12.7 a
IR5885 MZ WG 2.25 lb (1-9)	14.2 a
IR5885 MZ WG 2.7 lb (1-9)	13.5 a
IR5885 MZ WG 1.8 lb (1-9)	13.9 a
Penncozeb 75DF 0.8 lb (1-3)/1.85 lb (4-9)	13.4 a
Untreated control	11.5 a

Treatment and rate/A (app. time)	% US 1	% Culls
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9)/ Amistar 80WG 2 oz (2,4)	89.8 a	6.3 a
Bravo Weather Stik 6 SC 0.75 pt (1,3,5-9) /Quadris 2.08SC 1.6 pt (2,4)	90.8 a	5.9 a
Bravo Weather Stik 6 SC 0.75 pt (1-3) and 1.25 pt (4-9)	89.8 a	5.8 a
IR5885 CTL WP 1.10 lb (1-9)	91.6 a	6.3 a
IR5885 CTL WP 1.35 lb (1-9)	91.3 a	5.4 a
IR5885 CTL WP 1.60 lb (1-9)	91.5 a	6.2 a
IR5885 MZ WG 2.25 lb (1-9)	93.3 a	3.9 a
IR5885 MZ WG 2.7 lb (1-9)	91.2 a	5.8 a
IR5885 MZ WG 1.8 lb (1-9)	92.3 a	4.2 a
Penncozeb 75DF 0.8 lb (1-3)/1.85 lb (4-9)	91.2 a	5.3 a
Untreated control	88.7 a	7.6 a

Plans for 2006

- Early blight fungicide trial
- Suggestions?
 - What are the major disease problems?
 - New/emerging issues?

