

Control of downy mildew of cucumbers with fungicides, 2005.

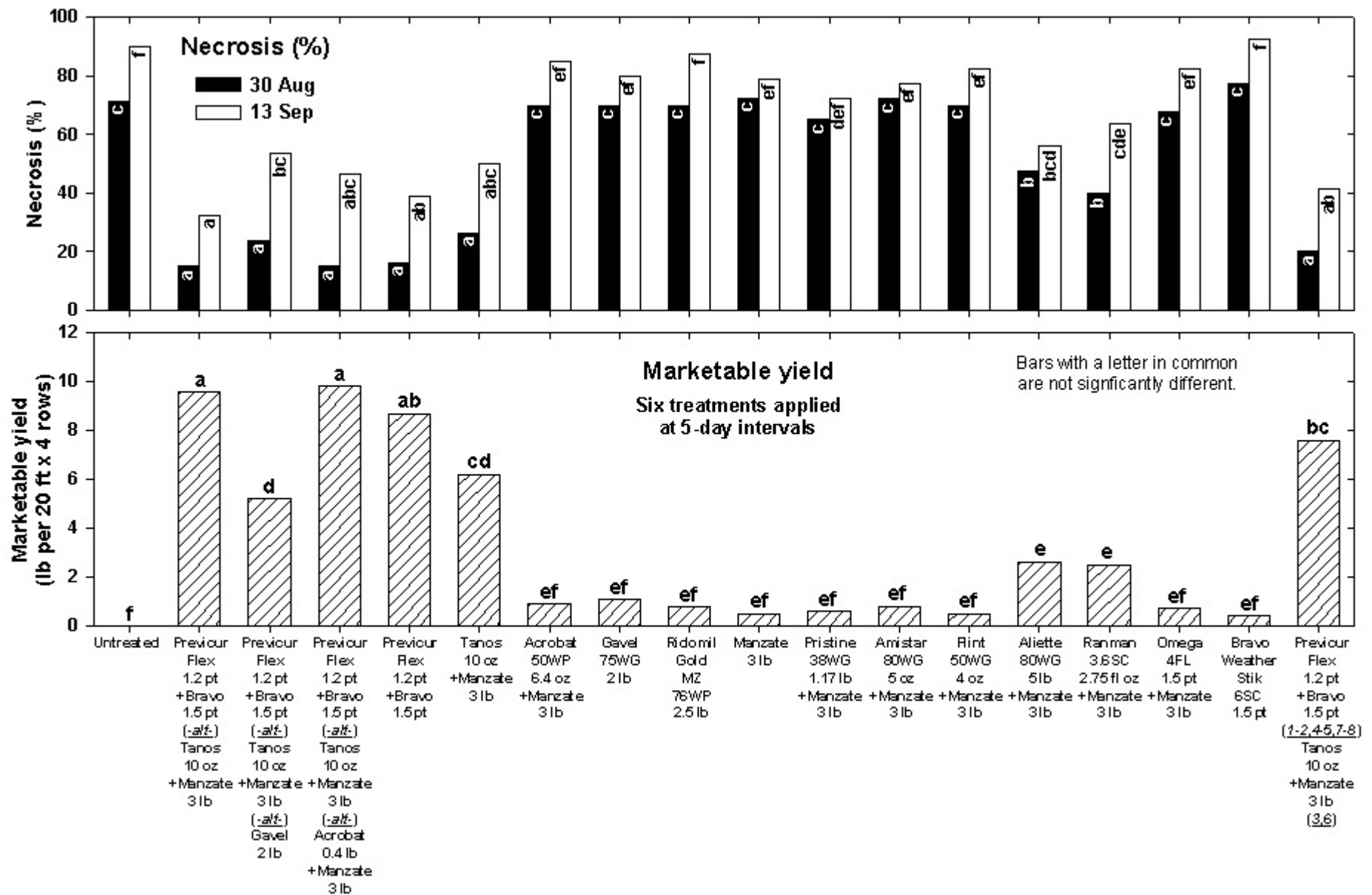
Treatment and rate/A (application sequence) ^z		Necrosis (%)		Sporulation ^y		Marketable yield (lb/10 ft)		Cull (%) ^x	
1	Untreated control.	90.0	f ^w	8.3	d	0.1	f	98.1	e
2	Previcur Flex 6SC 1.2 pt +Bravo Weather Stik 6SC 1.5 pt (1,3,5) Tanos 50DF 0.5 lb +Manzate 75DF 3 lb (2,4,6).	32.5	a	3.8	a	9.6	a	28.4	ab
3	Previcur Flex 6SC 1.2 pt +Bravo Weather Stik 6SC 1.5 pt (1,4) Tanos 50DF 0.5 lb +Manzate 75DF 3 lb (2,5) Gavel 75DF 2 lb (3,6).	53.8	bc	4.0	ab	5.2	d	35.1	ab
4	Previcur Flex 6SC 1.2 pt +Bravo Weather Stik 6SC 1.5 pt (1,4) Tanos 50DF 0.5 lb +Manzate 75DF 3 lb (2,5) Acrobat 50WP 0.4 lb +Manzate 75DF 3 lb (3,6).	46.3	abc	4.0	ab	9.8	a	19.2	a
5	Previcur Flex 6SC 1.2 pt +Bravo Weather Stik 6SC 1.5 pt (1-6).	38.8	ab	3.3	a	8.7	ab	22.9	ab
6	Tanos 50DF 0.5 lb +Manzate 75DF 3 lb (1-6).	50.0	abc	4.5	abc	6.2	cd	28.2	ab
7	Acrobat 50WP 0.4 lb +Manzate 75DF 3 lb (1-6).	85.0	ef	7.0	cd	0.9	ef	67.0	cd
8	Gavel 75DF 2 lb (1-6).	80.0	ef	8.0	d	1.1	ef	62.1	cd
9	Ridomil Gold MZ 76WP 2.5 lb (1-6).	87.5	f	7.5	d	0.8	ef	64.1	cd
10	Manzate 75DF 3 lb (1-6).	78.8	ef	6.8	bcd	0.5	ef	77.5	d
11	Pristine 38WG 1.17 lb +Manzate 75DF 3 lb (1-6).	72.5	def	6.0	abcd	0.6	ef	76.2	d
12	Amistar 80WG 0.31 lb +Manzate 75DF 3 lb (1-6).	77.5	ef	5.8	abcd	0.8	ef	69.7	cd
13	Flint 50WG 0.25 lb +Manzate 75DF 3 lb (1-6).	82.5	ef	7.5	d	0.5	ef	75.0	d
14	Aliette 80WG 5 lb +Manzate 75DF 3 lb (1-6).	56.3	bcd	6.0	abcd	2.6	e	46.0	bc
15	Ranman 3.6SC 0.17 pt +Manzate 75DF 3 lb (1-6).	63.8	cde	6.0	abcd	2.5	e	59.1	cd
16	Omega 4FL 1.5 pt +Manzate 75DF 3 lb (1-6).	82.5	ef	4.3	ab	0.7	ef	75.7	d
17	Bravo Weather Stik 6SC 1.5 pt (1-6).	92.5	f	8.3	d	0.4	ef	67.2	cd
18	Previcur Flex 6SC 1.2 pt +Bravo Weather Stik 6SC 1.5 pt (1,2,4,5) Tanos 50DF 0.5 lb +Manzate 75DF 3 lb (3,6).	41.3	ab	3.5	a	7.6	bc	25.1	ab

^zApplication sequence: 1=17 Aug; 2=22 Aug; 3=27 Aug; 4=1 Sep; 5=6 Sep; 6=12 Sep.

^ySporulation index based on 1 to 10 scale; 1=no sporulation, 10=dense sporulation.

^xCulls included misshapen fruit and those less than gherkin size.

^wColumn means with a letter in common are not significantly different (Fisher LSD; $P=0.05$).



Downy mildew trial on pickle. Six treatments were applied at 5-day intervals from 17 August to 12 September. Disease was rated on 30 August and 13 September, and yield was taken on 15 September. Bars with a letter in common are not significantly different.