

Table 1 Carrot and onion seed treatments used in glasshouse and field trials

Treatment	Primed	Fungicide			Insecticide		Used in trials		
		Carrot	Onion ^a	Carrot	Onion	Year 1 (2004) ^a	Year 2 (2005)	Year 3 (2006)	
1 Primed control	Yes	No	No	No	No	Glasshouse Field	Glasshouse Field	Field	
2 Primed <i>Pseudomonas fluorescens</i> CHA0	Yes	No	No	No	No	Glasshouse Field	Glasshouse Field	Field	
3 Primed <i>Pseudomonas chlororaphis</i> MA342	Yes	No	No	No	No	Glasshouse Field	Glasshouse Field	Field	
4 Primed <i>Clonostachys rosea</i> IK726 ^b	Yes	No	No	No	No	Glasshouse Field	Glasshouse Field	Field ^b	
5 Primed <i>Trichoderma harzianum</i> T22	Yes	No	No	No	No	Glasshouse Field	Glasshouse Field	Field	
6 Unprimed control	No	No	No	No	No	Glasshouse Field	Glasshouse Field	Field	
7 Primed control	Yes	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field	
8 Primed <i>Pseudomonas fluorescens</i> CHA0	Yes	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field	
9 Primed <i>Pseudomonas chlororaphis</i> MA342	Yes	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field	
10 Primed <i>Clonostachys rosea</i> IK726 ^b	Yes	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field ^b	
11 Primed <i>Trichoderma harzianum</i> T22	Yes	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field	
12 Unprimed control	No	Wakil XL	Hy-TL	Force ST	Force ST	Glasshouse Field	Glasshouse Field	Field	

^a In Year 1 only, the fungicide Apron 35 was also included in the pesticide-treated onion pellet

^b In Year 3, *C. rosea* IK726 was replaced by *Trichoderma viride* S17a in the onion field trial only