

Table 8. Effect of brassica cover crops on **bacterial disease and Botrytis neck rot** of onions grown in the muck soils in Elba, NY.

Field	Total bacterial bulb decay (% of bulbs)	Botrytis neck rot out of storage (% of bulbs)
Triple G Case Study (Yellow direct seeded onion; c.v. Hendrix): into storage Nov-19-2014; out of storage Mar-17-2015		
Brown/yellow mustard blend (c.v Caliente) 11 lb/A; optimally planted on Aug-20-2013; late planted on Aug-30-2013 (10 days). Incorporation: cover crops chopped, disked and culti-mulched on Oct-25-2016 when mustard was 2 feet tall with ~1% in bloom.		
Bare ground	2.4	
Late Planted Mustard	3.5	
Optimally Planted Mustard	4.9	
<i>P Value (α=0.05)</i>	<i>NS</i>	
Mortellaro Case Study (Yellow transplanted onion; c.v. Bradley): into storage Oct 29-2014; out of storage Feb-19-2015		
Brown/yellow mustard blend (c.v. Caliente) 12 lb/A; optimally planted on Aug-7-2013 and incorporated via chopping, plowing and rolling on Oct-23-2013 when mustard 5 feet tall with 70% in bloom; late planted on Sep 26-2013 (37 days late) and incorporated in the same manner on Oct-28-2013 when mustard was 4 feet tall with 30% bloom. Winter-killed late planted mustard was planted on Aug-27-2013 (7 days late). Forage radish (c.v Ecotill Buster) 8 lb/A was planted on Aug 30-2013 (10 days late).		
Incorporated Optimally Planted Mustard	3.2 ab ¹	12.4
Incorporated Late Planted Mustard	1.9 b	9.7
Winter-killed Late Planted Mustard	3.5 ab	10.1
Winter-killed Late Planted Forage Radish	5.3 a	6.5
<i>P Value (α=0.05)</i>	<i>0.0643</i>	<i>NS²</i>

¹Numbers in a column followed by the same letter are not significantly different, Fisher's Protected LSD test, p<0.05.

²NS: Not significant according to Fisher's Protected LSD test, p > 05.