

Table 1. Best candidate models explaining plant damage by *Delia antiqua* in commercial onion fields in New York, USA, in 2018 and 2019

Rank	Factors in model	df	$\Delta AICc$	Weight	R^2_m
2018					
Null	~1	2	13.9	<0.001	0.00
1	Forest * Planting Date + Soil Temperature	6	0.00	0.420	0.90
2	Forest * Planting Date + Soil Temperature + Organic Matter	7	1.53	0.196	0.94
3	Planting Date * Soil Temperature	5	2.42	0.125	0.84
4	Forest + Organic Matter	4	4.29	0.049	0.71
5	Forest + Organic Matter + Planting Date	5	4.31	0.049	0.79
6	Organic Matter + Planting Date * Soil Temperature	6	4.36	0.048	0.88
7	Forest + Planting Date * Soil Temperature	6	4.71	0.040	0.86
8	Organic Matter + Planting Date + Soil Temperature	5	4.88	0.037	0.77
9	Planting Date + Soil Temperature	4	4.88	0.037	0.68
2019					
Null	~1	2	2.45	0.153	0.00
1	Forest	3	0.00	0.616	0.39
2	PlantDate	3	0.95	0.384	0.34

Only showing $\Delta AICc < 5$