

**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	<b>Forest * Planting Date + Soil Temperature</b>	6	0.00	0.420	0.90
2	<b>Forest * Planting Date + Soil Temperature + Organic Matter</b>	7	1.53	0.196	0.94
3	<b>Planting Date * Soil Temperature</b>	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	<b>Forest</b>	3	0.00	0.616	0.39
2	<b>PlantDate</b>	3	0.95	0.384	0.34

Only showing  $\Delta AICc < 5$