Supplementary Table 1. Mean monthly percent soil moisture and cumulative precipitation (mm) for four sites in Nova Scotia with *Linaria vulgaris* where the biocontrol agent, *Rhinusa pilosa*, was released in 2016 (Bible Hill, Scotsburn and Antigonish) and 2017 (MacElmon) in Nova Scotia.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Site | April | May | June | July |
| 2016 | Bible Hilla | 14.4d (65.0)e | 23.0 (70.8) | 17.8 (61.1) | 17.5 (83.3) |
|  | Scotsburnb,g | 0.0 (76.1) | 0.3 (78.0) | 2.8 (38.0) | 1.3 (68.0) |
|  | Antigonishc | 33.7 (122.4) | 33.8 (106.0) | 25.5 (59.5) | 12.8 (97.6) |
|  |  |  |  |  |  |
| 2017 | Bible Hill | 30.3 (31.7) | 38.7 (135.0) | 51.7 (62.0) | 15.2 (66.1) |
|  | Scotsburn | 13.7 (40.9) | 26.4 (84.0) | 37.9 (44.6) | 39.4 (31.2) |
|  | Antigonish | 25.1 (51.7) | 22.3 (138.9) | 15.6 (72.1) | 8.6 (79.7) |
|  | MacElmona | 14.5 (31.7) | 22.8 (135.0) | 21.8 (62.0) | 21.5 (66.1) |
|  |  |  |  |  |  |
| 2018 | Bible Hill | 33.7 (104.0) | 24.9 (93.9) | 18.9 (175.7) | 14.1 (47.4) |
|  | Scotsburnf | --- (90.6) | --- (76.7) | --- (110.7) | --- (63.5) |
|  | Antigonish | 35.0 (183.4) | 26.8 (65.7) | 20.6 (145.0) | 8.4 (50.4) |
|  | MacElmon | 22.7 (104.0) | 26.2 (93.9) | 30.4 (175.7) | 23.9 (47.4) |

aprecipitation from Environment Canada weather station located in Debert, NovaScotia
bprecipitation from Environment Canada weather station located at Cariboo Point, Nova Scotia
cprecipitation from Environment Canada weather station located at Collegeville, Nova Scotia

dMean percent soil moisture

eCumulative precipitation (mm)

fas there were no galls found at this site in 2017 the data logger was removed hence no soil moisture data is available for 2018

gthe soil at this site appeared to drain rapidly and dry out quickly, despite the rainfall amounts in the area. Plants showed signs of drought in 2016 and 2017. It is not inconceivable that a gap between the soil and the sensor occurred preventing accurate readings from being acquired in April of 2016.