**Supplementary material**

**Table S1.** Deciduous tree species from which branches were collected in 2018 and 2019, in the different treated sites in New Brunswick. All species listed were collected in the control, Btk and tebufenozide sites.

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| Family | Species |
| Pinaceae | Balsam fir (*Abies balsamea* (L.) Mill.) |
|  | White spruce (*Picea glauca* (Moench) Voss |
|  | Black spruce (*Picea mariana* (Mill.)) |
| Betulaceae | White birch (*Betula papyrifera* Marsh.) |
| Sapindaceae | Sugar maple (*Acer saccharum* Marsh.) |
|  | Red maple (*Acer rubrum* L.) |
|  | Striped maple (*Acer pensylvanicum* L.) |
| Salicaceae | Quaking aspen (*Populus tremuloides* Michx.) |
|  | Largetooth aspen *(Populus grandidentata* Michx.) |
|  | Willow (*Salix* spp Linnaeus) |
| Rosaceae | Mountain ash (*Sorbus Americana* Marsh.) |
|  | Black cherry (*Prunus serotina* Ehrh.) |
|  | Amelanchier (*Amelanchier* spp. Medikus) |