**Appendix A**

**Figure legends**

**Figure S1.** Region-specific patterns in field-level *P. manihoti* pest pressure (expressed as total number of mealybugs per 50 plants; Log10-transformed) and *A. lopezi* parasitism, as recorded at 110 different sites during the 2014-2017 dry season. Local parasitism rates are contrasted with established thresholds for successful biological control (Hawkins & Cornell 1994) (i.e., maxima of 33-36% for parasitoids in exotic locations), as depicted by the red box.

**Figure S2.** Temporal fluctuations in domestic (Thai Baht/kg) and export price (US$ FOB Bangkok) of cassava starch over a 2008-2016 period, covering the late 2008 *P. manihoti* invasion, the Nov. 2009 introduction of *A. lopezi* and subsequent region-wide distribution of the parasitoid (over 2010-2014). Data sourced from Thai Tapioca Starch Association *(http://www.thaitapiocastarch.org*).



**Figure S1.**



**Figure S2.**