**Air Potato (*Dioscorea bulbifera*)**

**Brief history of occurrence in NATL**

Air Potato was first reported in NATL in 1995 by the [Cooperative Florula Project](http://natl.ifas.ufl.edu/1995lists.htm). Its occurrence in gridblock E7 was noted in 2000 and 2003 in Dan Ward’s [Plant Inventory](http://natl.ifas.ufl.edu/WardLists.htm). When NATL-east was added to NATL, its presence there was recorded in the 2005 [Floristic Inventory](http://natl.ifas.ufl.edu/NATLe_flora.pdf) of NATL-east. Spraying with glyphosate has almost, but not quite, eliminated it from NATL. Air Potato is classified as a Category I invasive in [FLEPPC’s 2011 List](http://www.fleppc.org/list/11list.html).

**Ethan’s synopsis of sites mapped and treatments applied**

A site discovered and treated before May 2011 from which the species was eradicated is referred to as a **legacy site** and is indicated on the species’ map by a triangle. If the species was not eradicated from the site, the site is an **old active site**, has been regularly monitored since then, and is indicated on the map by an open circle. A site that was discovered after May 2011 is a **new active site** and is indicated on the map with a filled circle.

**Inactive Sites (legacy)**

1. There is a legacy site just north if gridpoint E8 in se corner of sPAP and sw corner of PAH; along the south end of the fire lane before the two. Live plants were last found here in August 2010.
2. Just East of CCW near J12 along the fence that borders the CCW air potato plants were last found in August 2010.
3. Just north of Classic Carwash on both sides of South Trail there is a patch dating back to June 2010 in the excel spreadsheets. Last known plants were found in August 2010.

**Old Active Sites**

1. In NATL East, on the East side of the fence ~between Grid Lines 9-10, on medical building side there is an extremely large patch, we have permission to spray. Area is first recorded back in June 2010 as having air potato plants. In September 2011 EC and TW found and sprayed perhaps 5 plants (with 2% glyphosate) on NATL side of fence, and finished spraying the 3 gallon backpack on the plants closest to the fence located on the medical building side.

\*\*If eradication is desired for the area on the medical building side it will take a while because of how large the infestation is, and also require a lot of herbicide. We currently only spray what is invading onto NATL East and what is near the fence.

**New Active Sites (Current)**

1. Between Phillips Center and DPI in the area controlled by FMNH growing along fence line is a medium patch first brought to TW’s attention in May 2011. EC sprayed 10+ plants with 2% glyphosate (they were just starting to sprout for the year,) returned in September 2011 for follow up and the number of plants had grown rapidly. TW said to hold off spraying area again.
2. Just north of gridpoint F8 several plants were found and sprayed (with 2% glyphosate) in July 2011 along Division Trail. Follow up spraying occurred in September 2011 and all living plants were sprayed with 2.5% glyphosate.

**Current herbicidal control used in NATL**

Spray 2% glyphosate on all foliage. Details of formulation are at [Treatment Mixes](http://natl.ifas.ufl.edu/NATLmixes.htm).