

# USFS Gypsy Moth Suppression Project Summary 2015

## Ohio Department of Agriculture (Cooperative)

**Proposed Acres:** 803 630 ac Gypchek (NPV) (double app), 173 ac Btk (double app)

**Treated Acres** 803 630 ac Gypchek (NPV) (double app), 173 ac Btk (double app)

**Project Objectives:** 1. To prevent defoliation from exceeding 30% on 80% or more of host trees.  
2. To reduce populations below pre-treatment thresholds so that treatment would not be necessary the following year.

**Contractor(s):** Prime Air LLC, Leipsic, OH

**Aircraft:** Ag Cat 6164A  
Air Tractor AT400

**Formulation(s):** Gypchek .5 gal / acre 5x10<sup>11</sup>/ acre / application (double applic  
Foray 48B 24 BIU / acre / application (double appli

### Cost/acre (including application):

Prime Air LLC	\$65.98/acre	Foray 48B	Leipsic, OH
Prime Air LLC	\$42.56/acre	Gypchek	Leipsic, OH

**Federal Share:** \$20,900 One USFS FHP grant issued for Sup. & Erad. \$22,500

**State Share:** \$20,900

**Percent Acres Treated:** Private 100  
State 0  
Federal 0

**Percent Acres Treated Successfully:** 1. Suppression 93.8%  
Note: All blocks showed reduction in egg masses. One block was less than the 80% reduction goal. In that block (Lehman), post treatment egg masses were mainly confined to one tree in one of the five survey locations.

### 2015 Suppression Treatment Results:

County	BlockName	Acres	Product	Pre-Treat EMC/ac	Post-Treat EMC/ac	%Reduction
Lucas	Damasco-Big Sandy	132	Gypchek	988	97	90.2
Lucas	Oak Openings	498	Gypchek	488	7	98.6
Columbiana	Brown	70	Foray 48B	10,180	87	99.1
Stark	Nimisilla Park	53	Foray 48B	1,547	13	99.1
Defiance	Lehman	50	Foray 48B	480	144	70.0

**Number of Landowners Treated:** 0

**Number of Communities Treated:** 0

**Defoliated Area:** 0

**Acres to be Retreated:**