USFS Gypsy Moth Suppression Project Summary 2015

Ohio Department of Agriculture (Cooperative)

Proposed Acres:  803 ac Gypchek (NPV) (double app), 173 ac Btk (double app)
Treated Acres:  803 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 5x10¹¹/ acre / application (double applic
- Foray 48B 24 BIU / acre / application (double applic

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:  

Report generated from USFS State and Private Forestry Suppression Summary Database 3/10/2016