

USFS Gypsy Moth Suppression Project Summary 2016

Pennsylvania Bureau of Forestry (Cooperative)

Proposed Acres: 129,840

Treated Acres: 129,749

Project Objectives: 1. Gypsy moth suppression: to prevent defoliation from exceeding 30% on 80% or more of the highly favored host trees.
2. To not re-spray areas in 2017 that were treated in 2016

Contractor(s): Aerotech Inc
Bruce's Flying Service
AgriFlite Service Inc
Helicopter Applicators Inc

Aircraft: AT-802/N802DJ
AT-802/N802KD
AT-802/N9197F
Bell 205/N638HA
Bell 206 L1/N651HA
Bell OH-58/N653HA
Bell OH-58/N654HA
Thrush G10/N762BF

Formulation(s): Foray 76B 0.5 gallon/acre 38 BCLU/acre
Mimic 2LV 0.75 gallon/acre 6 fl oz AI/acre

Cost/acre (including application):

Aerotech Inc	\$36.30/acre	Foray 76B	State Forests/Parks, PA
AgriFlite Services Inc	\$21.30/acre	Mimic 2LV	State Forests
Bruce's Flying Service	\$36.30/acre	Foray 76B	State Forests/Parks, PA
Helicopter Applicators Inc	\$41.59/acre	Foray 76B	PrivResidential, State For

Federal Share: \$1,400,000

State Share: \$3,477,448

Percent Acres Treated: Private 11
State 89

Percent Acres Treated Successfully: 1.100%
2.100%

Number of Landowners Treated: 1,132

Number of Communities Treated: 81

Defoliated Area: 104,018

Acres to be Retreated: 0