USFS Gypsy Moth Suppression Project Summary 2008

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 92,289  71746 with Btk, 20543 with Dimilin
Treated Acres 99,222  78848 with Btk, 20374 with Dimilin

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

Contractor(s): Summit Helicopters, Inc
Maurice’s Flying Service

Aircraft:
- Bell 205
- Bell 205 A1
- Bell 206 L3
- Bell 206 L4
- Turbo Thrush

Formulation(s):
- Foray 48F 24 BIU/ac
- Dimilin 3/4 gal/ac at 0.25 oz/ai/ac

Cost/acre (including application):
- $29.63/acre Btk fixed
- $34.15/acre Btk rotor
- $29.63/acre Dimilin fixed
- $24.76/acre Dimilin rotor

Federal Share: $562,000
State Share: $3,370

Percent Acres Treated:
- Private 47
- State 52
- Federal 1

Percent Acres Treated Successfully:
1. Based on objective 1 listed above 95% with Dimilin and 98% with Btk.
2. Based on objective 2 listed above 79%.

Number of Landowners Treated: 0
Number of Communities Treated: 0
Defoliated Area: 19,295 (2803 acres in treated area)
Acres to be Retreated: 19084