USFS Gypsy Moth Suppression Project Summary 2007

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 65,035 (39,431 with Btk, 25,604 with Dimilin)
Treated Acres 50,172 (34,363 with Btk, 15,810 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.

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

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

Cost/acre (including application):
- Summit Helicopters, Inc. $23.60 Dimilin
- Summit Helicopters, Inc. $32.20 Foray 48F

Federal Share: $562,000
State Share: $1,824,223

Percent Acres Treated:
- Private 58
- State 41
- Federal 1

Percent Acres Treated Successfully:
1. 91% based on objective 1 listed above.
2. 63% based on objective 2 listed above.

Number of Landowners Treated: 0
Number of Communities Treated: 0

Defoliated Area: 68,460 (4,706 acres in treated area)

Acres to be Retreated: 34316