

# 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 Reduced 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 1/1 ac at 0.25 oz/ai/ac

**Cost/acre (including application):**

|            |         |       |
|------------|---------|-------|
| \$29.63/ac | Btk     | fixed |
| \$34.15/ac | Btk     | rotor |
| \$29.63/ac | Dimilin | fixed |
| \$24.76/ac | 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