

# USFS Gypsy Moth Suppression Project Summary 2007

## West Virginia Department of Agriculture (Cooperative)

**Proposed Acres:** 11,156 (1,944 ac btk, 9212 Dimilin)

**Treated Acres** 11,156 (1,944 ac btk, 9212 Dimilin)

**Project Objectives:** 1. To prevent defoliation from exceeding 20% or less on host trees.  
2. To reduce populations 80% with the use of Dimilin.

**Contractor(s):** Maurice's Flying Service

**Aircraft:** Ayres Thrush Turbo S2R-602

**Formulation(s):** Foray 48B 0.5 gal/ac @ 24 BIU/ac  
Dimilin 4L 0.5 gal/ac @ 0.5 oz/ai/ac

### Cost/acre (including application):

Maurice's Flying Service	\$17.16 ac	Dimilin 4L
Maurice's Flying Service	\$23.01 ac	Foray 48B

**Federal Share:** \$330,000

**State Share:** \$396,299

**Percent Acres Treated:** Private 100

**Percent Acres Treated Successfully:** 1. 94.7% (based on objective 1)  
2. 82.46% (based on objective 2)

**Number of Landowners Treated:** 3,068

**Number of Communities Treated:** 0

**Defoliated Area:** 77,910 (561 acres based on objective 1 above)

**Acres to be Retreated:** 1617 (based on objective 2 above)