

# USFS Gypsy Moth Suppression Project Summary 2007

## Virginia Department of Agriculture (Cooperative)

**Proposed Acres:** 12,625 (9,500 with Btk; 2,965 with Dimilin; 160 with Gypchek)

**Treated Acres** 12,580 (9,459 with Btk; 2,965 with Dimilin; 156 with Gypchek)

**Project Objectives:** 1. Foliage protection (defoliation less than 30%)  
2. Population reduction so that treatment will not be required in 2007.

**Contractor(s):** Provine Helicopter Service, Inc.  
Maurice's Flying Service  
Al's Aerial Spraying

**Aircraft:** Air Tractor 502  
Bell 206B  
Turbine Thrush

<b>Formulation(s):</b>	Foray 76B	0.3 gal/ac @ 25 BIU/ac
	Foray 76B	0.5 gal/ac @ 38 BIU/ac
	Dimilin	1.0 gal/ac @ 0.5 oz/ai/ac
	Gypchek	2 x 10(11) Obs/ac

### Cost/acre (including application):

Al's Aerial Spraying	\$29.38	Dimilin
Maurie's Flying Service	\$31.00	Dimilin
Maurie's Flying Service	\$42.48	Btk (38 BIU)
Maurie's Flying Service	\$36.64	Btk (25 BIU)
Provine Helicopter Service, Inc.	\$41.28	Gypchek
Provine Helicopter Service, Inc.	\$41.95	Btk
Provine Helicopter Service, Inc.	\$41.98	Btk

**Federal Share:** \$235,000

**State Share:** \$235,000

**Percent Acres Treated:** Private 100

**Percent Acres Treated Successfully:** 1. 85% had no defoliation greater than 30% (based on Objective 1).  
2. 78% will not require retreatment (based on Objective 2).

**Number of Landowners Treated:** 0

**Number of Communities Treated:** 0

**Defoliated Area:** 73,408 (1,855 acres received defoliation)

**Acres to be Retreated:** 2769