

# USFS Gypsy Moth Suppression Project Summary 2008

## Virginia Department of Agriculture (Cooperative)

**Proposed Acres:** 26,111 11827 with Btk; 14726 with Dimilin

**Treated Acres** 25,574 10848 acres with Btk, 14726 acres with Dimilin

**Project Objectives:** 1. Foliage protection (defoliation less than 30%)  
2. Population reduction so that treatment will not be required in 2009.

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

**Aircraft:** Air Tractor 402  
Air Tractor 502  
Bell 206B

<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

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

\$34.28/acre	Btk (25 BIU)	Lot #3 (fixed)
\$34.28/acre	Dimilin	Lot #3 (fixed)
\$17.27/acre	Dimilin	Lot #2 (fixed)
\$24.82/acre	Btk (25 BIU)	Lot #2 (fixed)
\$59.40/acre	Btk (38 BIU)	Lot #1 (rotor)

**Federal Share:** \$262,357

**State Share:** \$470,327

<b>Percent Acres Treated:</b>	Private	100
	State	0
	Federal	0

**Percent Acres Treated Successfully:** 1. 93% had no defoliation greater than 30% (based on objective 1)  
2. 94% will not require retreatment (based on objective 2)

**Number of Landowners Treated:** 0

**Number of Communities Treated:** 0

**Defoliated Area:** 112,340 (1855 acres in treatment blocks were defoliated)

**Acres to be Retreated:** 1478