

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

Formulation(s):

| | |
|-----------|---------------------------|
| 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