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.
- AI's Aerial Spraying

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

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

Cost/acre (including application):

<table>
<thead>
<tr>
<th>Formulation</th>
<th>Rate</th>
<th>Treatment</th>
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</thead>
<tbody>
<tr>
<td>Btk 25 BIU</td>
<td>$34.28/acre</td>
<td>Lot #3 (fixed)</td>
</tr>
<tr>
<td>Btk 38 BIU</td>
<td>$59.40/acre</td>
<td>Lot #1 (rotor)</td>
</tr>
<tr>
<td>Dimilin</td>
<td>$17.27/acre</td>
<td>Lot #2 (fixed)</td>
</tr>
<tr>
<td>Dimilin</td>
<td>$24.82/acre</td>
<td>Lot #2 (fixed)</td>
</tr>
</tbody>
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Federal Share: $262,357
State Share: $470,327

Percent Acres Treated:
- 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 acres
(1855 acres in treatment blocks were defoliated)

Acres to be Retreated: 1478