**USFS Gypsy Moth Suppression Project Summary 2002**

**Pennsylvania Bureau of Forestry (Cooperative)**

<table>
<thead>
<tr>
<th>Proposed Acres:</th>
<th>58,665  (26,126 ac. Btk at 27 BIU; 32,539 ac. Btk at 38 BIU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treated Acres:</td>
<td>58,641  (26,126 ac. Btk at 27 BIU; 32,515 ac. Btk at 38 BIU)</td>
</tr>
</tbody>
</table>

**Project Objectives:** Foliage Protection (to prevent defoliation from exceeding 30% on 80% of host trees)

**Contractor(s):** Aero Tech  
Ag Rotors

**Aircraft:**  
- Air Tractor 802  
- Bell 205  
- Bell 206  
- Bell OH58

**Formulation(s):**  
- Foray 76B  
  - 43 oz/ai @ 27 BIU/ac  
- Foray 76B  
  - 0.5 gal/ac @ 38 BIU/ac

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

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Cost/acre</th>
<th>Formulation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aero Tech</td>
<td>$8.59 ac</td>
<td>Foray 76B @ 27 BIU/ac</td>
<td>Contract 1</td>
</tr>
<tr>
<td>AgRotors, Inc.</td>
<td>$24.37 ac</td>
<td>Foray 76B @ 36 BIU/ac</td>
<td>Contract 2</td>
</tr>
</tbody>
</table>

**Federal Share:** $588,147  
**State Share:** $663,230

**Percent Acres Treated:**

- Federal: 0
- State: 62
- Private: 38

**Percent Acres Treated Successfully:** 1.97%

**Number of Landowners Treated:** 2,600

**Number of Communities Treated:** 0

**Defoliated Area:** 55,798 (1,559 acres in treatment blocks)

**Acres to be Retreated:** 0