**USFS Gypsy Moth Suppression Project Summary 2014**  
**West Virginia Department of Agriculture (Cooperative)**

**Proposed Acres:** 974 (677 acres Mimic; 297 acres Btk)  
**Treated Acres** 974 (677 acres Mimic; 297 acres Btk)

**Project Objectives:**  
1. Prevent defoliation in excess of 20%. The extent of foliage protection expected would depend on egg mass densities within the spray block. The extent of defoliation, if any, will be measured by aerial surveys or ground observation and population reduction will be measured by egg mass counts using 1/40-acre plots.  
2. We expect a reduction of gypsy moth egg masses (pre-treatment versus post-treatment egg mass counts) by 80% in the Mimic spray blocks.

**Contractor(s):** Summit Helicopters CMMM Inc

**Aircraft:** Bell 206-L4

**Formulation(s):**  
- Mimic 2LV  5 fluid oz/acre @ 0.75 gallons/acre  
- Foray 48B  0.5 gallon/acre @ 24 CLU

**Cost/acre (including application):**  
<table>
<thead>
<tr>
<th>Contractor/Helicopter</th>
<th>Mimic 2LV</th>
<th>Foray 48B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summit Helicopters CMMM Inc</td>
<td>$38.05/acre</td>
<td>$25.67/acre</td>
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**Federal Share:** $35,522  
**State Share:** $35,522

**Percent Acres Treated:**  
- Private  70  
- State  30  
- Federal  0

**Percent Acres Treated Successfully:**  
1. 100% (based on objective 1)  
2. 100% (based on objective 2)

**Number of Landowners Treated:** 0  
**Number of Communities Treated:** 0

**Defoliated Area:** 12,111  
**Acres to be Retreated:**

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*Report generated from USFS State and Private Forestry Suppression Summary Database 3/10/2016*