

# 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):** Mimc 2LV 5 fluid oz/acre @ 0.75 gallons/acre  
Foray 48B 0.5 gallon/acre @ 24 CLU

### Cost/acre (including application):

Summit Helicopters CMMM Inc	\$38.05/acre	Foray 48B
Summit Helicopters CMMM Inc	\$25.67/acre	Mimic 2LV

**Federal Share:** \$35,522

**State Share:** \$35,522

<b>Percent Acres Treated:</b> 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:**