

USFS Gypsy Moth Suppression Project Summary 2015

West Virginia Department of Agriculture (Cooperative)

Proposed Acres: 6,691 446 acres with BTK; 6,245 acres with Mimic

Treated Acres 6,691 446 acres with BTK; 6,245 acres with Mimic

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): Foray 48B 0.5 gallon/acre 24 CLU
Mimic 2LV 0.75 gallon/acre 5 fluid oz/acre

Cost/acre (including application):

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

Federal Share: \$189,000 (FFY 2015)

State Share: \$189,000 (FFY 2015)

Percent Acres Treated: Private 50
State 50
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: 99,878

Acres to be Retreated: 0