

USFS Gypsy Moth Suppression Project Summary 2017

West Virginia Department of Agriculture (Cooperative)

Proposed Acres: 2,921

Treated Acres 2,923

Project Objectives:

1. Prevent defoliation in excess of 30%. 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 Remote Sensing 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): C3M Inc. Summit Helicopters Inc.

Aircraft: Bell 206 L4

Formulation(s): Foray 48B 0.5 gal/acre 24 CLU
0.75 gal/acre 5 oz/acre

Cost/acre (including application):

Summit Helicopters Inc.	\$35.93/acre	Foray 48B	WV
Summit Helicopters Inc.	\$26.97/acre	Mimic	WV

Federal Share: \$93,632

State Share: \$174,463

Percent Acres Treated: Private 62
State 38

Percent Acres Treated Successfully: 1. 100%
2. 100%

Number of Landowners Treated: 318 in 14 blocks

Number of Communities Treated: 0

Defoliated Area: 15,031 acres statewide

Acres to be Retreated: 0