

USFS Gypsy Moth Suppression Project Summary 2018

West Virginia Department of Agriculture (Cooperative)

Proposed Acres: 5,298

Treated Acres: 5,300 676 acres Foray 48B, 4624 acres Mimic

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/acre)
Mimic 2LV	0.75 gal/acre	(5 fl 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: \$196,505

State Share: \$196,505 (total state and other dollars not just the match)

Percent Acres Treated:

Private	90
State	10

Percent Acres Treated Successfully:

1. 100%
2. 100%

Number of Landowners Treated: 34 in 18 blocks

Number of Communities Treated: 0

Defoliated Area: 7,001 10 acres defoliated in one block above #1 objective

Acres to be Retreated: 0