

USFS Gypsy Moth Suppression Project Summary 2016

West Virginia Department of Agriculture (Cooperative)

Proposed Acres: 12,171 1475 acres with Btk; 10,696 acres with Mimic

Treated Acres: 12,156 1460 acres with Btk; 10,696 acres with Mimic

Project Objectives: 1.Prevent defoliation in excess of 30%. Defoliation will be measured by Remote Sensing or ground observation
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, Inc

Aircraft: Bell 206-L4

Formulation(s): Foray 76B 0.33 gallons/acre 25.3 CLU
Mimic 2LV n total volume 0.75 gal/ac 1.2 oz

Cost/acre (including application):

Summit Helicopters	\$26.35/acre	Mimic 2LV	Statewide
Summit Helicopters	\$32.10/acre	Foray 76B	Statewide

Federal Share: \$235,850

State Share: \$443,300

Percent Acres Treated: Private 38
State 62

Percent Acres Treated Successfully: 1.98.6% (based on objective 1)
2.97% (based on objective 2)

Number of Landowners Treated: 54 (inj 40 blocks)

Number of Communities Treated: 0

Defoliated Area: 92,686 Statewide with 100 acres in 2 blocks

Acres to be Retreated: 43