

USFS Gypsy Moth Suppression Project Summary 2000

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 18,930 (6,462 ac. Btk; 12,468 ac. DFB)

Treated Acres 16,971 (7,314 ac. Btk; 9,657 ac. DFB)

Project Objectives: 1. Foliage protection (defoliation less than or equal to 30% on 90% of foliage)
2. Population reduction so that treatment will not be required in 2001 with DFB

Contractor(s): Helicopter Applicators
Air Enterprises

Aircraft: Bell 204
Bell 206
Bell Soloy
Piston Ag-Cat

Formulation(s): Thuricide 48LV 0.5 gal/ac @ 24 BIU/ac
Thuricide 48LV 96 oz/ac @ 36 BIU/ac
Dimilin 1 gal/ac @ .25 oz/ai/ac

Cost/acre (including application):

Air Enterprises	\$16.59 ac		Eastern Shore
Helicopter Applicators	\$18.49 ac	Dimilin	
Helicopter Applicators	\$20.48 ac	Thuricide 48LV	
Helicopter Applicators	\$31.21 ac	Thuricide 48LV	metro areas only

Federal Share: \$607,000

State Share: \$731,511

Percent Acres Treated: Federal 2
State 46
Private 52

Percent Acres Treated Successfully: 1. 96%
2. 79%

Number of Landowners Treated: 3,323

Number of Communities Treated: 500

Defoliated Area: 23,231 (647 acres in treatment blocks)

Acres to be Retreated: