

USFS Gypsy Moth Suppression Project Summary 2002

Virginia Department of Agriculture (Cooperative)

Proposed Acres: 63,537 (20,047 ac. with Btk, 43,490 ac. with Dimilin)

Treated Acres 62,201 (2,748 ac. Btk at 24 BIU; 17,107 ac. Btk at 38 BIU; 42,346 ac. DFB)

Project Objectives:

1. Foliage protection (defoliation less than 30%)
2. Population reduction so that treatment will not be required in 2003

Contractor(s): Helicopter Applicators
Maurice's Flying Service
Earl's Spray Service

Aircraft: Bell 204 UH1-E
Turbine Thrush

Formulation(s):

Foray 76B	0.5 gal/ac @ 38 BIU/ac
Foray 76B	43 oz/ac @ 24 BIU/ac
Dimilin	1 gal/ac @ .50 oz/ai/ac

Cost/acre (including application):

Earl's Spray Service	\$15.31 ac	Foray 76B at 38 BIU/ac	Contract 3
Earl's Spray Service	\$12.31 ac	Dimilin	Contract 3
Helicopter Applicators	\$37.32 ac	Foray 76B at 38 BIU/ac	Contract 1
Maurice's Flying Service	\$15.39 ac	Foray 76B at 38 BIU/ac	Contract 2
Maurice's Flying Service	\$12.28 ac	Foray 76B at 24 BIU/ac	Contract 2
Maurice's Flying Service	\$12.21 ac	Dimilin	Contract 2

Federal Share: \$599,444

State Share: \$690,578

Percent Acres Treated: Private 100

Percent Acres Treated Successfully: 1. 91%
2. 92%

Number of Landowners Treated: 7,346

Number of Communities Treated: 52

Defoliated Area: 51,846 (5431 acres in the treatment blocks)

Acres to be Retreated: 5,146