

USFS Gypsy Moth Suppression Project Summary 2002

Pennsylvania Bureau of Forestry (Cooperative)

Proposed Acres: 58,665 (26,126 ac. Btk at 27 BIU; 32,539 ac. Btk at 38 BIU)

Treated Acres 58,641 (26,126 ac. Btk at 27 BIU; 32,515 ac. Btk at 38 BIU)

Project Objectives: Foliage Protection (to prevent defoliation from exceeding 30% on 80% of host trees)

Contractor(s): Aero Tech
Ag Rotors

Aircraft: Air Tractor 802
Bell 205
Bell 206
Bell OH58

Formulation(s): Foray 76B 43 oz/ai @ 27 BIU/ac
Foray 76B 0.5 gal/ac @ 38 BIU/ac

Cost/acre (including application):

Aero Tech	\$8.59 ac	Foray 76B @ 27 BIU/ac	Contract 1
AgRotors, Inc.	\$24.37 ac	Foray 76B @ 36 BIU/ac	Contract 2

Federal Share: \$588,147

State Share: \$663,230

Percent Acres Treated:

Federal	0
State	62
Private	38

Percent Acres Treated Successfully: 1.97%

Number of Landowners Treated: 2,600

Number of Communities Treated: 0

Defoliated Area: 55,798 (1,559 acres in treatment blocks)

Acres to be Retreated: 0