

USFS Gypsy Moth Suppression Project Summary 2002

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 46,837 (22,896 ac. Btk; 23,941 ac. DFB)

Treated Acres 39,263 (21,213 ac. Btk; 18,050 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 2003 with DFB

Contractor(s): Helicopter Applicators
Evergreen Helicopters
Aero Tech
State Owned

Aircraft: Air Tractor 802
Bell 205
Bell 206
Bell 212
Bell 47 Soloy
Piper Aztec

Formulation(s):	Thiucide 48LV	0.5 gal/ac @ 24 BIU/ac
	Foray 48F	0.5 gal/ac @ 24 BIU/ac
	Foray 48F	96 oz/ac @ 36 BIU/ac
	Dimilin	1 gal/ac @ .25 oz/ai/ac
	Dimilin	1 gal/ac @ .32 oz/ai/ac

Cost/acre (including application):

Aero Tech	\$6.64 ac	Dimilin	Cecil County
Aero Tech	\$6.64 ac	Foray 48F	Cecil County
Evergreen Helicopters	\$21.90 ac	Thuricide 48LV	Central
Evergreen Helicopters	\$16.09 ac	Dimilin	Central
Helicopter Applicators	\$19.03 ac	Dimilin	Western
Helicopter Applicators	\$19.03 ac	Foray 48F	Western
Helicopter Applicators	\$31.72 ac	Dimilin	Southern metro
Helicopter Applicators	\$31.72 ac	Foray 48F	Southern metro

Federal Share: \$905,565

State Share: \$905,565

Percent Acres Treated: Federal 1 (Department of Interior)
State 19
Private 80

Percent Acres Treated Successfully: 1. 98%
2. 97%

Number of Landowners Treated: 15,254

Number of Communities Treated: 0

Defoliated Area: 13,739 (694 acres in treatment blocks)

Acres to be Retreated: 627