

USFS Gypsy Moth Suppression Project Summary 2002

New Jersey Department of Agriculture (Cooperative)

Proposed Acres: 24,000 (23,237 ac. single Btk; 763 ac. double Btk)

Treated Acres 23,444 (22,681 ac. single Btk; 763 ac. double Btk)

Project Objectives: 1. Foliage protection (to prevent defoliation from exceeding 30% on 80% of the host trees)
2. Population reduction so that treatment will not be required in 2003

Contractor(s): Downstown Aero Crop Service

Aircraft: Dromader
King Air
Radial AgCat

Formulation(s): Foray 48F 96 oz/ac @ 36 BIU/ac

Cost/acre (including application):

Downstown Aero Crop Service	\$20.42 ac	Foray 48F	Northern Contract
Downstown Aero Crop Service	\$17.96 ac	Foray 48F	Southern Contract

Federal Share: \$360,000

State Share: \$360,000

Percent Acres Treated: Private 100

Percent Acres Treated Successfully: 1. 84%
2. 94%

Number of Landowners Treated:

Number of Communities Treated: 34

Defoliated Area: 41,750 (3,370 acres defoliated in treatment blocks)

Acres to be Retreated: 1,434