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: