

USFS Gypsy Moth Suppression Project Summary 2000

Ohio Department of Agriculture (Cooperative)

Proposed Acres: 34,201 (7,125 ac single Btk; 26,763 ac. double Btk; 50 Ac. double Gypchek; 262 ac. DFB)

Treated Acres 35,250 (7,076 ac. single Btk; 27,862 ac. double Btk; 50 ac. double Gypchek; 262 ac. DFB)

Project Objectives: 1. Foliage protection (to prevent defoliation from exceeding 30% on 80% of host trees)
2. Population reduction so that treatment will not be required in 2001 with DFB

Contractor(s): Earl's Spray Service

Aircraft: Turbine AgCat
Turbine Thrush

Formulation(s): Thuricide 48LV 96 oz/ac @ 36 BIU/ac
Dimilin 1 gal/ac @ .25 oz/ai/ac
Gypchek 1 gal/ac @ 2 x 10 (11) Obs/ac

Cost/acre (including application):

Earl's Spray Service	\$13.62 ac	Gypchek
Earl's Spray Service	\$15.00 ac	Dimilin
Earl's Spray Service	\$13.62 ac	Thuricide 48LV

Federal Share: \$580,430

State Share: \$606,052

Percent Acres Treated: State 7
Private 93

Percent Acres Treated Successfully: 1. 97%
2. 62%

Number of Landowners Treated: 36,000

Number of Communities Treated: 35

Defoliated Area: 23,267 (200 acres within treatment blocks)

Acres to be Retreated: