Virginia Department of Agriculture (Cooperative)

**Proposed Acres:** 63,537 (20,047 ac. with Btk, 43,490 ac. with Dimilin)

**Treated Acres:** 62,201 (2,748 ac. Btk at 24 BIU; 17,107 ac. Btk at 38 BIU; 42,346 ac. DFB)

**Project Objectives:**
1. Foliage protection (defoliation less than 30%)
2. Population reduction so that treatment will not be required in 2003

**Contractor(s):**
- Helicopter Applicators
- Maurice’s Flying Service
- Earl’s Spray Service

**Aircraft:**
- Bell 204 UH1-E
- Turbine Thrush

**Formulation(s):**
- Foray 76B 0.5 gal/ac @ 38 BIU/ac
- Foray 76B 43 oz/ac @ 24 BIU/ac
- Dimilin 1 gal/ac @ 0.50 oz/ai/ac

**Cost/acre (including application):**

- **Earl’s Spray Service**
  - $15.31 ac Foray 76B at 38 BIU/ac Contract 3
  - $12.31 ac Dimilin Contract 3

- **Helicopter Applicators**
  - $37.32 ac Foray 76B at 38 BIU/ac Contract 1

- **Maurice’s Flying Service**
  - $15.39 ac Foray 76B at 38 BIU/ac Contract 2
  - $12.28 ac Foray 76B at 24 BIU/ac Contract 2

- **Maurice’s Flying Service**
  - $12.21 ac Dimilin Contract 2

**Federal Share:** $599,444

**State Share:** $690,578

**Percent Acres Treated:** Private 100

**Percent Acres Treated Successfully:** 1. 91%
- 2. 92%

**Number of Landowners Treated:** 7,346

**Number of Communities Treated:** 52

**Defoliated Area:** 51,846 (5431 acres in the treatment blocks)

**Acres to be Retreated:** 5,146