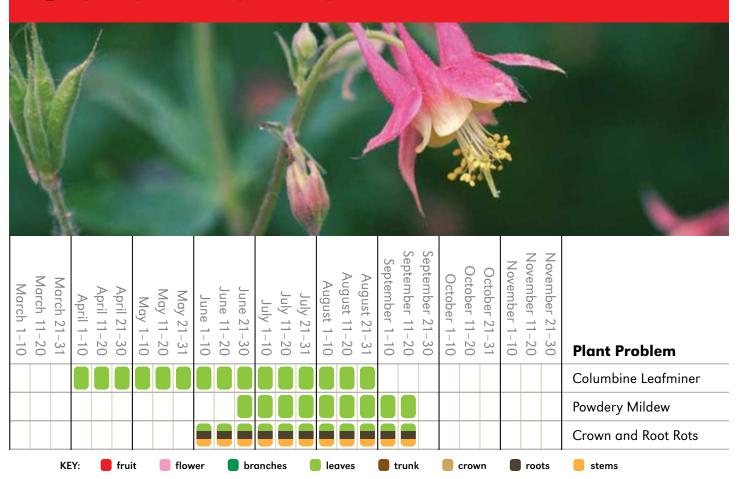
# **Columbine**



#### **Plant Problem**

### Signs/Symptoms

#### **Treatment**

#### Columbine Leafminer



Look for whitish blotches or serpentine mines on leaves beginning in April. Damage progresses through the season, as there are two generations of this fly pest. Flies are small and pale gray. In early spring, use contact insecticides against adult flies attempting to deposit eggs. Clip and destroy mined leaves. Use systemic insecticides when larvae are present and actively mining leaves. White sticky traps may capture adults and help with timing of sprays.

# **Columbine**

#### **Plant Problem**

## Signs/Symptoms

#### **Treatment**

#### Powdery Mildew



Leaves covered with a powdery white to gray-colored fungal growth (mycelium). New leaves distorted and stunted.

Sanitation. Improve air circulation. Avoid planting in shady areas in the landscape. Apply foliar fungicides at disease onset.

#### Crown and Root Rots



Plants stunted and yellow. Wilting. May appear to have nitrogen deficiency. Roots are brown to black and are rotted.

Sanitation. Improve soil drainage. Drench fungicide application.