

Autumn Flame Red Maple

Acer rubrum 'Autumn Flame'

Autumn Flame Red Maple



William H. Collins, Plant Materials Consultant



Henry D. Gerhold,
Penn State University



Keith Warren, J. Frank Schmidt & Son

Height: 45' to 55' (40' at age 30)

Width: 45' to 55' (40' at age 30)

Hardiness Zone: 4 to 8

Crown: broadly ovate, medium texture

Foliage: leaves smaller than the species, yellow to scarlet early in the fall

Flowers: male, pale red

Fruit: fruitless

Description: Selected as a seedling in Oregon for dependable, superior foliage color. Introduced in 1964. Growth rate is somewhat slower than other cultivars.

Advantages: Dependable early and brilliant fall color, ranging from chrome yellow to scarlet, conditioned by climatic conditions. It develops a good branch structure, and wounds close rapidly.

Limitations: Susceptible to oyster shell scale insects under nursery conditions. Species limitations also apply. Shallow root system with some surface roots. Somewhat chlorotic on calcareous soils. The thin bark is easily damaged. Occasional storm damage. Susceptible to *Verticillium* wilt and leafhoppers. May suffer from delayed graft incompatibility.

Site and Culture: Species information applies. Transplants readily, but avoid fall planting in northern zones. Adaptable over a wide range of climate and soils, from wet to dry, but requires acid soil. Tolerates partial shade. Choose cultivars for regional adaptation, especially for northern or southern extremes. Plants propagated on their own roots are preferred to avoid delayed graft incompatibility.

Pictures and Information:

© 1993 by The Pennsylvania State University

Municipal Tree Restoration Program, School of Forest Resources, Penn State University, University Park, PA 16802