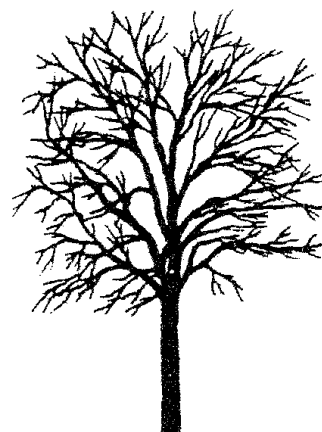
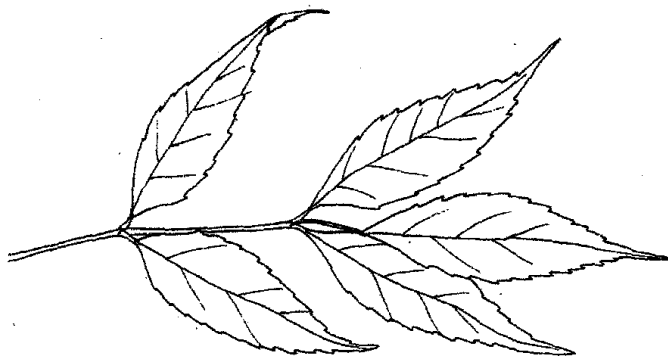


## Green Ash

## *Fraxinus pennsylvanica*



**GENERAL DESCRIPTION:** This is a very commonly planted street tree in the northeast and midwest because of its moderate size, pyramidal to upright spreading habit, attractive pinnately compound leaves and yellow fall leaf color. It is also adaptable to a variety of climatic and soil conditions and is heat and drought tolerant. There are several diseases and pests that can have a devastating effect on the green and white ash so that overplanting is not recommended. Also, unless one has a male form or a seedless form the samara fruits can be a nuisance. The bark is very attractive because of its diamond shaped ridges that are very uniform.

**HABIT AND SIZE:** 50-60' high and 25-30' wide. The form is loosely pyramidal when young becoming upright and spreading with maturity due to 3-5 main branches and many smaller branchlets. The shape of the crown is somewhat irregular and sometimes unattractive.

**LANDSCAPE VALUE:** A very adaptable tree of moderate size, lustrous green leaves and quite good yellow fall color. Somewhat course in form and susceptible to disease. Fast growing (2-3' per yr.). Certain cultivars preferred over seed grown trees to eliminate fruiting.

**LEAVES:** Opposite, pinnately compound with 5, 7 or 9 leaflets on short petiolules. The leaflet shape is ovate or oblong-lanceolate, taper pointed with margins that are entire or undulate (rarely toothed) and narrowed at the base. The petiolules of the middle and lower leaflets are winged. Leaf color is lustrous medium to dark green and the texture is a tawny or dull grayish pubescence on the lower leaf surface as well as on the rachises and petioles.

**FLOWERS:** Dioecious small green to reddish purple flowers lacking a corolla in large crowded panicles. Flowering occurs in April on old wood just beneath the new seasons growth, The calyx is 4 cleft and female flowers have a single 2 cleft stigma while males have 2 stamens.

**FRUIT:** A samara 1-2" long and 0.25" wide, winged 33% down the body, brown in color.

**BUD:** Dark rusty brown, woolly and set above the leaf scars which are straight across the top. Green ash buds are smaller and narrower than white ash.

**DISEASES AND INSECTS:** Borers and scale are important problems. See also *F. americana*

**HARDINESS AND RANGE:** Zones 3-9, Nova Scotia to Minn. south to Fla. and Tex.

**CULTIVARS:** 'Summit' has a central leader an excellent growth habit and good yellow fall color. 'Patmore' is a hardy male plant with upright branching and a uniform outline.