

Acer x freemanii AUTUMN BLAZE

Jeffersred Freeman's Maple



Acer x freemanii AUTUMN BLAZE (Freeman maple AUTUMN BLAZE, synonym: *Acer x freemanii* 'Jeffersred') is a controlled hybrid between *Acer rubrum* (red maple) and *Acer saccharinum* (silver maple). In addition to this trade name, the maple is known by the scientific name *Acer x freemanii* "Jeffersred" and was selected in the late 1960s by nursery owner Glenn Jeffers in Ohio, United States. The tree grows to a height of approximately twelve to seventeen metres and a width of nine to twelve metres. The crown is originally narrow and pyramidal, but develops fairly quickly into a broad oval to egg shape, with strongly upward-growing branches.

The foliage of *Acer x freemanii* AUTUMN BLAZE sprouts bronze-red in spring and has five distinct lobes. In summer, the leaves turn bright green with a silvery underside, and in autumn, the tree truly lives up to its name as the foliage changes spectacularly to orange-red to scarlet. The flowering is relatively inconspicuous: small, yellow-green flowers appear in clusters. After flowering, hardly any fruit is formed. The bark starts out light grey and smooth, but as the tree ages, it develops deeper grooves and a more brownish-grey colour. The reddish-brown twigs are sturdy and well-branched, contributing to a strong structure and better branch attachment than is the case with the silver maple.

Acer x freemanii AUTUMN BLAZE is ideal as an avenue or street tree, a solitary tree in parks and large gardens, particularly in locations where rapid growth and striking autumn colours are desired. The tree thrives in all soil types, but prefers moist, well-drained soil in a sunny to lightly shaded location. Once established, the Freeman maple AUTUMN BLAZE is highly resistant to urban conditions, heat and drought.

SEASONAL COLOURS



TYPES OF PLANTING

Tree types: standard trees, feathered trees, multi-stemmed trees, climate trees, shade trees | **Topiary on stem:** block, multi-stem umbrella

USE

Location: street, avenue, square, park, central reservation, in containers, roof garden, large garden, cemetery, traffic areas, industrial zones | **Pavement:** none, open, sealed | **Planting concepts:** Climate planting, urban planting

CHARACTERISTICS

Crown shape: wide egg-shaped | **Crown structure:** dense | **Height:** 12 - 17 m | **Width:** 9 - 12 m | **Winter hardiness zone:** 4A - 9B

ASPECTS

Wind: tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** moderately rich in nutrients, rich in nutrients | **Soil moisture level:** dry, moist, wet | **Light requirements:** sun, partial shade | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** bees, butterflies | **Extreme environments:** tolerant to dryness, tolerates air pollution, tolerates heat

PLANTKENMERKEN

Flowers: corymbose, discrete | **Flower colour:** yellow-green | **Flowering period:** March - April | **Leaf colour:** buds bronze, bright green, underside grey-green | **Leaves:** deciduous, palmate, thick, opposite, doubly serrate, lobate | **Autumn colour:** orange-red, scarlet | **Fruits:** rarely fruits, winged | **Fruit colour:** yellow-brown, green | **Bark colour:** grey-brown | **Bark:** furrowed | **Twig colour:** red-brown | **Twigs:** striped, with lenticels | **Root system:** deep, shallow, fine roots