



Malus toringo var. sargentii E-type



Malus toringo var. *sargentii* E-type (Sargent crab apple E-type) is a Swedish selection from Tomas Lagerström. The E in E-type comes from the municipality of Eskilstuna where the selection arose. This parent material yields very uniform plants and always on their own roots, thus preventing unwanted excess growth. Sargent crab apple E-type becomes a medium-sized shrub approximately one and a half to two metres tall with very consistent height development, densely branched with flattened spherical habit and broader than upright. Though the dense stems give it a more tree-like appearance than shrub.

Sargent crab apple E-type blooms right at the end of April and early May and produces an abundance of flowers even at an early age, with pure white, striking, fragrant blooms. The flower trusses are borne on long stems. Bees and butterflies love them! The oval, serrated and shiny leaf emerges green, and in mid-summer lobed, felty hawthorn-like leaves develop on one-year-old shoots and the autumn colour is a beautiful orange-yellow. The small, red crab apples which appear on the tree are eaten by birds, including thrushes. Sargent crab apple E-type has brown bark and erect branches which are slightly thorny. One-year-old shoots are brown-violet and felty.

Malus toringo var. *sargentii* E-type is not particular about soil and grows in the sun and partial shade. Fertile, well-drained soil is desirable for healthy trees. Amongst other things, the uniform and slow growth, healthy parent material and abundant blossom, fruit formation and lovely autumn colour make this tree a superb and robust type to plant in gardens and parks. On account of the low growth habit, *Malus toringo* var. *sargentii* E-type is good for using as underplanting in light shade where it forms a real eye-catcher. Although *Malus toringo* var. *sargentii* was introduced from a marshy area, in Western Europe the tree should be planted in a drier site because of the winters.

TYPES OF PLANTING

Tree types: multi-stemmed trees | **Topiary on stem:** multi-stem umbrella

USE

Location: street, avenue, square, park, central reservation, in containers, roof garden, large garden, small garden, patio, traffic areas, industrial zones, countryside, ecological zone | **Pavement:** none, open, sealed | **Planting concepts:** Eco planting, Landscape planting

CHARACTERISTICS

Crown shape: flattened spherical | **Crown structure:** semi-open | **Height:** 2 - 3.5 m | **Width:** 4 - 5 m | **Winter hardiness zone:** 5A - 8B

ASPECTS

Wind: tolerant to wind, slightly tolerant to coastal wind | **Soil:** loess, sabulous clay, heavy clay, light clay, sand, loamy soil | **Nutrient level:** rich in nutrients | **Soil moisture level:** moist | **Light requirements:** sun | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** bees, butterflies, birds, small mammals | **Extreme environments:** tolerates air pollution

PLANTKENMERKEN

Flowers: striking, singular, flower-scented | **Flower colour:** white | **Flowering period:** April - May | **Leaf colour:** green | **Leaves:** deciduous, ovoid, polished, serrate, lobate | **Autumn colour:** yellow | **Fruits:** striking, small, crabapple/ornamental apple | **Fruit colour:** red | **Bark colour:** brown | **Bark:** smooth, later on rough | **Twig colour:** brown-violet | **Twigs:** hairy, bare, with lenticels | **Root system:** deep, shallow, extensive, slightly branched

