



SOUTH NATION
CONSERVATION
DE LA NATION SUD

White Pine (*Pinus strobus*) 4+0

Type

Coniferous tree

Size and Shape

Large-size trees, up to **30m high** and **100 cm. in diameter**. The crown can spread up to **7 m. in diameter**. This specie should to planted at a **minimal distance of 6.5 m. of utility wires**.

Longevity of 200 years old; occasionally larger and older.

Young trees have a conical shape with regular whorls.

At maturity, the white pine has an irregular shape with very long and very short branches. In the forest, the trunk is stripped of branches for the first 2/3 and the crown is conical. In an open environment, the trunk can be completely covered with branches unless it is pruned.

Edible Specie?

No

Distribution and Habitat

General distribution in deciduous and mixed forest. Found in a wide variety of habitats, such as dry sandy soils, rocky slopes and sphagnum bog. Best growth on wet sandy loam. Normally mixed with other species. Grows quickly. Grows in full sun, but seedlings are semi-shade tolerant. Can survive under cover for 20 years, until they reach a gap where they can grow freely.

Wildlife

Food source for red squirrels, birds, and other small mammals. Raccoons utilize the big crouches for napping.



White Pine

Light Exposure

Full sun (6 hrs direct light daily),
Partial sun/shade (4-6 hrs light daily)

Soil Preference

Very variable, from sand to clay.

Drought Conditions

Moderate

Poor Drainage

Intolerant

Salt Tolerance

Intolerant.

Disease, Pests and Problems

Strongly affected by the white pine weevil. The insect kills the terminal shoot, resulting in the deformation of the trunk since the lateral branches take over from the dead arrow. This can be corrected with pruning. Shaded trees are less likely to be affected by the weevil. In addition, white pine is affected by blister rust. Can be controlled by pruning the lower branches and eliminating currants, currants and black currants. Prune the affected branches.

Rural Uses

Reforestation and timber plantations. Can grow 0.5-1.0 m/yr once established. Grows well with Red Pine, maple, ash and beech.

Urban Uses

Prune for landscaping purposes; sensitive to salt and air pollutants.