



Yellow birch

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **15 m**



Tolerance to the following elements

De-icing salt : **medium**

Soil compaction : **low**

Flooding : **medium to low**

Drought : **low**

Diseases : **low sensibility**

Insects : **medium sensibility**

Keep track of : **Bronze birch borer, Birch leafminer**

Fruit production

- One tree is enough to produce fruits
- Production starts from the age of 30

Root system

Superficial

Growth rate

Medium

Features of interest or particularity

- Decorative bark
- Shoots taste like « Paparmane »
- Attracts wildlife
- Québec's arboreal emblem

Where to plant it?

Hardiness zone : **3 b**

Soil fertility : **high**

Light requirements :



Soil type



Soil humidity : **high**

Safe planting distance from buildings and power lines : **12,5 m**

In autumn

Leaves color : **yellow**

Leaves fall during autumn

Flowers

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Leaves

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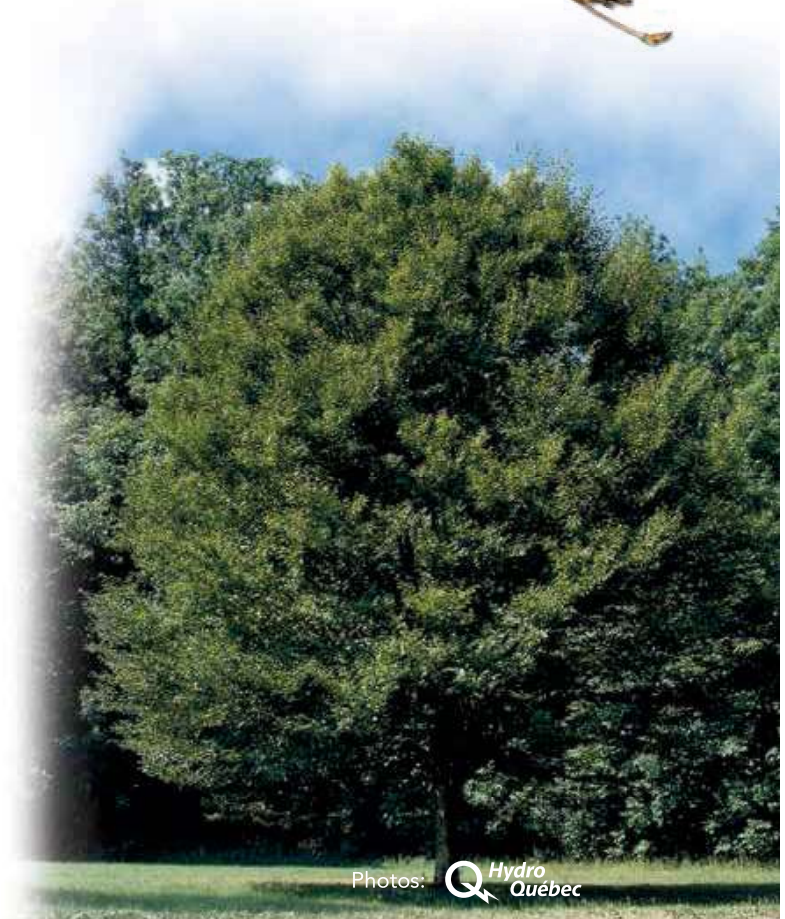
Bark

••••



Fruits

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Sugar maple

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **15 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **low**

Flooding : **very low**

Drought : **low**

Diseases : **few issues**

Insects : **low sensibility**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 25

Root system

Superficial

Growth rate

Slow

Features of interest or particularity

- Maple syrup
- Edible fruits

Flowers



Leaves



Bark



Fruits



Where to plant it?

Hardiness zone : **4 a**

Soil fertility : **high**

Light requirements :



Soil type



Soil humidity : **medium to high, but ideally medium**

Safe planting distance from buildings and power lines : **13,5 m**

In autumn

Leaves color : **yellow, with shades of orange, to red**

Leaves fall during autumn





White spruce

Tree's characteristics

Size at maturity

Height : **22 m**

Spread : **10 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **medium**

Flooding : **low to medium**

Drought : **low to medium**

Diseases : **low sensibility**

Insects : **medium sensibility**

Keep track of : **Spruce**

budworm, Eastern spruce

gall adelgid

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 30

Root system

Superficial

Growth rate

Medium

Features of interest or particularity

- Edible young shoot
- Good for windbreak
- Attracts wildlife
- Spruce beer

Where to plant it?

Hardiness zone : **1 a**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines : **6,5 m**

In autumn

About 10 % of needles fall during autumn

Flowers



Leaves



Bark



Fruits





Norway spruce

Tree's characteristics

Size at maturity

Height : **25 m**

Spread : **10 m**



Tolerance to the following elements

De-icing salt : **medium**

Soil compaction : **low**

Flooding : **high**

Drought : **low to medium**

Diseases : **few issues**

Insects : **few issues**

Fruit production

- One tree is enough to produce fruits

- Production can start from age 10 to 15

Root system

Superficial

Growth rate

Fast

Features of interest or particularity

- Good for windbreak

- Attracts wildlife

- Fastest growing spruce

Where to plant it?

Hardiness zone : **2 b**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **high**

Safe planting distance from buildings and power lines : **7 m**

In autumn

About 10 % of needles fall during autumn

Flowers



Leaves



Fruits





White spruce

Tree's characteristics

Size at maturity

Hauteur : **20 m**

Largeur : **7 m**



Tolerance to the following elements

De-icing salt : **very low**

Soil compaction : **low**

Flooding : **low to medium**

Drought : **low**

Diseases : **high sensibility**

Keep track of : **white pine blister rust**

Insects : **low sensibility**

Keep track of : **White pine weevil**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 20

Root system

Superficial

Growth rate

Fast

Features of interest or particularity

- Edible needles, male cone and pollen

- Attracts wildlife

Where to plant it?

Hardiness zone : **2 b**

Soil Fertility : **medium**

Light requirements :



Soil type

Sand

Clay



Soil humidity : **medium**

Safe planting distance from buildings and power lines :

6,5 m

Avoid planting near gooseberries and currants (*Ribes* species)

In autumn

About 30 % of needles fall during autumn

Leaves

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Bark

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Fruits

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Made by



Association forestière
du sud du Québec

Photos : Hydro
Québec



Red pine

Tree's characteristics

Size at maturity

Height : **24 m**

Spread : **12 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **low**

Flooding : **very low**

Drought : **very high**

Diseases : **high sensibility**

Keep track of : **Scleroderris canker**

Insects : **low sensibility**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 25

Root system

Deep

Growth rate

Medium

Features of interest or particularity

- Edible needles, male cone and pollen

- Attracts wildlife

Where to plant it?

Hardiness zone : **2 b**

Soil fertility : **low to medium**

Light requirements :



Soil type



Soil humidity : **low**

Safe planting distance from buildings and power lines : **9 m**

In autumn

About 30 % of needles fall during autumn

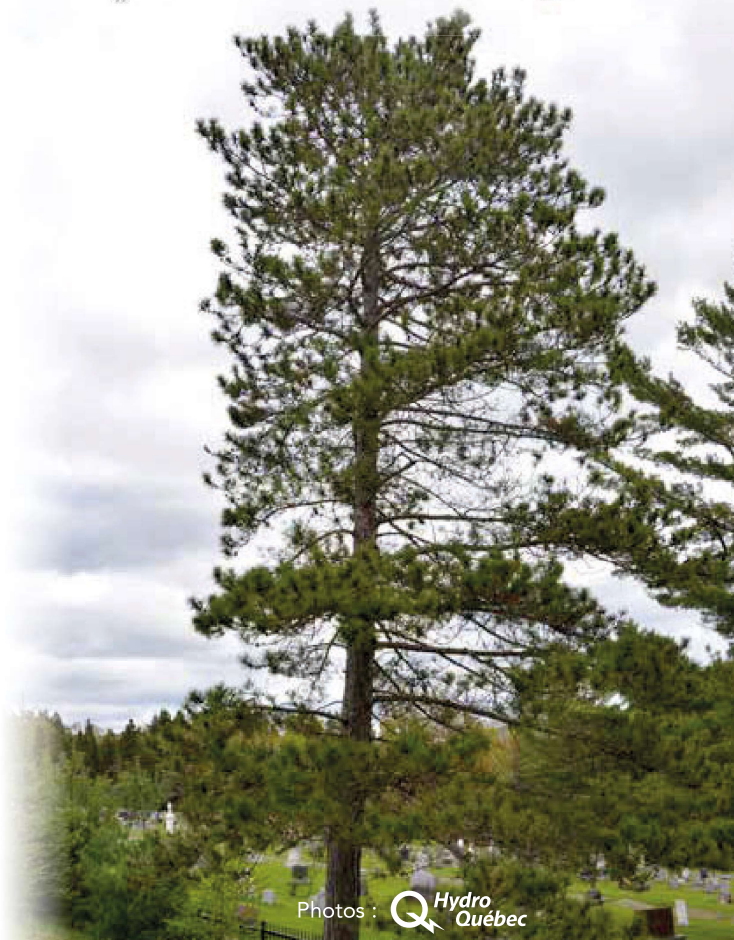
Flowers



Leaves



Fruits



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Photos : Hydro Québec