



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



Leaves



Bark



Fruits



Bitternut hickory

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **10 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **medium**

Flooding : **medium to low**

Drought : **high**

Diseases : **few issues**

Insectes : **few issues**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 30

Root system

Deep

Growth rate

Medium to low

Features of interest or particularity

- Decorative fruits
- Edible but very bitter fruit
- Slightly attracts wildlife

Where to plant it?

Hardiness Zone : **4 a**

Soil fertility : **high**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines :

11,5 m

Likes to be protected from the wind

In autumn

Leaves color : **yellow, with shades of green**

Leaves fall during autumn

Flowers

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Leaves

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Bark

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Fruits

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Black cherry

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **10 m**



Tolerance to the following elements

De-icing salt : **high**

Soil compaction : **low**

Flooding : **very low**

Drought : **high**

Diseases : **low sensibility**

Keep track of : **Black knot**

Insects : **few issues**

Features of interest or particularity

- Fragrant white flowers

- Edible fruits of interest to birds

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 10

Root system

Deep

Growth rate

Medium

Flowers



Leaves



Bark



Fruits



Where to plant it?

Hardiness zone : **2 b**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **medium**

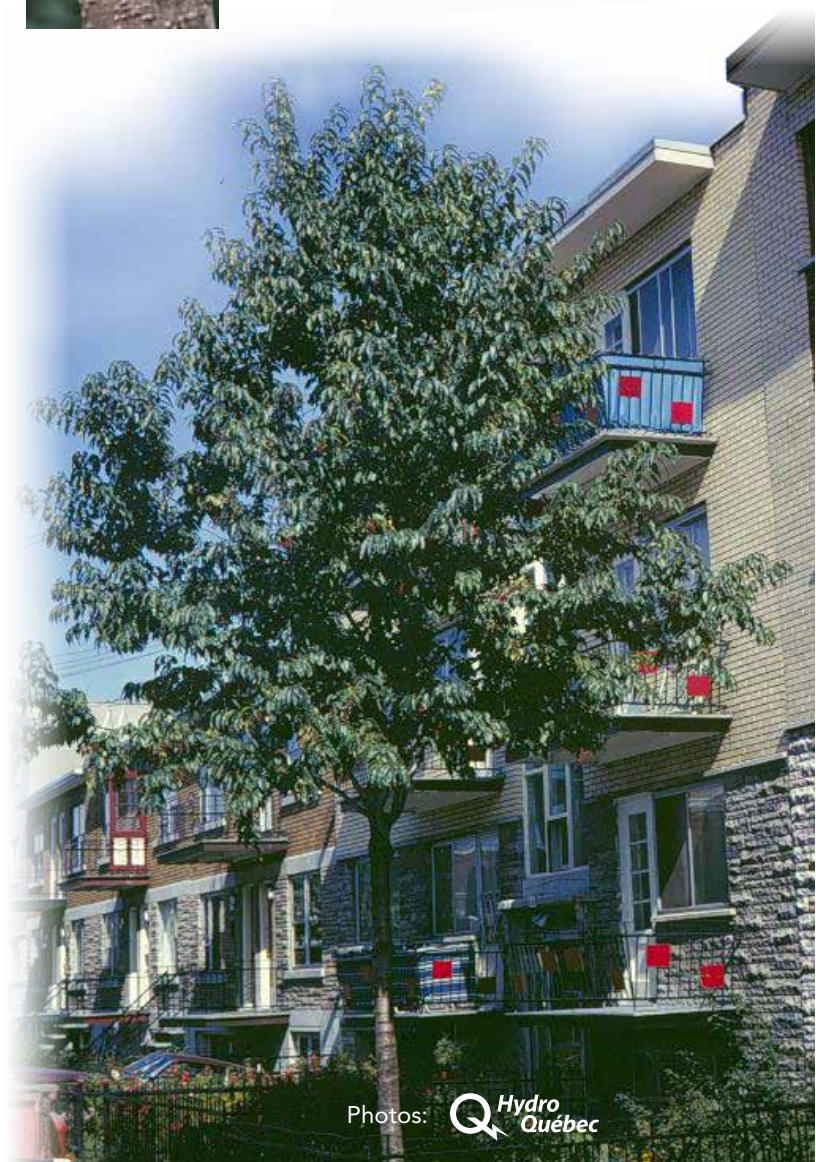
Safe planting distance from buildings and power lines : **10 m**

Like to be protected from the wind

In autumn

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

Leaves fall during autumn





Bur oak

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **20 m**



Tolerance to the following elements

De-icing salt : **medium**

Soil compaction : **medium**

Flooding : **medium**

Drought: **very high**

Diseases : **few issues**

Insects : **few issues**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 35

Root system

Deep

Features of interest or particularity

- Edible fruits that attracts wildlife

- Good for windbreak

Growth rate

Slow

Where to plant it?

Hardiness zone : **2 b**

Soil fertility : **high**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines :

12,5 m

In autumn

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

Leaves fall during autumn but some may persist during winter

Flowers

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Bark

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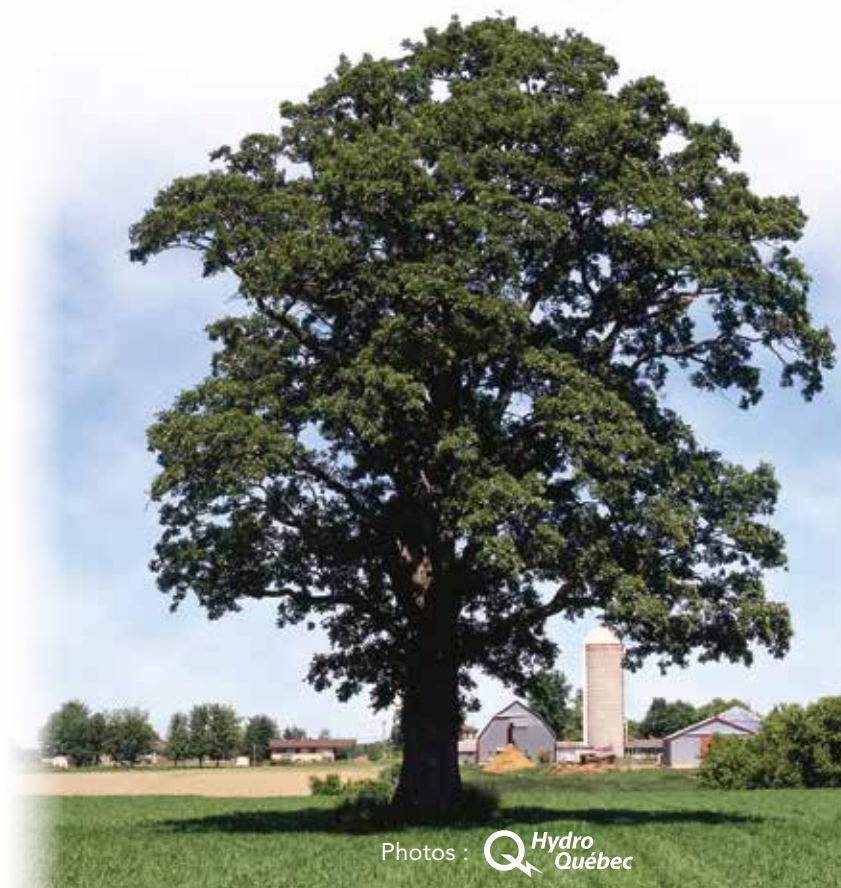
Leaves

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Fruits

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Red oak

Tree's characteristics

Size at maturity

Height : **24 m**

Spread : **24 m**



Tolerance to the following elements

De-icing Salt : **high**

Soil compaction : **high**

Flooding : **very low**

Drought : **medium to high**

Diseases : **few issues**

Keep track of : **Anthraxnose**

Insects : **few issues**

Features of interest or particularity

- Edible but bitter fruit (tannins are water-soluble)
- Fruits attracts wildlife
- Good for windbreaks

Fruit production

- One tree is enough to produce fruits
- Production starts from the age of 25

Root system

Deep

Growth rate

Medium to fast

Flowers



Leaves



Bark



Fruits



Where to plant it?

Hardiness zone : **3**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines :

14,5 m

In autumn

Leaves color : **red**

Leaves fall during autumn, but some may stay during winter



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

Features of interest or particularity

- Maple syrup

- Edible fruits

Growth rate

Slow

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

Flowers



Leaves



Bark



Fruits





Red maple

Tree's characteristics

Size at maturity

Hauteur : **20 m**

Largeur : **15 m**



Tolerance to the following elements

De-icing salt : **very low**

Soil compaction : **high**

Flooding : **medium**

Drought : **medium**

Diseases : **few issues**

Insects : **few issues**

Fruit production

- Sometimes two trees are needed to produce fruits
- Production can start from age 4 to 10

Root system

Superficial

Features of interest or particularity

- Maple syrup
- Edible fruits
- Reddish twig, flower and fruit

Growth rate

Medium

Where to plant it?

Hardiness zone : **3 a**

Soil fertility : **low**

Light requirements :



Soil type



Soil humidity : **high**

Safe planting distance from buildings and power lines : **10 m**

In autumn

Leaves color : **bright red, orange or yellow**

Leaves fall during autumn

Flowers



Leaves



Bark



Fruits



Autumn colors





Black walnut

Tree's characteristics

Size at maturity

Height : **25 m**

Spread : **20 m**



Tolerance to the following elements

De-icing salt : **medium**

Soil compaction : **medium**

Flooding : **medium**

Drought : **medium**

Diseases : **few issues**

Resistant to Butternut canker

Insects : **few issues**

Features of interest or particularity

- Edible fruits
- Attracts wildlife
- Roots produce a toxic compound, which stunts the growth of neighbouring plants

Fruit production

- One tree is enough to produce fruits
- Production starts from the age of 12

Root system

Deep

Growth rate

Medium

Flowers

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Leaves

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Bark

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Fruits

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Where to plant it?

Hardiness zone : **4 b**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **medium**

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

In autumn

Leaves color : **green**

Leaves fall during autumn

Made by



Association forestière
du sud du Québec

Photos :



American Linden basswood

Tree's characteristics

Size at maturity

Height : **23 m**

Spread : **17 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **low**

Flooding : **very low**

Drought : **low**

Diseases : **low sensibility**

Insects : **low sensibility**

Keep track of : **Linden borer**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 10

Root system

Deep

Growth rate

Fast

Features of interest or particularity

- Very fragrant flower

- Melliferous flower

- Attracts wildlife

- Edible leaf and bract

- Decorative tree

Where to plant it?

Hardiness zone : **3 a**

Soil fertility : **medium to high**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines : **11 m**

In autumn

Leaves color : **yellow, with shades of green**

Leaves fall during autumn

Leaves

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Flowers

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Fruits

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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



Black spruce

Tree's characteristics

Size at maturity

Height : **12 m**

Spread : **5 m**



Tolerance to the following elements

De-icing salt : **low**

Compaction soil : **high**

Flooding : **medium**

Drought : **low to medium**

Diseases : **few issues**

Insects : **low sensibility**

Keep track of : **Spruce budworm, White pine weevil**

Fruit production

- One tree is enough to produce fruits

- Production starts from the age of 10

Root system

Superficial

Growth rate

Slow

Features of interest or particularity

- Edible resin, young shoot and needles
- Attracts wildlife
- Spruce beer

Where to plant it?

Hardiness zone : **1 a**

Soil fertility : **low**

Light requirements :



Soil type



Soil humidity : **high**

Safe planting distance from buildings and power lines : **3 m**

In autumn

About 10 % of needles fall during autumn

Flowers

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Leaves

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Fruits

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Red spruce

Tree's characteristics

Size at maturity

Height : **23 m**

Spread : **9 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **unknown**

Flooding : **medium**

Drought : **medium**

Diseases : **low sensibility**

Insects : **medium sensibility**

Keep track of : **Spruce budworm**

Fruit production

- One tree is enough to produce fruits

- Production can start from age 30 to 40

Root system

Very superficial

Growth rate

Medium

Features of interest or particularity

- Edible young shoots
- Attracts wildlife
- Fastest growing spruce

Where to plant it?

Hardiness zone : **2 a**

Soil fertility : **low**

Light requirements :



Soil type



Soil humidity : **medium**

Safe planting distance from buildings and power lines : **8 m**

In autumn

About 10 % of needles fall during autumn

Leaves



Bark



Fruits



Eastern larch

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **10 m**



Tolerance to the following elements

De-icing salt : **high**

Soil compaction : **high**

Flooding : **very high**

Drought : **low to medium**

Diseases : **few issues**

Keep track of : **rusts**

Insects : **few issues**

Features of interest or particularity

- Edible resin and needles
- Attracts wildlife
- Alcohol from cones

Fruit production

- One tree is enough to produce fruits
- Production starts from the age of 10

Root system

Superficial

Growth rate

Medium

Flowers



Fruits



Leaves



Where to plant it?

Hardiness zone : **1 a**

Soil fertility : **low**

Light requirements :



Soil type

Sand

Clay



Soil humidity : **medium to high**

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

In autumn

Needles color : **yellow**

Needles fall during autumn

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Photos : Hydro
Québec



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



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



Bark



Fruits



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



Balsam fir

Tree's characteristics

Size at maturity

Height : **20 m**

Spread : **7 m**



Tolerance to the following elements

De-icing salt : **low**

Soil compaction : **high**

Flooding : **low**

Drought : **low**

Diseases : **few issues**

Insects : **medium to high**

sensibility

Keep track of : **Spruce budworm, Balsam woolly adelgid**

Fruit production

- One tree is enough to produce fruits

- Production can start from age 20 to 30

Root system

Superficial

Growth rate

Slow

Features of interest or particularity

- Christmas tree
- Edible resin, young shoots and needles

Where to plant it?

Hardiness zone : **1 a**

Soil fertility : **medium**

Light requirements :



Soil type



Soil humidity : **medium to high**

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

Flowers



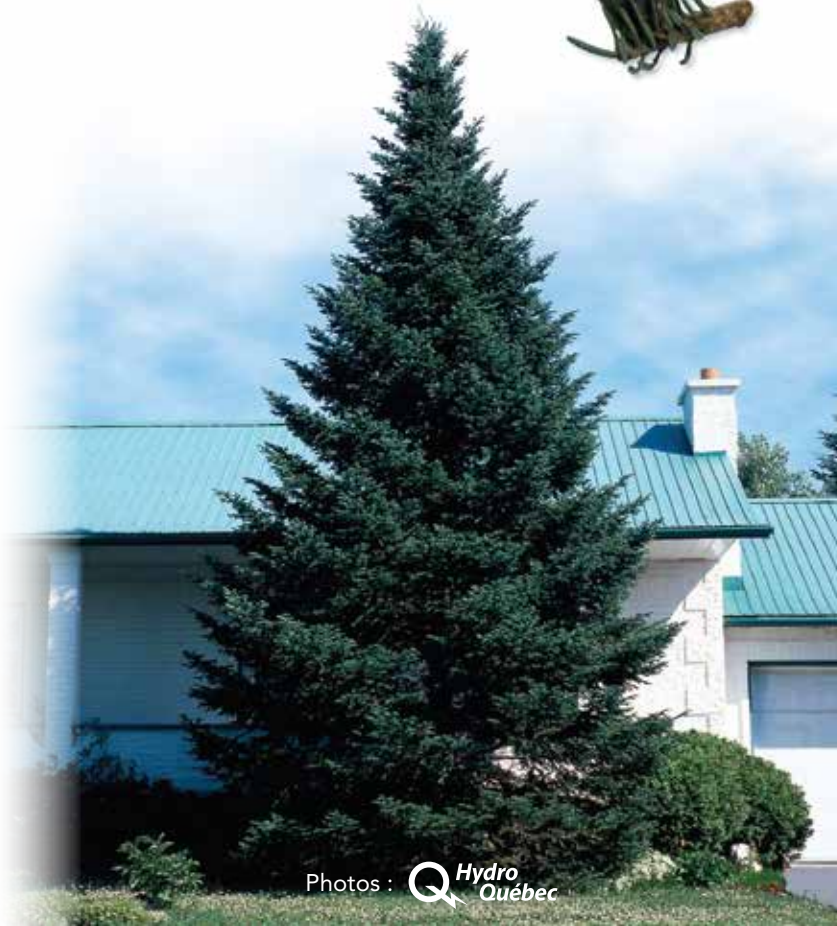
Leaves



Bark



Fruits



Eastern white cedar

Tree's characteristics

Size at maturity

Height : **12 m**

Spread : **4 m**



Tolerance to the following elements

De-icing : **low**

Soil compaction : **high**

Flooding : **low to medium**

Drought : **variable**

Diseases : **few issues**

Insects : **few issues**

Fruit production

- One tree is enough to produce fruits

- Production can start from age 20 to 30

Root system

Superficial

Features of interest or particularity

- Good for windbreak or hedge
- Edible leaves
- Attracts wildlife

Growth rate

Slow to medium

Flowers



Leaves



Bark



Fruits



Where to plant it?

Hardiness zone : **3**

Soil fertility : **high**

Light requirements :



Soil type



Soil humidity : **high**

Safe planting distance from buildings and power lines : **4 m**

In june

Trimming is necessary for a well-furnished hedge

