



#### Walnut production cultivars

```
Juglans regia 'Adams 10'
Juglans regia 'Ampyon'
Juglans regia 'Aufhauser Baden'
Juglans regia 'Axel'
Juglans regia 'Bolle Jan'
Juglans regia 'Buzsaki Pirosbelu' (from the end of 2014 available as planting material)
Juglans regia 'Big and easy'
Juglans regia 'Broadview'
Juglans regia 'Buccaneer'
Juglans regia 'Coenen'
Juglans regia 'Cyril'
Juglans regia 'Chiara'
Juglans regia 'Dionym'
Juglans regia 'Esterhazy 2' (from the end of 2014 available as planting material)
Juglans regia 'Franquette'
Juglans regia 'Hansen'
Juglans regia 'Han Feng' (from the end of 2014 available as planting material)
Juglans regia 'Gilles'
Juglans regia 'Jupiter'
Juglans regia 'Kirschnuss' (from the end of 2014 available as planting material)
Juglans regia 'No. 22 Kwanten'
Juglans regia 'No. 26 Kwanten'
Juglans regia 'Dwarf Karlik 3' (from the end of 2014 available as planting material)
Juglans regia 'Dwarf Karlik 5' (from the end of 2014 available as planting material)
Juglans regia 'Lange van lod'
Juglans regia 'Mars'
Juglans regia 'Milotia 10'
Juglans regia 'Mini Multiflora nr 14'
Juglans regia 'Pentatone'
Juglans regia 'Pedro'
Jugans regia 'Parisienne'
Jugans regia 'Nr. 139'
Juglans regia 'Proslavski'
Juglans regia 'Plovdivski'
Juglans regia 'Rita'
Juglans regia 'Rubra'
Juglans regia 'Rode Donaunoot'
Juglans regia 'Rote Linzer' (from the end of 2014 available as planting material)
Juglans regia 'Seifersdorfer'
Jugans regia 'Soleze'
Juglans regia 'Sunland'
Juglans regia 'Sibisel 8'
Juglans regia 'Tehama'
Juglans regia 'Weinsberg 1'
Jugans regia 'Wonder van Monrepos'
Juglans regia 'Nr. 16'
```

Juglans regia 'Nr. 26 (Geisenheim-Rüdenheim)'

# Juglans regia 'Adams 10'

This variety is very resistant against bacteria fire (Xanthomonas Juglandis) and is originating from Oregon USA.

The taste is good, the nut is well filled and easy to crack,

The flowering is protandic and will need a pollinator.



### Juglans regia 'Ampyon'

This variety is mostly suitable for the Netherlands and Belgium, (especially northern Netherlands) This species sprouts late and hasn't many problems with possible night frosts. The crown can develop into a width of 10m.

'Amphyon' is not very sensitive for diseases.

De fruit is ripening from mid-October and falls on the ground without husk. The nut is longer as the width of the nut and has deep furrows. The taste of this nut is excellent.



# Juglans regia 'Aufhauser Baden'

Selection originating from Germany, Very big nut with a bright red loose crown, it's a self-pollinator. A tree for tree lovers.



# Juglans regia 'Axel'

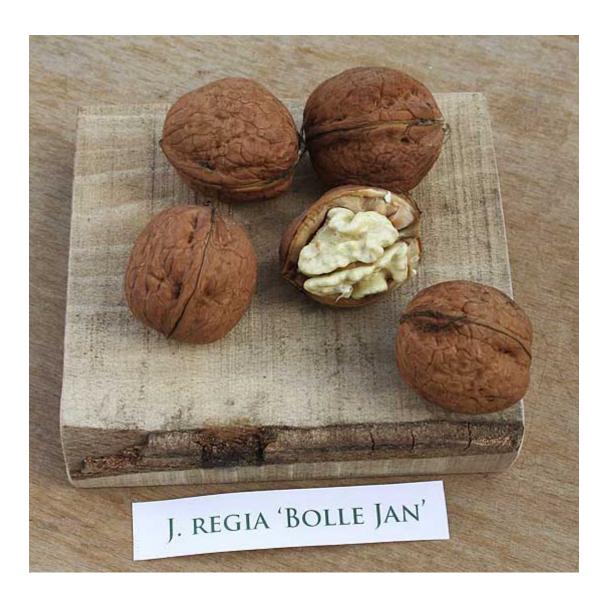
Selection originating from Zeeland, Very big nut, the kernel doesn't contain much oil by whereby the shelf life is short, Also called fist nut or horse nu, Wide loose crown, a real tree for tree lovers.



### Juglans regia 'Bolle Jan'

Obtained from a selected seedling of de Smallekamp.

Wide up-growing tree with a pretty open crown, is sprouting very late and therefore hardly sensitive to night frost, big round nut with a pretty thick shell and excellent taste, during flowering there is a reasonable overlap, but it's sensible to plant nearby a pollinator to insure a good harvest. Good pollinator for Franquette.



# Juglans regia 'Buzsaki Pirosbelu'

The most beautiful of the red kernel nuts, the taste is very good, high production of round purple-Bordeaux-colour well filled nuts. Is ripening in September and needs a pollinator.



# Juglans regia 'Big and easy'

Selection of nursery "De Acht plagen", big and easy to open nut, Protandric, almost no overlap, will need a pollinator. Pollinators need to flower late.

For example: Hansen, Nr. 22, Sibisel 8, Ronde de Montignac of Bolle Jan.



#### Juglans regia 'Broadview'

This walnut species is founded in British Columbia, but originates from Odessa (Ukraine).

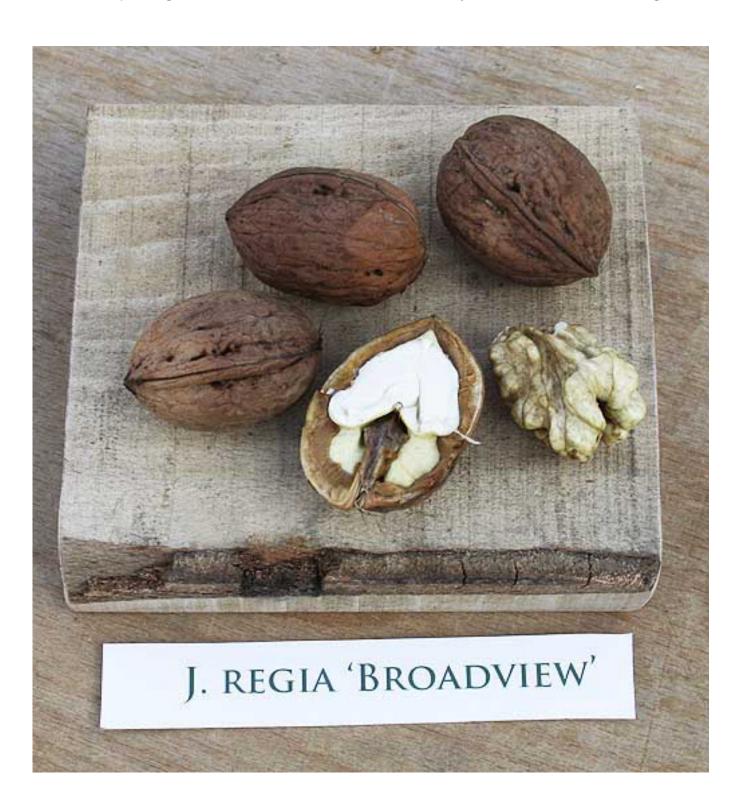
The tree is small (suitable for planting in small gardens) and very hardy,

in British Columbia this tree was resistant against temperatures of -30 degrees Celsius. This variety is very productive, already from a young age.

The tree is growing with a moderate speed, but later at an elder age the growth decreases and many short shoots will be build up, the variety is also apomictic.

The fruit of the 'Broadview' is pretty oblong, but without many furrows.

The fruit is ripening in the second half of October till early November. The taste is good.



#### Juglans regia 'Buccaneer'

This is a Dutch variety from the village Neer, in Limburg.

The crown is steep up going and open.

The tree itself is also fully hardy and almost never frozen, therefore this tree is also suitable for the northern regions.

'Buccaneer' is not early fertile, but very healthy and doesn't have problems with bacteria diseases.

The productivity of this tree is very good.

The tree is self-pollinating.

The variety is also a very good cross pollinator for a bigger group of other varieties.

Because the buds are sprouting late, the tree is hardly sensitive for frost.

The fruit is ripening in the 2nd and 3rd week of October.

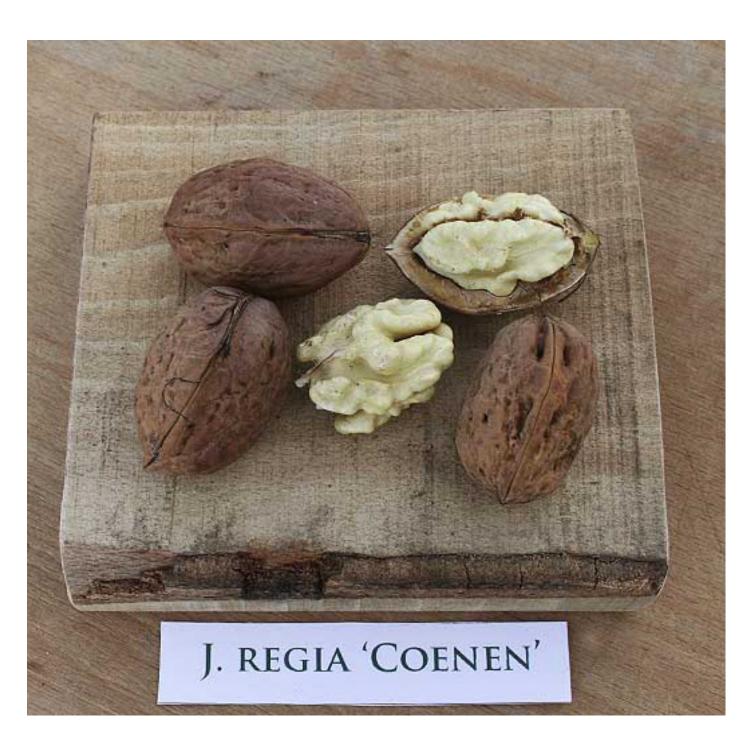
The nut is big, short wide and well filled and has not many farrows.

The taste is very good.



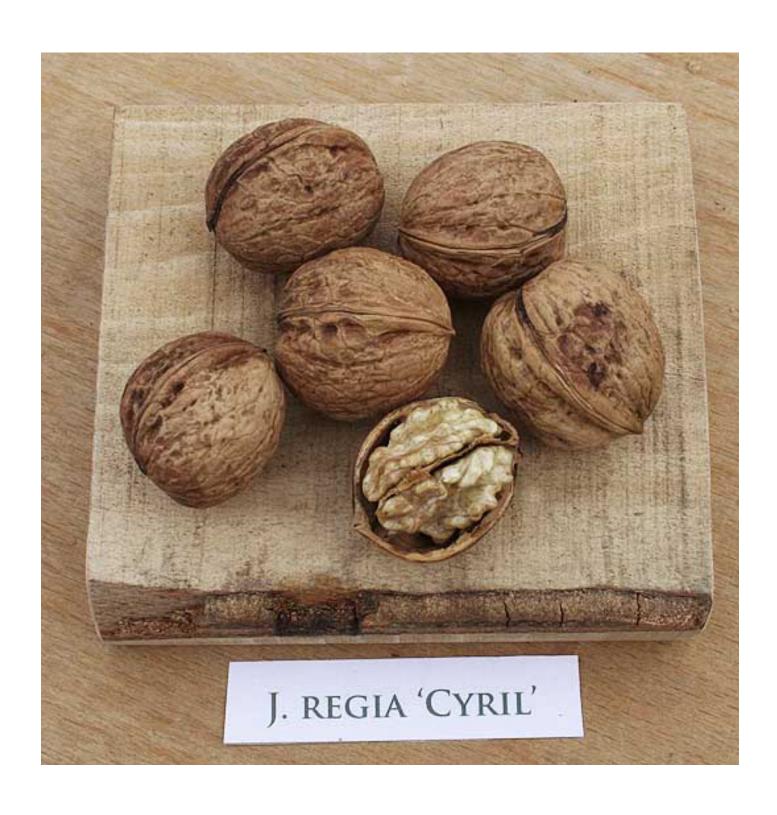
#### Juglans regia 'Coenen'

Also a Dutch variety from the village Veghel (Noord-Brabant). The tree is strong and a healthy grower with a wide, loose and open crown. This variety is very fertile and has no problem of leaf spot diseases. 'Coenen' is sprouting early and because the female catkins are overlapping the growth of the male catkins, the tree could pollinate itself, but still a male cross pollinator is needed to guarantee a fruiting performance. 'Broadview' should be very suitable for this. The nut is very big and oblong, white and smooth. The taste is excellent.



### Juglans regia 'Cyril'

This variety is originating from The Netherlands, from the city Groningen. The tree is a robust, pretty steep grower. The crown is pretty dense. The buds are sprouting rather late, this species is fully hardy. 'Cyril' has many female inflorescences and less male inflorescences. Still there is some overlap, therefore self-pollination at this variety is very possible. The flowering happens mid-season. The productivity of this variety is pretty good, the first fruit can be harvested mid-October. The nut is very big, round and furrowed. The fruit hangs in bunches of 2-6 nuts together. The kernel amount is well filled with regards to the nut. 'Cyril' generally a healthy and well resistant against diseases.



#### Juglans regia 'Chiara'

Juglans regia 'Chiara' is originating from nursery "De Smallekamp" and is a selected seed-ling with excellent and a regular carpophore also in lesser years.

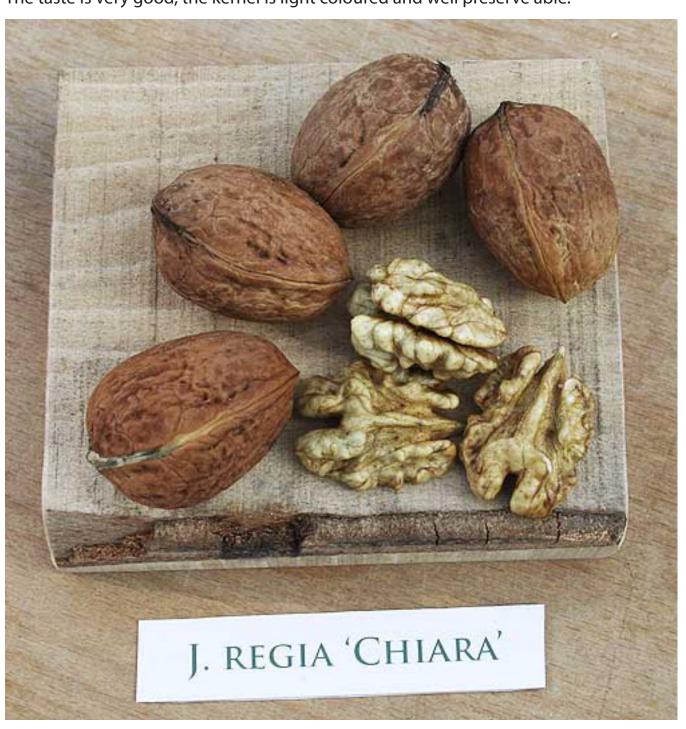
The tree is building up a wide crown, the flowering happens mid-season, there is a good overlap between the male and female flowering time, therefore the tree is a self-pollinator.

This species is fully hardy and is not sensitive for diseases, the variety is at the same time apomictic.

Productivity; the first nuts during the third or fourth year after upgrading and is at grown up trees very high. The nut is falling during the second half of October without husk. The nut is big and oblong. The shell is easy to open manually.

The average kernel weight is 5 gram, the nut grows in bunches of 2 till 4 pieces,

The taste is very good, the kernel is light coloured and well preserve able.



#### Juglans regia 'Dionym'

A variety from Groningen, the tree is building up a wide crown.

The buds are sprouting mid-season till late.

The species is fully hardy.

Flowering and fruit performance.

The tree has many female and many male inflorescences.

The flowering is mid-season till late.

There is mostly sufficient overlap between male and female flowering,

By which almost always self-pollinating.

This specious owns a good apomictic fruit development.

Productivity; It starts early and it's good.

Harvest; First half of October.

The farrowed shell doesn't open easy manually.

The kernel fills the shell well and drops well. The taste is excellent. The weight of the kernel amounts 5 gram. Kernel percentage 47%.

The nut grows mostly in bunches of 2 till 5 pieces.

It's a healthy variety, with very few diseases and defects.



# Juglans regia 'Esterhazy 2'

'Esterhazy 2' one of the best varieties from Hungary.

Because the early flowering this variety is less suitable for frost sensitive areas, the medium size till big fruit is harvested at the end of September. The nuts have a thin and closed shell and an aromatic tasty kernel.

Grafted varieties carry nuts after 3 to 5 years,



#### Juglans regia 'Franquette'

'Franquette' is such as suspected originating from France, old variety out of the area of Saint-Marcellin and Vinay.

This tree is a strong grower.

The fertility of this variety sets in late, comparable with 'Parisienne'.

The tree is fully hardy and because of the buds are sprouting late, they avoid the night frosts in spring.

It's for the best of the nuts to plant another variety nearby, because the fructification of the tree itself is rather unsatisfying.

This is to blame that the female flowers are flowering very late, because of this they are missing the male flowering of most of the other varieties.

Pollinators for the 'Franquette' are among 'Bolle Jan' and 'Ronde de Montignac'



### Juglans regia 'Hansen'

A walnut species originating from Northern-America, Ohio. A weak grower with a small crown. Particular at this tree is that it's regular carrying big bunches, sometimes bunches of 13 nuts together! 'Hansen' is very fertile, but needs a pollinator. This variety is very hardy. The nuts are relatively small, but well filled. The taste is good, and the variety is not much susceptible to diseases.



# Juglans regia 'Han Feng'

A walnut species originating from China with a red kernel, An extensive variety description follows.



# Juglans regia 'Gilles'

French selection by nursery "De Acht plagen", bred in the Netherlands, Tasty medium size nut, is sprouting mid-season, is in France as one of the few species almost insensitive for gluttony, will need a pollinator.



# Juglans regia 'Jupiter'

Jupiter is a Czech variety, the flowering is late, the quality of the nut is good, Jupiter is ripening in the last week of September and there is a reasonable overlap in flowering.



# Juglans regia 'Kirschnuss'

The 'Kirschnuss' a Czech variety gives big well filled nuts with a cherry red kernel and a very good taste. The tree is self-pollinating and sprouts pretty late so that there is hardly a chance of frost damage.



#### Juglans regia 'No. 22 Kwanten'

'Nr. 22' is a moderate growing variety, originating from Nieuw-Roden, Groningen. The tree has a rather dense crown, the buds are sprouting late and the variety is fully hardy. This variety is sprouting late, the growth of de male and female catkin are overlapping each other sufficient to be self-pollinating. Possible suitable pollinators for this variety are among 'Cyril' and 'Nr. 26'. The productivity is good. In the middle of October the nuts can be harvested. The nut is medium size and the shell is smooth. The kernel amount is about 4,5 gram. The fruit of 'Nr. 22' is tasty and don't show shell defects.



#### Juglans regia 'No. 26 Kwanten'

This variety is originating from Groningen, from the village Ten Boer. 'Nr. 26' is a strong grower which build up an open crown. The buds are sprouting late and the tree is fully hardy. This variety is self-pollinating, because the growth of male and female catkin overlap each other completely. Other good pollinators are for example 'Dionym' and 'Nr. 16'. Most of the nuts can be harvested in the first half of October. Nuts of this variety are big till very big, oblong and slightly farrowed. Easy to crack. The kernel weight inside the fruit is about 5 gram. This is a healthy variety with a good fruit taste.



#### Juglans regia 'Dwarf Karlik 3'

Both varieties are originating from the Ukraine,

The mother tree of this variety is 20 years old and has a height of 2.3 meter,

The width of the crown is 1.8 meter, the tree stands in the open ground.

The flowering is late second half of May, and is Pyrogenic and therefore needs a pollinator, for this the 'Karlik 5' is suitable.

The nut is medium size and excellent of taste and is ripening in the second half of September.

This variety is patented, under license bred by nursery "De Achtplagen" and exclusively sold by us.

### Juglans regia 'Dwarf Karlik 5'

The mother tree of this variety is 20 years old and has a height of 1.8 meter,

The crown is round, the tree stands in the open ground.

The flowering is late second half of May, and is Protandric and therefore needs a pollinator, fort his the 'Karlik 3' in suitable.

The nut is medium size and excellent of taste and is ripening in the second half of September.

This variety is patented, under license bred by nursery "De Achtplagen" and exclusively sold by us.

These both varieties are from the end of 2015 limited available as planting material

### Juglans regia 'Lange van lod'

This variety is originating from the village Steyl in Norhern Limburg,

Small till medium size tree, very big nuts.

The leaves are sprouting in the beginning of April.

The flowering is protandric in which there is hardly overlap. End of April / beginning of May; male flowering. 2nd week of May female flowering.

The fruit is growing fast till about 10 cm (depending on the growing time between fructification and husk formation). The till 8 centimetre big, oblong nuts are falling from half September loose out of the husk.

The kernel can be good taken out of the shell in quarters and sometimes in halves, the taste is sweet. The kernel with a weight of 9 till 18 gram is about 30% of the weight of the nut and doesn't shrink during drying.



# Juglans regia 'Mars'

Mars is a Czech variety, the flowering is late, the quality of the nut is excellent, pretty big, a semi-hard shell which opens well, this variety is suitable for colder regions, and the variety is ripening in the last week of September. Self-pollinating.



# Juglans regia 'Milotia 10'

Variety from Hungary,

Grower: Dr. Peter Szentivanyi, since 1963 recognised variety Big smooth round nut well filled, very high oil percentage till 68,4 percent, light yellow kernel with a good taste and a high harvest. The tree is sprouting late but needs a pollinator.



# Juglans regia 'Mehlennoot nr.1247'

Originating from Germany, Mehlen, and Kurmark. The flowering is medium early, before female and therefore needs a pollinator, fully hardy tree with a medium size nut, excellent of taste.



#### Juglans regia 'Mini Multiflora nr 14'

'Mini Multiflora nr.14' is a dwarf form of the walnut, is self-pollinating, and builds op at a very young age already fruit, a medium size nut, excellent of taste, the tree keeps producing female flowers during de growing season and has the tendency till apomictic, At this moment we are carrying out an experiment how the tree is behaving in a container during summer and winter.

We are expecting to sell the trees in container, from the beginning of 2014



### Juglans regia 'Pentatone'

Obtained from a selected seedling from "de Smallekamp".

Steep up going tree with a pretty open crown, is sprouting late and therefore hardly sensitive for night frost, big round nut with a pretty thick shell and excellent taste, when flowering there is a reasonable overlap, but it's more sensible to plant a pollinator nearby to guarantee a good harvest.



# Juglans regia 'Pedro'

Walnut tree with small hairy leaves, protandric. Produces a lot of female flowers in comparison with European varieties. 'Pedro' is growing pretty slow. The tree is carrying fruit for the first time when its 4 - 5 years old, the nuts are medium size and de taste is excellent.



### Jugans regia 'Parisienne'

Originating from France. Strong growth with a steep way of growing form.

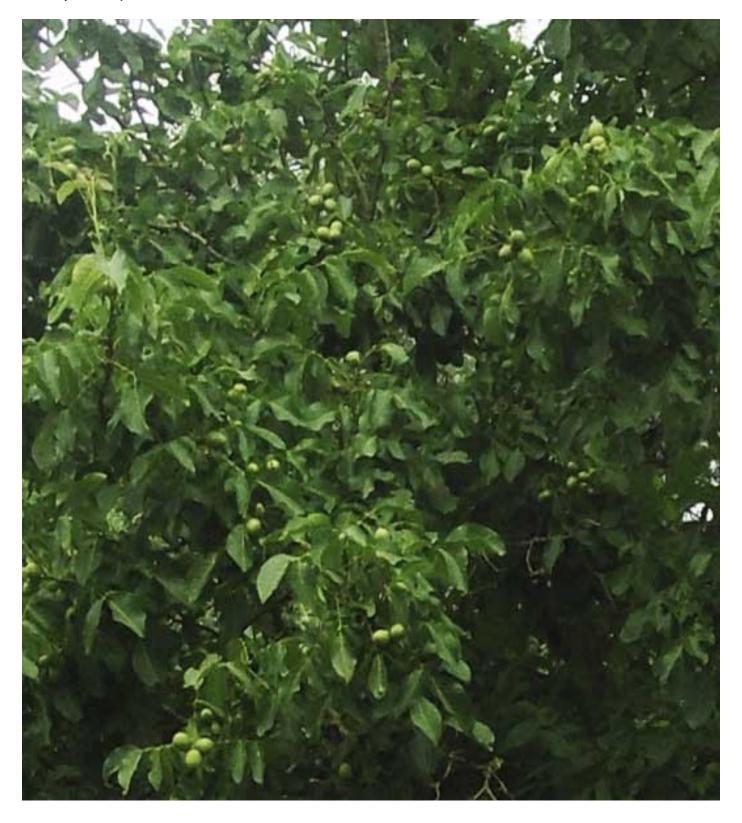
The fertility starts late, after that a good harvest.

Big nuts which have a good taste.

The buds are sprouting late and avoid in this way the late night frosts in spring.

Male buds are flowering before the female (prodantry), therefore a cross-pollinator is necessary if you want to harvest nuts.

Hardly susceptible for diseases.



# Jugans regia 'Nr. 139'

Originating from Germany. Moderate growing power and fairly good till very good harvest. Pretty big nuts with a very good taste. Can produce an apomictic fruit. Can produce fruit apomictic, although the production improves with cross-pollination.



#### Juglans regia 'Proslavski'

A top-quality from Eastern Europe, originating from Bulgaria. The tree is a little stronger grower as the 'Plovdivski', and builds up a wide expanding open crown. However this variety is less fertile as its counterpart. 'Proslavski' is attracting attention by its big leaves and the healthy, dark green foliage leaves. Also this tree is very well resistant against diseases. During very dry, hot summers draught symptoms can appear. Likely caused by the extraevaporating big leaves. The variety is good fertile and very healthy. Because the flowering of the male and female catkins are overlapping only three days, it is wise to plant nearby a cross-pollinator.

Among others 'Buccaneer' is very suitable for this. 'Buccaneer' is flowering often around the 6th of June, and this corresponds perfectly with the flowering of the 'Proslavski'. The husk contains an oblong nut with a thick shell without any defects.



### Juglans regia 'Plovdivski'

Just like the 'Proslavski' one of the best East-European varieties, and also originating from Bulgaria. It's a reasonable strong grower, but still slightly inferior to the growth of the 'Proslavski'. This variety is protandric, just like its East-European cousin. The tree is carrying its first nuts after about four years, the quality and the size of the kernel are outstanding. The nuts are big and oblong.



### Juglans regia 'Rita'

A variety from Michigan, US, but originally originating from the Polish Carpathian Mountains. 'Rita' is a weak grower, builds up a moderate big tree with a wide up going, dense crown. Also this tree is fully hardy. 'Rita' is sprouting early and is very fertile and healthy. This variety is a self-pollinator. The early flowering of 'Rita' is sensitive for late night frost, therefore it's better not to plant the tree in the east of the Netherlands. The fruit is ripening in the first few weeks of October, properties are a moderate big, oblong nut with sometimes a curve in the suture.



## Juglans regia 'Rubra'

This is the mother of all varieties with a red kernel, originating from Czech Republic. The tree is early fertile and the nut is medium size and has when fresh a bright red kernel, has a good taste and a good keeping quality.

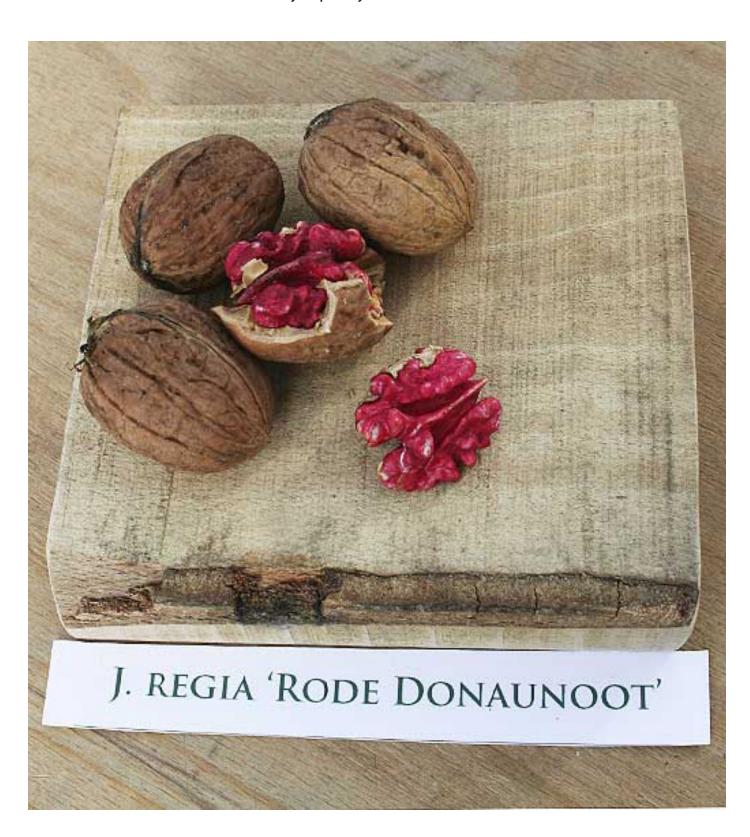
In course of time the tree is growing till a tree with a crown diameter of about 10 meter.



### Juglans regia 'Rode Donaunoot'

The red Danube nut is originating from South-Germany, the variety is thanking its name due to the bright red coloured kernel skin. Therefore the kernels are used a lot in confectioneries and chocolate factories.

It's a healthy variety and very fertile, but needs a pollinator. The tree is sprouting mid-season till late, and has therefore hardly problems with night frost. Also the "blood orange" under the walnut trees. This variety is pretty rare.



# Juglans regia 'Rote Linzer'

'Rote Linzer' is an Austrian variety, produces very big nuts with a bright red kernel with an excellent taste, and needs a pollinator.



## Juglans regia 'Seifersdorfer'

A bred walnut species, moderate growth and fits good in smaller gardens. This tree performs at one's best at sunny places. 'Seifersdorfer' is carrying a fragrant nut with a pretty high fat percentage. This variety is self-pollinating. The tree is carrying nuts at the end of September.



## Jugans regia 'Soleze'

Originating from France. Soleze is beginning to produce at an elder age, a property which appears at more French varieties. However after that the production is good. The male flowers are flowering before the female. Is carrying big nuts of good quality.



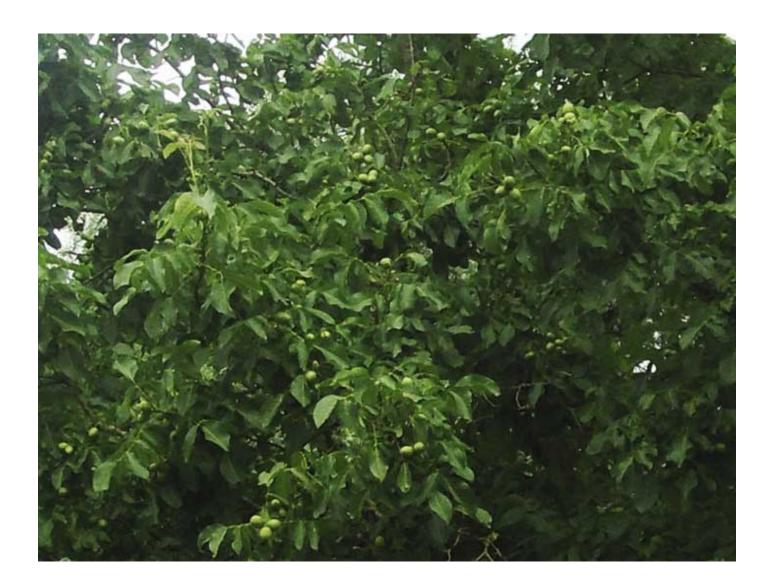
## Juglans regia 'Sunland'

Originating from California, is flowering pretty early, More suitable for the southern part of The Netherlands, very high harvest of nuts, kernel weight 9.9 gram and are developing itself late, 80% of the annual twigs is carrying female flowers, needs a pollinator, for example Tehama.



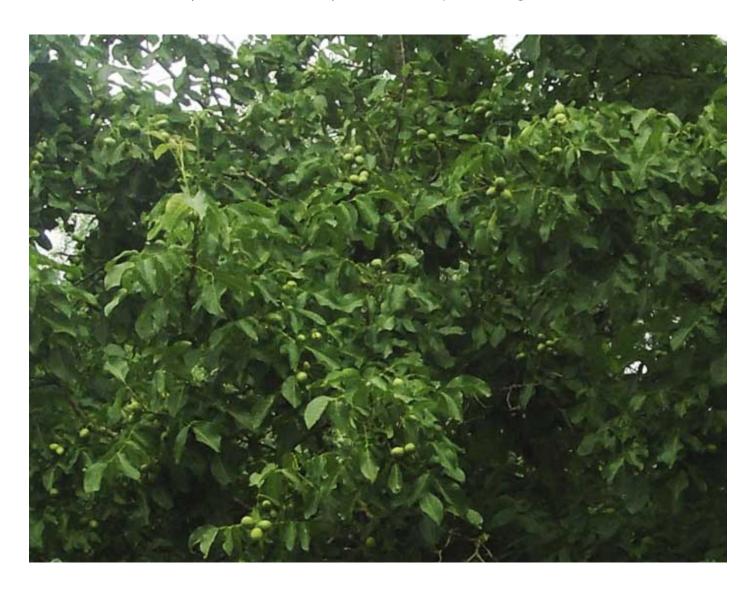
# Juglans regia 'Sibisel 8'

Originating from Romania, is flowering pretty early, protogenyc, Very high harvest of big nuts, kernel weight 9.9 gram and develop itself late, 80% of the annual twigs are carrying female flowers, needs a pollinator.



# Juglans regia 'Tehama'

Originating from California, the flowering is late with many female flowers, the tree is large with a full crown, easy to crack and tasty nut, not self-pollinating.



# Juglans regia 'Weinsberg 1'

Originating from Germany, Baden- Wurttemberg. The flowering is mid-season, before male, a compact tree, crown size 7-8m. Very tasty big nut with a thin shell.

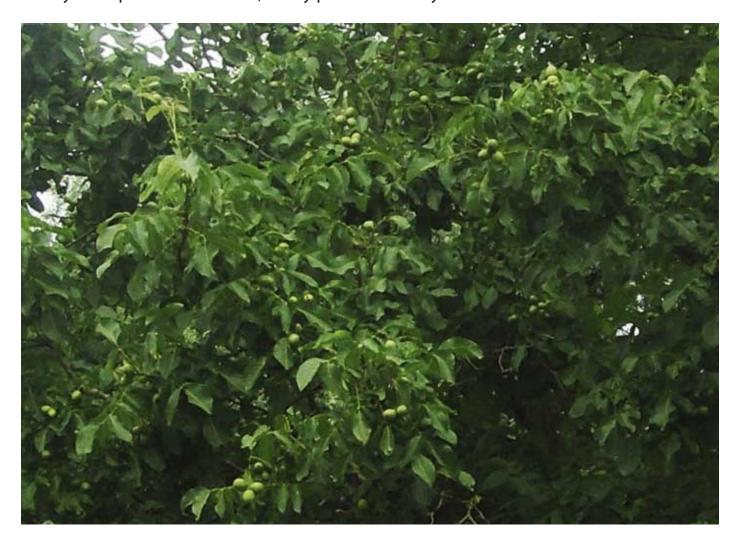


## Juglans regia 'Wunder von Monrepos'

(also known as Geisenheims Wonder): A new variety which origins in 1983 at the proving ground in Geisenheim (Germany). Moderate growing force

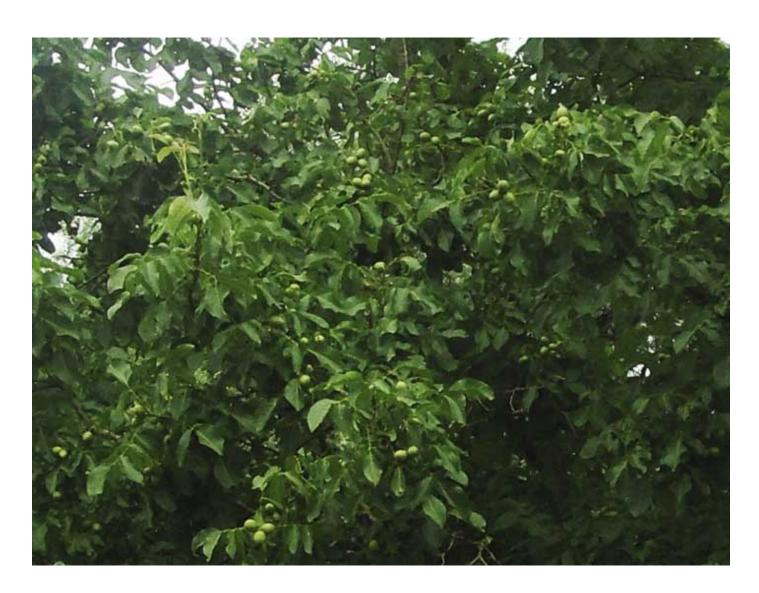
The male inflorescences are flowering first, but this variety is producing mainly apomictic fruit.

Good production of nuts with an excellent quality. Is sprouting late. Hardly susceptible for diseases, a very precious variety.



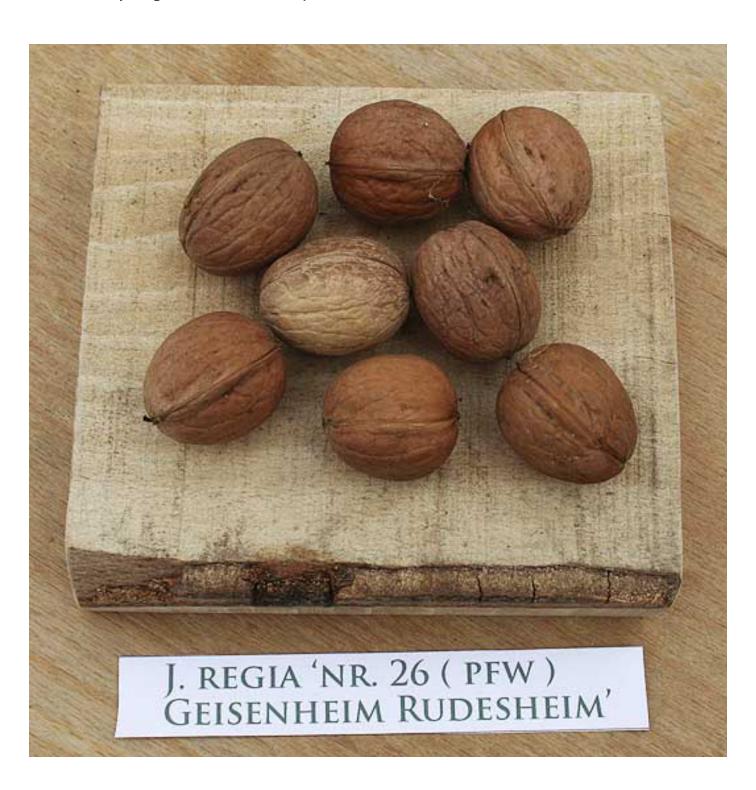
### Juglans regia 'No. 16'

A seedling from 'Rita', therefore also originating from Michigan. Also this is a moderate strong grower, the trees are pretty big with a wide, dense up going crown. The lower branches can hang through till the ground. 'No. 16' is fully hardy and very fertile and healthy. The flowering is before female, but the growth of the male and female catkins are overlapping each other, therefore is 'No. 16' a self-pollinator. The fruit is ripening in the second half of October. The nut is reasonable big, deep farrowed and oblong, with a sharp point. 'No. 16' has very good tasting nuts and the fruit can be kept one year without losing their precious taste.



#### Juglans regia 'No. 26 (Geisenheim-Rüdesheim)'

Also: 'Geisenheim no. 26'. Because the tree is sprouting late, it's hardly sensitive for night frost. The first nuts are hanging in the beginning of October at the tree. The fruit is about 4 cm. high and 3 cm. wide, therefore rather small nuts, but with a good taste. The tree has a relatively small crown. It's a protandric variety, but it happens not seldom before that the male blossoms are sooner flowering as the female. In that case there will be needed another variety to guarantee the fruit production.



## Juglans regia 'Nr. 120'

This variety also known as 'Geisenheim kloon nummer 120' Big oval nuts with a good taste. Easy to open. Tree with a round crown, 8-10 m high.

Less susceptible to diseases and late frost.

However, for this variety a good pollinator should stand nearby the other nut tree.



#### **CONTACT DETAILS**

Nursery "de Smallekamp" Hardenbrinkweg 24 8071 SM Nunspeet The Netherlands info@desmallekamp.nl roland@desmallekamp.nl

NAK certified: 69570