

Descriptions of Hungarian bred walnut cultivars

Alsószentiváni 117

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud brake time: mid time

Blossom, pollination: The flowers are proterandrous. Blossoms at the same time as Alsószentiváni 118, Pedro and Tizacsécsi 2 (their flowers are proterogymous).

Cropping: High yield, the 45 % of the shoots bear fruits. It comes fast into bearing.

Maturity: Third decade of September

Fruit characteristics: About 33-36 mm in diameter, the shell is a bit grooved, the colour is light-brown. The kernel is yellowish-brown, good taste. Kernel content is 48-51 %. Easy to crack and clean.

Tree habit: Strong vigour, hardy. the young trees are upright, later spreading. It grows fast. It does not bear fruit on lateral buds, it crops mostly on the terminal buds.

Valuable as kernel walnut cultivar.



Milotai 10

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud brake time: early mid time but slow

Blossom, pollination: The flowers are proterandrous. Blossoms at the same time as Alsószentiváni 118, Pedro and Tizacsécsi 2 (their flowers are proterogymous).

Cropping: High yield, the 53 % of the shoots bear fruits. It comes fast into bearing.

Maturity: At the end of September

Fruit characteristics: About 33-36 mm in diameter, the shell is smooth, the colour is yellowish-brown, attractive shell. The kernel is yellowish-brown, good taste. Kernel content is 47-52 %. Easy to crack and clean.

Tree habit: Strong vigour, hardy. the young trees are upright, later spreading. It grows fast. It bears fruit on 20-25 % of lateral buds.

The Milotai 10 is a highly productive cultivar. This cultivar has a good market value with the best shelled and kernel quality.



Tiszacsécsi 83

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud break time: late

Blossom, pollination: The flowers are proterandrous. Blossoms at the same time as Alsószentiványi 118, Pedro and Tiszacsécsi 2 (their flowers are proterogymous).

Cropping: very high yield, the 60 % of the shoots bear fruits. It comes fast into bearing.

Maturity: At the end of September, early October.

Fruit characteristics: About 33 mm in diameter, the shell is a bit lined, light-brown, not very attractive but the quality of the kernel is very good: yellowish-brown, good taste. Kernel content is 48-52 %. Easy to crack and clean.

Tree habit: Stronger vigour than medium, hardy. The canopy is not too dense, cylindrical. It bears fruit on 25-30 % of lateral buds.

Specially for kernel production.



Milotai bőtermő

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud break time: mid late time

Blossom, pollination: The flowers are proterandrous. Blossoms at the same time as Milotai kései (their flowers are proterogymous).

Cropping: High yield, the 50-60 % of the lateral buds bear fruits. It comes fast into bearing.

Maturity: Beginning of October.

Fruit characteristics: About 33-37 mm in diameter, the shell is smooth, the colour is yellowish-brown, attractive shell. The kernel is yellowish-brown, good taste. Kernel content is 56 %. Easy to crack and clean.

Tree habit: Strong vigour, hardy. the young trees are upright, later spreading. It grows fast.

It is a bit sensitive to Gnomonia and medium tolerant to Xanthomonas.



Milotai kései®

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud break time: very late

Blossom, pollination: The flowers are proterogynous. Blossoms at the same time as Milotai bőtermő (their flowers are proterandrous).

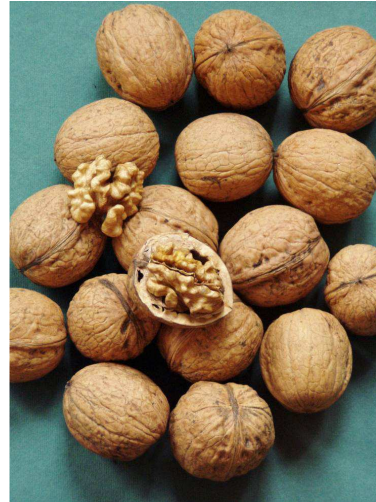
Cropping: High yield, the 55-60 % of the lateral buds bear fruits. It comes fast into bearing.

Maturity: Second decade of October

Fruit characteristics: About 32-34 mm in diameter, the shell is a smooth, the colour is yellowish-brown, attractive shell. The kernel is yellowish-brown, good taste. Kernel content is 42-45 %. Easy to crack and clean.

Tree habit: Moderate vigour, the young trees are upright, later spreading. It grows fast.

It is tolerant to Gnomonia and medium sensitive to Xanthomonas.



Milotai intenzív

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud break time: early mid time but slow

Blossom, pollination: The flowers are proterogynous. Blossoms at the same time as Milotai bőtermő (their flowers are proterandrous).

Cropping: High yield, the 60 % of lateral buds bear fruits. It comes fast into bearing.

Maturity: Second decade of October.

Fruit characteristics: About 32-34 mm in diameter, the shell is a smooth, the colour is yellowish-brown, attractive shell. The kernel is yellowish-brown, good taste. Kernel content is 57 %. Easy to crack and clean.

Tree habit: medium or weak vigour, It grows fast.

It is very sensitive to Xanthomonas and Gnomonia but this cultivar has very good fruit quality in shell and in kernel too.



Bonifác®

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud brak time: medium late

Blossom, pollination: The flowers are proterogymous. Blossoms at the same time as Alsószentiváni kései (their flowers are proterandrous).

Cropping: Well yield, the 50 % of lateral buds bear fruits. It comes fast into bearing.

Maturity: Second decade of October.

Fruit characteristics: About 33-34 mm in diameter, the shell is grooved, the colour is yellowish-brown. The kernel is yellowish-brown, good taste. Kernel content is 48 %. Easy to crack and clean.

Tree habit: Weaker than medium. Round crown with a strong central leader. It grows fast
Good kernel quality.



Alsószentiváni kései®

Breeder: Dr. Peter Szentiványi

Owner: Research Institute for Fruitgrowing and Ornamentals, Budapest, Hungary

Bud brake time: medium late

Blossom, pollination: The flowers are proterandrous. Blossoms at the same time as Bonifác (their flowers are proterogymous).

Cropping: High yield, the 25-35 % of lateral buds bear fruits. It comes fast into bearing.

Maturity: At the end of September

Fruit characteristics: About 33-35 mm in diameter, the shell is smooth, the colour is yellowish-brown, attractive shell. The kernel is yellowish-brown, good taste. Kernel content is 47-48 %. Easy to crack and clean.

Tree habit: Strong vigour, hardy. the young trees are upright, later spreading. It grows fast.
Good shell and kernel quality.

