



Černý

2020-2021

**FLOWER
SEED
CATALOGUE**



Dear Sir or Madam Dear colleagues

The first half of 2020 was marked on a global scale by unpredictable events which are hard to fathom. A time of distinct uncertainty was soon recast in our country into a time of solidarity, cooperation and also into a time of completely new challenges and opportunities.

Distances around the world increased figuratively, yet new ways of doing business gained their chance in the maelstrom of events, often even becoming a necessity, an advantage and a pleasant diversification as well as an extension of sales channels. These means of doing business are quite certainly appropriate, effective and frequently even economical, but they must not substitute or push aside direct mutual communication and endanger the many years of superb and friendly commercial relations which we have enjoyed with you and which we very much appreciate.

We have not ceased to intensively develop our varied breeding programmes, which despite the natural difficulties do provide the desired results in the form of annual enhancement of the range of seeds we offer.

This year, we are including a completely new species into our range, Vinca, group **Volcano F1 (Catharanthus roseus)**, which we are introducing in 7 attractive colours: **Burgundy, Apricot, White, Polka, Red, Lavender, Orchid** and **Mix of colours**. They are intended for professional use and after trying them out, you are certain to agree with us that they really do represent the very pinnacle of contemporary breeding of this variety. We also recommend that you pay attention to their price, which is absolutely unrivalled.

One new product in the range of petunias is a new addition to the Aphrodite group of frilly petunias to include a new variety which is much in demand, the **Aphrodite F1 Red**. The price and properties of this correspond to the other varieties in the given group.

Professional growers will in particular then welcome extension of the Mistral group of large-flowered, low, compact varieties of petunia to include the new basic colour **Mistral F1 White**.

We are extending the range of green-leaved **Pelargonium x hortorum** to include **three new F1 varieties, Jitka, Jarka and Regina**. We are very pleased with this extension of the range, thanks to which we are this year already offering a comprehensive/complete range of a total of 12 varieties, also complemented by 4 dark-leaved varieties.

Our joy at the breeding successes achieved, your steadfast confidence in us, economic indicators evaluating the sales season which has just ended and the perspectives for continuing collaboration which are beginning to take shape give us reason for great optimism and great expectations, and it is above all you, our satisfied customers, who deserve a big thank you for that.

*Best regards
Jan Černý & Jakub Černý*





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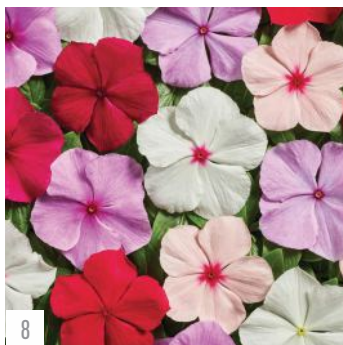
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11



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12



9



13

Catharanthus roseus – Vinca “Volcano F1” Series

- 01 **E1060**
Volcano F1 Apricot
- 02 **E1061**
Volcano F1 Burgundy
- 03 **E1062**
Volcano F1 Lavender
- 04 **E1063**
Volcano F1 Orchid
- 05 **E1064**
Volcano F1 Polka
- 06 **E1065**
Volcano F1 Red
- 07 **E1066**
Volcano F1 White
- 08 **E1067**
Volcano F1 Mix



Petunia hybrida grandiflora nana

- 09 **E227**
Mistral F1 White

Petunia hybrida grandiflora fimbriata nana

- 10 **E451**
Aphrodite F1 Red

Pelargonium × hortorum (geranium) “Green-Leaved Series”

- 11 **E183**
Jitka F1
- 12 **E182**
Jarka F1
- 13 **E365**
Regina F1

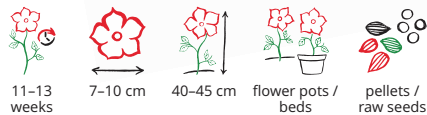
PETUNIA HYBRIDA GRANDIFLORA NANA

PETUNIA HYBRIDA NANA

We offer an original assortment of hybrid petunias, which belong to the group of multiflora and grandiflora petunias. These varieties have been specially cultivated for the specific climatic conditions in Central Europe. They perform excellently in sunny and warm summers but nor do they disappoint in cold and rainy weather.

PETUNIA HYBRIDA GRANDIFLORA NANA

Resistant to harsher climatic conditions, plant height 40–45 cm, well-branched, free-flowering until the end of the vegetation season, flower size 7–10 cm, excellent in flower boxes and containers. Ideal for places protected from wind and rain.





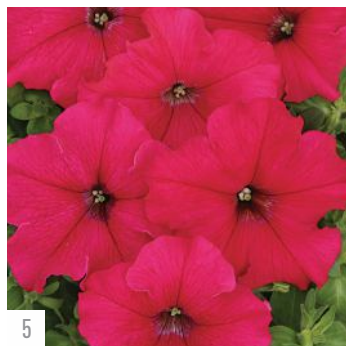
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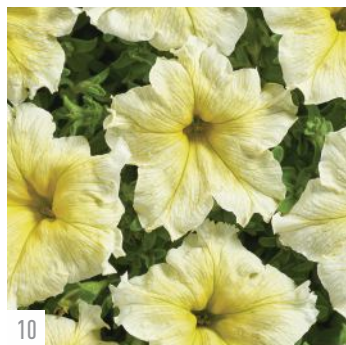
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01 **E207**
Půvab F1
white

02 **E208**
Úsměv F1
star-type red and white
bicolour pattern

03 **E209**
Láška F1
red

04 **E210**
Přátelství F1
rose pink

05 **E211**
Radost F1
carmine rose

06 **E212**
Touha F1
burgundy

07 **E214**
Snění F1
pale pink with very distinctive bright pink veins

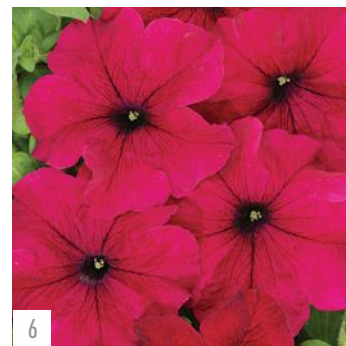
08 **E567**
Mládí F1
salmon pink

09 **E677**
Naděje F1
sky blue

10 **E370**
Záře F1
A variety with deep yellow flowers contrasting strongly
with other colours, medium-sized flowers, plant height
30–35 cm.



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PETUNIA HYBRIDA GRANDIFLORA NANA

"MISTRAL F1" SERIES

The ever-expanding family of "Mistral F1" varieties is a dignified start to our series of modern well-performing varieties of petunias with large blooms. The plants are characterised by low growth (30–35 cm), high compactness of the plant and resistance to adverse weather. They are early-flowering throughout the season with large blooms with a diameter of 8–10 cm; suitable for potting as well as for bed planting. The "Mistral F1" series is comparable with the very best groups in the ranges on offer.





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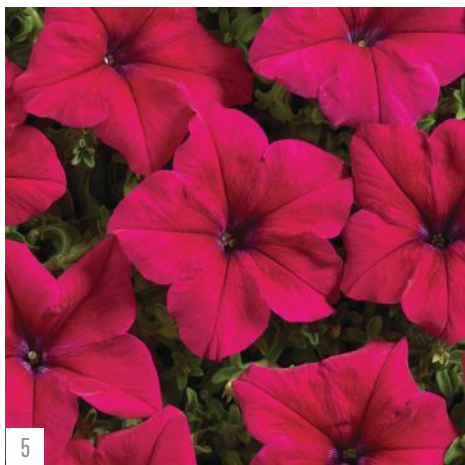
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01 E007
Mistral F1 Pearly
pale pearly pink

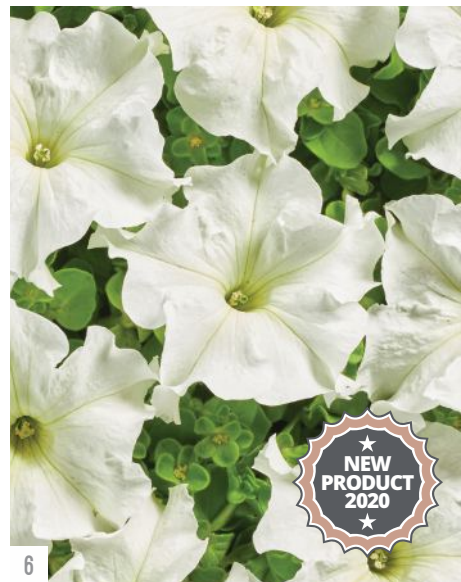
02 E452
Mistral F1 Rosy
dense intense shade

03 E453
Mistral F1 Deep Blue
Older flowers become brighter
around the gorge, resulting in
a combination of colour shades
that increases the attractiveness
of this variety.

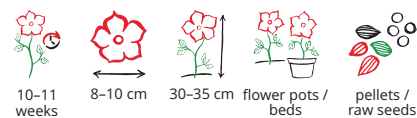
04 E509
Mistral F1 Bright Red

05 E600
Mistral F1 Burgundy
deep shades of burgundy

06 E227
Mistral F1 White



6



PETUNIA HYBRIDA MULTIFLORA NANA

Hybrids resistant to bad weather. Plants reach a height of 30–35 cm, well-branched, free-flowering, flower size 5.5–6.5 cm, suitable both as a bedding plant and for balcony boxes and containers. Rapid recovery from rain damage. Ideal for the use in city parks and gardens.



11–13
weeks



5,5–6,5 cm



30–35 cm



flower pots /
beds

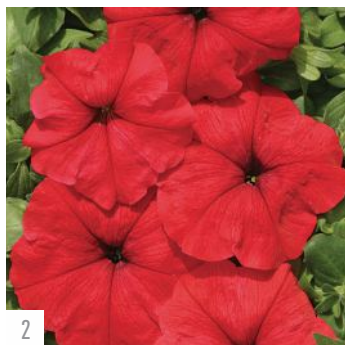


pellets /
raw seeds





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01 **E190**
Angelika F1
white

02 **E194**
Marika F1
red

03 **E196**
Rita F1
bright rose pink
with veins

04 **E197**
Sylvie F1
burgundy

05 **E198**
Lucie F1
lilac

06 **E199**
Dita F1
sky blue

07 **E200**
Andrea F1
blue violet

08 **E205**
Berenika F1
yellow

09 **E778**
Simona F1
glossy pink

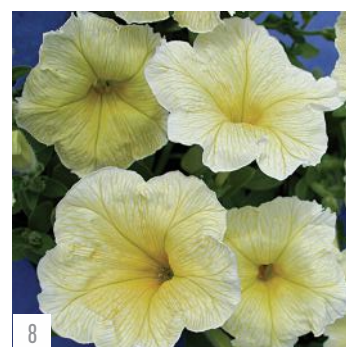
10 **E779**
Yvetta F1
light salmon,
unique shade



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PETUNIA HYBRIDA MULTIFLORA NANA

01 **E538** **Alenka F1**

A new shade in the multiflora petunia varieties product line. Bright pink blossom with tall yellow gorge following the main venation pattern up to the blossom.



11-13
weeks



5,5-6 cm



30-35 cm



flower pots /
beds



pellets /
raw seeds

02

E523

Ingrid F1

The latest shade, unique in the world, that provides a completely new dimension to the group of multiflora veins in a star petunias. It flowers with rich beautiful creamy yellow blooms with distinct brownish-yellow veins stemming from the gorge and reaching up to one third of the flower. The plants are well-branched, compact, growing to a height of 30-35 cm. Diameter of the blooms ranges from 5.5 to 6 cm.



2

PETUNIA HYBRIDA MULTIFLORA NANA

01 E835 Sophia F1

An improved type of the variety introduced earlier. New plants are more compact and lower, pale pink flowers with distinctive bright pink veins in a star formation. The customer obtains an improved quality version of one of the most popular varieties in the group of petunia multiflora.



02 E203 Nora F1

delicate blue with bright blue veins in a star formation

03 E204 Brigitta F1

light violet with deep violet veins in a star formation

04 E539 Claudia F1

A new shade that supplements the group of varieties with a star-like venation pattern around the gorge. Blossoms are light salmon pink in colour with a distinctive dark salmon pink star-like venation pattern around the gorge. These are spreading plants, compact, achieving 30 cm in height and very rich in blossom, with a blossom size of 5.5–6 cm.



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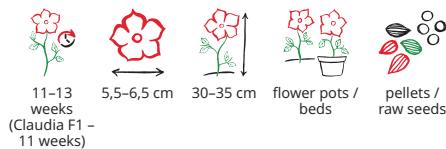
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05 E191
Belinda F1
 star-type deep rose and white bicolour pattern

06 E192
Kristina F1
 star-type burgundy and white bicolour pattern

07 E193
Henrietta F1
 star-type red and white bicolour pattern



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PETUNIA HYBRIDA MULTIFLORA NANA

Original breeding by the Černý Seed Company

Both varieties are supplied in pellet form

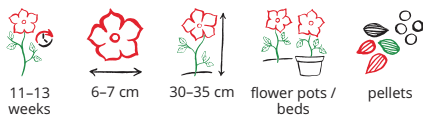
“DOT STAR F1” SERIES

The infinite universe and all of its mysteries, a star-filled sky, or simple joy and a good mood are some of the things which could be evoked by these unique hybrids from the newly introduced Dot Star F1 series thanks to their unusual and provocative appearance.

A combination of vibrant and rich colours with white dots or spots on the petals gives the flowers an unprecedented and highly attractive appearance. The shape, frequency and intensity of the little white patterns on the petals can change during hot or changeable weather. This makes every flower a unique original.

Just like the other multiflora petunia from the Černý Seed Company, the Dot Star F1 series also boasts a high level of resilience to bad weather.

Plants grow to a height of 30–35 cm, branch well and bloom abundantly, with flowers that have a diameter of 6–7 cm. They are suitable for beds, planters and pots. They quickly regenerate after heavy rain and regain their impressive appearance.





01 **E339**
Dot Star F1 Dark Violet
 dark violet with white dots and spots

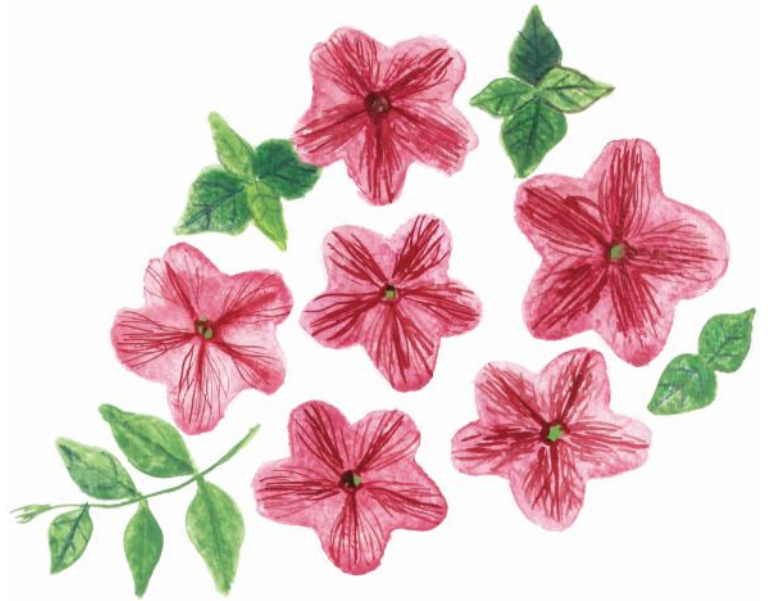
02 **E340**
Dot Star F1 Deep Pink
 deep pink with white dots and spots



PETUNIA HYBRIDA MINIFLORA

"PETIT F1" SERIES

A very early variety. Several flowers always come into bloom at the same time. They create a very densely branched compact little bush. Flower size is 4–5 cm. They are intended in particular for planting in containers but also grow well in beds. They grow to a height of 20 cm. Hybrids are resistant and flower abundantly throughout the whole season. Cultivation is practically the same as with other petunias.

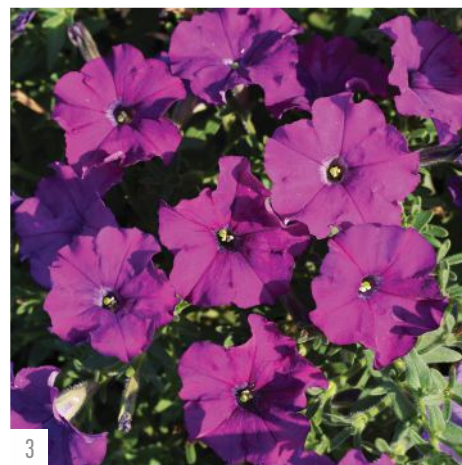




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01 **E596**
Petit F1 Red

02 **E595**
Petit F1 Deep Salmon

03 **E597**
Petit F1 Violet

04 **E433**
Petit F1 Carmine Rose
vivid and intense colour shade

05 **E598**
Petit F1 Red Vein
Red flowers with a distinct pattern created by the veins, the latest variety, extends the popular group of dwarf petunias to include a new highly attractive colour combination.



10-11
weeks



4-5 cm



20 cm



flower pots /
boxes



pellets

PETUNIA HYBRIDA PENDULA GRANDIFLORA

“AVALANCHE F1” SERIES

This is a unique group of overhanging hybrid petunias. When cultivated correctly, eight colour shades create a true “avalanche” of large flowers in bright and pastel colours. Flowers can reach 7–9 cm in diameter. Young plants are erect at first. Only after having grown, does their own weight make them fall and spread further in cascades. It is important to replant them correctly and to keep the plants growing continuously.

Very impressive in balcony flower boxes, large hanging baskets and bowls etc. The ideal location is in a sunny area. They need regular watering and fertilisation during the whole vegetation period.





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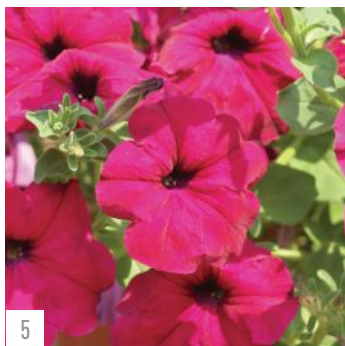
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01 E494
Avalanche F1 Red

02 E216
Avalanche F1 White

03 E634
Avalanche F1 Salmon

04 E635
Avalanche F1 Rosa

05 E636
Avalanche F1 Purple Red

06 E637
Avalanche F1 Purple Red Star

07 E727
Avalanche F1 Yellow Star

Pale yellow flower with distinctive deep yellow veins coming from the centre and creating a star formation.

08 E728
Avalanche F1 Blue Star

star-type bicolour white and deep blue, unique combination of colours



11-13 weeks



7-9 cm



overhang
50 cm



flower pots /
boxes



pellets /
raw seeds

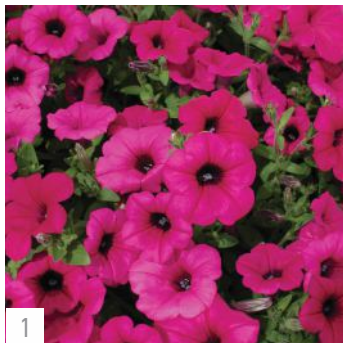
PETUNIA HYBRIDA SPREADING TYPE

“VELVET F1” SERIES

The “Velvet F1” series of varieties is intended especially for planting in containers such as flower boxes, hanging baskets or raised containers to emphasise their overhanging character. They create a massive cascade and bloom throughout the entire season. If cultivated correctly, they bloom on the whole surface of the plant. Thanks to the length of their overhanging shoots reaching 80–100 cm, the varieties of the “Velvet F1” group can compete with varieties grown from cuttings.

All “The Velvet F1” varieties can also be planted in flower beds where they grow together over a short period of time and create a flower carpet about 25 cm high. Excellent health, exuberant growth, blossoms of medium size and high seed germination are the great advantages of these varieties. Prices of seeds delivered are also attractive. The method of cultivation does not differ from other petunia groups. Plants have a creeping character from the very beginning. Proper nutrition has a positive influence on the length of the spreading cascade.





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01 **E315** **Velvet F1 Purple**

A time-proven and still very popular variety. Intense violet-purple blossoms with a dark throat, size 5.5–6 cm, plants create a cascade reaching 100 cm.

02 **E495** **Velvet F1 Salmon Shades**

An attractive variety with interesting flowers in fine pastel shades of salmon, flower size is 7–8 cm. The spreading cascade can reach about 80 cm.

03 **E314** **Velvet F1 Rosy**

This supplements the series with a new colour shade. The blossom is bright rose with a white throat. This colour contrast makes the variety even more attractive. Flower size is 6 to 7 cm. The plants are well-branched and bloom during the whole vegetation season. The variety creates an impressive cascade of about 80 cm.



11–15
weeks



overhang
80–100 cm



flower pots /
boxes



pellets

PETUNIA HYBRIDA GRANDIFLORA SPREADING TYPE

“DIAMOND F1” SERIES

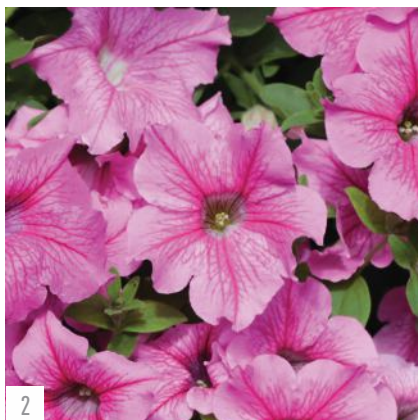
Globally unique series – a truly cascading petunia grandiflora grown from seed.

A group of original overhanging varieties from the Černý Seed Company, which can boast the largest spreading cascade among seed-grown grandiflora varieties. These well-branched plants grow luxuriantly and create an impressive 80–100 cm cascade. The varieties are rich in blossoms, the size of which is 7.5–10 cm. They are intended for planting in raised flower containers, window boxes and big hanging baskets, which can show their overhanging character to good advantage. They can also be used for bed planting. The plants have a creeping growth habit. They grow together in a short period of time, creating a colourful carpet about 20–25 cm high. Like all luxuriantly growing petunias, they are more demanding on nutrients.

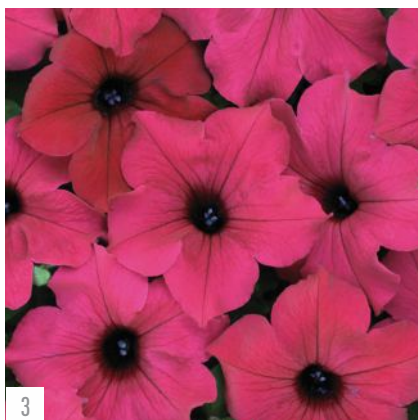




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01 **E009** **Diamond F1 Pearly Shades**

This variety creates an abundance of blossoms in fine shades of pearl-light violet, flower size is 7.5–8 cm, cascade 80 cm.

02 **E022** **Diamond F1 Rose Vein**

Generates lovely branched and very abundantly blooming plants with an overhang reaching 80 to 100 cm when planted in containers. The blossom, with a diameter of 8 to 10 cm, is pink with a thin, dark-pink venation pattern covering two-thirds of its surface.

03 **E004** **Diamond F1 Purple**

Intense dark purple-dark violet, flower size 7.5–8.5 cm. Spreading cascade 100 cm. Luxuriant growth.



11–15
weeks



overhang
80–100 cm



flower pots /
boxes



pellets



PETUNIA HYBRIDA GRANDIFLORA FIMBRIATA NANA

A group of traditional varieties with fringed flower edges. Thanks to the interesting colour combinations and full blooms, the "Pozdrav z Jaromere" variety ranks among the mainstays of our range. They are especially suitable for sheltered places.





01 E218 Krajkový závoj

Large white flowers with corrugated and frayed edges, flower size 8 cm, plant height 35 cm, this variety is especially suitable for flower pots and boxes.

02 E219 Karkulka

A variety with large flowers with corrugated and frayed edges, flowers 6 cm in diameter, beautiful colour, dark pink-violet spots and stripes on a white background, height 35 cm, suitable for both flower pots or boxes and flower beds.

03 E217 Pozdrav z Jaroměře

Large flowers 6–7 cm in diameter, pink and violet stripes on a white background, 50% of plants have double flowers, 50% of plants have single flowers, height 35–40 cm.



12–14
weeks



35 cm
(E217
35–40 cm)



flower pots /
beds



pellets /
raw seeds

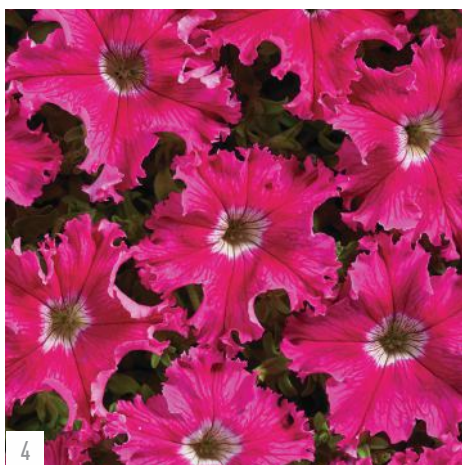
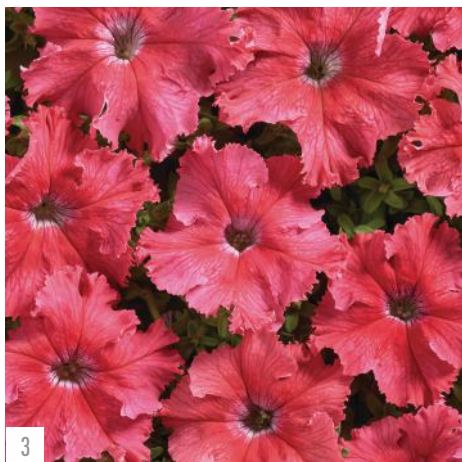
PETUNIA HYBRIDA GRANDIFLORA FIMBRIATA NANA

“APHRODITE F1” SERIES

A group of hybrid varieties with rippled and fringed flower edges. These are resistant varieties which grow well and exuberantly. Can also be successfully grown in worse climatic conditions. The plants are bushy and grow to a height of 35 cm. Flower size is 8–9 cm.

Can be grown in flower beds or in boxes. If planted in a window box, they create a slight overhang. The plants flower abundantly.





01 E450
Aphrodite F1 Purple

02 E446
Aphrodite F1 White

03 E447
Aphrodite F1 Salmon

04 E448
Aphrodite F1 Rosy

05 E451
Aphrodite F1 Red

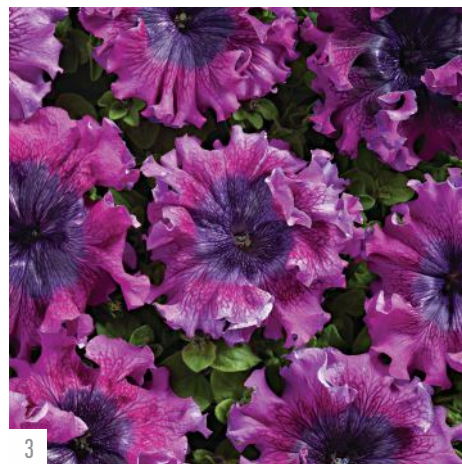
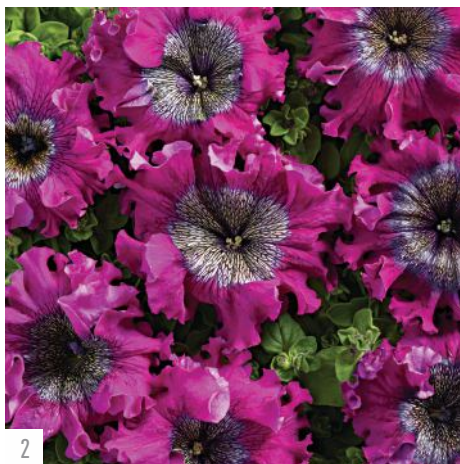


PETUNIA HYBRIDA GRANDIFLORA SUPERBISSIMA NANA

This group of varieties represents a speciality in our product range. They are especially appreciated for their giant flowers of unusual colours, which are about 16 cm in diameter and have ruffled and frayed edges. In contrast to usual diploid varieties these ones are tetraploid, which has an effect on their appearance and character.

The plants are robust, high, weakly branched. Especially suitable for flower boxes and containers but they can be used successfully as bedding plants as well.





01 **E220**
Rosea
pink

02 **E221**
Wine Red

03 **E222**
Dark Purple

04 **E223**
Černý's Triumph

Pink and violet shades on a white background, parts of plants with double flowers and parts of plants with single flowers.

05 **E882**
Alba

Free-flowering, white ruffled flowers with dark veins in the throat, flowers become light purple under higher temperatures, plants are robust, vital, resistant to climatic conditions.



13-15
weeks



up to
16 cm



flower pots /
beds



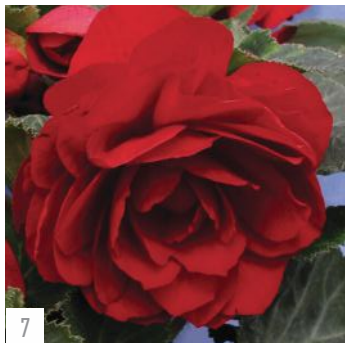
pellets /
raw seeds

BEGONIA TUBERHYBRIDA GIGANTEA FL. PL.

A group of classic, popular and widely grown varieties. Plant height can reach 30–35 cm. They are robust with strong stalks. These free-flowering varieties have large camellia-form flowers, almost 100% of which are double.

The ideal location is in partial shade. They can also be grown in sunny areas when watered sufficiently. They are characterised by their resistance and full flowering until the first frosts. Varieties are also suitable for bulb production.





01 E043
White

02 E044
Yellow

03 E045
Orange

04 E046
Salmon

05 E047
Deep Rose

06 E048
Vermilion-Red

07 E049
Dark Red

08 E050
Mixture



17-20
weeks



12-15 cm



30-35 cm



flower pots /
boxes / beds



pellets /
raw seeds

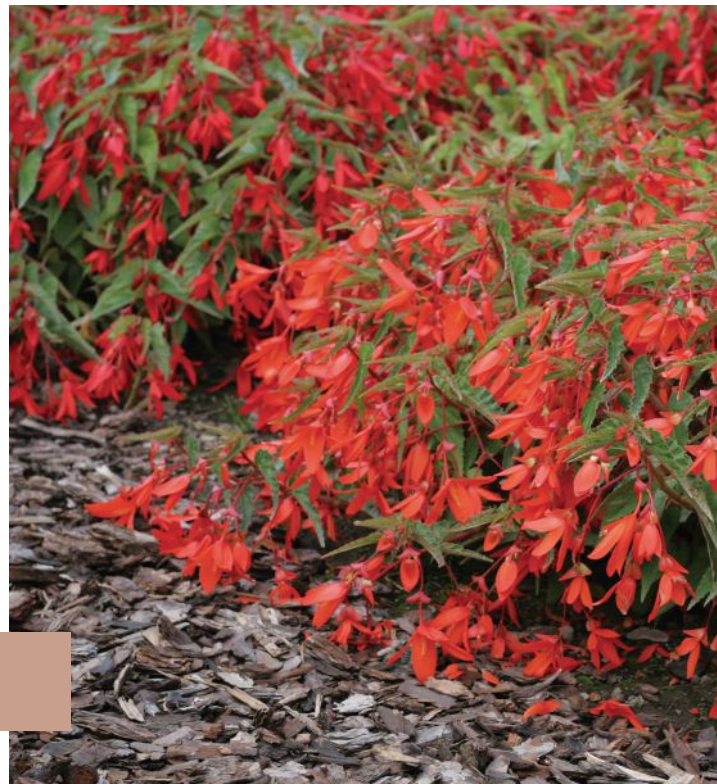
BEGONIA BOLIVIENSIS

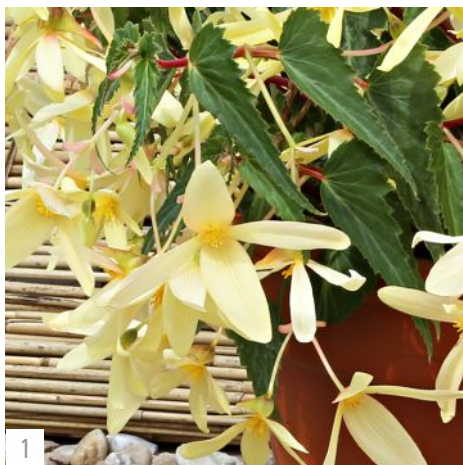
"COPACABANA F1" SERIES

Varieties grown from seed

A good alternative to varieties propagated by cutting. Compact habit during production. Six colours available, bell-shaped flowers, flower size 6–7 cm, plant height in flower beds 35 cm. Tolerant to a wide range of cultivation conditions: drought, rain, full sun and shade.

When we compare this new product to other types of begonia, it performs excellently in places exposed to full sunlight. It significantly extends the possibility of using these new varieties in plantations.





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Ideal for big hanging baskets, containers and garden beds.

Young plants have erect growth first and later produce a large quantity of side shoots. They create a small overhang in boxes. The growth in garden beds is decumbent.

Excellent seed quality. Available only as pellets.



14–16
weeks



6–7 cm



overhang
60–80 cm,
35 cm on the
flower beds



flower pots /
beds



pellets

01 **E153**
Copacabana F1 Yellow

02 **E151**
Copacabana F1 Red

03 **E149**
Copacabana F1 Orange



BEGONIA BOLIVIENSIS

01 E150
Copacabana F1 Salmon

02 E152
Copacabana F1 White



14-16
weeks



6-7 cm



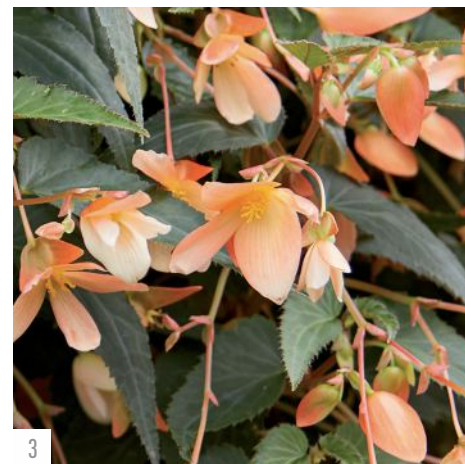
overhang
60-80 cm,
35 cm on the
flower beds



flower pots /
beds



pellets



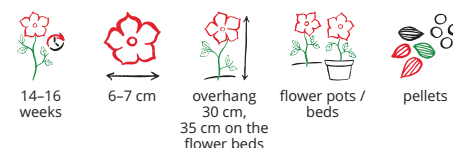
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03 E144 **Copacabana F1 Tricolour**

A colour which is unique even on a global scale, a combination of apricot, cream and yellow shades. These plants are already more compact than other varieties in this series during the planting stage. The young plants grow to a height of 13–15 cm, the flowers have a wealth of branches and grow exuberantly.

The final height is 30–35 cm. Exuberant bloom and creation of an effective overhang of medium length are the natural characteristics of this variety.



BEGONIA TUBERHYBRIDA PENDULA MULTIFLORA FL. PL.

“CHANSON F1” SERIES

“Chanson F1” is a group of popular hybrid spreading begonias with double and semi-double flowers. It offers the complete range of colours that begonias can offer. Plants grown from seed start flowering early and continue until the first frosts. Plants usually create 5–8 main shoots, where regular camellia-form flowers on long peduncles appear behind every leaf. Flower size is 6–8 cm. Plants create a cascade of 30–45 cm. Can also be used for bulb production.

Ideal for flower boxes, hanging baskets and higher spots to show its spreading cascading character. The two bicolour varieties we offer are unique.





- 01 **E051**
Chanson F1 White
- 02 **E052**
Chanson F1 Yellow
- 03 **E053**
Chanson F1 Salmon
- 04 **E054**
Chanson F1 Orange
- 05 **E055**
Chanson F1 Clear Red
- 06 **E056**
Chanson F1 Deep Red
- 07 **E057**
Chanson F1 Mixture



17-20
weeks



6-8 cm



overhang
30-45 cm



flower pots /
boxes / beds



pellets /
raw seeds

BEGONIA TUBERHYBRIDA PENDULA MULTIFLORA FL. PL.

01 **E058**
Chanson F1 Creamy Yellow

02 **E762**
Chanson F1 Pink



17-20
weeks



6-8 cm



overhang
30-45 cm



flower pots /
boxes / beds



pellets /
raw seeds

03 **E606**

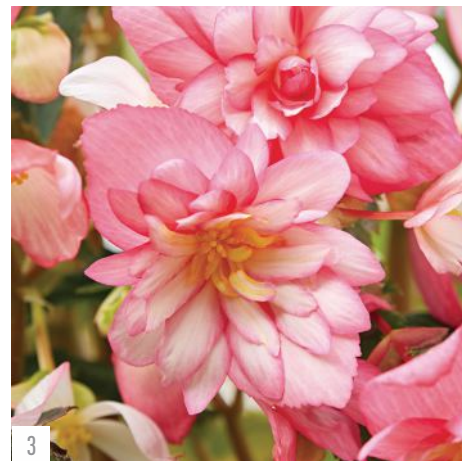
Chanson F1 Bicolour Pink and White

Offers a beautiful combination of white with distinctive pink edges.

04 **E607**

Chanson F1 Bicolour Orange and Yellow

Has a much more distinctive colour shade, which further increases the contrast of the beautiful combination of yellow with intensive orange edges.



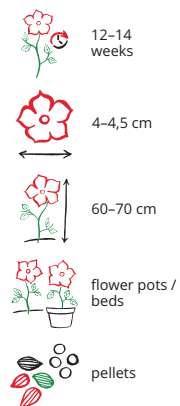
BEGONIA INTERSPECIFIC

“SENSATION F1” SERIES

This new group of interspecific hybrid varieties complements the current range of begonias to include a brand-new interesting type. These are highly resistant hybrid varieties which tolerate even the most extreme climatic conditions very well. These plants do not mind direct sunlight, heavy rain or shade.

They are characterised by robust growth and medium-sized simple flowers. Plants reach a height of 60–70 cm, branch abundantly and have a flower diameter of 4–4.5 cm. They flower abundantly from early spring until the first frosts. Cultivation time from sowing to flowering plants is 12 to 14 weeks. Suitable for planting in beds and large flowerpots, even, for example, in urban greenery. Planting is undemanding on maintenance.





VARIETY WITH BRONZE LEAVES

01 **E297**
Sensation F1 Pink

02 **E110**
Sensation F1 White

VARIETY WITH GREEN LEAVES

03 **E299**
Sensation F1 White

04 **E298**
Sensation F1 Pink

BEGONIA SEMPERFLORENS

An egg-shaped plant, well-branched. Specially cultivated for resistance to climatic conditions. Excellent results both in hot sunny weather and during rainy summers. Plants have a self-cleaning ability, there is no need to remove past blossoms or ovaries, continuous flowering until frosts. We recommend you plant 30-35 plants per square metre.





4



5



6



7



8



9



10



11

VARIETIES WITH GREEN LEAVES, PLANT HEIGHT UP TO 20 CM

- 01 **E023 Olomouc F1**
white
- 02 **E024 Lučenec F1**
bicolour, white flowers with a bright rose red edge
- 03 **E025 Boušín F1**
soft pink
- 04 **E026 Padolí F1**
pink
- 05 **E027 Podkrkonoší F1**
rose red
- 06 **E028 Skalka F1**
red

VARIETIES WITH BRONZE LEAVES, PLANT HEIGHT UP TO 20 CM

- 07 **E029 Ostaš F1**
white
- 08 **E030 Náchod F1**
bicolour, white flowers with a distinctive rose red edge
- 09 **E031 Strahov F1**
pale pink
- 10 **E032 Oreb F1**
dark pink
- 11 **E033 Broumov F1**
red

E034 Mixture of varieties F1
mixture of varieties with green and bronze-brown foliage



11-14 weeks



3-3,5 cm



up to 20 cm



flower beds



pellets / raw seeds

BEGONIA SEMPERFLORENS



11–14
weeks



3–3,5 cm



25–30 cm



flower beds



pellets /
raw seeds





**VARIETIES WITH GREEN LEAVES,
PLANT HEIGHT 25-30 CM**

- 01 **E035**
Variace F1 White
- 02 **E036**
Variace F1 Clear Pink
- 03 **E037**
Variace F1 Deep Pink
- 04 **E038**
Variace F1 Bicolour Pink and White
white flower with a distinctive rose red edge
- 05 **E039**
Variace F1 Scarlet Red

**VARIETIES WITH BRONZE LEAVES,
PLANT HEIGHT 25-30 CM**

- 06 **E040**
Akord F1 Clear Pink
- 07 **E041**
Akord F1 Deep Pink
- 08 **E042**
Akord F1 Scarlet Red

CATHARANTHUS ROSEUS

VINCA "VOLCANO F1" SERIES

Černý Seed is introducing the new **Volcano F1** group in the 7 best-selling colours: **Burgundy, Apricot, White, Polka, Red, Lavender** and **Orchid**. The varieties are intended for professional use and after trying them out, you are certain to agree with us that they really do represent the very pinnacle of contemporary breeding. We also recommend that you pay attention to their price, which is absolutely unrivalled.

Plants are well-branched, have a compact habitus and grow to a height of 25–30 cm. The crop time from sowing to blooming plants for sale is 8–10 weeks. The flowers have overlapping petals, an intense colour and diameter of 5.5–6.0 cm.

Volcano F1 plants are very resistant to diseases and stress factors. They tolerate heat, dry conditions and humidity well. They maintain their usual flower size and high colour intensity even under extreme conditions. They are perfect for use in various types of containers and also for planting in large beds.



8–10
weeks



5,5–6 cm



25–30 cm



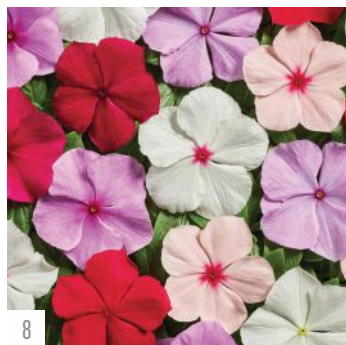
flower pots /
beds



raw seeds



★
**NEW
PRODUCT
2020**
★



- 01 **E1060**
Volcano F1 Apricot
- 02 **E1061**
Volcano F1 Burgundy
- 03 **E1062**
Volcano F1 Lavender
- 04 **E1063**
Volcano F1 Orchid
- 05 **E1064**
Volcano F1 Polka
- 06 **E1065**
Volcano F1 Red
- 07 **E1066**
Volcano F1 White
- 08 **E1067**
Volcano F1 Mix



TOP five reasons why to choose Volcano F1

- significantly larger flowers than O.P. varieties
- early and uniform flowering
- resistance to adverse weather and extreme conditions
- uniformity and compactness of plants
- a convincing price



CYCLAMEN PERSICUM POLYPETALLUM

A specific group of cyclamen flowers intended for cutting. They are characterised by their rigid and long flower stem which grows to a height of up to 30 cm. They create large full blooms made up of 7-11 petals. Their fragrance is pleasant. These characteristics fundamentally differentiate them from regular varieties.

They provide a rewarding source of material for cutting during the winter.





1



2



3

01 **E100**
Apollon
white

02 **E101**
Amor
light salmon pink with an eye

03 **E103**
Orfeus
red



52 weeks



25-30 cm



flower pots /
beds



raw seeds

CYCLAMEN PERSICUM – MINI

The origin of this group of varieties is to be found in the "Kleine Dresdnerin" type mini cyclamen. These are universal varieties which can be grown either as mini or medium-sized flowers depending on the size of the pot. They create beautiful plants, balanced in all parameters and highly stable. They grow well and are resistant to pests and diseases. They have a wide range of application for growers and also grow well under worse conditions.



40 weeks



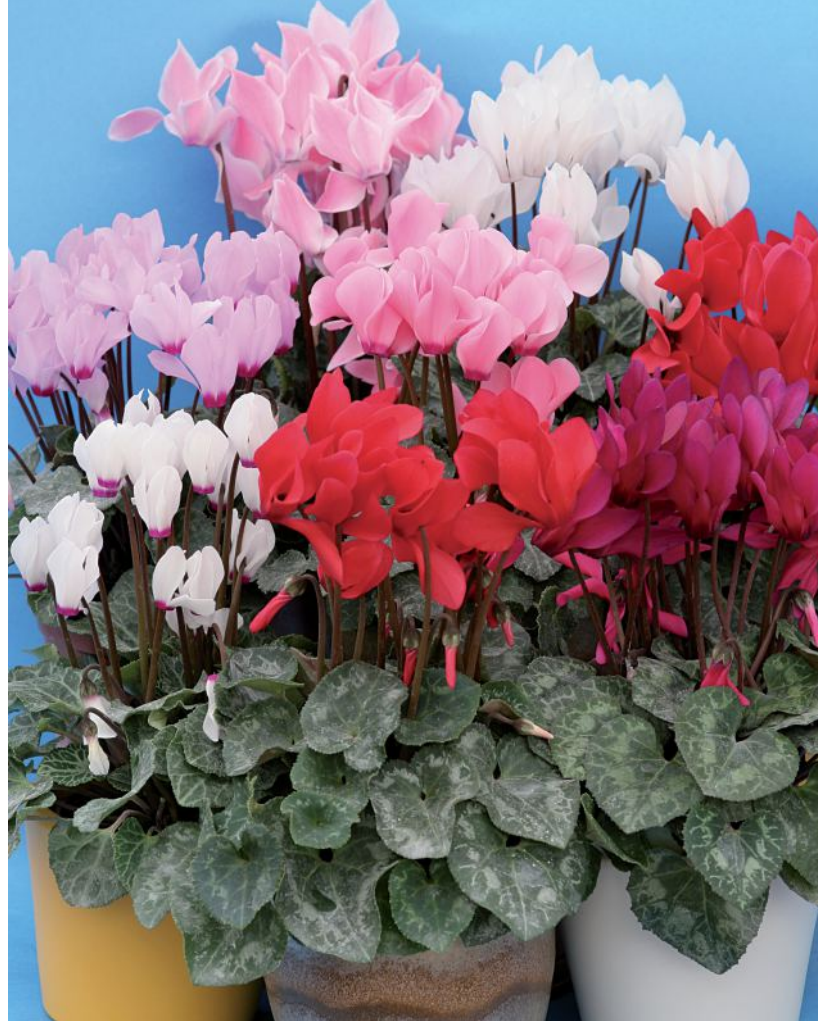
15-20 cm



flower pots /
beds



raw seeds





1



2



3



4



5



6

01 E105
Betti
salmon pink

02 E106
Gabi
bright red

03 E614
Rosemarie
light purple with a dark eye

04 E615
Brigitte
pure white

05 E616
Hilde
dark carmine pink

06 E715
Helga
two-coloured, light pink flower with
a distinctive white edge

PELARGONIUM × HORTORUM (GERANIUM)

“GREEN-LEAVED SERIES”

Plants in this range are characterised by a combination of the colour green and shades of brown on the edges of the leaves. Bright-coloured blossoms create massive inflorescences and flourish abundantly throughout the season until frosts arrive. Varieties are early, compact and have distinctive leaves. Their high resistance to pests and adverse weather is also characteristic.

At the peak of the growing season, these varieties reach a height of 25 cm (height without inflorescence) and including inflorescence, they reach a height of 35 cm. Plants reach 35 cm in width. During the season, each plant generates around 50 to 60 inflorescences, each with a diameter of 10–12 cm. The varieties are ideal for professional cultivation.



14–16 weeks



4–4,5 cm,
inflorescence
10–12 cm



without
inflorescence
25 cm, height
in total 35 cm



flower pots /
boxes /
beds



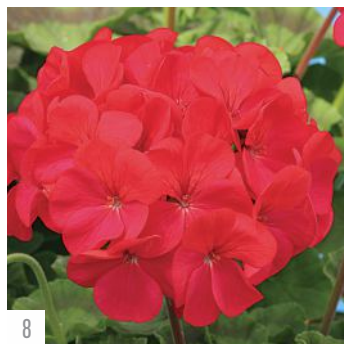
scarified
seeds



1



2



- 01 **E367 Vlasta F1**
red with a white eye
- 02 **E786 Lucie F1**
orange
- 03 **E183 Jitka F1**
salmon
- 04 **E182 Jarka F1**
light pink fading into crimson pink, leaves have a distinctive pattern
- 05 **E184 Alena F1**
dark red, leaves have a light pattern
- 06 **E187 Pavla F1**
violet and pink with a white eye, leaves have a distinctive pattern
- 07 **E180 Gizela F1**
bright red, leaves have a moderately distinctive pattern
- 08 **E186 Mirka F1**
carmine red, leaves have a moderately distinctive pattern
- 09 **E365 Regina F1**
light scarlet red, leaves have a very distinctive pattern
- 10 **E369 Eva F1**
red and violet, leaves have a very distinctive pattern
- 11 **E179 Blanka F1**
white, leaves have only the hint of a pattern
- 12 **E363 Simona F1**
pink and violet with a light red eye, leaves have a less distinctive pattern

PELARGONIUM × HORTORUM (GERANIUM)

"NIGHT F1" DARK-LEAVED SERIES"

These unique varieties from the "Night F1" series are characterised by their highly decorative brown leaves with a green border. The dark leaves are very effective in white pots. They can be used in countless horticultural compositions or in combination with green-leaved varieties. The method of growing and superb properties are the same as those you are used to with the green-leaved varieties which you know so well. These plants are extremely resilient and love direct sunlight. The final height in a bed can reach 35 cm and flowers grow to 10–12 cm in diameter. Seeds are supplied already scarified with excellent germinating capacity.





1



2



3



4



01 E860
Night F1 Rose
 violet-pink, dark leaf with a thin green border

02 E861
Night F1 Salmon
 salmon-coloured flowers, brown leaf with a thin green border

03 E862
Night F1 Scarlet
 bright shades of light red, brown leaf with a thin green border

04 E863
Night F1 Violet
 deep red-violet flowers, dark leaf with a thin green border



14-16 weeks



4-4,5 cm,
 inflorescence
 10-12 cm



without
 inflorescence
 25 cm, height
 in total 35 cm



flower pots /
 boxes /
 beds



scarified
 seeds

HISTORY OF THE “ČERNÝ SEED COMPANY”

**160 years of history of gardeners and flower breeders
from the Černý family in Jaroměř**

The Founders

The story of the company began all the way back in 1859, five generations ago, when it was founded by the ancestor of the current owners, the passionate gardener and seed trader Ferdinand Hlaváček (1822–1897) together with his wife Terezie (1830–1896). They began gardening on the site of the current gardens, although these looked completely different back then and only started to grow slowly. The valley, bordered on the one side by the slopes of Klouzkova Hill and on the other side by a railway embankment, was more of a waterlogged meadow than a place to grow flowers. It also had more than 25 owners. Ferdinand bought a small house on the edge of the valley, a former match factory, a bit of land to go with this and set to work. He gradually started to buy up land, to reclaim the marshland and after thirty-six years of tiring work, was able to boast a garden roughly 1.5 strikes in size (approx. 4,000 m²).

His greatest passion was however vegetable and flower seed trading. He sold seeds for foreign and also tried and tested regional varieties. A metal snuff tin is still kept by the family to this very day – brought by a Dutch seed trader who wanted to get to know one of his good customers. At that time,



František Černý (1865–1925) and Marie Černá (1866–1932),
née Hlaváčková

seeds were mainly sold at market, so he travelled with his goods all over the region, but also to the famous markets in Brno and Prague. He was a savvy trader and used to say to his daughter: “Remember, Mařenko, that a dishonest penny will surely lead to no wealth.”

Even though he was born into very poor circumstances and gained practically no education, he died as a respected gardener and citizen of Jaroměř.

Artistic Gardening

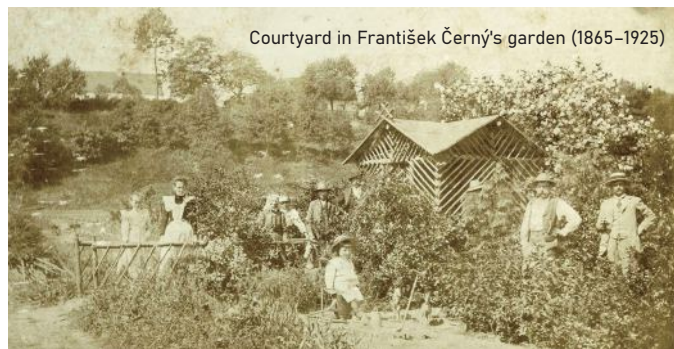
František Černý (1865–1925) married into the Hlaváček garden centre in 1896. He learned gardening at the chateau in Smiřice nad Labem and worked in Moravia after that. In 1888, he was appointed gardener at the Hohe Warte Park owned by the Rothschild family in Vienna, even more famous than the gardens at Schönbrunn. It is no exaggeration to say that this was the university of the gardening arts. However, František wanted to gain his independence. After having successfully managed land-scaping for the “Music and Theatre Exhibition” in Vienna in 1892, he was recommended to Prince Radziwill as head gardener in the Russian part of Poland, but in fact started work with his relatives, the Rembelinský family in Krośniewice. He was given a luxurious flat, horses, a carriage, a sleigh and a good wage.



Ferdinand Hlaváček (1822–1897)



Terezie Hlaváčková (1830–1896)



Courtyard in František Černý's garden (1865–1925)

While visiting Jaroměř, he met Marie Hlaváčková. She charmed him and they got married. From chateau parks, he found his way to vegetable growing and seed production. From orangeries with foreign flowers, to commercial gardening. He honoured traditional practices, never taking a liking for seed production. He preferred to devote his time to growing flowers and excelled in artistic flower arrangement. He also had other cultural interests. He enjoyed reading, wrote short stories, acted and painted. A white Niphetos climbing rose bush, which flowers all year round, still grows in our greenhouse to this very day. František planted this bush in order to be able to make up bouquets – even in winter.

Marie Černá (1866–1932), née Hlaváčková, married František Černý as her second husband. She worked hard in the garden, but above all devoted her efforts to the commercial side of the operation of the garden centre – she travelled to market. This was held in Jaroměř every Friday and was the main place for the sale of cultivars, but also seeds.

Seed Producers – Breeders

Another ancestor of the family, František Černý (1896–1968), returned to seed production. His father did not want him to follow him into gardening. He saw how much hard work it was and imagined his son's future differently. František was however born a gardener and in the end managed to fight for his beloved career.

When his father was already very ill, František married Marie Mojžíšová (1903–1987) from an old gardening family from Náchod. After his father's death, he specialised the business with a focus on seed production with a clear goal: to shake the monopoly of German companies. They started to engage in breeding of petunias and later also begonias, lily-of-the-valley, salvia, cyclamens and cineraria.

In fact, this happened quite by chance. František saw some planters in front of a seed company in Hradec Králové with large-flowered overhanging petunia. They literally enchanted him and so he set out for the promised land of petunias, Germany. He planted his first petunia in 1927 and starting the next year, tried different possibilities for pollination and selection of the most suitable plants with his wife Marie. Their colourful colony grew.



Petunia h. fimbriata Maminka



František Černý (1896–1968)
with petunias



František (1896–1968)
and Marie Černá (1903–1987),
née Mojžíšová



František Černý (1865–1925)
with his apprentices

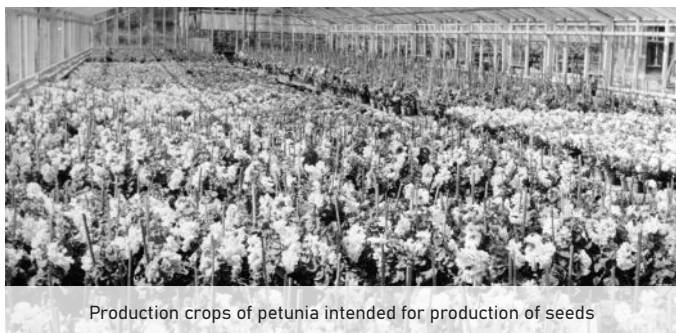


František Černý (1865–1925)
with his young son František
(1896–1968)

In 1934, the Černý family launched their first own variety "Karkulka", which we offer in our range in a modified form to this very day. Then came other original varieties. The petunias were joined by permanently flowering begonias and tuberous begonias.

Marie Černá devoted her whole life to breeding tuberous begonias and the result of this is beautiful full-flowered resistant varieties.

The Černý Seed Company gradually made its mark and production was already unable to meet demand after the war. In 1950 however, František had to lease his business to the state and it was completely expropriated ten years later. Despite this, he did devote the rest of his life to flowers. He too had a lot of cultural interests. He enjoyed reading, acted in the theatre and kept in contact with people from the artistic world. He was active in gardening social life, regularly writing for the professional press. He was a characteristic and respected personality in the field of gardening.



Production crops of petunia intended for production of seeds



Jan Černý (1928–1980)
next to hotbeds with cyclamen

Hybrid Breeding

After World War Two, flower breeding in Jaroměř reached a completely new level. The person responsible for this was František Černý's son Jan (1928–1980).

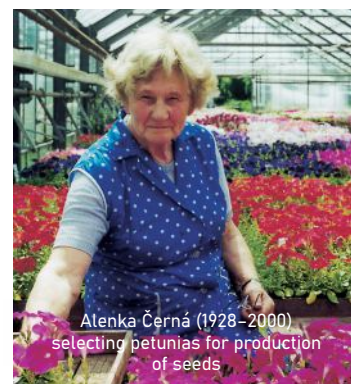
Jan first learned the gardening trade with his father. He met his future wife Alenka Prokopová (1928–2000) at the gardening school in the Moravian town of Lednice, where everybody who was truly interested in this field caught up with their education after the war. Alenka also came from a gardening family. Jan then continued his studies at the Agricultural University in Brno. As a student, he became acquainted with a pioneer of the new heterosis method, Professor F. Frimmel. This truly fateful meeting led him to start breeding hybrid varieties.

In 1959, Jan Černý launched the first hybrid variety of permanently flowering begonias onto the market, the Turov F1. In 1960, he launched the first hybrid petunia variety, the Lavina Bílá F1. He gradually bred a comprehensive range of hybrid varieties of these flowers. His wife Alenka also participated in breeding many of these.

His varieties were judged to be the best in international comparative trials in Hannover. These varieties won several awards at garden shows. One of his dreams come true was the yellow petunia, a shade which does not naturally occur in petunias.



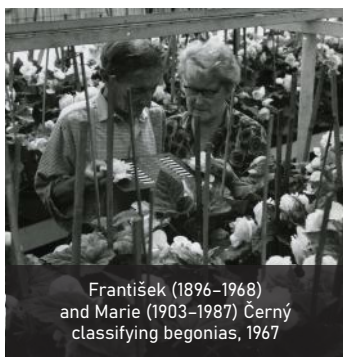
Jan Černý (1928–1980)
and Alenka Černá (1928–2000),
née Prokopová



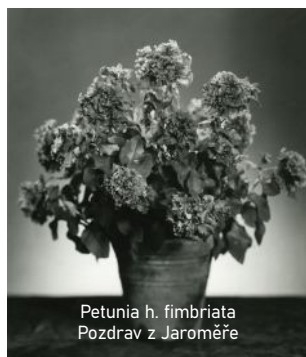
Alenka Černá (1928–2000)
selecting petunias for production
of seeds

Jan Černý became an important and respected breeder on an international scale. He also took an interest in the public greenery in Jaroměř and performed an inventory of this. He died suddenly in 1980. The valuable genetic material was only preserved in its scope and quality thanks to his wife Alenka. It was not easy to perform the duties which were originally performed by three people. The scope of breeding work was huge.

The nationalised enterprise was incorporated for several years into the Sempra state enterprise. Despite various problems, the Černý family was able to continue the breeding work they had started. The fruits of these efforts are modern varieties of petunia and begonia which flower fans in the Czech Republic and abroad have taken pleasure in for several years now.



František (1896–1968)
and Marie (1903–1987) Černý
classifying begonias, 1967



Petunia h. fimbriata
Pozdrav z Jaroměře



Jan Černý (1928–1980) with his father
František Černý (1896–1968), 1967



Petunia h. Diamond Pearly Shades F1

Jan Černý (1957–2016)
at work breeding

Rebirth and Present Day

A representative of the next generation, Jan Černý (1957–2016), also devoted his life to flower breeding. The result of this is a range of modern hybrid varieties of begonia and petunia.

Jan studied plant genetics at the Faculty of Science at Charles University in Prague. While still studying at university, he married Vlasta, née Broučková in 1978. Their first son, Jan, was born in 1978, a daughter, Veronica, in 1980 and a second son, Jakub, in 1991. After certain disagreements with the management of the then state-owned enterprise Semptra, he had to abandon his work for a short period in 1988. He did not however lose contact with the breeding station in Jaroměř.

Then something happened at the start of 1991 which nobody had dared to hope for anymore. The gardening business was returned to the hands of its original owners, the Černý family, within the framework of restitution and successfully built on its past tradition. After November 1989, Jan Černý also got involved in public life in Jaroměř, where he was politically active for three electoral terms (1990–2002) as city councillor and for two electoral terms (1990–1998) as a member of the town council. Jan enjoyed music – attending concerts by his favourite musicians and bands and took a passionate interest in cinematography. He also had a lifelong interest in art and very much enjoyed travelling.

His two sons Jan Černý (1978) and Jakub Černý (1991) currently work in and manage the company. They already represent the sixth generation to continue the family tradition. Both among other things studied at the Secondary Horticultural School in Mělník and at the Faculty of Horticulture at Mendel University in Brno. The team of experienced workers, some of which have been working in the company for more than 25 years, guarantees the high quality of seeds produced.

The Černý Seed Company is nowadays a highly specialised breeding and seed production company. It is currently the only company in the Czech Republic to launch new F1 hybrid flowers which it has bred itself onto the market every year. The seeds which are produced are constantly gaining in popularity and are successfully distributed to customers all around the world. Plants which come from Jaroměř are thus nowadays grown not only in Europe, but also in Asia, America or for example on the Arabian Peninsula.

Since 1934, the Černý family has bred more than 130 original varieties of petunia, begonia, cyclamen, lily-of-the-valley and other types of flowers. Varieties bred in Jaroměř have won several medals at international exhibitions and have been awarded the “Novitas Olomucensis” prize three times. However, the most important thing is the fact that they have retained their popularity among gardeners and flower fans the whole time.



Jan Černý (1957–2016) with his mother
Alena Černá (1928–2000)



Jan Černý (1957–2016) with his sons –
Jan (1978) from the left and Jakub (1991) from the right



František Černý (2015) next to the Niphetos
climbing rose bush, planted by his great-great-
grandfather František Černý (1865–1925)

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