



Cerný

2021-2022

**FLOWER
SEED
CATALOGUE**



Introduction

Ladies and gentlemen, dear colleagues,

At a time when the borders are formally closed and direct contact with people broken off, the means of communication we are left with are limited. A key one for us however is our seed catalogue, a catalogue which is published regularly every year. This is our message to you, proof on paper of our work, a piece of us and our company which you can hold in your hand and actually touch. There is a lot of work not only behind the products presented, but also behind this publication. Just like our new varieties, it is created in the hands of our breeders, reproducing and giving material form to the results of their tireless work, and this is why we want the catalogue in itself to be just as beautiful as the flowers on offer there. It would be wonderful if it could also convey the unmistakable scent of flowers wafting out of our production greenhouses every time we open the door.

Just like every year, we have included a few new varieties for you. After the enormous success of the *Catharanthus roseus* Volcano F1 group which we introduced last year, the offer of new products is noticeably more modest, yet nonetheless interesting, all the more intense for it and the scope of the constantly expanding work of our breeders promises a lot of attractive new products over the coming seasons.

Fans of small-flowered low varieties will in particular appreciate the addition to the existing colour range of Petit F1 mini petunias. The newly launched **Petit F1 Blue** is one of the earliest blooming and most attractive in the series.

The **Dot Star F1 Red** petunia propagated by seed represents a revolutionary achievement in our breeding programme. The variety extends our portfolio of petunias with white dots and

spots which it was only possible to grow from cuttings in the past. It fittingly complements our two previously introduced varieties, the **Dot Star F1 Dark Violet** and the **Dot Star F1 Deep Pink**. The attractive white dots and spots really do now stand out against the deep red “background”.

We also managed to complete work on an improved version of the well-known large-flowered petunia **Sněň F1**. The variety is now more balanced, more compact, more resistant and meets the latest requirements of growers.

It is now already certain that the range of colours and colour combinations currently under preparation and to be launched in the future will pleasantly surprise you and perhaps even us. Our intensive breeding will take the path of uniqueness and novelty, not just following the existing trends, but setting them.

We would like to thank you for the confidence you have placed in us, for your cooperation and for enabling us to overcome all of the unexpected obstacles we encountered together as well as for allowing our joint business to enjoy healthy growth. We greatly appreciate the exceptional and friendly relationship we enjoy and look forward to further cooperation with you!

Respectfully yours
Jan Černý
Jakub Černý



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3



1

01 *Petunia hybrida miniflora*
E599 **Petit F1 Blue**

02 *Petunia hybrida multiflora nana*
E341 **Dot Star F1 Red**



03 *Petunia hybrida grandiflora nana*
E214 **Snění F1 - Improved**

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.



11–13
weeks



7–10 cm



40–45 cm



flower pots /
beds



pellets /
raw seeds



1



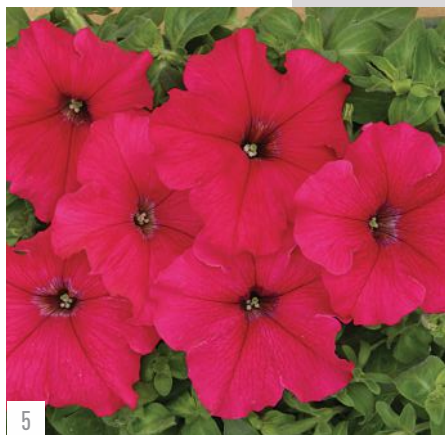
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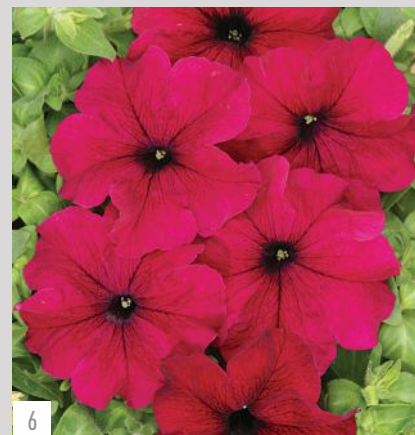
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10

- 01 **E207 Půvab F1**
white
- 02 **E208 Úsměv F1**
star-type red and white bicolor pattern
- 03 **E209 Láska F1**
red
- 04 **E210 Přátelství F1**
rose pink
- 05 **E211 Radost F1**
carmine rose
- 06 **E212 Touha F1**
burgundy
- 07 **E214 Snění F1 - Improved**
An improved type of one of the most popular and most attractive varieties of the group of large-flowered petunias. Richly blooming, flowers of light purple shades with distinctive purple veins. The plants are well-branched and highly compact.
- 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.

PETUNIA HYBRIDA GRANDIFLORA NANA

“MISTRAL F1” SERIES

“Mistral F1” is a group of modern well-performing varieties 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.



10-11
weeks



8-10 cm



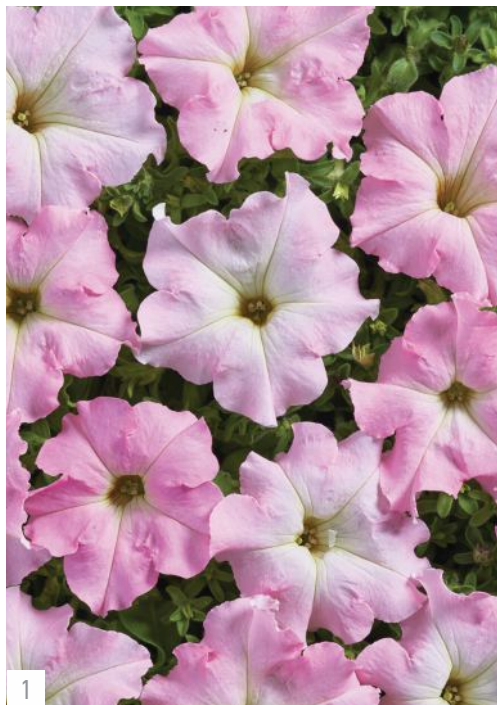
30-35 cm



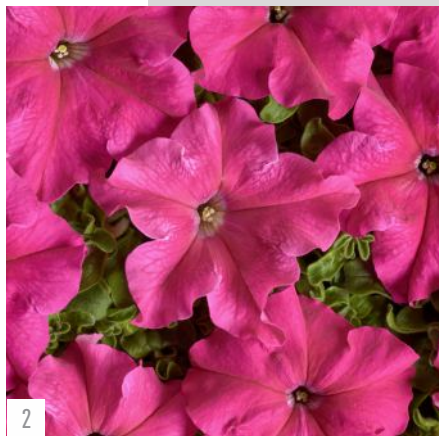
flower pots /
beds



pellets /
raw seeds



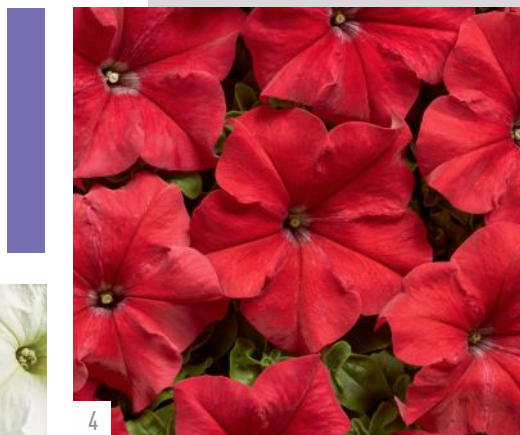
1



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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

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 use in city parks and gardens.



11-13
weeks



5.5-6.5 cm



30-35 cm



flower pots /
beds



pellets /
raw seeds



1



2



3



4



5



6



7



8



9



10

- 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

PETUNIA HYBRIDA MULTIFLORA NANA

Special varieties of petunias with unusual colours and colour combinations.

01 **E538**
Alenka F1

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

This shade, unique in the world, provides a completely new dimension to the group of multiflora veins in a star petunia. 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. The diameter of the blooms ranges from 5.5 to 6 cm.



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 gets 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

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.



11-13 weeks
(Claudia F1 -
11 weeks)



5.5-6.5 cm



30-35 cm



flower pots /
beds



pellets /
raw seeds



- 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

PETUNIA HYBRIDA MULTIFLORA NANA

Original breeding by the Černý Seed Company

“DOT STAR F1” SERIES

A unique trio of petunias with white dots and spots

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. Available only as pellets.



11–13
weeks



6–7 cm



30–35 cm



flower pots /
beds



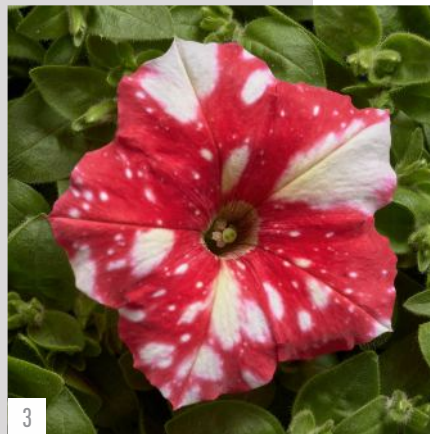
pellets



1



2



3



- 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
- 03 **E341**
Dot Star F1 Red
bright red 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.



10-11
weeks



4-5 cm



20 cm



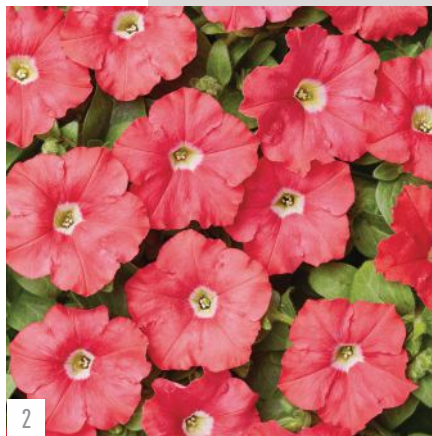
flower pots /
boxes



pellets



1



2



3



4



01 **E596**
Petit F1 Red

02 **E595**
Petit F1 Deep Salmon

03 **E597**
Petit F1 Violet

04 **E599**
Petit F1 Blue
This is the earliest variety in the series, blooming after 9-10 weeks from sowing. Richly blooming with small flowers of a deep blue colour.

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

06 **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.



5



6

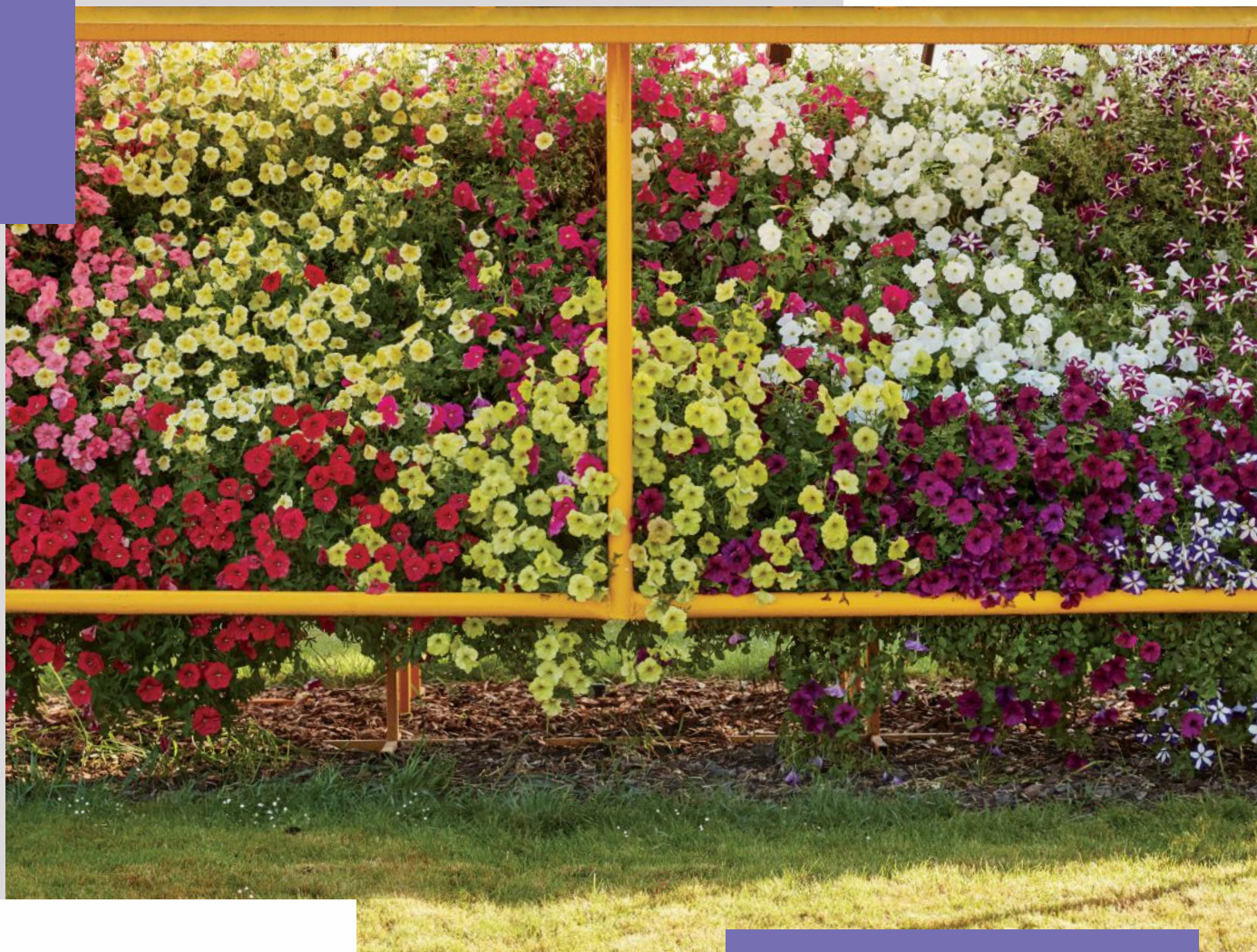


PETUNIA HYBRIDA PENDULA GRANDIFLORA

“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.



11–13
weeks



7–9 cm



overhang
50 cm



flower pots /
boxes



pellets /
raw seeds



1



2



3



4



5



6



7



8

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

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.



11–15
weeks



overhang
80–100 cm



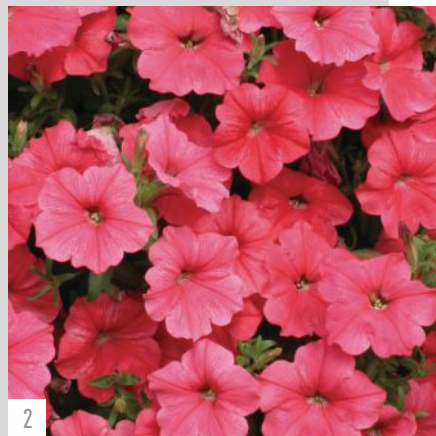
flower pots /
boxes



pellets



1



2



3



**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**

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.



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.



11–15
weeks



overhang
80–100 cm



flower pots /
boxes



pellets



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.

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 Jaroměře" variety ranks among the mainstays of our range. They are especially suitable for sheltered places.



12-14
weeks



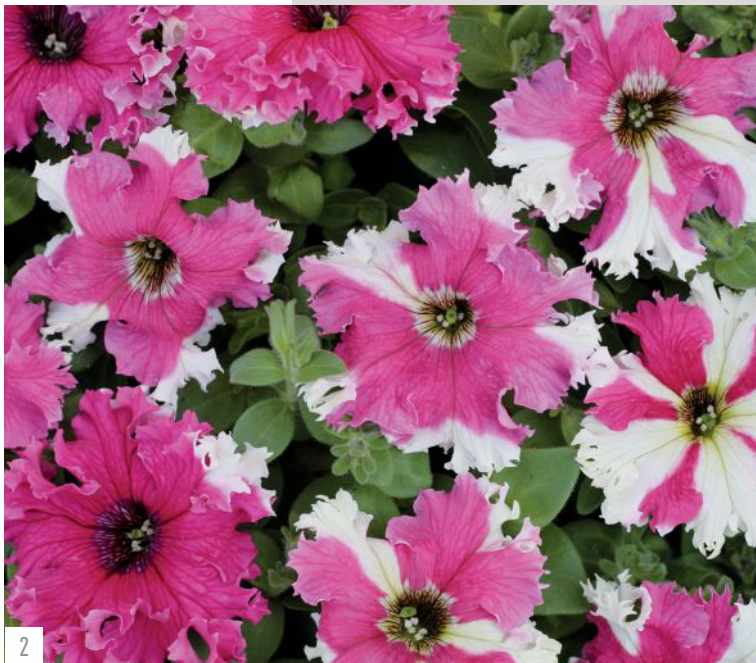
35 cm
(E217 35-40 cm)



flower pots /
beds



pellets /
raw seeds



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

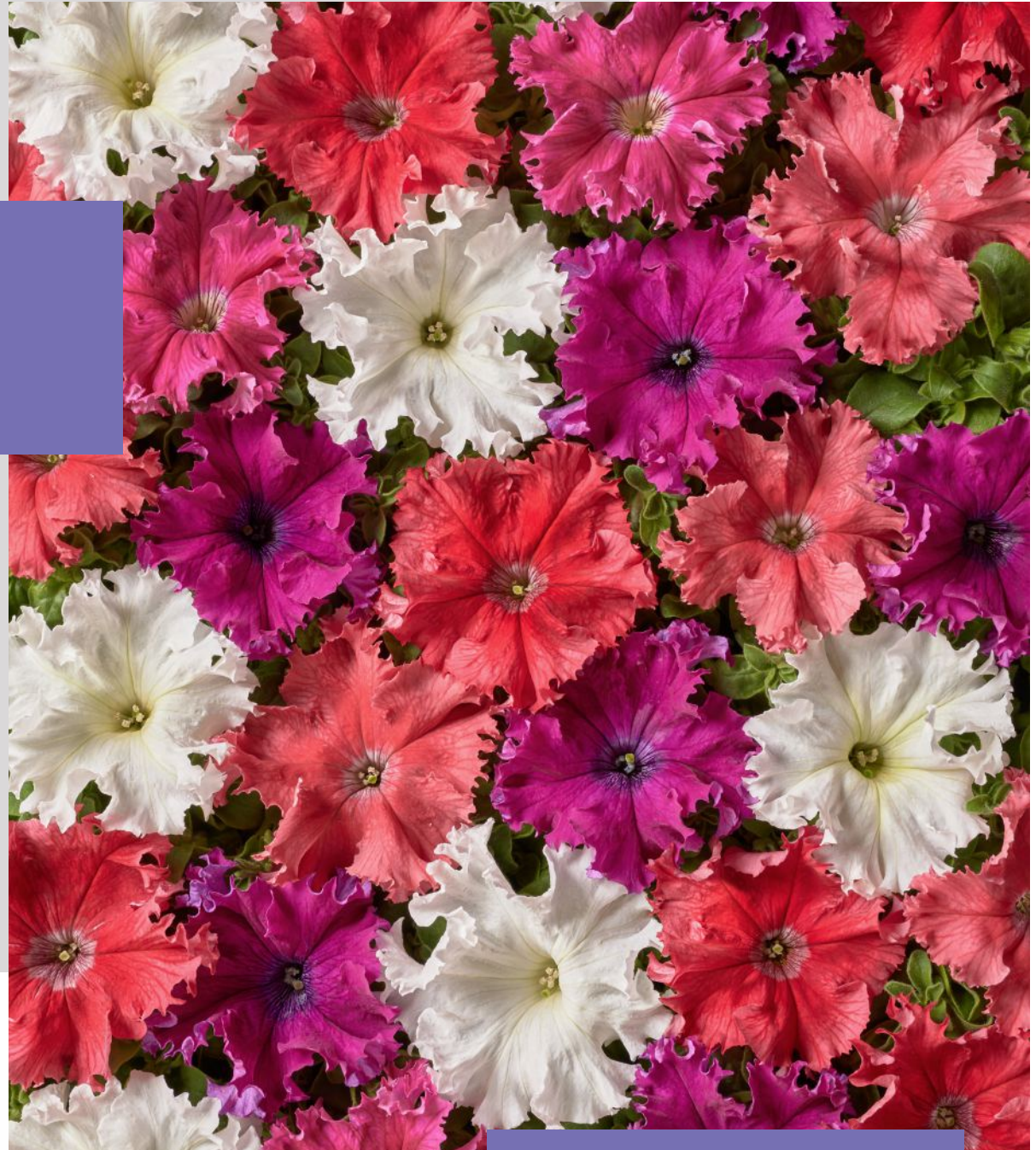
Large flowers 6–7 cm in diameter, pink and violet stripes on a white background, 50% of plants have double flowers, 50% of plants have single flowers, height 35–40 cm.

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.



11–13
weeks



8–9 cm



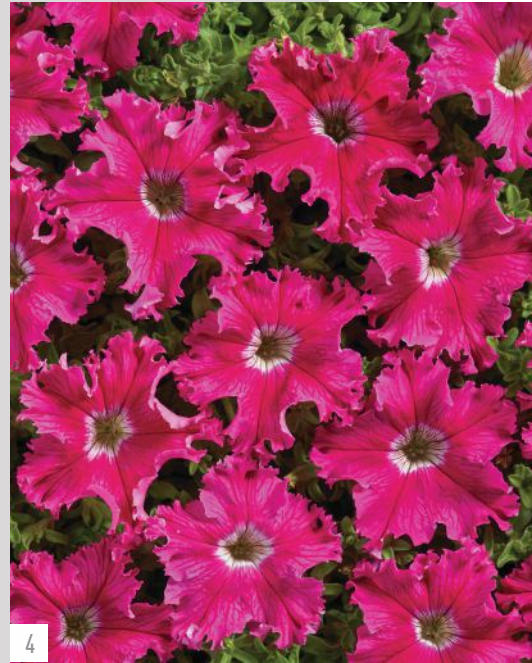
up to 35 cm



flower pots
/ beds



pellets /
raw seeds



01 E450
Aphrodite F1 Purple

02 E446
Aphrodite F1 White

03 E447
Aphrodite F1 Salmon

04 E448
Aphrodite F1 Rosy

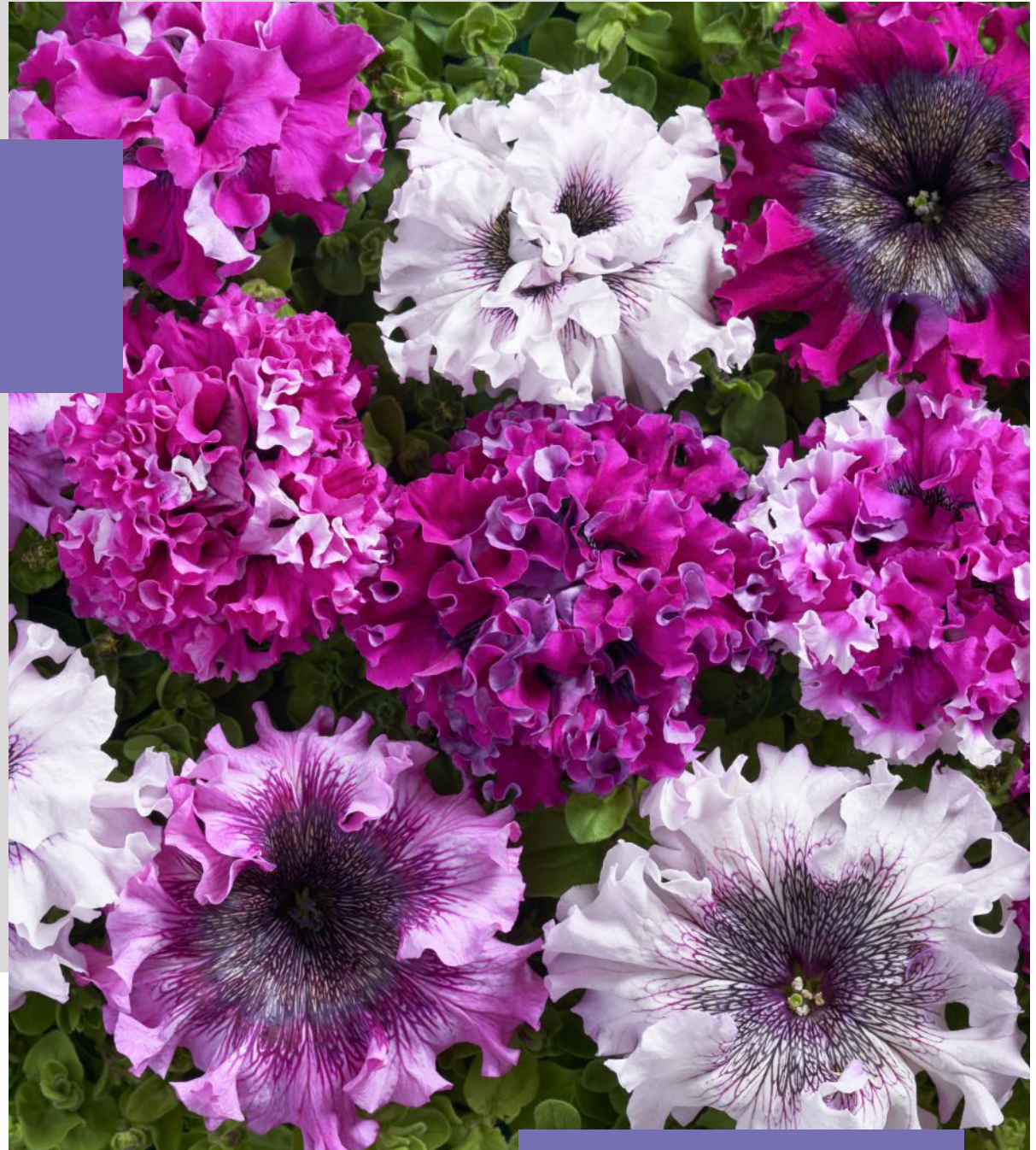
05 E451
Aphrodite F1 Red



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.



13-15
weeks



up to 16 cm



flower pots /
beds



pellets /
raw seeds



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.

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.



17–20
weeks



12–15 cm



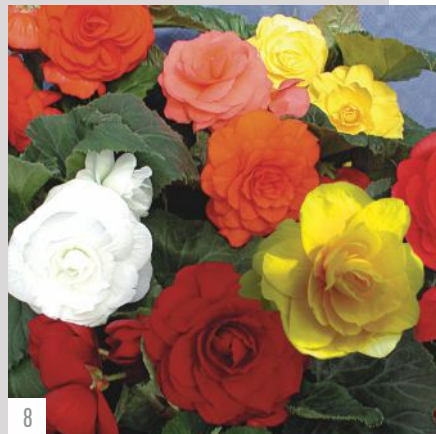
30–35 cm



flower pots /
boxes / beds



pellets /
raw seeds



- 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

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



14–16
weeks



6–7 cm



overhang
60–80 cm,
35 cm in flower beds



flower pots /
beds



pellets



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.

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 in flower beds



flower pots /
beds



pellets



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.



14–16 weeks



6–7 cm



overhang 30 cm,
35 cm in flower beds



flower pots /
beds



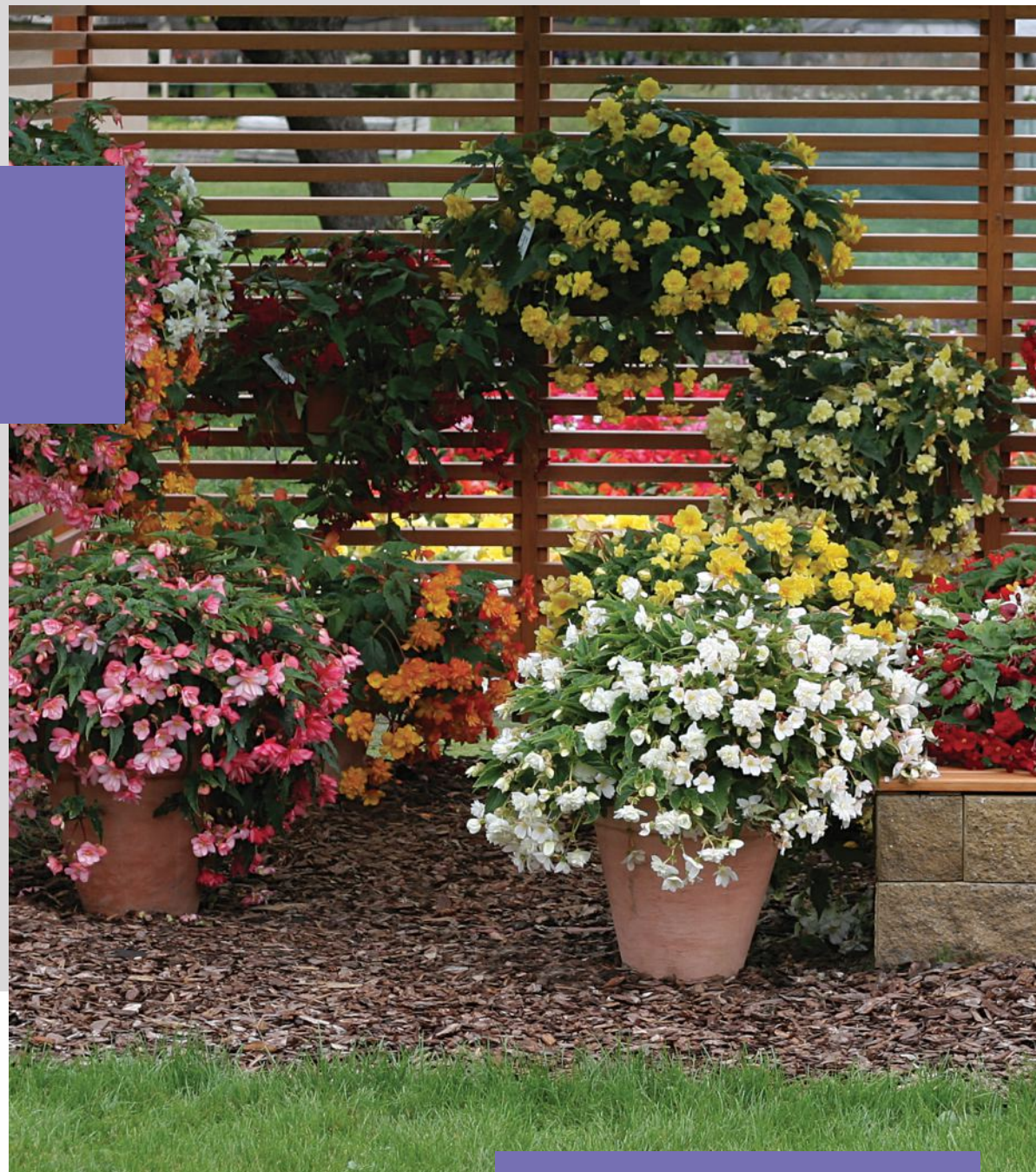
pellets

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.



17–20
weeks



6–8 cm



overhang
30–45 cm



flower pots /
boxes / beds



pellets /
raw seeds



- 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

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

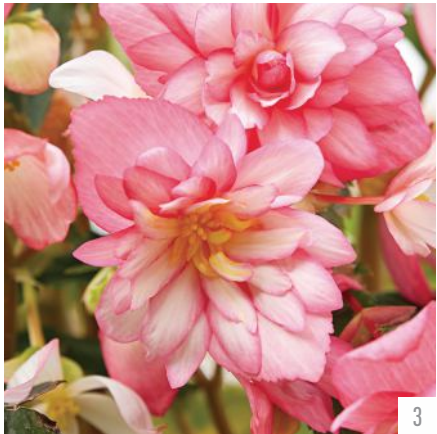


flower pots /
boxes / beds



pellets /
raw seeds





3



4



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 intense orange edges.



BEGONIA INTERSPECIFIC

“SENSATION F1” SERIES

This group of interspecific hybrid varieties complements the current range of begonias. 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.



12-14
weeks



4-4.5 cm



60-70 cm



flower pots /
beds



pellets





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.



11-14
weeks



3-3.5 cm



up to 20 cm



flower beds



pellets /
raw seeds



1



2



3



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 Lučeneč 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

BEGONIA SEMPERFLORENS



11-14
weeks



3-3.5 cm



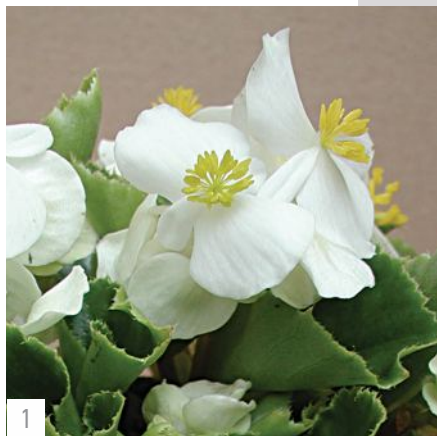
25-30 cm



flower beds



pellets /
raw seeds



1



2



3



4



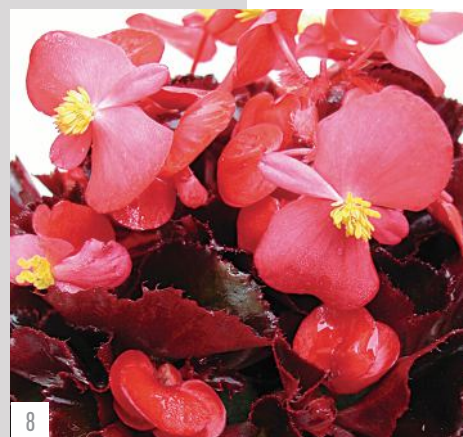
5



6



7



8

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 pleased to introduce the **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



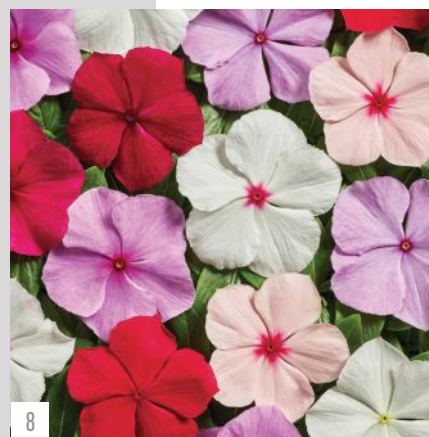
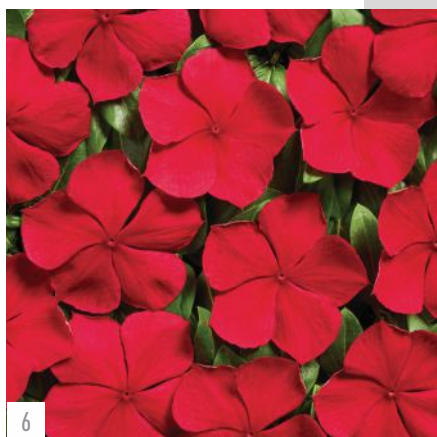
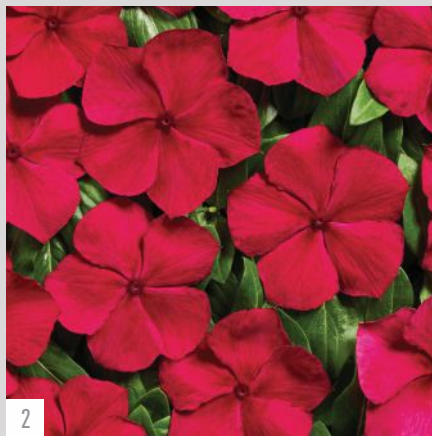
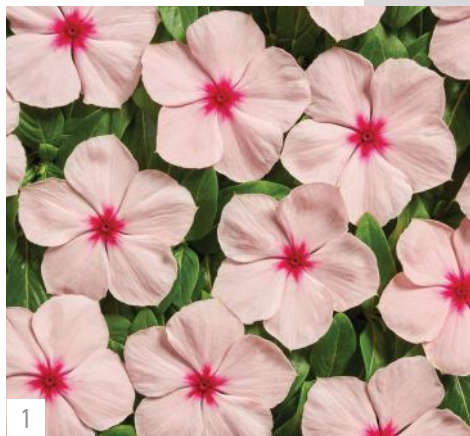
25–30 cm



flower pots / beds



raw seeds



- 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 for choosing the 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.



52 weeks



25-30 cm



flower pots /
beds



raw seeds



1



2



3



01 **E100**
Apollon
white

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

03 **E103**
Orfeus
red

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



3



4



5



6



7



8



9



10



11



12

- 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.



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



- 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



HISTORY OF THE “ČERNÝ SEED COMPANY”

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, 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



Ferdinand Hlaváček (1822–1897)

Terezie Hlaváčková (1830–1896)



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

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 landscaping 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.



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.

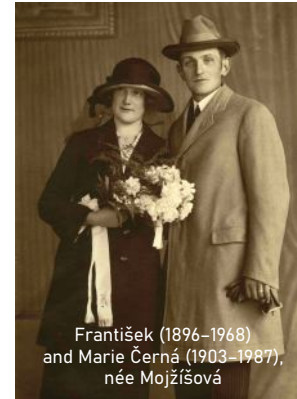
Marie Černá (1866–1932), née Hlaváčková, married František Černý as her second husband. She worked hard in the garden, but above all devoted her efforts to the commercial side of the operation of the garden centre – she travelled to market. This was held in Jaroměř every Friday and was the main place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



Petunia h. fimbriata Maminka



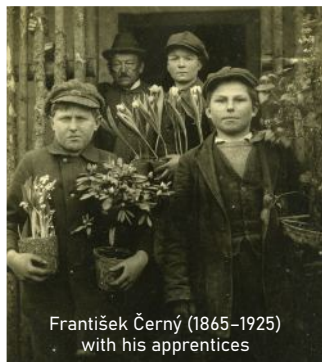
František Černý (1896–1968)
with petunias



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



Original permanently flowering
Niphetos climbing rose bush
planted by František Černý
(1865–1925)



František Černý (1865–1925)
with his apprentices



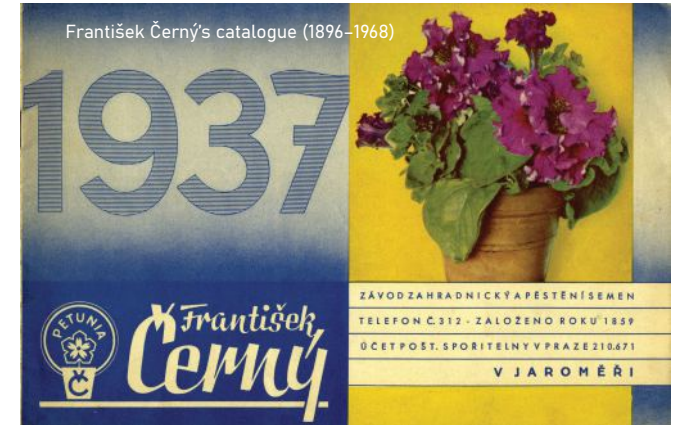
František Černý (1865–1925)
with his young son
František (1896–1968)

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.



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.



František Černý's garden
centre in the 1940s



Production crops of petunia intended for production of seeds



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



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

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.



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



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

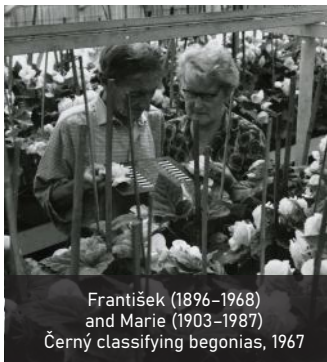
In 1959, Jan Černý launched the first hybrid variety of permanently flowering begonias onto the market, the Turov F1. In 1960, he launched the first hybrid petunia variety, the Lavina Bílá F1. He gradually bred a comprehensive range of hybrid varieties of these flowers. His wife Alenka also participated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

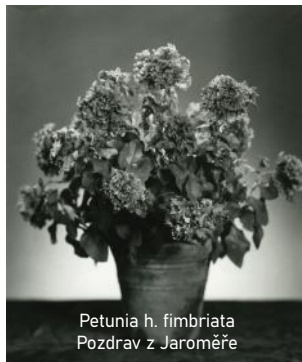
Jan Černý became an important and respected breeder on an international scale. He also took an interest in the public greenery in Jaroměř and performed an inventory of this. He died

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.

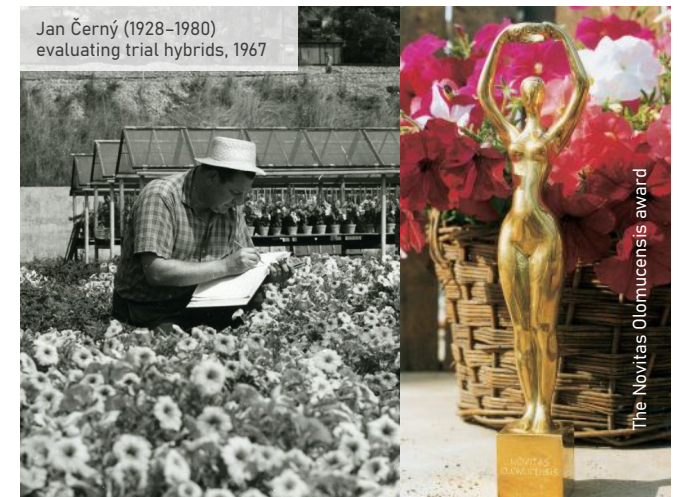
The nationalised enterprise was incorporated for several years into the Sempra state enterprise. Despite various problems, the Černý family was able to continue the breeding work they had started. The fruits of these efforts are modern varieties of petunia and begonia which flower fans in the Czech Republic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



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

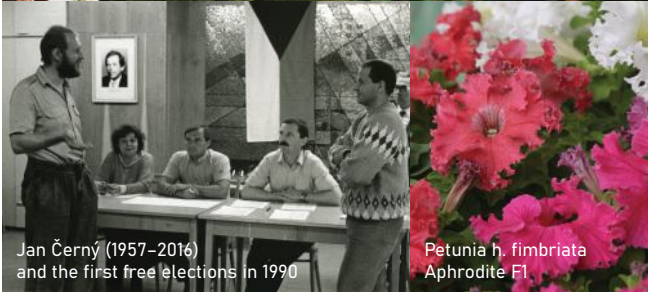


Petunia h. fimbriata Pozdrav z Jaroměř



Jan Černý (1928–1980) evaluating trial hybrids, 1967

The Novitas Olomucensis award



Jan Černý (1957–2016)
and the first free elections in 1990

Petunia h. fimbriata
Aphrodite F1

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



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

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 Sempra, 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.



Petunia h. Diamond Pearly Shades F1

Jan Černý (1957–2016)
at work breeding



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-great-grandfather František Černý (1865–1925)

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.

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