



HEMGENETICS

*Breeding to grow
your business*

NEW FOR 2018

COVERPHOTO:
CELLO RASPBERRY SURPRISE



Twinnny™ DOUBLE FLOWERED


F1 Antirrhinum majus

Twinnny is the first and only semi-double flowered F1 hybrid dwarf Antirrhinum series on the market. Twinnny is recommended for 10-12 cm (4-5 in.) pots and large containers. Its tolerance to hot and wet weather conditions results into an exceptional garden performance. Twinnny Peach is an All America Selections Winner.

- attractive semi-double to double flowers
- open faced or peloric flower form
- strong basal branching
- extremely long garden shelf life with excellent performance
- excellent for landscaping

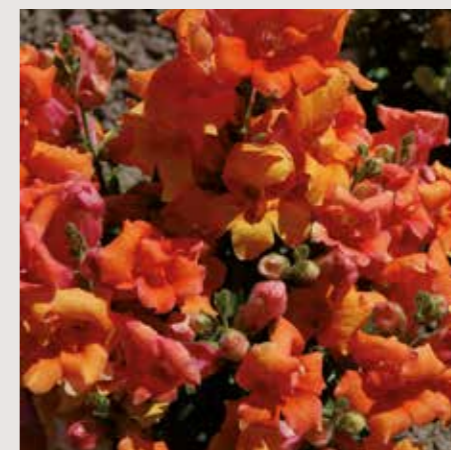
Life cycle	annual
Use	pots 10-20 cm (4-8 in.), gallon containers, color bowls, landscaping
Garden height	25-30 cm (10-12 in.)
Garden width	20-25 cm (8-10 in.)
Seed count	6,500 s/gram, (182,000 s/oz)
Seed form	normal
Germination rate	80%

Twinnny™ colors:

- rose
- appleblossom
- bronze shades
- peach 
- violet
- white
- yellow shades
- full mixture



appleblossom



bronze shades



rose



violet



white



yellow shades





Dusty Miller CINERARIA

Senecio, Cineraria maritima

NEW



dwarf-Quicksilver



Dusty Miller colors:

- NEW Quicksilver™
- Silverado

Quicksilver™

New Dusty Miller Quicksilver has a natural dwarf plant habit and stays more dwarf than Silverado or older Silverdust. Quicksilver is a new addition to Hem Genetics Low Grow class assortment. It combines a basal branching plant habit with finely indented silver colored leaf. The seeds are graded for more even germination.

Silverado

Silverado has silvery white indented foliage on uniform plants. The size and uniform plant habit make Silverado perfect for container plantings. The seeds are graded for more even germination.

- perennial for annual use
- silvery white finely indented foliage
- uniform plant habit
- perfect for adding contrast to beds and borders
- graded seeds for more even germination

Life cycle	perennial
Use	pack, pots, beds and borders
Garden height Quicksilver	25-30 cm (10-12 in.)
Garden height Silverado	35-40 cm (14-16 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	2,100 s/gram, (60,000 s/oz)
Seed form	normal and pelleted
Germination rate	85%



Silverado



Quicksilver (L), Silverado (R)



Supra™ DIANTHUS

F1 Dianthus interspecific

Dianthus Supra is a completely new interspecific hybrid with a compact and strong branching plant habit. It is an interspecific cross that imparts hardiness to this series.

Supra is fast to flower and shows an exceptionally good garden performance. This new interspecific cross has resulted in hybrid vigor for improved heat tolerance and prolific blooming with large uniquely lacy, serrated flowers of up to 4 cm (1.5 in.) across. Supra performed extremely well in trials across Europe and the USA. Testing in Florida shows that this cross has improved heat tolerance in very warm climates.

Supra Purple is an All American Selections winner and received the Fleuroselect Quality award.

Supra Pink also received the 2017 All America Selections Award.



- first year flowering perennial
- winter-hardy to USDA zone 4B-5
- suited for production in 10-12 cm (4-5 in.) and larger pots and mixed containers
- best for ground beds if used as a perennial
- heat, rain and frost resistant

Life cycle	perennial
Use	packs, pots, outdoor containers, beds and borders
Height in pot	15-20 cm (6-8 in.)
Garden height	25-30 cm (10-12 in.)
Garden width	20-25 cm (8-10 in.)
Seed count	1,100-1,250 s/gram, (30,000-35,000 s/oz)
Seed form	normal and pelleted
Germination rate	85%

Supra colors:

- crimson
- pink
- purple
- red
- salmon
- white
- mixture



crimson



pink



salmon



red



white



purple

Diana DIANTHUS

F1 Dianthus chinensis



crimson crimson picotee pink purple centred white



red centred white rose salmon scarlet



scarlet picotee white full mixture select mixture



picotee mixture

Dianthus Diana combines earliness and a compact plant habit with large single flowers in a wide range of colors. Diana is suited for pack and pot production. Planted out in the garden, it continues to form masses of large blooms on a low growing plant. Diana Crimson received the Fleuroselect quality award.

- extra early to flower
- suited for production in packs and 10 cm (4 in.) pots
- compact plant habit with large flowers
- wide range of colors

Life cycle	annual
Use	pack, pots, outdoor containers, beds and borders
Height in pot	15-20 cm (6-8 in.)
Garden height	20-25 cm (8-10 in.)
Garden width	15-20 cm (6-8 in.)
Seed count	1,100-1,250 s/gram, (30,000-35,000 s/oz)
Seed form	normal and pelleted
Germination rate	85%

Diana colors:

pink improved
rose improved

blueberry
crimson
crimson picotee
lavender picotee
purple centred white
red centred white
salmon
scarlet
scarlet picotee
white
lavandina mixture
(includes white, blueberry and lavender picotee)
full mixture
picotee mixture
(includes all picotee colors)
select mixture
(includes white, scarlet, crimson and blueberry)



lavandina mixture



blueberry



lavender picotee

Chiba™ DIANTHUS

F1 Dianthus interspecific



crimson



crimson picotee



lilac picotee



pink



purple



purple picotee



red



rose



scarlet



strawberry



violet



white



auricula mix



auricula mix



cherry picotee

The Chiba series is extra early flowering and has a compact, basal branching plant habit. In this Dianthus category, Chiba is the most compact series 20-25 cm (8-10 in.). The flowers are 3 cm (1.25 in.) in diameter. The short and strong flower stems show clusters of well-rounded flowers. Chiba requires less growth regulators and is heat, rain and cold resistant.

- the earliest flowering series of *Dianthus chinensis x barbatus*
- suited for production in packs and 10-12 cm (4-5 in.) pots and containers
- basal branching plant habit
- suited for autumn and spring sales
- heat, cold and rain resistant
- excellent garden performance

Life cycle	annual
Use	pack, pots, outdoor containers, beds and borders
Height in pot	20-25 cm (8-10 in.)
Garden height	30-35 cm (12-14 in.)
Garden width	20-25 cm (8-10 in.)
Seed count	1,100-1,250 s/gram, (30,000-35,000 s/oz)
Seed form	normal and pelleted
Germination rate	85%

Chiba colors:

cherry picotee *improved*
 crimson picotee *improved*
 red *improved*

crimson
 lilac picotee
 pink
 purple
 purple picotee
 rose
 scarlet
 strawberry
 violet
 white
 auricula mix (mixture of picotee colors)
 full mixture

Chica is Hem Genetics new dwarf French Marigold series with large flowers. The full double crested flowers are larger in size than other French Marigolds in this type. Next to its large flowers delivers Chica earliness and superior uniformity under various conditions. Chica gives color all season long in home gardens and commercial landscapes. A flame color is now added to the series making it now a total of four colors and a mixture.

- Large flower size
- Full double crested flower
- Early to flower
- Superior uniformity
- Excellent garden performance
- Available both as de-tailed and coated seed

Chica colors:

flame
gold
yellow
orange
full mixture

Life cycle	annual
Use	pack, pots, containers, borders
Height in pot	15-20 cm (6-8 in.)
Garden height	25-30 cm (10-12 in.)
Garden width	15-20 cm (6-8 in.)
Seed count	340-360 s/gram, (9.640-10.000 s/oz)
Seed form	detailed, coated
Germination rate	85%



gold



orange



yellow



full mixture



flame

Enorma

Gazania Rigens

Enorma shows large flowers, 10-12 cm/4-5" across, on strong flower stems and a vigorous but moderate plant habit. Enorma has glossy dark green foliage and is more disease resistant than fuzzy leaved types in wet or humid climates because its foliage doesn't trap water. In pre-introductory trials across the US Enorma has proved to be an exceptional performer in warm climate areas for winter landscapes.

- Upright habit with large flowers
- Strong flower stems
- Uniform flowering
- Vigorous but moderate plant habit
- Ideal for large containers and beds

Enorma colors:

orange
orange w. ring
red w. ring
vanilla
yellow
yellow w. ring
full mixture

Life cycle	annual
Use	pack, pots, containers, borders
Height	25-30 cm (10-12 in.)
Garden width	20-25 cm (8-10 in.)
Seed count	2.000 s/gram, (57.000 s/oz)
Seed form	normal
Germination rate	85%



orange w. ring

vanilla



red w. ring



yellow



yellow w. ring



orange



Torch LAVANDULA

Lavandula multifida

Beautiful new Lavandula Blue Torch is a fast-growing tender perennial. It flowers in the first year from sowing and can produce a flowering gallon pot in only 15-16 weeks from sowing. It has finely cut silvery-grey fern-like, oregano scented foliage and stems growing up to 40-60 cm (16-23 in.), topped by attractive 6 cm (2.5 in.) flower spikes. This perennial Lavandula is not as hardy as most Lavandula species, USDA zone 7-10. It does very well in the landscape as a feature plant or as a thriller component in mixed containers. Flowers all summer to frost.

Torch colors:

blue

- tender perennial, hardiness to USDA zone 7-10
- silvery-grey fern-like oregano-scented foliage
- suited for gallon pots and mixed containers
- fast growing and free flowering
- perfect presentation in the landscape

Life cycle	Perennial
Use	Larger pot sizes, gallon containers, beds and borders
Height in pot	40-60 cm (16-23 in.)
Garden height	60-70 cm (23-28 in.)
Garden width	50-60 cm (20-23 in.)
Seed count	1.400 s/gram, (39.700 s/oz)
Seed form	normal
Germination rate	80%





raspberry surprise antique shades beaconsfield blue blotched **IMPROVED**



cherry rose deep marina deep orange blotched lemon yellow **IMPROVED** marina neon purple **IMPROVED**



pink shades blotched primrose **IMPROVED** pure deep orange primrose shades blotched pure light blue pure mid blue



pure white **IMPROVED** pure yellow red blotched **IMPROVED** rose blotched scarlet violet face



white blotched white with rose wing yellow blotched yellow purple wing **IMPROVED** yellow red wing

The Cello series has a solid reputation in the market of large flowered pansies. Cello pansies have a non-stretching sturdy plant habit with is good basal branching and its flowers stand solidly upright on short, strong flower stems. Cellos are perfectly suited for autumn and spring production in pots, packs and perform excellent in beds, containers and the landscape.

- Large flower size
- Non-stretching , well-branched plant habit
- Great uniformity between the color range
- Excellent for spring and autumn production
- Perfectly suitable for production in packs and pots
- Available both as raw and primed seed

Life cycle	biennial
Use	packs, pots, containers, beds and borders
Height in pot	10-15 cm (4-6 in.)
Garden height	20-25 cm (8-10 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	700-950 s/gram, (20,000-27,000 s/oz)
Seed form	normal and primed
Germination rate	85%

Cello colors:

NEW raspberry surprise
 blue blotched *improved*
 lemon yellow *improved*
 neon purple *improved*
 pure white *improved*
 primrose *improved*
 red blotched *improved*
 yellow purple wing *improved*

deep marina
 pure deep orange
 pure mid blue
 pure yellow
 rose blotched
 yellow blotched
 antique shades
 beaconsfield
 cherry rose
 deep orange blotched
 marina
 pink shades blotched
 pure light blue
 primrose blotched
 scarlet
 violet face
 white blotched
 white rose wing
 yellow red wing
 full mixture



Xtrada™ PANSY XL-FLOWERED

Fl Viola wittrockiana



Xtrada combines its compactness, heat- and cold-tolerance with a huge flower size. Its strong stems hold flowers erect for superb presentation in the garden and on the retail shelf. Xtrada pansies are suited for spring and autumn sales and give an excellent garden presentation. Four improved and one new color create a new total of twelve colors and a mixture.

- Early to flower
- Giant flower size
- Compact and well-branched habit
- Easy filling and coverage of pots
- Heat and cold tolerant
- Suited for pots, gallons and borders

Life cycle	biennial
Use	packs, pots, containers, beds and borders
Height in pot	10-15 cm (4-6 in.)
Garden height	20-25 cm (8-10 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	700-950 s/gram (20.000-27.000 s/oz.)
Seed form	normal and primed
Germination rate	85%

Xtrada colors:

pink shades w. blotch *improved*
 red w. blotch *improved*
 white w. blotch *improved*
 yellow w. blotch *improved*

blue w. blotch
 lemon shades
 ocean (mid blue w. blotch)
 peach shades w. blotch
 rose shades w. blotch
 violet face
 white
 yellow
 full mixture



lemon shades



IMPROVED

pink shades w. blotch



IMPROVED

red w. blotch



rose shades w. blotch



white



IMPROVED

white w. blotch



yellow



IMPROVED

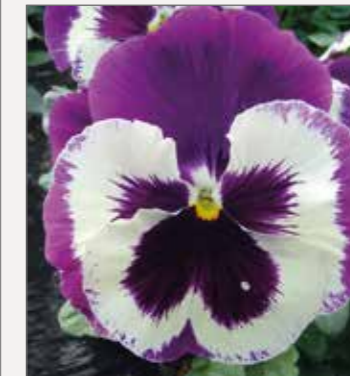
yellow w. blotch



peach shades w. blotch



ocean (mid blue w. blotch)



violet face



blue w. blotch



Limbo was the first introduction in Hem Genetics Low Grow class of garden flowers and became the world-standard in genetic dwarf grandiflora petunias. No need for plant growth regulators (PGRs) reduces significantly the production costs and also makes the cultivation process less labour-intensive and more efficient. No use of PGRs also allows ECO friendly production. Whether used in packs, pots, containers, hanging baskets, borders and in the landscape, Limbo give fantastic garden performance throughout the season and need relatively little maintenance. *GP* stands for improved Garden Performance which is shown by means of better branching and more garden growth vigor.

A new breeding breakthrough is the introduction of three picotee colors. In 2017 red, rose and burgundy picotee. In addition to the full mix and grower mix, there is Heather's mix which has been created by and named as a tribute to Heather-Will Browne, the color-guru at Walt Disney World Horticulture, for use in their parks.

- Limbo *GP* offers following great features:**
- very little to no use of growth regulators (PGRs)
 - naturally better branching with shorter internodes
 - non-stretching during production
 - non-stretching on retail benches
 - extra large flower size
 - perfect performance in containers, borders and landscape
 - profuse quantities of flowers for garden color throughout the season
 - fast recovery from weather/rain damage
 - easy to grow with little maintenance
 - much less splitting/lodging in the landscape compared to non-genetic dwarf petunias
 - No use of PGRs enables ECO friendly production

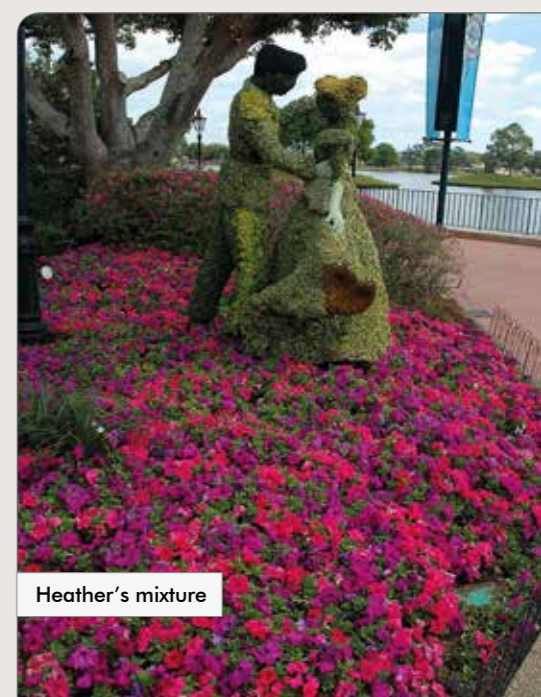
Life cycle	annual
Use	packs, pots, containers, hanging baskets, beds and borders
Height in pot	10-15 cm (4-6 in.)
Garden height	20-25 cm (8-10 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	8.000-11.000 s/gram (255.000-300.000 s/oz.)
Seed form	normal and pelleted
Germination rate	85%



Low Grow versus standard petunia

Limbo *GP* colors:

- blue veined *improved*
- blue
- burgundy
- burgundy picotee
- deep purple
- mid blue
- orchid veined
- peach (light salmon)
- pink
- pink morn
- plum
- red
- red picotee
- red veined
- rose
- rose morn
- rose picotee
- rose veined
- salmon
- salmon morn
- sky blue
- sweet pink
- violet
- white
- full mixture
- grower mixture
- Heather's mixture



Heather's mixture



GP blue



IMPROVED

GP burgundy



GP mid blue



GP peach (light salmon)



GP orchid veined



GP pink



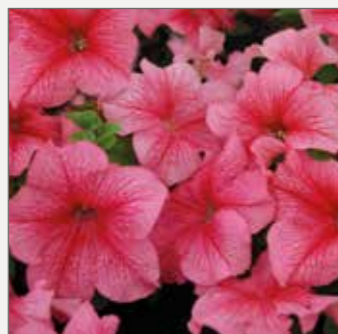
GP pink morn



GP red



GP red morn



GP red veined



GP rose morn



GP rose veined



GP salmon



GP sweet pink



GP violet



GP white

Mambo

Natural Dwarf Petunia

GP SERIES

PETUNIA FI MULTIFLORA

Mambo was one of the first introductions in Hem Genetics Low Grow class and became the world-standard in genetic dwarf multiflora petunias.

No need for plant growth regulators (PGRs) reduces significantly the production costs and also makes the cultivation process less labour-intensive and more efficient. No use of PGRs enables also ECO friendly production. Whether used in packs, pots, containers, borders and in the landscape, Mambo give fantastic garden performance throughout the season and need relatively little maintenance.

GP stands for improved Garden Performance which is shown by means of better branching and more garden growth vigor. Extremely floriferous Mambo petunias literally smother themselves in flowers, making an outstanding display in gardens.

They are very weather/rain resistant as after a rain shower, flowers popping back quickly to full beauty. It makes Mambo also an excellent type of petunia for hanging baskets. Three new colors are added, sky blue, plum and blue veined bringing the total number of colors to twenty two and two mixtures.

Mambo *GP* offers following great features:

- very little to no use of growth regulators (PGRs)
- naturally better branching with shorter internodes
- non-stretching during production
- non-stretching on retail benches
- large flower size
- perfect performance in hanging baskets, borders and landscape
- profuse quantities of flowers for garden color throughout the season
- fast recovery from weather/rain damage
- easy to grow with little maintenance
- much less splitting/lodging in the landscape compared to non-genetic dwarf petunias
- No use of PGRs enables ECO friendly production

Life cycle	annual
Use	packs, pots, containers, hanging baskets, beds and borders
Height in pot	10-15 cm (4-6 in.)
Garden height	20-25 cm (8-10 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	8.000-11.000 s/gram (255.000-300.000 s/oz.)
Seed form	normal and pelleted
Germination rate	85%

Mambo *GP* colors:

blue veined *improved*
burgundy *improved*

sky blue
plum
blue
deep purple
mid blue
orchid veined
peach
pink
pink morn
purple
red
red morn
red veined
rose
rose morn
rose veined
salmon
sweet pink
violet
white
full mixture
growers mixture



GP sky blue



GP plum



IMPROVED

GP blue veined



Sweet Valentines F1 TOMATO

Solanum Lycopersicum

F1 Tomato Sweet Valentines is a well-branched determinate patio-type tomato with a very compact self-mounding or cascading plant habit. These unique plant characteristics makes it a perfect fit in the Hem Genetics Low Grow assortment. It's the first edible in the Low Grow assortment, stays compact 30-40 cm (12-16 in.) in height and produces tasty heart-shaped fruits borne in abundance. Plant and fruiting habit make it an ideal variety to produce in hanging baskets or to use in combination pots as the spiller component with herbs and flowers for patio use. Sweet Valentines is a Fleuroselect Approved Novelty.



- first edible in the Low Grow assortment
- non-stretching thus compact cascading plant habit
- tasty heart-shaped fruits
- perfect in pots, containers, hanging baskets and mixed containers

Life cycle	annual
Seed form	normal seed
Use	pots, containers, hanging baskets
Pot size	10-15 cm (4-6 in.)
Plants per pot	1 plant per small pot or 3 per large container
Height in pot	30-40 cm (12-16 in.)
Garden position	sunny or very light shade
Sow to finish	14-16 weeks
Water requirement	medium
Min. growing temperature	night time 12° C/55° F, day time 18° C/60° F
Pinching	none
Growth regulators (PGRs)	none
Germination rate	90%





Solar Avalanche

NEW SERIES

Trailing Vinca Fl

The compact and well branched plant habit of Solar Avalanche results in a perfect coverage of pots, containers and flower beds. Its trailing habit and large flowers with overlapping petals make Solar Avalanche ideal for hanging baskets or other trailing or ground cover applications. It's also ideal for pack and pot production and can be utilized as the cascading component in mixed containers. Where other series may fail Solar Avalanche does very well in extremely hot and humid conditions.

- *Trailing, spreading plant habit*
- *Ideal for production in packs, pots and hanging baskets*
- *Surface coverage of pots containers and flower beds*
- *Large overlapping flower petals*

Solar Avalanche colors:

- apricot
- burgundy
- pink
- rose
- red
- violet
- white
- full mixture

Life cycle	annual
Use	pots, baskets, containers, borders
Height in pot	20-25 cm (8-10 in.)
Garden height	25-30 cm (10-12 in.)
Garden width	20-25 cm (8-10 in.)
Seed count	500-800 s/gram, (12.500-24.000 s/oz)
Seed form	normal
Germination rate	85%



burgundy



pink



rose



red



violet



white

apricot



Because of its compact and strong basal branching plant habit, Solar offers genetic compactness and excellent performance in pots, containers and the landscape. Solar flowers up to two weeks faster than O.P. vincas and produces large flowers with overlapping petals. Its hybrid vigor makes Solar more resilient to stressful weather conditions. Solar also performs well under cooler conditions, making it ideal for early sowings, extending the traditional Vinca season.

- Basal branching plant habit
- Non-stretching
- Flowers up to two weeks faster than O.P. vincas
- More resilient to stressful conditions
- Withstands cooler conditions
- Ideal for a wide range of containers and the landscape

Life cycle	annual
Use	packs, pots, containers, beds and borders
Height in pot	15-20 cm (6-8 in.)
Garden height	25-30 cm (10-12 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	500-800 s/gram, (12,500-24,000 s/oz)
Seed form	normal
Germination rate	85%

Solar colors:

- appleblossom
- apricot
- blueberry
- blush pink
- burgundy
- fresh red
- lilac
- orange w. eye
- orchid w. eye
- pink
- polka dot - (white w. red eye)
- raspberry w. eye
- red
- red w. eye
- white
- full mixture



Corina™ VIOLA

Fl Viola cornuta



deep blue & white



lilac purple wing



white rose wing



white violet wing



deep blue blotch



deep marina



full black



marina



terracotta



twilight



violet



violet flare



violet eye



purple yellow face



white



yellow red wing



yellow blotch



yellow



yellow purple wing



black and white mixture

Small-flowered Corina has a highly uniform and well-branched plant habit which ensures a good coverage of the pot. Corina is suited for production in spring and autumn and can be used for production in a wide range of pack and pot sizes. Corina exhibits a strong basal branching and mounded plant habit covered with profuse quantities of flowers which continue to produce blooms throughout the season. Five colors are added to the Corina series, bringing it now to twenty colors plus two mixtures.

- Highly uniform in plant habit and earliness
- Non-stretching well-branched plant habit
- Excellent for spring and autumn production
- Perfectly suitable for production in packs and pots
- Profuse quantities of flowers colors all season long
- Available both as raw and primed seed

Life cycle	annual
Use	packs, pots, containers, beds and borders
Height in pot	10-15 cm (4-6 in.)
Garden height	15-20 cm (6-8 in.)
Garden width	25-30 cm (10-12 in.)
Seed count	1,100-1,400 s/gram, (31,000-40,000 s/oz)
Seed form	normal and primed
Germination rate	85%

Corina colors:

- deep blue & white
- lilac purple wing
- white rose wing
- white violet wing
- full black *improved*
- marina *improved*
- terracotta *improved*
- white *improved*

- black w. eye
- deep blue blotch
- deep marina
- mid-blue
- twilight
- primrose blotch
- purple yellow face
- violet
- violet flare
- violet eye
- yellow
- yellow blotch
- yellow red wing
- yellow purple wing
- full mixture
- black and white mixture



mid-blue



primrose blotch



black w. eye

Limbo
Natural Dwarf Petunia

PICOTEE COLORS



HEMGENETICS

Breeding to grow
your business





HEMGENETICS

*Breeding to grow
your business*

street address

Hem Genetics BV
Hemmerbuurt 98
1607 CL Hem
The Netherlands

postal address

Hem Genetics BV
P.O. Box 4
1606 ZG Venhuizen
The Netherlands

phone: +31(0)228 541312

fax: +31(0)228 543151

e-mail: info@hemgenetics.com

website: www.hemgenetics.com

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