

POT PLANT

CATALOGUE

2017 2018

Lily

Freesia

Calla



VAN DEN BOS

flowerbulbs

Introduction

Van den Bos is a quality supplier in corms, bulbs and tubers with an international scope. VDB is firmly rooted in the Netherlands and is imbued with two primary and distinctive characteristics: enterprise and innovation. At Van den Bos Flowerbulbs, we have earned a distinguished reputation and VDB Flowerbulbs brand is recognized throughout the entire global supply chain. As specialists, we aim to help our customers with the finest collection of top-quality lilies, freesias and callas.

Our VDB shares with our valued VDB customers our generations of breeding, growing and logistical experiences including an offering of attentive cultivation support. In addition, we have an in-house marketing team that helps our customers promote, market and connect our products with brochures and product information. We care.

Enclosed in our catalogue, you will find our complete range of varieties carefully selected and edited just for you. It has been prepared with the utmost care to give you the best range and specifics of our beautiful and robust collection. For your convenience, our elaborate assortment has been divided into three segments: the pot lilies, the pot freesias, and the pot callas. You can also view our catalogue online, on our website www.vandenbos.com.

We believe in team success thru our partnerships with our customers. Whatever corner of the world market you are in, you can count on us! Let's grow together. Contact your VDB international office or representatives listed on the last page of this catalogue.

The Van den Bos Flowerbulbs team

INTRODUCTION



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POTTED LILLY



Pot lily cultivation information

- Quick flowering
- Suited to pot in 9 to 19 cm
- Genetic short, so no need of growth regulation
- Suitable for both indoor use and landscaping purposes
- Highly floriferous varieties
- Pot lily cultivation guidelines on page 36 - 37
- Van den Bos offers personal cultivation advice and detailed manuals



POT LILY



Entertainer®



Little Rainbow®



Love Story®



Magny Cours®



Reeleeze®



Sebring®

Oriental Pot Lily

Pot Oriental



Sheer Blonde®



Souvenir®



Starlight Express®

Romance Collection

Pot Oriental



First Romance®



Pink Romance®





After Eight®



Sunny Azores®



Sunny Bahamas®



Sunny Bonaire®



Sunny Grenada®



Sunny Keys®





Sunny Martinique®

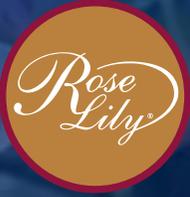


Sunny Okinawa®



Sunny Robyn®





Roselily Belonica®



Roselily Carolina®



Roselily Natalia®



Roselily Samantha®



Roselily Zara®



Roselily Ziva®



Blushing Joy®



Bright Joy®



Brilliant Joy®



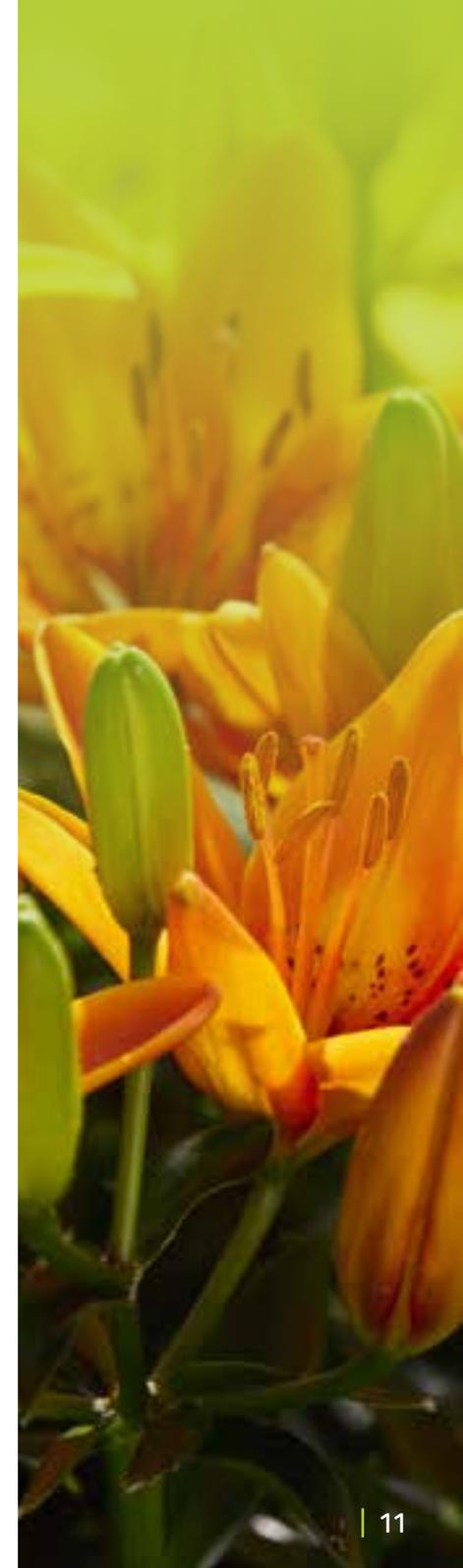
Burning Joy®



Classic Joy®



Confetti Joy®





Delicate Joy®



Elegant Joy®



Fancy Joy®



Golden Joy®



Island Joy®



Majestic Joy®





Orange Joy®



Perfect Joy®



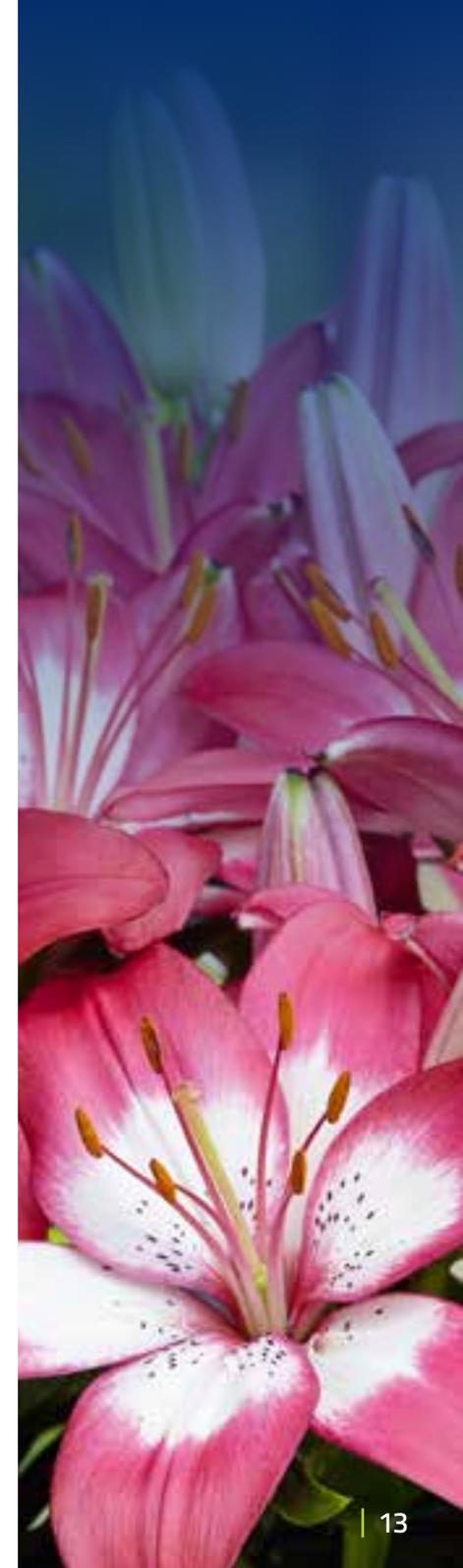
Sparkling Joy®



Sunny Joy®



Victory Joy®





Buzzer®



Golden Matrix®



Matrix®



Orange Matrix®



Sunset Matrix®



Tiny Bee®



Tiny Diamond®



Tiny Double You®



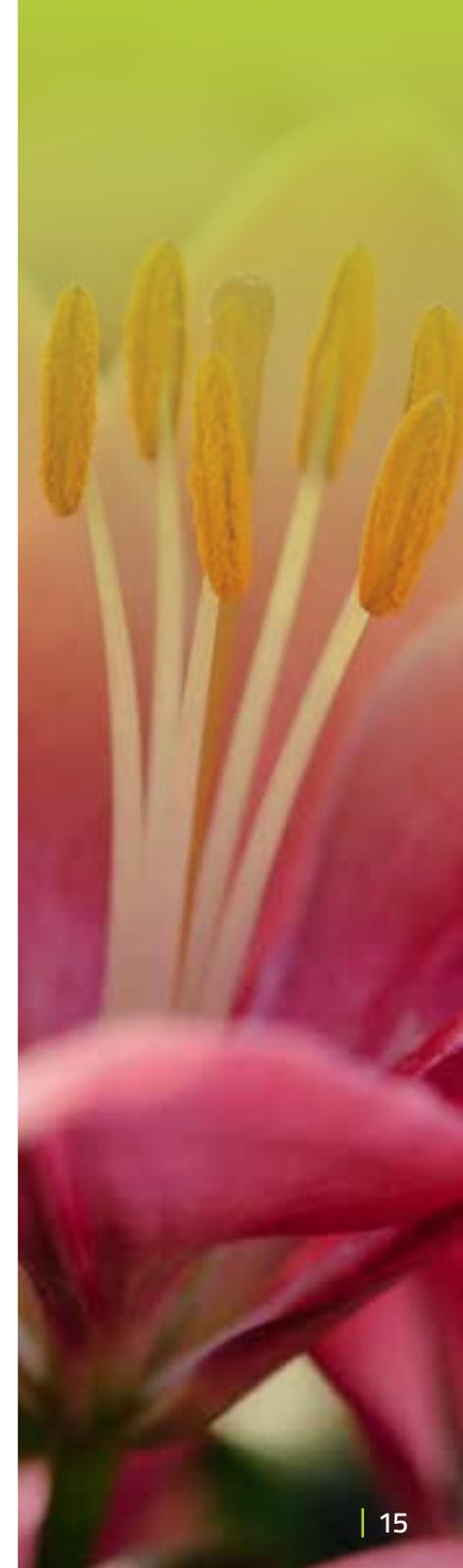
Tiny Ghost®



Tiny Glow®



Tiny Invader®





Tiny Nugget®



Tiny Orange Sensation®



Tiny Padhye®



Tiny Parrot®



Tiny Pearl®



Tiny Poems®





Tiny Rocket®



Tiny Sensation®



Tiny Shadow®



Tiny Skyline®



Tiny Toons®



Productname	Size 10/12	Size 12/14	Size 14/16	Size 16/18	Size 18/20	Size 20+	Forcing time in days	Stem length
ORIENTAL POT LILY								
Entertainer®	1-3	2-4	3-5	4-6	6-8		110-120	40-50 cm
Little Rainbow®		2-4	3-5	4-6	5-8		100-110	40-50 cm
Love Story®		2-3	2-4	3-5	4-6		110-120	60-70 cm
Magny Cours®	1-2	2-3	3-5	4-6	5-7		100-110	40-50 cm
Reeleeze®	1-2	2-3	3-5	4-6	5-7		110-120	40-50 cm
Sebring®		2-4	3-5	4-6			100-120	40-60 cm
Sheer Blonde®		1-3	2-4	3-6	4-6		110-120	40-50 cm
Souvenir®		2-4	3-5	4-6	5-7		100-110	50-60 cm
Starlight Express®		2-3	3-4	4-5	6/+		100-110	50-60 cm
ROMANCE COLLECTION								
First Romance®		2-3	3-4	4-5	5-6		90-100	40-50 cm
Pink Romance®		2-4	3-5	4-6	5-7		90-100	40-50 cm
SUNNY COLLECTION								
After Eight®	1	2-4	4-6	5-8	7-9	8-10	90-100	50-60 cm
Sunny Azores®		3-5	4-6	5-7			100-110	50-60 cm
Sunny Bahamas®	2-3	3-4	4-6	5-8	7-10	8-11	100-110	40-50 cm
Sunny Bonaire®	2-3	3-4	4-6	5-8	7-10	8-11	100-110	40-50 cm
Sunny Grenada®		3-4	4-6	5-7	6-8		90-100	50-60 cm
Sunny Keys®		2-3	3-4	4-5			90-100	50-60 cm
Sunny Martinique®		3-4	4-5	5-6			100-110	50-60 cm
Sunny Okinawa®	1	2-4	4-6	5-8	7-9	8-10	100-110	50-60 cm
Sunny Robyn®		3-4	4-5	5-6			100-110	50-60 cm

Productname	Size 12/14	Size 13/15	Size 14/16	Size 15/17	Size 16/18	Size 17/19	Size 18/20	Size 19+	Forcing time in days	Stem length
ROSELILY COLLECTION										
 Roselily Belonica®		2-3		3-4		4-5		5-6	100-110	70-80 cm
 Roselily Carolina®		2-3		3-4		4-5		5-6	100-110	70-80 cm
 Roselily Natalia®		2-3		3-4		4-5		5-6	90-100	60-70 cm
 Roselily Samantha®	2-4		3-5		5-7		6-8		100-110	60-70 cm
 Roselily Zara®		2-3		3-4		4-5		5-6	100-110	60-70 cm
 Roselily Ziva®		2-3		3-4		4-5		5-6	100-110	60-70 cm

Productname	10/12	12/14	14/16	16/18	18/20	20+	Forcing time in days	Stem length
JOY COLLECTION								
 Blushing Joy®	3-4	4-6	6-8	8-10			65-70	50-60 cm
 Bright Joy®	3-5	4-6	6-8	8-10			65-70	40-50 cm
 Brilliant Joy®	3-4	4-6	6-8	8-10			65-70	50-60 cm
 Burning Joy®	3-4	4-6	6-8	7-9			60-65	50-60 cm
 Classic Joy®	4-6	6-8	7-9	8-10			60-65	40-50 cm
 Confetti Joy®	4-6	6-8	7-9	8-10			60-65	30-40 cm
 Delicate Joy®	3-4	4-6	6-8	8-10			65-70	50-60 cm
 Elegant Joy®	4-6	5-7	6-8	8-10			70-75	50-60 cm
 Fancy Joy®	3-4	4-5	5-7	6-8			70-75	40-50 cm
 Golden Joy®	3-5	4-6	5-7	6-8			70-75	50-60 cm
 Island Joy®	2-4	3-5	5-7	8-10			60-65	40-50 cm
 Majestic Joy®	3-5	4-6	5-7	6-8			65-70	40-50 cm
 Orange Joy®	4-6	6-8	7-9	10/+			70-75	40-50 cm
 Perfect Joy®	3-5	4-6	5-7	6-8			65-70	40-50 cm
 Sparkling Joy®	3-5	4-6	6-8	8-10			65-70	40-50 cm
 Sunny Joy®	5-7	6-8	7-9	10/+			60-65	30-40 cm
 Victory Joy®	2-3	3-4	4-6	5-7			65-70	40-50 cm
MATRIX LINE								
 Buzzer®	4-6	5-7	6-9	8/+			60-70	40-50 cm
 Golden Matrix®	4-6	5-7	6-9	8/+			60-70	40-50 cm
 Matrix®	4-6	5-7	6-9	8/+			60-70	40-50 cm
 Orange Matrix®	4-6	5-7	6-9	8/+			60-70	40-50 cm
 Sunset Matrix®	4-6	5-7	5-7	6/+			60-70	40-50 cm

Productname	10/12	12/14	14/16	16/18	18/20	20+	Forcing time in days	Stem length
TINY COLLECTION								
 Tiny Bee®	3-4	4-5	5-6	6/+	6/+		60-70	40-50 cm
 Tiny Diamond®	3-5	4-6	6-8	8-9			60-70	40-50 cm
 Tiny Double You®		3-5	4-6	6-8	7-9		60-70	40-50 cm
 Tiny Ghost®		4-6	5-7	6/+	6/+		60-70	40-50 cm
 Tiny Glow®		4-6	5-8	6-8	7-9		60-70	40-50 cm
 Tiny Invader®		3-5	4-6	5-7	6-8		60-70	30-40 cm
 Tiny Nugget®	2-4	3-5	4-6	5-7			60-70	40-50 cm
 Tiny Orange Sensation®		4-7	5-8	6-9			60-70	50-60 cm
 Tiny Padhye®	3-5	5-7	6-8	7/+			60-70	30-40 cm
 Tiny Parrot®	3-4	3-5	5-7	6-8			60-70	40-50 cm
 Tiny Pearl®		3-5	5-7	6-8			60-70	40-50 cm
 Tiny Poems®	3-6	5-7	5-10	8-11			60-70	40-50 cm
 Tiny Rocket®		5-7	6-8	7-9	8/+		60-70	50-60 cm
 Tiny Sensation®		3-5	4-6	5-7	6-8		60-70	40-50 cm
 Tiny Shadow®		3-6	5-8	5-9	8/+		60-70	40-50 cm
 Tiny Skyline®		4-6	5-7	6-8			60-70	30-40 cm
 Tiny Toons®		4-6	5-7	6-8	7/+		60-70	50-60 cm

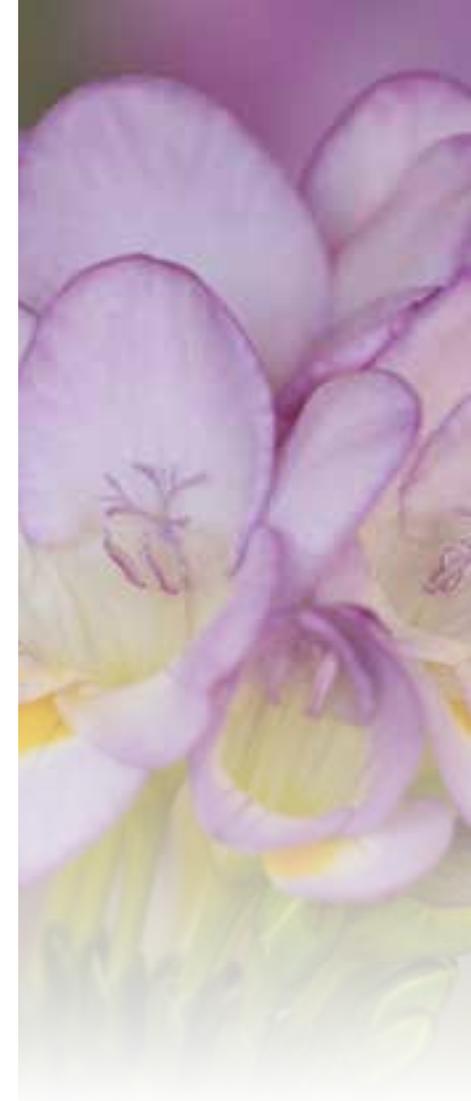
POT FREEESIA





Pot freesia cultivation information

- Quick flowering
- Suited to pot in 11 to 15 cm
- Genetic short, so no need of growth regulation
- Delightfully scented flowers
- Pot freesia cultivation guidelines on page 36 - 37
- Van den Bos offers personal cultivation advice and detailed manuals



POT FREESIA



Fragrant Sunburst®



Lovely Lake®



Lovely Romance®



Lovely White®



Lovely Yellow®



Ancona zapogrum®



Bari zaposnoo®



Bologna vapodelio®



Florence zapotoot®



Palermo vapogom®



Viareggio zapotwee®



Assortment pot freesias

Productname	Availability	Forcing time in days	Stem length	Bulbsize	Flowering buds
LOVELY COLLECTION					
 Fragrant Sunburst®	Dec-Jul	90	40-55 cm	5/+	7-9
 Lovely Lake®	Dec-Jul	90	40-55 cm	5/+	7-9
 Lovely Romance®	Dec-Jul	90	40-55 cm	5/+	7-9
 Lovely White®	Dec-Jul	90	40-55 cm	5/+	7-9
 Lovely Yellow®	Dec-Jul	90	40-55 cm	5/+	7-9
NANO COLLECTION					
 Ancona <small>zapogrum®</small>	Dec-Jul	70	30-40 cm	5/+	5-7
 Bari <small>zaposnoo®</small>	Dec-Jul	70	30-40 cm	5/+	5-7
 Bologna <small>vapodelio®</small>	Dec-Jul	70	30-40 cm	5/+	5-7
 Florence <small>zapotoot®</small>	Dec-Jul	70	30-40 cm	5/+	5-7
 Palermo <small>vapagom®</small>	Dec-Jul	70	30-40 cm	5/+	5-7
 Viareggio <small>zapotwee®</small>	Dec-Jul	70	30-40 cm	5/+	5-7





POT CALLA





Pot calla cultivation information

- Quick flowering
- Suited to pot in 9 to 19 cm
- Prolifically flowering
- Excellent shelf life
- Pot calla cultivation guidelines on page 36 - 37
- Van den Bos offers personal cultivation advice and detailed manuals



POT CALLA

Pot Calla



Allure®



Cantor®



Captain Marrero®



Flirt®



Forever®



Memories®



Morning Sun®



Odessa®



Orient Express®



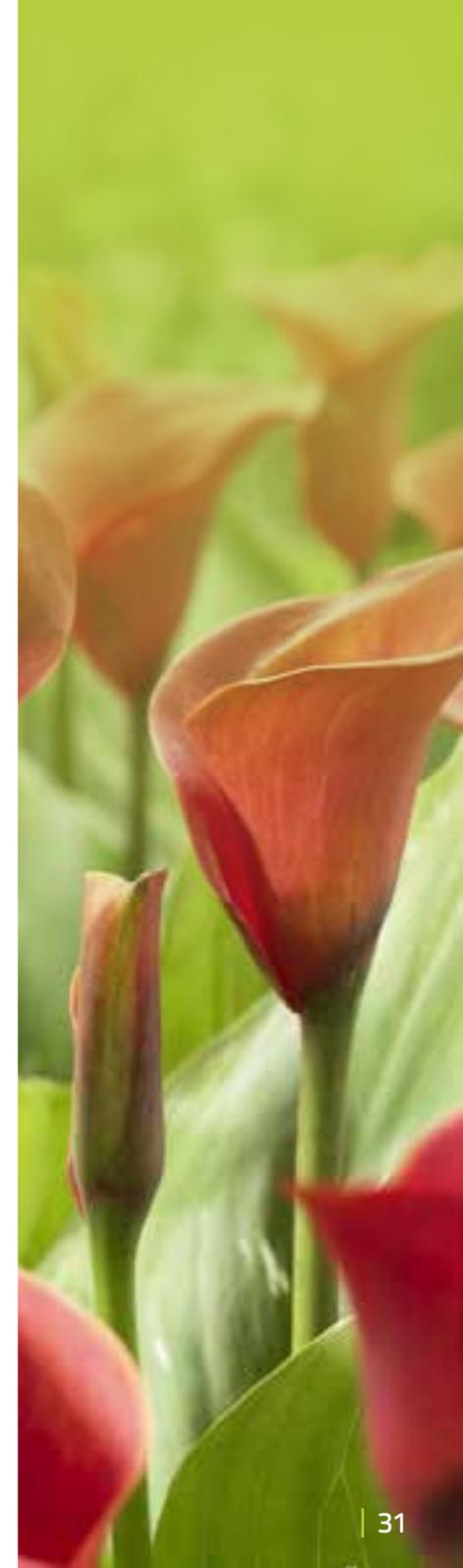
Paco®



Picasso®



Pink Puppy®



Pot Calla



Red Alert®



Red Charm®



Red Emotion®



Royal Princess®



Royal Pumpkin®



Royal Ruby®



Pot Calla



Royal Sun®



Rudolph®



Sumatra®



Summer Sun®



Sunclub®



White Flirt®



Assortment pot callas

Calla	Type of flower	Leave-kind	Leave-shape	Stem length	Growth control	Forcing time in days	Size 16/18	Size 18/20	Size 20+
 Allure®	both	spotted	lancet	40-50 cm	medium	70-84	7-9	9-11	11>
 Cantor®	both	spotted	lancet	40-50 cm	medium	70-84	3-5	4-6	7>
 Captain Marrero®	both	spotted	heart	40-50 cm	medium	70-84	3-5	4-6	7>
 Flirt®	both	spotted	lancet	30-40 cm	medium	70-84	7-9	9-11	8-11>
 Forever®	both	not spotted	lancet	40-50 cm	medium	70-84	3-5	4-6	7>
 Memories®	both	spotted	heart	40-70 cm	medium	70-84	4-6	5-9	8-10>
 Morning Sun®	both	spotted	lancet	40-50 cm	high	70-84	4-6	6-8	8-10>
 Odessa®	both	spotted	lancet	40-50 cm	medium	70-84	7-9	9-11	11>
 Orient Express®	both	spotted	heart	40-50 cm	medium	70-84	4-6	5-9	8-10>
 Paco®	both	not spotted	lancet	40-50 cm	medium	70-84	7-9	9-11	11>
 Picasso®	both	spotted	heart	40-70 cm	high	70-84	4-6	5-9	8-10>
 Pink Puppy®	both	not spotted	lancet	40-50 cm	medium	70-84	7-9	9-11	11>
 Red Alert®	both	spotted	heart	40-70 cm	high	70-84	3-5	4-6	7>
 Red Charm®	both	spotted	lancet	40-50 cm	medium	70-84	4-6	5-9	8-10>
 Red Emotion®	both	spotted	lancet	40-50 cm	medium	70-84	4-6	5-9	8-10>
 Royal Princess®	both	spotted	lancet	40-50 cm	medium	70-84	4-6	5-9	8-10
 Royal Pumpkin®	both	spotted	heart	40-70 cm	medium	70-84	4/6	6/10	10>
 Royal Ruby®	both	spotted	lancet	40-50 cm	low	70-84	4-6	5-9	8-10>
 Royal Sun®	both	spotted	heart	50-90 cm	high	70-84	4-6	5-9	10>
 Rudolph®	both	spotted	lancet	40-70 cm	high	70-84	3-5	4-6	7>
 Sumatra®	both	spotted	lancet	40-50 cm	medium	70-84	3-5	4-6	7>
 Summer Sun®	both	spotted	lancet	40-50 cm	medium	70-84	4-6	5-9	8-10>
 Sunclub®	both	spotted	lancet	40-50 cm	medium	70-84	7-9	9-11	11>
 White Flirt®	both	spotted	lancet	40-70 cm	high	70-84	4-6	6-8	8-10>



Cultivation guidelines

Lily	Bulbs	Media to use in pots	Pot size and bulb size										Planting
	Store bulbs between -1,5°C (29.3°F) and -2°C (28.4°F)	PH value of 5.8-6.8 Coco peat and raw material are preferable	Pot size	In cc	Plant density netto m ²	10/12	12/14	14/16	16/18	18/20	20/+	Plant 7 cm (2,75 inch) deep	
			9 cm	285 cc	45	x						Plant a.s.a.p after defrosting	
			11 cm	520 cc	40		x					Plant with roots downwards	
			12 cm	>620 cc	35		x	x				Plant in the morning	
			14 cm	>1000 cc	30			x	x				
			17 cm	>2000 cc	25				x	x			
			19 cm	>3000 cc	20					x	x		
Freesia	Corms	Media to use in pots	Pot size and corm size										Planting
	Plant directly after arrival If necessary store the bulbs for maximal 1 weeks at 14°C (57.2°F) Storing at 14°C (57.2°F) will shorten the cultivation weeks	PH value of 6.5-7.0 Ground NPK 12+14+24 in pot + 10% dolokal (Ca)	Pot size	In cc	Plant density netto m ²	5/+						Plant half way the pot with the roots downwards	
			11 cm	520 cc	30	3						Fill the pot with ground after planting	
			13 cm	700 cc	25	5						Directly put the ring on the pot	
			15 cm	1500 cc	20	7							
Calla	Tubers	Media to use in pots	Pot size and tubers size										Planting
	Two kind of tubers: Shoots already on the tuber Stored tubers: Must be stored at 9°C (48°F) With a relative humidity level of about 70%-80%	PH value of 5.8-6.5 High percentage of Coco peat is preferable Avoid to fine soil structure Percentage of bark is preferable in your soil mixture	Pot size	In cc	Plant density netto m ²	12/14	14/16	16/18	18/20	20/24		Plant with shoots facing upwards	
			9 cm	285 cc	35	x						2,5 cm/1 inch potting compost above the tuber	
			11 cm	520 cc	30	x	x						
			12 cm	>620 cc	30		x	x					
			14 cm	>1000 cc	25			x	x				
			17 cm	>2000 cc	20				x	x			
			19 cm	>3000 cc	15					x			

CULTIVATION GUIDELINES

Greenhouse temperatures	Relative Humidity (RH)	Watering	Fertilization	Growth regulation	Crop protection
<p>Start with 15°C (60.8°F) till 18°C (64.4°F)</p> <p>At flowering stage the day temperature can drop to 17°C (62.6°F)</p> <p>A stable temperature is the most important</p>	70-90%	<p>Give sufficient water after planting so the soil is good moist</p> <p>Check the roots, when they are wide and have enough roots than you give them enough</p> <p>When they are turning brown you give to much water</p>	<p>800 gram NPK (12-10-28) per m³ mixed through the compost</p> <p>Add nutrition during each watering with 1.7-2.2 EC. above the water level</p> <p>Extra Magnisum and Iron is a good composition</p>	<p>Most lilies don't need growth regulation</p> <p>Use Bonzi only when you have discussed this with your sales representative</p>	<p>Active greenhouse climate is needed to avoid stress</p> <p>Ventilators can help for sufficient air circulation</p> <p>Scout regular for Aphids, Trips, Rhizoctonia, and Phytium</p>
Greenhouse temperatures	Relative Humidity (RH)	Watering	Fertilization	Growth regulation	Crop protection
<p>Average temperature for 24 hours is 13°C (55.4°F) till 15°C (59°F)</p> <p>Colder temperatures will delay the flowering time</p>	70-90%	<p>Keep the pot well moist, but do not overdrain it</p>	<p>Use clean water, especially water without fluor</p> <p>Do not use superphosphate</p> <p>Control the roots, white roots are good</p>	<p>Our pot freesias are genetic short so this is not necessary</p>	<p>Active greenhouse climate is needed to avoid stress</p> <p>Ventilators can help for sufficient air circulation</p> <p>Scout regular for Aphids, Trips</p>
Greenhouse temperatures	Relative Humidity (RH)	Watering	Fertilization	Growth regulation	Crop protection
<p>From planting untill shoots of 3-5 cm -> 16°C-20°C (60°F-68°F)</p> <p>From 6cm untill you see the flowers -> 16°C-24°C (60°F-75°F) during the day</p> <p>From 6cm untill you see the flowers -> 13°C-16°C (55°F-60°F) at night</p> <p>From flower colouring until delivery -> 16°C-24°C (60°F-75°F) during the day</p> <p>From flower colouring until delivery -> 13°C-16°C (55°F-60°F) at night</p>	<p>65-75%</p> <p>Avoid humidity drop below 60%</p>	<p>Give after planting sufficient water so potting soil is good moist and cover pots with clear plastic. Remove plastic when first shoots emerge above the soil</p> <p>Moderate watering until the leaves unfold and give a drench with Ridomyl gold during the second/third watering</p> <p>Pot should not be constantly wet, rather slightly dry</p>	<p>800 gram NPK (12-10-28) per m³ mixed through the compost</p> <p>Add nutrition during each watering with 1.5-2 EC</p> <p>Nutrition like 15-5-30 with extra Magnisum and Iron is a good composition between NPK</p>	<p>Use Bonzi (paclobutrazol) when needed as a drench</p> <p>Concentration is depending on variety</p> <p>Bonzi drench have to take place including 30-50 cc water per pot</p>	<p>Use a well drained medium</p> <p>Scout regular for Aphids, Trips, Rhizoctonia, and Phytium</p> <p>Active greenhouse climate is needed to avoid stress</p> <p>Ventilators can help for sufficient air circulation</p>

LILY FREESIA CALLA



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VAN DEN BOS
flowerbulbs

WHERE PASSION COMES TO BLOOM

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