



BRECK'S

**PLANTING
HANDBOOK**

*How to Bring the Magic of Holland
to Your Garden*



BRECK'S®

Bulbs Direct to You from Holland Since 1818

Dear Breck's Gardener:

Thank you for ordering your bulbs and plants from Breck's. Here at our headquarters in the centre of Holland's bulb-growing region, we have selected only the very finest bulbs and plants for shipment to you. Your order has been carefully packed and every possible effort has been made to see that your bulbs and plants reach you safely at the proper planting time for your area.

However, before you place your bulbs and plants in the garden, I would like to suggest you read this special Breck's Planting Handbook. While planting and caring for top-quality bulbs and plants is relatively simple, there are a few precautions you'll want to observe. We've included a number of suggestions in this handbook to help you achieve maximum beauty.

In some cases you may find a slight difference between the information in this handbook and the information in a Breck's catalogue or on the bag in which your bulbs and plants were shipped. In such a case, I recommend you follow the instructions printed on the bag, since these instructions cover the specific variety you have received.

Thank you for giving us the opportunity to send Breck's bulbs and plants for your garden. I hope their beauty will bring great pleasure to you, your neighbours and friends.

Faithfully,



Ben van der Veldt
Directeur, Breck Holland B.V.

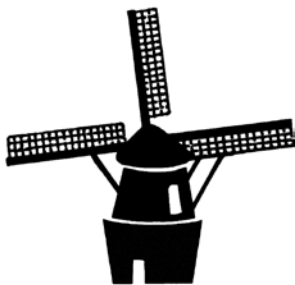
Questions or concerns?

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BULB AND PERENNIAL PLANTING TIPS FROM HOLLAND'S EXPERTS

How to Create a Beautiful Dutch Summer Garden

ON ARRIVAL

Your bulbs and most of your perennials have been shipped to you in their natural dormant stage. Don't be alarmed if your plants appear to be dead or void of green leaves or sprouts. Almost all bulbs and perennials die back to the ground in autumn and early winter. Bulbs and plants are more easily transported in a dormant state than when they are actively growing. All bulbs and perennials should be planted in your garden as soon as possible to ensure the best success.

If you must delay planting, open the bags to permit air circulation and place them out of direct sunlight in a cool (45-55°F [7-13°C]), well-ventilated room. Do not place the bulbs where they can freeze.

If you have the space, storing the bulbs in the refrigerator is another excellent way to "hold them" prior to planting. If you choose this method of storing your bulbs, be sure not to store fruit with them, as this is detrimental to bulbs.

Growing masses of beautiful summer flowers is simple when you start with top-quality Dutch bulbs and perennials.

With just a minimum amount of effort you can have the same beauty found in the finest gardens of Europe.

SOIL

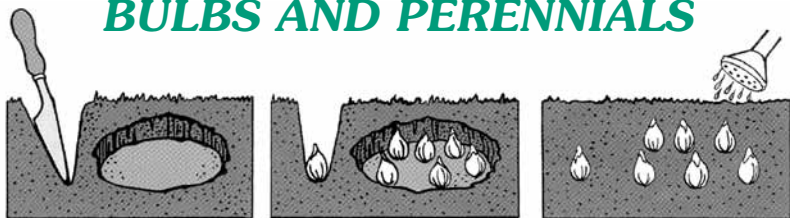
Summer-blooming Dutch bulbs and perennials are not fussy about soil—provided it is not too heavy and sticky. If soil is heavy, loosen it with lots of humus, sand, gypsum, etc. If very light, add moisture holders—humus, peat, leaf mold, etc.

Bulbs and perennials need plenty of water and good drainage. If water has a tendency to stand in the planting area, you'll want to break up hard subsoil and put in a layer of drainage material such as coarse gravel, broken stone or sifted cinders below your surface soil.

PLANTING

Your bulbs should be planted as soon as possible after arriving from Holland in the spring. However, if there is danger of severe frosts yet to come, store your bulbs in a cool, well-ventilated location for delayed planting. Your dormant perennial roots may be kept in their original bags at about 40°F (5°C) (the vegetable drawer of a refrigerator is ideal) for no longer than three weeks. Don't worry if the roots

THREE STEPS TO PLANTING BULBS AND PERENNIALS



1. Dig a hole or bed to proper depth for the type of plant being planted and loosen the soil at the bottom of the hole or bed.

2. Place plant roots or bulbs (generally pointed tips up) at the bottom of hole. Be sure there are no pockets to hold water.

3. Cover with loose soil and pack well. Then give a good initial watering. That's all. Now Mother Nature takes over.

appear to be dead when they arrive. They're just dormant and will sprout into life after you plant them.

On the inside of this planting handbook, you'll find a detailed chart showing the recommended depth of planting and the recommended space between bulbs and perennials. The depth of planting should be measured from the surface level of the soil to the shoulder of the bulb and the top of the perennials. Distance between plants is measured from the centre of one plant to the centre of the next.

While each plant is a complete "plant factory" in itself, with built-in nourishment, it is a good idea to mix a quantity of Breck's® Food for Bulbs and Perennials with the loose soil at the bottom of your planting. This will provide additional food without any danger of "burning." Never apply fresh or half-rotted manure directly on bulbs and perennials.

There are two basic methods of planting. One is to dig individual holes for each plant. This can be done with a garden trowel or one of the special hole-cutting tools called bulb planters.

Dig the hole several inches deeper than the recommended planting depth and fill to base level with a mixture of loose soil and Breck's Food for Bulbs and Perennials. Then place your plant in the hole and cover it with loose soil. Using your fingers, gently push the soil into position around the plant so there will be no air pockets where water can collect.

If you are planting a quantity of plants in a single area, you may want to dig an entire bed to planting depth. Then you can locate each plant just where you want it before covering with soil. Press the soil into position around each plant to eliminate air pockets.

Once the plants are in position and covered, give them a good initial watering.

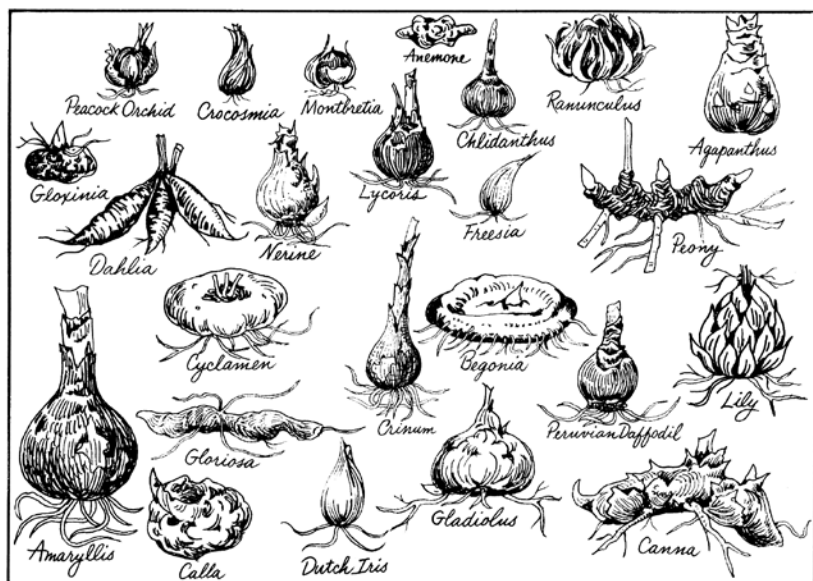
SUMMER CARE

Dutch bulbs and perennials require only a minimum of care during the summer-blooming periods. Like all garden plants, they appreciate a weed-free growing area and watering when nature doesn't supply enough rain to keep the soil moist. Do not, however, let water stand around your bulbs—

Metric conversion:

1 inch = 2.5 cm

1 foot = 30 cm



KNOW YOUR BULBS

The Dutch bulb is one of the wonders of nature—a complete “package” which includes not only an embryonic plant but also its own nourishment for the months it

will spend creating beautiful floral displays. While sizes vary, the guide above will help you recognize some of the basic types of bulbs for summer flowering.

moist soil doesn’t mean *wet* soil.

It generally isn’t necessary to apply fertilizer while your summer bulbs are growing and blooming. Sometimes, however, you can increase blooming by adding dehydrated manure or another plant fertilizer. Be careful not to let any fertilizer touch the foliage.

CUT FLOWERS

Most varieties, as indicated on the chart inside this planting handbook, are excellent for cut flowers. When cutting blooms for bouquets, never cut more foliage than necessary, since the foliage nourishes bulbs for the following year’s growth. Stems without leaves can be cut to within an inch of ground level. The best time for cutting is when buds are just starting

to open. Bulbs with many flowers per stem—like lilies and gladioli—are best cut when the first few buds open. The other buds will open while the stems are in water.

Cutting should be done either in early morning or late evening. Always cut the flowers—don’t just pull them up or break off the stems.

Cut flowers should immediately be placed in clean, tepid water. Let them soak in a cool, dark place for at least six hours before arranging. To prolong bouquet life, add a bit of lemon-lime soda to the water and place your arrangements in a cool place each night. If you rearrange your flowers, it’s best to cut off a bit of the stem to help the flower take up additional moisture.

Remove ripened foliage from bulbs before storing.



Bulbs stored in trays should be kept in a cool, well-ventilated area.



Old nylon stockings are ideal for storing bulbs.

CARING FOR YOUR DUTCH BULBS AND PERENNIALS

How to Lift and Protect Bulbs for Winter Storage and Replanting

Most Dutch bulbs and perennials require only a minimum amount of care to provide annual summer beauty. As the chart inside this planting handbook indicates, some varieties are hardy enough to leave in the ground from one year to the next, and others require fall lifting for storage over the winter.

PROTECTING HARDY BULBS AND PERENNIALS

It's a good idea to give your hardy bulbs and perennials some winter protection if temperatures will fall below freezing. In areas with frequent freezing and thawing, it's important to protect your bulb and perennial beds so the bulbs don't work right out of the ground.

There are many good winter "overcoats" for your bulbs—leaves, evergreen boughs, straw, wood chips, compost or ground corncobs.

LIFTING TENDER BULBS

Less hardy bulbs should be lifted each autumn. As soon as frost has blackened foliage, gently spade up the bulbs, being careful not to cut into the bulbs and damage them.

If you prefer to lift the bulbs before frost has hit, you can dig your bulbs early and store them in a well-ventilated, frost-free area until they are dry. Just

let the leaves remain on the bulbs until they become dry.

Most bulbs should be dried for about a week before you prepare them for storage. Then pull loose any remaining foliage, shake the bulbs gently to remove any clinging soil, dust them with fungicide powder to prevent rot and place them in unsealed paper bags or old nylon stockings with some dry peat moss to keep the bulbs from touching one another.

Dahlias should be dried for only a couple of hours before storing in plastic-lined shallow boxes with a blanket of vermiculite or peat moss.

Begonias should be given a bath just as soon as they are lifted and then stored in shallow, open trays (cover with wire to protect against rodents).

Summer-blooming bulbs require a relatively low temperature for winter storage, 45-60°F (7-16°C). (Dahlias require an even lower temperature. If it gets above 45°F [7°C], they may sprout prematurely.) If you have space in the vegetable compartment of a refrigerator, it is ideal for bulb storage. Most modern basements aren't cool enough for winter bulb storage. Often an unheated garage is a good alternative. Make sure, however, that your bulbs will not freeze.

Metric conversion:

1 inch = 2.5 cm

1 foot = 30 cm

BAREROOT PERENNIALS

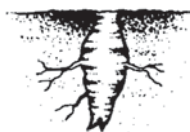
There are five basic types of root systems: fibrous roots, long taproots, rhizomes, roots with “eyes” and fleshy tuberous roots. Before planting, bareroot perennials should be soaked in water for 30 minutes.



Fibrous Roots

(example: tall hybrid phlox)... Dig a hole twice as wide and twice as deep as the bareroots. Carefully spread the roots out in the hole. Holding

the roots with one hand, suspend them in the planting hole at the proper depth. Fill in and around the roots with soil. Tamp the soil with your hand to remove air pockets. Create a “saucer” around the planting hole with soil, mark the planting and fill the saucer with water. Let it soak in and fill the saucer again until the roots are completely watered.



Long Taproots

(examples: hollyhocks, hardy hibiscus)... Follow the procedure outlined above for fibrous roots.



Rhizomes

(example: bearded irises)... Dig a shallow hole 2-4" (5-10 cm) deep and twice as wide as the rhizome.

Create a small mound in the middle of this shallow planting hole. Place the rhizome on top of this mound and spread the roots. Fill the hole with soil, but only partially cover the rhizome. Water thoroughly.

Roots with “Eyes”

(examples: peonies, astilbes)... Dig a hole twice as wide and twice as deep as the root. Holding the root, with “eyes” pointing



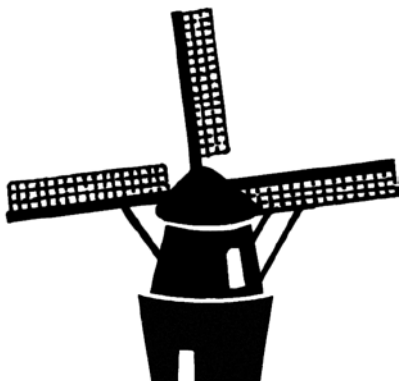
up, at the proper planting depth, fill in and around the root with soil until the planting hole is filled. Firm the soil with both hands and water thoroughly. (Note: It is important to plant the top of the peony level with the soil surface for proper blooming)

Fleshy Tuberous Roots

(examples: daylilies, hostas)... Dig a hole twice as wide and twice as deep as the roots. Create a mound in the planting hole to hold the roots and the crown (where roots meet the stem)



at ground level. Spread the roots over the mound. Fill the planting hole with soil and firm with both hands. Water thoroughly.





BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
4 O'Clocks Mixture	1"	24-36"	24-36"	x	Su - Fa	☀ - ●		
Agapanthus:								
Blue Globe	SL*	10-15"	3'	x	L Su	☀ - ●	x	
Lilliput	3"	12-18"	12-18"	x	Su - E Fa	☀	x	
Amaryllis:								
Butterfly	2"	12-15"	18"	x	8-10 weeks after planting	☀ - ●	x	
Hardy Mixture	2"	12-15"	14-16"		8-10 weeks after planting	☀ - ●	x	
Anise Hyssop:								
Black Adder	SL*	24-36"	30-36"		M Su - E Fa	☀	x	x
Raspberry Summer	SL*	18-24"	30-32"		Su - Fa	☀	x	x
Summer Love	SL*	18-24"	24-36"		Su - E Fa	☀	x	x
Asclepias Mixture	SL*	18-36"	18-36"		Su	☀ - ●	x	
Astilbe:								
Mixture Super Sak®	1"	2'	24-36"		E-M Su	● - ●	x	x
Tall Japanese Red Charm	1"	30-34"	32-40"		L Su	☀ - ●	x	x
Astrantia:								
Mixture	SL*	12-15"	20-24"		Su	☀ - ●	x	
Rosea	SL*	16-18"	18-20"		L Sp - E Su	☀ - ●	x	
Star of Billion	SL*	18-20"	18-20"		L Sp - M Su	☀ - ●	x	
Star of Fire	SL*	20-24"	26-30"		Su	☀ - ●	x	
Venice	SL*	16-18"	22-24"		Su	☀ - ●	x	
Baby's Breath	1"	36-48"	36"		Su	☀ - ●	x	x
Balloon Flower Blue	½"	12"	12"		L Sp - E Su	☀ - ●	x	x
Bee Balm:								
Blue Shades Mixture	SL*	18-24"	30-40"		M Su	☀ - ●	x	x
Cranberry Lace®	SL*	20-24"	12"		M-L Su	☀ - ●	x	x
Feuerschofp	SL*	36-48"	36-48"		Su	☀ - ●	x	x
Fireball	SL*	20"	18-20"		Su	☀ - ●	x	x
Marshall's Deligth	SL*	18-24"	2-3'		M Su - E Fa	☀ - ●	x	x
Mixture	SL*	12-24"	28-40"		Su	☀ - ●	x	x
Begonia:								
Bertinii Everblooming	1"	10-12"	16"	x	Su - Fr	● - ●		x
Cascade	1"	10-12"	6-8"	x	Su - Fr	● - ●		x
Double Mixture								
Super Sak®	1"	10-12"	6-12"	x	Su - Fr	● - ●		x
Everblooming	1"	10-12"	6-8"	x	Su - Fr	● - ●		x
Fiesta Mixture	1"	10-12"	8-10"	x	Su - Fr	● - ●		x

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Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Golden Balcony	1"	10-12"	8-10"	x	M Su - Fr	☉ - ●		x
Marginata	1"	10-12"	8-10"	x	Su - Fr	☉ - ●		x
Pastel Mixture	1"	10-12"	6-8"	x	Su - Fr	☉ - ●		x
Picotee Mixture	1"	10-12"	12-14"	x	Su - Fr	☉ - ●		x
Prima Donna™	1"	5"	16-20"	x	Su - Fr	☉ - ●		x
Switzerland	1"	10-12"	8-10"	x	Su - Fr	☉ - ●		x
Wow™	1"	9-12"	8-12"	x	Su - Fr	☉ - ●		x
Bellflower:								
Bernice	SL*	20-22"	22-24"		E-L Su	☼ - ☉	x	x
Freya Clustered	SL*	10-12"	16-18"		L Sp - M Su	☼ - ☉	x	x
Blazing Star	2"	4-6"	2-3'		M Su	☼ - ☉	x	x
Blue Eyed Mary	SA*	12"	6-8"		M-L Sp	☉ - ●		x
Blue Hill Salvia	SL*	18-24"	15"		Su - Fr	☼	x	x
Burnet Tanna	SL*	16-18"	18-20"		E-L Su	☼ - ☉	x	
Calla Lily Mixture	3"	12-15"	18-24"	x	M Su	☼ - ☉	x	x
Canna:								
Cleopatra Dwarf	3"	15-20"	3'	x	Su - Fr	☼		x
Louis Cotton Dwarf	3"	15-20"	18-24"	x	Su - Fr	☼ - ☉		x
Pink + Roses Dwarf	3"	2'	3'	x	Su - Fa	☼ - ☉		x
Pretoria	3"	18-20"	4-6'	x	Su - Fr	☼		x
Catmint Walker's Low	SL*	18-24"	24-36"		E-L Su	☼		x
Chincherinchee	4"	4-6"	14-16"	x	E Su	☼ - ☉	x	x
Chinese Lantern Lily	3"	6-8"	24-36"	x	E-L Su	☼ - ☉	x	x
Chocolate Cosmos	2"	10-15"	16-24"	x	L Su - Fa	☼	x	x
Cinquefoil:								
Gibson's Scarlet	SL*	12-18"	12"		Su	☼		x
Hopwoods	SL*	22-24"	16-18"		L Sp - E Fa	☼		x
Miss Wilmott	SL*	12-15"	12-18"		Su	A		x
Columbine:								
Alpine	SL*	12"	12"		L Sp - E Su	☼ - ☉	x	x
Blackcurrant Ice	SL*	12-15"	12"		L Sp - L Su	☼ - ☉		x
Crimson Star	SL*	18-24"	18-24"		L Sp - M Su	☼ - ☉	x	x
Giant Mixture	SL*	18-24"	34-36"		L Sp - M Su	☼ - ☉	x	x
Ruby Port	SL*	10-15"	18-24"		L Sp - E Su	☼ - ☉		x
Coneflower:								
Alaska	SL*	12-18"	20-22"		M Su - Fa	☼	x	x
Butterfly Hybrids Mixture	SL*	15-18"	3-4'		Su - E Fa	☼	x	x
Cleopatra	SL*	12-16"	16-18"		Su - Fa	☼ - ☉	x	x
Goldquelle	SL*	24-30"	24-36"		L Su - M Fa	☼ - ☉	x	
Green Jewel	SL*	12-18"	20-24"		Su - E Fa	☼	x	x

Key To Symbols

☼ Full Sun

☉ Partial Shade

● Shade

BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Green Wizard	SL*	2-3'	3-4'		M Su - Fa	☀	x	x
Hot Papaya	SL*	24-30"	30-36"		M-L Su	☀ - ●	x	x
Hot Summer	SL*	24-26"	32-36"		Su - E Fa	☀ - ●	x	x
Magnus	SL*	15-18"	3-4'		M Su - Fa	☀	x	x
Marmalade	SL*	24-30"	26-30"		E-L Su	☀ - ●	x	x
Mount Hood	SL*	22-24"	24-26"		Su - Fa	☀	x	x
Raspberry Truffle	SL*	16-18"	18-22"		Su	☀	x	x
Secret Passion	SL*	16-20"	18-22"		Su - Fa	☀ - ●	x	x
Vintage Wine®	SL*	18-22"	28-32"		M Su - Fa	☀	x	x
White Swan	SL*	18-24"	3-4'		M Su - Fa	☀	x	x
Coreopsis Ruby Frost	SL*	24-36"	18-24"		L Sp - E Fa	☀	x	x
Crocsmia:								
Fire King	5"	4-6"	2'		E-M Su	☀ - ●	x	x
Emily McKenzie	5"	6-9"	16-18"		Su	☀	x	
Daffodils	6"	4-6"	10-12"		E Su	☀ - ●	x	x
Dahlia:								
Blue Star	2"	2-3'	2-3'	x	Su - Fr	☀ - ●	x	x
Colossal	2"	2-3'	3-4'	x	Su - Fr	☀ - ●	x	x
Crazy Love	2"	2-3'	3-3.5'	x	Su - Fr	☀ - ●	x	x
Decorative Mixture	2"	2-3'	3'	x	Su - Fr	☀ - ●	x	x
Dinnerplate	2"	2-3'	3-4'	x	Su - Fr	☀ - ●	x	x
Fall Festival Mixture	2"	2-3'	2-3'	x	Su - Fr	☀ - ●	x	x
Mary Evelyn Collarette	2"	15-18"	30-50"	x	Su - Fr	☀ - ●	x	x
Monet's Garden								
Mixture	2"	2-3'	3-4'	x	Su - Fr	☀ - ●	x	x
Rebecca's World	2"	2-3'	3'	x	Su - Fr	☀ - ●	x	x
Red Carpet Border	2"	15-18"	18-20"	x	Su - Fr	☀ - ●	x	x
Rembrandt Mixture	2"	2-3'	3'	x	Su - Fr	☀ - ●	x	x
Romantic Decorative								
Mixture	2"	2-3'	3-4'	x	Su - Fr	☀ - ●	x	x
Star Mixture	2"	2-3'	3'	x	Su - Fr	☀ - ●	x	x
Super Size	2"	2-3'	3-5'	x	Su - Fr	☀ - ●	x	x
Trebbiano	2"	2-3'	2-3'	x	Su - Fr	☀ - ●	x	x
White Fire Mixture	2"	2-3'	2-4'	x	Su - Fr	☀ - ●	x	x
Daylily:								
Ageless Beauty								
Reblooming	1"	20-22"	28-30"		E Su - E Fa	☀ - ●		
Awesome Blossom								
Reblooming	1"	2-2.5'	24"		E-L Su	☀ - ●		
Baby Red Eyes								
Reblooming	1"	18-20"	20-22"		E-L Su	☀ - ●		
Berrylicious								
Reblooming	1"	24-28"	20-24"		E Su - E Fa	☀ - ●		

Metric conversion:

1 inch = 2.5 cm

1 foot = 30 cm

BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Black Stockings								
Reblooming	1"	18-24"	24"		E-L Su	☀ - ●		
Border Music								
Reblooming	1"	18-24"	24-26"		M Su - E Fa	☀ - ●		
Calico Jack	1"	18-24"	20-22"		E-M Su	☀ - ●		
Doubleleicious Double	1"	18-20"	24-26"		E-M Su	☀ - ●		
Double Fire Cracker								
Reblooming	1"	2-2.5'	22-24"		M Su	☀ - ●		
Fire + Fog								
Reblooming	1"	18-20"	24-26"		E-M Su	☀ - ●		
Fire of Fuji								
Reblooming	1"	24-36"	24-36"		E Su - E Fa	☀ - ●		
First Knight								
Reblooming	1"	18-24"	24-26"		E-M Su	☀ - ●		
French Lingerie								
Reblooming	1"	18-24"	24-26"		M Su	☀ - ●		
Lightning Strike								
Reblooming	1"	18-24"	24-26"		M Su	☀ - ●		
Macbeth Reblooming	1"	2-2.5'	24"		M-L Su	☀ - ●		
New Quest								
Reblooming	1"	24-36"	20-22"		E-L Su	☀ - ●		
Pandora's Box								
Reblooming	1"	15-20"	20"		Su	☀ - ●		
San Luis Halloween								
Reblooming	1"	18-24"	24-36"		E Su - E Fa	☀ - ●		
Spacecoast Scrambled								
Reblooming	1"	1-1.5'	18"		E-L Su	☀ - ●		
Stella de Oro								
Reblooming	1"	15-20"	18-24"		Su	☀ - ●		
Storm of the Century								
Reblooming	1"	18-20"	24-26"		E-M Su	☀ - ●		
Wild Horses								
Reblooming	1"	18-24"	20-30"		E-M Su	☀ - ●		
Dicentra:								
Burning Heart	SA*	12-15"	10"		M Sp - Fr	☀ - ●		x
Red Fountain								
Reblooming	SA*	12-18"	10-12"		L Sp - E Fa	☀ - ●		x
Double Blue								
Queen Sage	SL*	15-18"	18"		L Su - E Fa	☀		x
Dwarf Aster Mixture	½"	12-16"	12-16"		L Su - Fr	☀ - ●		x
Dwarf Red Hot Poker								
Amazing Fun	SL*	24-30"	20-24"		E-L Su	☀	x	x
Firecracker in the								
Sky Mixture	4"	4-6"	20-30"	x	L Sp - E Su	☀ - ●	x	x

Key To Symbols

☀ Full Sun

● Partial Shade

● Shade

BRECK’S®BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Flame Flower	3"	12"	6-10"	x	Su - Fr	☀ - 🌑		
Flowering Fern:								
Flowering Fern	2"	15-18"	12-18"	x	L Sp	☀ - 🌑		
White Flowering Fern	2"	15-18"	12-18"	x	L Sp	☀ - 🌑	x	
Freesia	4"	3-4"	10-15"	x	E Su	☀ - 🌑	x	
Geranium:								
Chrystal Lake Everblooming	SL *	24-32"	20"		Su - Fr	☀ - 🌑		x
Double Jewel Everblooming	SL *	12-16"	16-18"		L Sp - Fa	☀ - 🌑		x
Double Mixture	SL *	24-36"	24-36"		L Sp - E Fa	☀ - 🌑		x
Elke Everblooming	SL *	12-15"	6-10"		L Sp - Fa	☀ - 🌑		x
Hardy Mixture								
Super Sak®	SL *	12-18"	8-12"		Sp - Fa	☀ - 🌑		x
Laura	SL *	24-36"	24-36"		L Sp - L Su	☀ - 🌑		x
Springtime Hardy								
Reblooming	SL *	36-48"	24"		L Sp - Su	☀ - 🌑		x
Starman								
Everblooming	SL *	10-12"	12-14"		E Su - Fa	☀ - 🌑		x
Giant Lily-of-the-Valley	SL *	8-12"	12-16"		M-L Su	🌑 - 🌒	x	x
Gladiolus:								
Deluxe Dutch Mixture	6"	4-6"	3-5'	x	Su	☀ - 🌑	x	x
Glamini®	3"	3-4"	20"	x	Su	☀ - 🌑	x	x
Nymph Hardy	6"	3-4"	18-24"		E Su	☀ - 🌑	x	x
Peter Pears	6"	4-6"	3-4'	x	Su	☀ - 🌑	x	x
Red & Blue Mixture	6"	4-6"	3-4'	x	Su	☀ - 🌑	x	x
Redwing Butterfly	6"	4-6"	3'	x	E Su	☀ - 🌑	x	x
Two-Toned Mixture	6"	4-6"	3-4'	x	E Su - Fa	☀ - 🌑	x	x
Volcano Hardy	6"	3-4"	24-26"		E Su	☀ - 🌑	x	x
Globe Thistle	SL *	18-24"	3-4'		Su - E Fa	☀ - 🌑	x	x
Goatsbeard	SL *	3-4'	3-4'		E Su	☀ - 🌑		x
Golden Queen Trollius	SL *	12-15"	30-36"		Su	☀ - 🌑	x	
Grecian Rose	SL *	12-15"	12-15"		Su	🌑 - 🌒		x
Hardy Cyclamen	1"	10-12"	4-6"		L Su	☀		x
Hardy Ground Orchid	3"	9-12"	6-8"		M-L Sp	🌑		x
Helenium:								
Lollipop	SL *	3-4'	3'		Su	☀	x	x
Red Jewel	SL *	18-24"	30-36"		M Su - Fr	☀	x	x
Ruby Tuesday	SL *	18-20"	24-30"		M Su - Fa	☀	x	x
Heuchera Mixture	SA *	10-14"	12-18"		Su	☀ - 🌑		x
Himalayan Snow								
Marsh Marigold	SL *	10-12"	10-12"		VE - M Sp	☀		x

Metric conversion: 1 inch = 2.5 cm 1 foot = 30 cm

Glamini is a registered trademark of the Coop. Kw. For Ever Waarland, The Netherlands. Growing Glaminis for commercial sale is prohibited.

BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Hollyhock:								
Brilliant Miniature	SL*	18-24"	30"		Su	☀ - ●	x	x
Little Princess Miniature	SL*	12-18"	16-20"		E Su - E Fa	☀ - ●	x	x
Hosta:								
Fire and Ice	SL*	18-24"	10"		L Sp - Su	●		
Fragrant Fire	SL*	2-3'	2-3'		M Su	●		
Mixture	SL*	20-24"	15-36"		M Su	● - ●		
Praying Hands	SL*	12-16"	14-18"		L Su	● - ●		
White Feather	SL*	24"	20"		E Su - Fa	●		
Iris:								
Discovery Dutch	4"	3-4"	25"		L Sp - E Su	☀ - ●	x	x
Japanese Mixture	SL*	12-18"	30-34"		E-M Su	☀	x	x
Mixed Dutch	4"	3-4"	18-24"		E Su	☀ - ●	x	x
Purple Tall Dutch	4"	3-4"	22-24"		L Sp - E Su	☀ - ●	x	x
Rigamarole Siberian	SL*	15-18"	28-30"		L Sp - E Su	☀	x	x
Spicy Cajun Louisiana	SL*	18-24"	38"		M Su	☀ - ●	x	x
Tumble Bug Siberian	SL*	15-18"	32-34"		L Sp - E Su	☀	x	x
Japanese Bottlebrush	SL*	18-24"	30-36"		E - L Su	☀ - ●	x	
Japanese Lantern	½"	24-36"	18-24"		M Su	☀ - ●	x	x
Japanese Spider Lily	2"	6-12"	18-24"	x	L Su - E Fa	☀	x	
Lady's Mantle	SL*	12-15"	12-18"		Su	☀ - ●	x	
Lily:								
Asiatic	6"	9-12"	3-4'		E-M Su	☀ - ●	x	
Asiatic Mixture	6"	9-12"	24-36"		E-M Su	☀ - ●	x	
Carpet Border - Asiatic	6"	8-12"	10-18"		E-M Su	☀ - ●	x	
Carpet Border - Oriental	6"	9-12"	14-18"		M-L Su	☀ - ●	x	
Double Oriental	6"	9-12"	3-5'		M-L Su	☀ - ●	x	
Eyeliner	6"	9-12"	2-3'		E-M Su	☀ - ●	x	
Flore Pleno	6"	9-12"	4-5'		L Su	☀ - ●	x	
Giant Trumpet								
Bellsong	6"	2'	3-5'		M Su	☀ - ●	x	
Iankogense	6"	6-9"	3'		M Su	☀ - ●	x	
Lily Tree®	6"	9-12"	3-8'		M-L Su	☀ - ●	x	
Lionheart Tango	6"	9-12"	24-36"		E-M Su	☀ - ●	x	
nepalense	6"	9-12"	2-3'		L Sp - E Su	●	x	
Oriental	6"	9-12"	3-4'		M-L Su	☀ - ●	x	
Oriental Mixture	6"	9-12"	3-4'		M-L Su	☀ - ●	x	
Lily-of-the-Valley	SL*	4-5"	6"		L Sp	● - ●	x	x
Loddon Royalist	SL*	12-24"	40-48"		E-M Su	☀ - ●	x	
Anchusa	SL*	18-24"	24-36"		E-L Su	☀ - ●	x	
Loosestrife Alexander	SL*	18-24"	24-36"		E-L Su	☀ - ●	x	

Lily Tree is a registered trademark of Gardens Alive, Inc.

Key To Symbols	☀ Full Sun	● Partial Shade	● Shade
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BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Lungwort Blue Lake	SL*	16"	12"		M-L Sp	☉ - ●		x
Meadowsweet	SL*	24-26"	28-30"		Su	☼ - ☉	x	x
Michaelmas Daisy:								
Brigitte	½"	20-24"	28-30"		L Su - Fa	☼	x	
Crimson Brocade	½"	15-18"	36-48"		Su - Fr	☼	x	
Mist Flower Baby Joe	SL*	18-24"	2-4'		L Su - E Fa	☼ - ☉		x
Monkshood	1"	2-3"	3'		M Su	☼ - ☉	x	
Mountain Fleece;								
Fats Domino®	SL*	28-30"	32-36"		L Sp - M Fa	☼ - ☉		x
Firetail	SL*	30-40"	45-48"		M Su - L Fa	☼ - ☉	x	x
Old-Fashioned Bleeding Heart	SL*	3-4'	20-25"		L Sp - E Su	☉ - ●		x
Old-Fashioned Bleeding Heart								
Red Valentine	SL*	18-22"	25-30"		L Sp - E Su	☉ - ●		x
Orange Glory Flower	SL*	9-12"	20"		Su	☼ - ☉	x	x
Oriental Poppy:								
Harvest Moon	SL*	15-18"	30-35"		L Sp - Su	☼	x	x
Helen Elizabeth	SL*	15-18"	28-30"		L Sp - E Su	☼	x	x
Watermelon	SL*	15-18"	25-30"		L Sp - Su	☼	x	x
Oxeye	½"	24"	3-4'		M Su - E Fa	☼ - ☉	x	
Peacock Orchids	5"	3-6"	18-24"	x	L Su	☼ - ☉	x	x
Peony:								
Celebrity	SL*	34-36"	32-34"		E-M Su	☼ - ☉	x	x
Mixture Super Sak®	SL*	3-4'	4'		E Su	☼ - ☉	x	x
Peruvian Lily:								
Mixture	1"	12"	2'		Su	☼	x	
Orange King	1"	9-12"	24-36"		Su	☼ - ☉	x	
Phlox:								
Düsterlohe Tall Garden	SL*	24-36"	3-4'		M-L Su	☼ - ☉	x	
Jade	SL*	20"	18-20"		Su	☼ - ☉	x	
Peppermint Twist	SL*	12-14"	14-16"		Su	☼ - ☉	x	
Raving Beauty	SL*	24-30"	30-32"		Su	☼ - ☉	x	
Roberta	SL*	24-30"	28-32"		Su	☼ - ☉	x	
Sherbet Drink®	SL*	20"	28-30"		M-L Su	☼ - ☉	x	
Tall Hybrid Mixture	SL*	18-24"	2-3'		Su	☼ - ☉	x	
Tall Eye Mixture	SL*	18-24"	2-3'		Su	☼ - ☉	x	
Tall Phlox	SL*	18-24"	2-3'		Su	☼ - ☉	x	
Poppy Anemone:								
Burgundy	2"	3-4"	10-14"		L Sp - E Su	☼ - ☉	x	x
Ring of Fire	2"	3-4"	10-14"		L Sp - E Su	☼ - ☉	x	x
Prairie Mallow								
Partygirl	SL*	18-24"	32"		Su	☼ - ☉	x	
Queen of the Prairie	SL*	3-4'	4-5'		Su	☼ - ☉	x	x

Metric conversion:

1 inch = 2.5 cm

1 foot = 30 cm

BRECK'S® BULB & PERENNIAL PLANTING HANDBOOK

Description	Planting Depth	Spacing	Flowering Height	Lift in Fall	Bloom Time	Planting Spot	Cut Flower	Deer Resistant
Ranunculus Mixture	2-3"	4-6"	15"	x	E-M Su	☀ - ●	x	x
Reblooming Bergenia	SL*	18-24"	18-20"		E-L Sp	☀ - ●	x	x
Morning Blush	SL*	18-20"	20-24"		L Sp - E Su + E FA	☀ - ●	x	
Reblooming Globe Flower	SL*	(See Coneflower)						
Rudbeckia								
Sea Holly:								
Donard Variety	SL*	18-24"	12-24"		M Su - Fa	●	x	x
Little Blue Wonder	SL*	15-20"	10-12"		M Su - Fa	A	x	x
Sedum:								
Birthday Party	SA*	18-20"	10-12"		L Su - Fa	☀	x	
Blade Runner	SA*	8-12"	18-24"		L Su - Fr	☀ - ●	x	
Frosty Morn	SA*	12-15"	12-15"		L Su - Fr	☀ - ●	x	
Lavender & White Mixture	SA*	12-15"	18-24"		L Su - M Fa	☀ - ●	x	
Red Cauli	SA*	12-20"	8-12"		L Su - Fr	☀	x	
Siberian Bugloss:								
Looking Glass	SL*	12-15"	12-15"		M-L Sp	☀ - ●		x
Silver Wings	SL*	12-24"	12-15"		E Sp - Su	● - ●		
Variegata	SL*	12-15"	12-15"		M Sp - E Su	● - ●	x	x
Summer Trumpets	3"	4-5"	6-8"	x	M Su - Fa	☀ - ●		x
Toad Lily:								
Mixture	½"	12-18"	18-24"		L Su - E Fa	☀ - ●	x	x
Purple Beauty	½"	16"	30-32"		L Su - E Fa	● - ●		x
Raspberry Mousse	½"	12-18"	2'		L Su - E Fa	A	x	x
Toad Lily	½"	12-18"	18-24"		L Su - E Fa	A	x	x
Venus False Sunflower	½"	24-30"	30-36"	x	M Su - E Fa	☀ - ●	x	
Verbascum								
phoenicum Mixture	SL*	15-18"	24-30"		E Su - E Fa	☀	x	x
Wandflower								
Red Reflex	3"	4-5"	10-12"	x	E-M Su	☀	x	
Widow's Tears:								
Double Blue	SL*	18-36"	16"		E Su - Fr	☀ - ●		x
Leonora	SL*	18-24"	26-28"		E Su - Fr	☀ - ●		x
Mixture	SL*	18-36"	16"		E Su - Fr	☀ - ●		x
Yarrow:								
Apple Blossom								
Mixture	SL*	18-24"	24-30"		Su	☀	x	x
Petra	SL*	18-24"	22-24"		Su	☀	x	x
Rainbow Mixture	SL*	15-20"	24-30"		Su	☀	x	x
Yellow Wax-Bells	SL*	12"	18"		L Su - Fa	● - ●		

Legend: SL* = Top of plant should be even with soil level

SA* = Top of plant should be slightly above soil level (½")

E = Early / M = Mid / L = Late / Sp = Spring / Su = Summer / Fa = Fall /

Fr = Frost / A = Any Spot

Key To Symbols

☀ Full Sun

● Partial Shade

● Shade

Notes

Breck's® Bulbs

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Brecks.com

Canadian Order Reservation Centre
9353 Graham Rd.
West Lorne, ON N0L 2P0
BrecksBulbs.ca

BR-PG-S13

Breck's Lifetime Guarantee

If, for any reason, you're not completely satisfied with any item upon receipt, after planting or once it grows and blooms, just contact Breck's anytime—no time limit—for as long as you garden. No need to return any item. We'll send a full refund or replacement, whichever you prefer.

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