

2019



DAHLIA



Dear Commercial Grower,

Since 1934 the Fred C. Gloeckner Company has been committed to providing commercial growers with quality horticultural products from worldwide sources, one of them being DAHLIAS!

Welcome to our 2018-2019 Dahlia Catalog featuring many new varieties! Throughout our catalog you will find an a large assortment of Ball, Pompon, Cactus, along with (Small, Medium, Large & Giant) Decorative types of Dahlias. Many exclusive varieties are available throughout the catalog.

In addition to Dahlias, Gloeckner has the following divisions to meet all of your growing needs; Young Plants & Plugs, Grower Supplies, Seed, and Bulb & Perennials.

Please contact your Gloeckner or Ednie Sales Field Representative directly or call our offices with your questions and orders.


With Kind Regards,

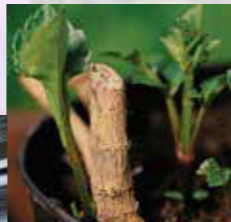
Your Gloeckner-Ednie Team



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 = cut flower



Gloeckner & Ednie Overview of Catalogs

The Fred C. Gloeckner company provides a full range of products and services to the commercial horticulture industry for the entire USA, Canada, Central, and South America.

Below please review some of our latest catalogs and programs. For program information, culture, catalogs, and pricing, please contact your local field representative (see pages 4-5). For Young Plants, Plugs, Grower Supplies, and Seeds you may contact our NY office at 1-800-345-3787; for Bulbs & Perennials, you may contact our Clackamas OR office at 1-888-655-0907 or our Fredon NJ office at 1-800-243-3643.




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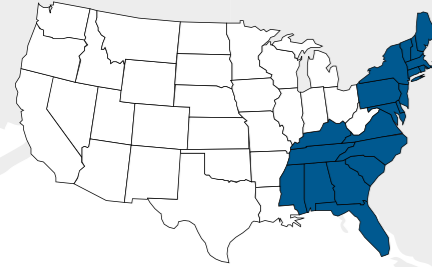
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www.fredgloeckner.com

Free Dahlia Color Guide Poster

As seen above - Measures (46" x 69")
Request your free Dahlia Color Guide Poster with your order.
Call Ednie Flower Bulb Facility @ 1-800-24-EDNIE
or Gloeckner-Clackamas Facility @ 1-888-655-0907

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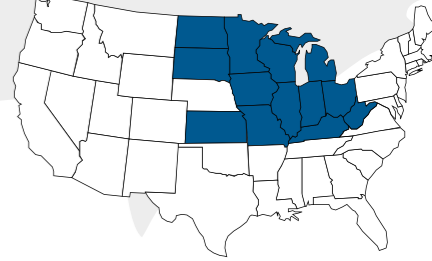
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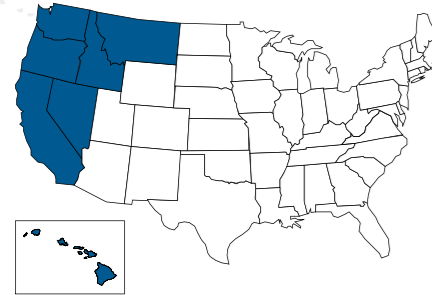
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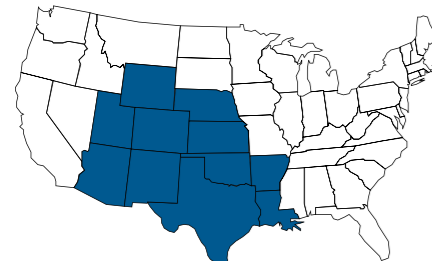
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Dahlia Tuber



Table decoration



Giant flowered
Decorative



Advance
250 mm / 10"



Alva's Supreme
250 mm / 10"



Belle of Barmera
250 mm / 10"



Big Brother
270 mm / 10.5"



Café au Lait
270 mm / 10.5"



Clyde's Choice
250 mm / 10"



Creve Coeur
250 mm / 10"



Cynthia Louise
250 mm / 10"



Blondee
240 mm / 9.5"



Bodacious
260 mm / 10"



Café au Lait Rosé
250 mm / 10"



Fairway Spur
250 mm / 10"



Fleurel
250 mm / 10"



Gitt's Perfection
250 mm / 10"



Hamari Gold
250 mm / 10"



Bohemian Spartacus
250 mm / 10"



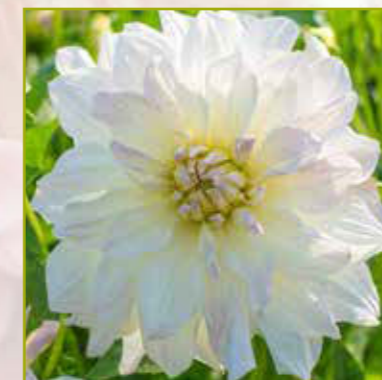
Café au Lait Royal
250 mm / 10"



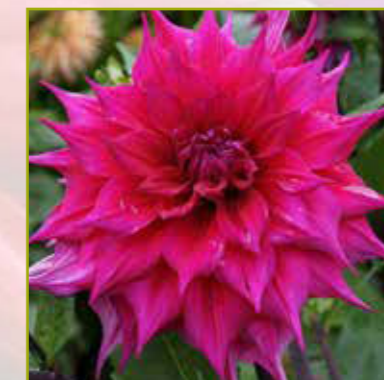
Hapet Blue Eyes
250 mm / 10"



Hart's Dr. McMurray
250 mm / 10"



Iceberg
250 mm / 10"



Jocondo
250 mm / 10"



Emory Paul
270 mm / 10.5"



Kelvin Floodlight
250 mm / 10"



Lavender Perfection
250 mm / 10"



Lavender Ruffles
250 mm / 10"



Mango Madness
250 mm / 10"



Mingus Alex
250 mm / 10"



Striped Emory Paul
270 mm / 10"



Uchuu
250 mm / 10"



Nick Sr.
250 mm / 10"



Otto's Thrill
250 mm / 10"



Shiloh Noelle
250 mm / 10"



Penhill Dark Monarch
250 mm / 10"



Wanda's Aurora
250 mm / 10"



White Perfection
250 mm / 10"



Penhill Watermelon
250 mm / 10"



Philip Campos
250 mm / 10"



Sir Alf Ramsey
250 mm / 10"



Large flowered
Decorative



Almand's Joy
200 mm / 8"



Arthur Hambley
220 mm / 8.5"



Babylon Bronze
220 mm / 8.5"





Babylon Lila
200 mm / 8"



Babylon Paars
200 mm / 8"



Babylon Rood
240 mm / 9.5"



NEW

Barbarossa
200 mm / 8"



NEW

Bluetiful
200 mm / 8"



Islander
220 mm / 8.5"



NEW

La Luna
250 mm / 10"



Labyrinth
200 mm / 8"



Spartacus
220 mm / 8.5"



Bristol Stripe
220 mm / 8.5"



NEW

Dominique
200 mm / 8"



NEW

Elma Elisabeth
220 mm / 8.5"



England's Glory
200 mm / 8"



Lilac Time
200 mm / 8"



Motto
200 mm / 8"



Snowbound
200 mm / 8"



Strawberry Ice
220 mm / 8.5"



Vassio Meggos
200 mm / 8"



NEW

Westerton Lilian
220 mm / 8.5"



Yarra Falls
200 mm / 8"



Medium flowered
Decorative



Alva's Regalia
 150 mm / 6"



American Dawn
 150 mm / 6"



Anna Cornelia
 150 mm / 6"



Break Out
 160 mm / 6.5"



Hapet Duo
 170 mm / 6.5"



Hollyhill Orange Ice
 150 mm / 6"



Jersey Beauty
 150 mm / 6"



Lady Darlène
 190 mm / 7.5"



Contraste
 150 mm / 6"



Dazzling Magic
 150 mm / 6"



Dr. P.H. Riedell
 150 mm / 6"



Lady Liberty
 180 mm / 7"



Lady Nathalie
 150 mm / 6"



Le Baron
 150 mm / 6"



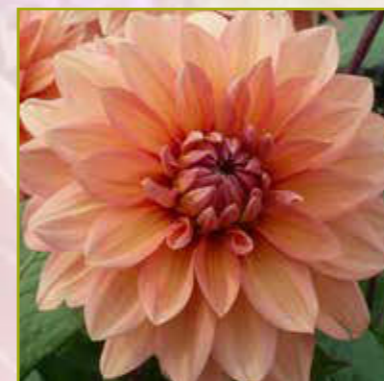
Duet
 150 mm / 6"



Engelhardt's Matador
 150 mm / 6"



Mistry Day
 150 mm / 6"



Nicholas
 150 mm / 6"



Patches
 150 mm / 6"



Pinkie Swear
 150 mm / 6"



Renato Tozio
 170 mm / 6.5"





Ryan C.
150 mm / 6"



Seduction
150 mm / 6"



Striped Duet
150 mm / 6"



Thomas A. Edison
170 mm / 6.5"



Victoria Ann
160 mm / 6.5"



Wyn's Moonlight Sonata
180 mm / 7"



Zaailling F
150 mm / 6"



Small flowered
Decorative



American Sun
110 mm / 4.5"



Bacardi
130 mm / 5"



Black Destiny
140 mm / 5.5"



Blue Bell
110 mm / 4.5"



Blue Boy
110 mm / 4.5"



Bonesta
100 mm / 4"



Arabian Night
110 mm / 4.5"



Bright Diamond
140 mm / 5.5"



Caribbean Fantasy
140 mm / 5.5"



Cartouche
100 mm / 4"



Crème de Cognac
100 mm / 4"



Arbatax
100 mm / 4"



Colorado Classic
140 mm / 5.5"



Con Amore
120 mm / 4.5"





Crazy Legs
100 mm / 4"



Crème de Cassis
100 mm / 4"



Daisy Duke
80 mm / 3"



Dark Butterfly
140 mm / 5.5"



David Howard
100 mm / 4"



G.H. Lammerse
130 mm / 5"



Ginger Snap
120 mm / 4.5"



Gitt's Attention
130 mm / 5"



Irish Pinwheel
100 mm / 4"



Diana's Memory
120 mm / 4.5"



Diva Us
120 mm / 4.5"



El Santo
100 mm / 4"



Eslie
80 mm / 3"



Graceland
110 mm / 4.5"



Hollyhill Lemon Ice
120 mm / 4.5"



Icoon
110 mm / 4.5"



Fluffles
130 mm / 5"



Fur Elise
110 mm / 4.5"



Fuzzy Wuzzy
90 mm / 3.5"



Jowey Gipsy
130 mm / 5"



Karma Amora®
150 mm / 6"



Karma Fiesta®
130 mm / 5"



Karma Fuchsiana
120 mm / 4.5"



Karma Gold®
130 mm / 5"



Karma Irene®
150 mm / 6"



Karma Lagoon®
120 mm / 4.5"



Karma Naomi®
140 mm / 5.5"



Karma Prospero®
150 mm / 6"



Karma Serena®
110 mm / 4.5"



Maxime
140 mm / 5.5"



Miracle Princess
130 mm / 5"



Mr. Optimist
120 mm / 4.5"



NEW

Myrthe
120 mm / 4.5"



Karma Yin Yang®
110 mm / 4.5"



La Recoleta
70 mm / 3"



Lady Kate
120 mm / 4.5"



Loveliflife
110 mm / 4.5"



Myama Fubuki
80 mm / 3"



Nashville
120 mm / 4.5"



Noordwijks Glorie
140 mm / 5.5"



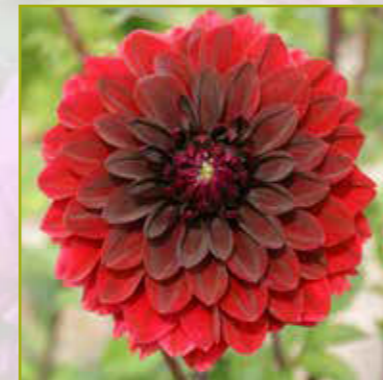
Lake Carey
120 mm / 4.5"



Lake Ontario
140 mm / 5.5"



Lemon Cane
110 mm / 4.5"



Obama
110 mm / 4.5"



Ocean Bird
120 mm / 4.5"



October Sky
120 mm / 4.5"



Offshore Dream
120 mm / 4.5"



Pasolini
100 mm / 4"





Pink Magic
110 mm / 4.5"



Pink Runner
110 mm / 4.5"



Pink Silk
110 mm / 4.5"



Princesse Elisabeth
100 mm / 4"



NEW

Smiling Don
140 mm / 5.5"



Sneeuwstorm
110 mm / 4.5"



Stratos
140 mm / 5.5"



Sunlady
100 mm / 4"



Sugar Cane
100 mm / 4"



Purple Flame
120 mm / 4.5"



NEW

Red Runner
110 mm / 4.5"



NEW

Rosella
150 mm / 6"



NEW

Seniors Hope
120 mm / 4.5"



Silver Years
150 mm / 6"



Sweet Love
100 mm / 4"



Sweet Nathalie
130 mm / 5"



Temple of Beauty
150 mm / 6"



Saint Martin
110 mm / 4.5"



Salmon Runner
110 mm / 4.5"



NEW

Seattle
150 mm / 6"



Time for All
130 mm / 5"



Vanilla
110 mm / 4.5"



Zebrano
130 mm / 5"



Zsaza
110 mm / 4.5"



Waterlily



Apricot Desire
120 mm / 4.5"



Bernard Oberland
150 mm / 6"



Blue Wish
110 mm / 4.5"



Glory van Heemstede
120 mm / 4.5"



Javier G.
100 mm / 4"



Karma Choc®
120 mm / 4.5"



Karma Maarten Zwaan®
140 mm / 5.5"



Kilbury Glow
120 mm / 4.5"



Clarence
110 mm / 4.5"



Christine
110 mm / 4.5"



Blue Wish
110 mm / 4.5"



Mister Frans
140 mm / 5.5"



Moonlady
160 mm / 6.5"



Onesta
110 mm / 4.5"



Pink Skin
150 mm / 6"



Eternal Snow
130 mm / 5"



Excentric
110 mm / 4.5"



Fiorentina
100 mm / 4"



Gerrie Hoek
120 mm / 4.5"



Peace Pact
140 mm / 5.5"



Porcelain
120 mm / 4.5"



Rancho
150 mm / 6"



NEW

NEW

NEW

NEW



Sam Hopkins
130 mm / 5"



NEW

Stefan
120 mm / 4.5"



Twilight Time
150 mm / 6"



White Onesta
110 mm / 4.5"



Yvonne
120 mm / 4.5"



Ball



Addison June
80 mm / 3"



NEW

Andrea Lawson
100 mm / 4"



Askwith Minnie
150 mm / 6"



Babette
100 mm / 4"



Bantling
60 mm / 1.5"



Barbary Alex
100 mm / 4"



Barbary Maverick
100 mm / 4"



Beatrice
100 mm / 4"



Bistro
90 mm / 3.5"



Bonanza
90 mm / 3.5"



Boom Boom Red
100 mm / 4"



Black Diamond
100 mm / 4"



NEW

Blyton Golden Girl
90 mm / 3.5"



Boom Boom White
90 mm / 3.5"



Boom Boom Yellow
80 mm / 3"



Bronze Queen
100 mm / 4"



Brown Sugar
100 mm / 4"



Caitlin's Joy
90 mm / 3.5"



Carston Vailiant
90 mm / 3.5"



Checkers
140 mm / 5.5"



Chimacum Davi
100 mm / 4"



Cornel
100 mm / 4"



Golden Torch
80 mm / 3"



Happy Halloween
120 mm / 4.5"



Happy Hour
100 mm / 4"



Hawaii
100 mm / 4"



Hillcrest Suffusion
130 mm / 5"



Cornel Bronze
80 mm / 3"



Cryfield Harmony
100 mm / 4"



Dark Spirit
70 mm / 3"



Doris Duke
80 mm / 3"



Downham Royal
100 mm / 4"



Hollyhill Calico
80 mm / 3"



Isabel
80 mm / 3"



Ivanetti
80 mm / 3"



Jomanda
80 mm / 3"



Jowey Arenda
110 mm / 4.5"



Eveline
100 mm / 4"



Genova
70 mm / 3"



Gipsy Night
70 mm / 3"



Glamour
120 mm / 4.5"



Golden Scepter
70 mm / 3"



Jowey Chantal
90 mm / 3.5"



Jowey Frambo
100 mm / 4"



Jowey Joshua
100 mm / 4"



Jowey Linda
110 mm / 4.5"



Jowey Marilyn
120 mm / 4.5"



Jowey Martina
90 mm / 3.5"



Jowey Mirella
90 mm / 3.5"



Jowey Nicky
110 mm / 4.5"



Jowey Winnie
110 mm / 4.5"



Julio
90 mm / 3.5"



NEW

Masterton George
90 mm / 3.5"



Megan Dean
80 mm / 3"



Mirella
70 mm / 3"



Natal
60 mm / 1.5"



Nathalie G.
90 mm / 3.5"



Lakeland Autumn
120 mm / 4.5"



NEW

L'Ancrese
100 mm / 4"



Lenny's Dream
110 mm / 4.5"



NEW

Light Wizard
80 mm / 3"



Lilac Ball
90 mm / 3.5"



NEW

Nettie Yellow
70 mm / 3"



NEW

New Baby
50 mm / 1"



Night Queen
100 mm / 4"



Orange Symphony
120 mm / 4.5"



Orsett Beauty
90 mm / 3.5"



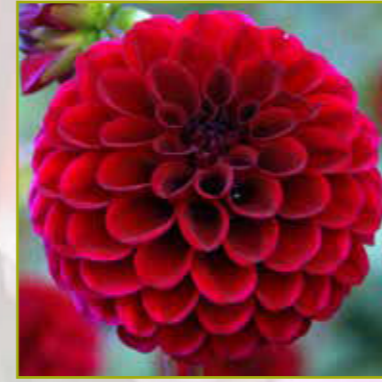
Linda's Baby
90 mm / 3.5"



Little Robert
70 mm / 3"



Marble Ball
90 mm / 3.5"



Maroon Fox
70 mm / 3"



Martina
100 mm / 4"



Paint it Black
90 mm / 3.5"



Peter
70 mm / 3"



NEW

Pink Pearl
100 mm / 4"



NEW

Pink Suffusion
90 mm / 3.5"



Pink Sylvia
90 mm / 3.5"





Polar Ice
120 mm / 4.5"



Purple Cap
90 mm / 3.5"



Purple Fox
80 mm / 3"



Red Cap
90 mm / 3.5"



Red Fox
80 mm / 3"



Salvation
70 mm / 3"



Sebastian
90 mm / 3.5"



Snowcap
90 mm / 3.5"



Souvenir d'Été
60 mm / 1.5"



Sunny Boy
70 mm / 3"



Red Symphony
120 mm / 4.5"



Robann Royal
90 mm / 3.5"



Rossendale Heidi
120 mm / 4.5"



Reycroft Jan
90 mm / 3.5"



Sylvia
110 mm / 4.5"



Symphony
120 mm / 4.5"



Viking
70 mm / 3"



Westerton Folly
150 mm / 6"



White Nettie
60 mm / 1.5"



Reycroft Brenda
100 mm / 4"



Safe Shot
80 mm / 3"



Salsa
70 mm / 3"



Wizard of Oz
80 mm / 3"



Yellow Symphony
120 mm / 4.5"



Zaailing 41-14
70 mm / 3"



Zundert Mystery Fox
80 mm / 3"



Pompon



Burlesca
60 mm / 1.5"



Butercup
40 mm / 1.5"



Chick a Dee
50 mm / 2"



Fatima
50 mm / 2"



Rocco
40 mm / 1.5"



Small World
40 mm / 1.5"



Franz Kafka
50 mm / 2"



NEW
Jan van Schaffelaar
50 mm / 2"



NEW
Kasasagi
50 mm / 2"



Lipoma
50 mm / 2"



Snowflake
50 mm / 2"



Stolze von Berlin
60 mm / 1.5"



Little William
50 mm / 2"



Maaike
40 mm / 1.5"



Nescio
70 mm / 3"



NEW
Petra's Wedding
70 mm / 3"



White Aster
60 mm / 1.5"



Zippity Do Da
50 mm / 2"



Cactus & Semi-Cactus



Akita
180 mm / 7"



Alfred Grille
150 mm / 6"



Ambition
110 mm / 4.5"



American Dream
220 mm / 8.5"



Apricot Star
160 mm / 6.5"



NEW
Autumn Orange
170 mm / 7"





Bergers Record
160 mm / 6.5"



Black Jack
200 mm / 8"



Bridgeview Aloha
160 mm / 6.5"



Cabana Banana
150 mm / 6"



Friquolet
140 mm / 5.5"



Furka
170 mm / 7"



Glamour Girl
200 mm / 8"



Hayley Jane
160 mm / 6.5"



Henriette
130 mm / 5"



Chat Noir
150 mm / 6"



Cheerio
120 mm / 4.5"



Clair Obscur
140 mm / 5.5"



Hollyhill Cotton Candy
160 mm / 6.5"



Hollyhill Spider Woman
200 mm / 8"



Ice Crystal
120 mm / 4.5"



Karma Bon Bini®
100 mm / 4"



Color Spectacle
170 mm / 6.5"



Elga
140 mm / 5.5"



Floyd's
130 mm / 5"



Forrestal
160 mm / 6.5"



Fringed Star
150 mm / 6"



Karma Pink Corona®
140 mm / 5.5"



Karma Purple Corona®
140 mm / 5.5"



Karma Red Corona®
140 mm / 5.5"



NEW



Kiev
200 mm / 8"



Karma Sangria®
150 mm / 6"



Kennemerland
160 mm / 6.5"



Kenora Macop-b
200 mm / 8"



Orfeo
170 mm / 6.5"



Penhill Autumn Shade
200 mm / 8"



Pinelands Pam
200 mm / 8"



Preference
120 mm / 4.5"



Leila Savanna Rose
160 mm / 6.5"



Ludwig Helfert
160 mm / 6.5"



Mel's Orange Marmalade
200 mm / 8"



Rip City
150 mm / 6"



Purple Gem
140 mm / 5.5"



Mount Tacoma
170 mm / 6.5"



Myrtle's Folly
200 mm / 8"



Nenekazi
170 mm / 6.5"



Okapi's Sunset
110 mm / 4.5"



Omega
200 mm / 8"



Radiance
160 mm / 6.5"



Ripples
150 mm / 6"



Rockcliffe Billy
140 mm / 5.5"



Striped Vulcan
150 mm / 6"



Sugar Diamond
120 mm / 4.5"



Susan Gilliot
150 mm / 6"



Tamburo
110 mm / 4.5"



Tutu
170 mm / 6.5"



Witteman's Best
180 mm / 7"



NEW
Vancouver
150 mm / 6"



Veritable
150 mm / 6"



Vulcan
200 mm / 8"



Worton Blue Streak
120 mm / 4.5"



Anemone



Blue Bayou
120 mm / 4.5"



NEW
Bon Odori
100 mm / 4"



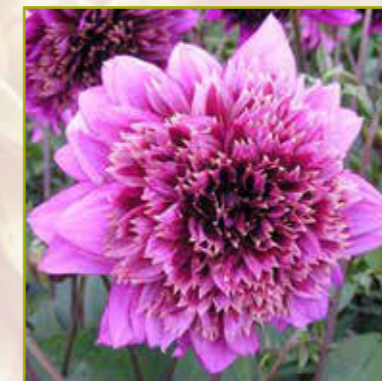
NEW
Dad's Favorite
100 mm / 4"



NEW
Floorinoor
120 mm / 4.5"



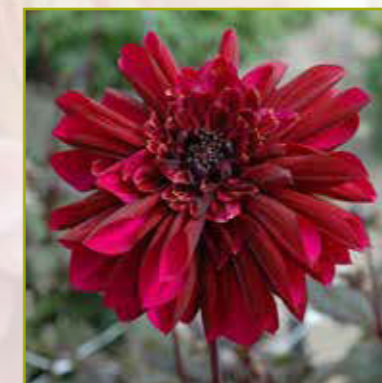
Jive
110 mm / 4.5"



Mambo
130 mm / 5"



Polka
130 mm / 5"



Purple Haze
130 mm / 5"



Platinum Blonde
90 mm / 3.5"



NEW
Rockstar
100 mm / 4"



Soulman
70 mm / 3"



Totally Tangerine
100 mm / 4"



Take Off
90 mm / 3.5"



Dwarf
Decorative



Gallery Art Deco®
120 mm / 4.5"



Gallery Art Fair®
130 mm / 5"



Gallery La Tour®
120 mm / 4.5"



Gallery Matisse®
110 mm / 4.5"



Gallery Monet®
130 mm / 5"



Gallery Pablo®
140 mm / 5.5"



Gallery Rembrandt®
100 mm / 4"



Gallery Art Nouveau®
120 mm / 4.5"



Gallery Bellini®
140 mm / 5.5"



Gallery Riviera®
70 mm / 3"



Gallery Singer®
90 mm / 3.5"



Gallery Salvador®
150 mm / 6"



Gallery Valentin®
90 mm / 3.5"



Gallery Cezanne®
120 mm / 4.5"



Gallery Cobra®
130 mm / 5"



Gallery Vincent®
130 mm / 5"



Garden Wonder
170 mm / 6.5"



Melody Allegro®
120 mm / 4.5"



Melody Allegro Rose®
120 mm / 4.5"



Melody Bolero®
100 mm / 4"



Melody Dora®
120 mm / 4.5"



Melody Fanfare®
140 mm / 5.5"



Melody Harmony®
150 mm / 6"



Melody Swing®
120 mm / 4.5"



Melody Mambo®
110 mm / 4.5"



Practical tips Cut flower production of Dahlias

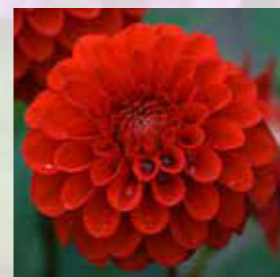
Planting material

We sell #1 size tuber clumps. Not Individual tubers. Dahlia clumps will produce more shoots because they have more eyes on the clump.

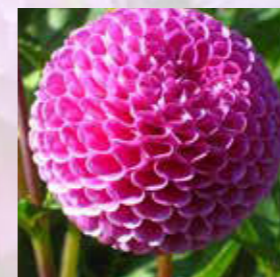
Storage

Storage in crates at a temperature of 46°F (8°C) until planting. Open the crates/boxes and bags for ventilation. Avoid strong fans that may cause tubers to dry out.

Types of Dahlias



Ball



Pompon



Cactus



Small & Medium **Decorative**



Large & Giant **Decorative**

Soil

Dahlias will grow in any type of soil. The ideal pH value is 6 to 7. Applying lime will increase the pH. Good drainage is necessary to keep the underground parts of the plant from rotting; this means that water should drain quickly following heavy rainfall. Dahlias have large leaf surfaces and transpire large quantities of water. This water can be absorbed by the roots only when soil moisture levels are adequate. For these reasons, frequent monitoring of the soil moisture is important. Water thoroughly when planting, then lightly until plants are established. As plants grow larger, increase watering frequency. Drip irrigation is recommended. Insufficient moisture results in slow growth, fewer flowers and leaf yellowing.

Nutrients

The soil must contain adequate levels of potassium and phosphate. If the level of phosphate is too low, apply to the soil before planting.

Potassium can also be applied before planting. Incorporate the potassium and phosphate thoroughly into the upper 6" (15cm) of soil. The application of nitrate can influence the vegetative development during the growth period. Monitor the colour of the leaves (they should remain bright green) and strive for a continuous development of leaves and flowers. A nitrate deficiency will result in short plants with a pale leaf colour, but too much nitrate will produce straggling, limp plants, with fewer flowers.

Planting period

Soil should be at least 55°F (13°C) before planting. Planting into cold soil raises the chance of rotting tubers. Dahlias grow best at air temperatures between 60-75°F (15-25°C), but can withstand cooler, or warmer temperatures, they will not tolerate any frost.

Planting density and planting

Standard spacing is two rows, 15-18" (38-45cm) apart in a 3-4"

(1-1.2m) wide bed. Space plants 18" (45cm) apart down the row, in an alternating pattern. Use wider spacing for cultivars with a large, more spreading habit. Cover the crown of the tuber on which the growth eyes are located with 1" (2-3cm) of soil. Tubers should be horizontal or pointing down.

Bloom period

Dahlias begin to bloom 10-12 weeks after planting, and continue until frost. Growing in a high tunnel may protect plants from early frosts. Dahlias in the field can be protected from a light frost by running sprinklers on them throughout the night, until air temperatures are above freezing the following morning.

Weed control

Weeds can be controlled by the

use of mulch, manual weeding, or herbicides. Start with a weed free planting bed. Read and follow all chemical labels to ensure the product is labelled for Dahlias. Many growers plant dahlias in landscape fabric to control weeds, and conserve moisture. If grown in landscape fabric in areas with high heat, spread clean straw on the fabric to reduce heat gain from the sun.

Support

Tall dahlias need support. The weight of the plant and its flowers is so great that high wind and heavy rain can knock the plants to the ground. Use Hortonova Crop Support Netting, or Gloeckner Welded Wire Flower Support (Both available on page 118 of the Gloeckner supply catalog.), placed horizontally over the dahlias, soon

after planting. Include intermediate supports along the sides of the bed. Growers have also been successful using the Florida Tomato Weave method of staking.

Disbudding

To produce long attractive stems and larger flowers, growers may remove axillary shoots. A dahlia plant continues to produce new offshoots. Harvesting the flowers stimulates this and makes it possible to continue harvesting over a long period. Some growers remove the central stem with a hard "pinch" to encourage earlier branching.

Harvesting flowers

For uniform flower maturity, it is important to cut the flowers every day. On warm days harvest early in the morning or late in the






afternoon. Harvest half to fully open, depending on your needs. Cut long stems to encourage the plant to produce more long stems. Bunching can be done immediately in the field or later in the processing facility. Remove the lowest leaves. Trim the flower stems in each bunch to the desired length and place them in a water-filled container. Use a chlorine tablet to prevent bacterial growth.

Storing flowers

Place the flowers in a cooler at 35°F (2°C) use a holding solution to extend vase life and keep the water in the bucket clean. Dahlias are best "picked today, and sold tomorrow". Holding dahlias overnight in a cooler has shown to reduce premature wilting. Dahlias do not store well for long periods. Pick new and compost the old.

Pests and diseases

Various pests and diseases can affect the production of dahlias for cut flowers. Here are the most common ones accompanied by their control measures. Remember to consider hygiene and to start with healthy starting material. Prevention is better than a cure. Foliage or flowers damaged by insects or disease will not recover. If the problem is addressed, new growth should be fine.

Cause		Symptoms	Prevention/control
Dahlia smut <i>(Entyloma dahliae)</i>		Light green to yellow round spots and sometimes angular spots bounded by veins appear primarily on the lowest leaves and measure up to 7/16" (2-10mm) across. The infection occurs mainly during flowering and then particularly under humid conditions.	Use a generous crop rotation period. Choose a planting density that will allow the foliage to dry quickly after rainfall. Remove and destroy diseased and dead plant parts. If necessary, spray with a fungicide according to instructions.
Aerial stalk rot <i>(Sclerotinia sclerotiorum)</i>		The sudden weakening of one or more stalks on a plant is a symptom of this disease. Large sclerotia with the appearance of rat faeces form inside the hollow stems. Damage occurs primarily on plots that are regularly used for producing host plants such as Dahlia, beans, Chrysanthemum, Liatris and potatoes.	In case of an infestation, spray with a fungicide according to instructions. Remove and destroy diseased plants along with neighbouring plants. Steam infected soil. Use a generous crop rotation period.
Aphids		The upper leaves of young shoots become misshapen or tightly curled. Clusters of black or green aphids can be found on the undersides of these leaves and sometimes on young stems and flower stems as well.	If necessary, spray with an insecticide according to instructions.
Spider mite		Affected leaves turn dark brown in places and fall off prematurely. These symptoms are generally caused by Tetranychus urticae (Red Spider Mite) that occurs on many host plants. Hot dry weather increases the reproduction rate of spider mites.	Spray regularly and according to the instructions with an agent that controls red spider mite.
Thrips <i>(Thrips tabaci)</i>		Affected plants display a noticeably slowed rate of growth. Often, the lowest leaves are shaped normally but the younger leaves are highly misshapen. Flower formation is also disrupted. Hot dry weather increases the reproduction rate of thrips.	Spray with insecticide according to instructions. Be sure to treat the tips of the buds thoroughly.



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