



SELECTA ONE® HAS THE DIANTHUS SOLUTION FOR YOU!

Have vou heard? Selecta One Dianthus cuttings are now available to you from offshore locations and with an expanded Root & Sell network. That's because Selecta One is the first breeding company certified by the U.S. Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) as an approved offshore Dianthus production farm.

When you're shopping for Dianthus, purchase your unrooted cuttings, rooted liners and Callus+ cuttings from a licensed Selecta One Root & Sell Station. See page 21 for locations throughout North America.

Certified by



Dear Selecta Ope,

I used to deal with inconsistency in rooting with domestic Dianthus suppliers, but your 'Kenyan consistency' has given me a new confidence in Dianthus rooting.

Garett Vaisman Grower at Lucas Greenhouses Monroeville, New Jersey

Key

(V) Vigor

1 low

1 very early

3 medium

low-medium 2 early 3 standard A excellent B very good

medium-high

5 high

C good

FIRST CLASS AND AND ON TIME



- Satisfying any quantity you need, all in one shipment.
- Keeping your costs down and profits up.
- Providing you with **product variety** for every need.



1

GROW YOUR WAY

You already appreciate the dependability of Selecta One's proven supply chain. Now that we're flying dozens of varieties of Dianthus and pot carnations **as unrooted cuttings and Callus+ cuttings** directly into the U.S., take advantage of our expanded product range by broadening your Dianthus programs.

Dianthus Callus+ cuttings, NEW from Selecta One:

- Save money by eliminating IBA rooting hormone cost.
- Save propagation time by at least 2 weeks.
- Reduce waste by achieving 100% rooting success.
- Reduce risk with proven success from extensive trials across North America.





THERE'S A Dighthus FOR THAT!

Shop annuals, perennials, outdoor pots and indoor pots for gift-giving occasions, and in-ground varieties for cut flowers and landscapes.

Series	Potted Plant	Works in Landscape	Perennial	Annual	Flower Type	Size/ Habit	Pot Sizes	Description
Capitán™		√	7a	√	Double	Upright	2.5 qt., (2.8 L) 8 to 14 in (20 to 35 cm) planters	Large, vigorous plant. Can be used as a cut flower. Great in ground and in containers. Long season flowering.
Carmen™		✓	5b	✓	Double	Medium Upright	1 to 2.5 qt. (1 to 2.8 L)	True carnation. Excellent uniformity. Blooms continuously until frost. Overwinters better than others.
DiaDeur™	√		6a	✓	Double	Medium Upright	6 in. to 2.5 qt. (1 to 2.8 L)	Fully double blooms. Fragrant flowers. Multicolored blooms. Ideal for container and garden use.
Early Love®	√		7a	✓	Double	Compact Upright	4 to 6 in. (10 to 15 cm)	Excellent branching. Early flowering. Large, double bicolored blooms. Ideal bouquets for Valentine's Day.
EverLast™		√	5a	✓	Single and Double	Medium Upright	2.5 qt (2.8 L)	Extremely floriferous. Blooms early in Spring, late into Summer, again in Fall.
I Love U	✓		7a	\checkmark	Double	Compact Mounded	2 to 4 in. (5 to 10 cm)	Colors range from deep pink to white. Marketing retail program available.
Oscar*	√		6a	√	Double	Compact Upright	4 in., 1 qt, (10 cm, 1 L) bowls, planters	Excellent bloom life. Heat and frost tolerant. Blooms last in various conditions. Ideal as a potted gift plant.
Palm Peach	✓		7a	\checkmark	Single	Compact Upright	2 to 4 in. (5 to 10 cm)	Compact potted plant. Extremely long-lasting flowers. Excellent windowsill plant.
Pashmina™		✓	5b	✓	Petite Single	Low- Growing	Packs to 2.5 qt. (2.8 L)	Very well-matched series. Perfect for core color gallon programs. Good for large indoor pot carnations.
Pink Kisses®	✓	✓	5a	\checkmark	Semi- Double	Compact Upright	2 to 4 in. (5 to 10 cm)	Vibrant two-tone flowers. No deadheading. Ideal grab-and-go gifts for retail.
Purple Wedding™	✓		7a	\checkmark	Semi- Double	Compact Upright	4 to 6 in. (10 to 15 cm)	 Upright carnation with bicolor blooms. Attracts pollinators to gardens. Frost-tolerant flowers. Works well as an indoor potted plant.
Scully	√		5a	\checkmark	Single	Compact Upright	2 to 4 in. (5 to 10 cm)	Vivid purple with striking dark leaves. Handles cold and wet conditions. Thrives in Summer gardens. Works well as an indoor potted plant.
SuperTrouper™		√	6a	✓	Double	Medium Upright	6 in. to 2.5 qt. (1 to 2.8 L)	Fully double blooms. Fragrant flowers. Excellent pot carnation. Ideal for container and garden use.
Vivacia™	✓	✓	7a	\checkmark	Double	Upright	6 in. to 2.5 qt. (1 to 2.8 L)	Excellent landscape product. Can be used as a groundcover. Masses of delicate flowers.

Check out our scheduling charts on page 19 or scan the QR code to utilize our interactive guide!



Totted Pants

For Valentine's Day, Mother's Day and even an impulse purchase "just because," opportunities abound for potted Dianthus plants to add pops of color to everyone's indoor spaces. Expand your standing as a potted plant producer with these varieties.



Amals

Look to low-maintenance, annual Dianthus varieties to spice up containers, landscapes, rock gardens, flower beds and cut flower gardens. Their fragrances are delightful, and their colors attract butterflies, bees and other beneficial pollinators.



Perrials

With hardiness to USDA Zone 5, these frost-hardy, late-season tender perennials provide home gardeners and professional landscapers with delightful fragrances and dependable blooms atop frilly green and blue-green foliage.





I LOVE U

Dianthus caryophyllus

POTTED PLANT | COMPACT VIGOR | MOUNDED HIGH DENSITY

- Dianthus and pot carnation
- Always displays a full range of colors
- Works both indoors and outdoors
- Pollinators love this fragrant carnation
- Colors range from deep pink to soft rose to white
- Marketing retail program available

USDA Hardiness Zone: 7a Height: 2 to 4 in. (5 to 10 cm) Spread: 5 to 7 in. (13 to 18 cm) Ideal Pot Sizes: Quarts

Uses: Pots, Combos, Landscapes





PALM PEACH

Dianthus cultivars

POTTED PLANT | MEDIUM VIGOR | UPRIGHT

- Extremely long-lasting flowers
- Windowsill item or compact potted plant
- Ideal for distribution center shipping
- Cold tolerant: not sensitive to ethylene

Height: 10 to 14 in. (25 to 36 cm) Spread: 8 to 12 in. (20 to 30 cm) USDA Hardiness Zone: 7a Ideal Pot Sizes: Quarts, Gallons

Uses: Pots, Combos



Palm Peach

② 2 ③ 2 ⑧ B

PURPLE WEDDING™

Dianthus cultivars

POTTED PLANT | MEDIUM VIGOR | UPRIGHT

- Tricolored purple blooms include a dark eye
- Early, upright, dark-leafed carnation
- Frost tolerant and lasts for months
- Attracts pollinators to gardens
- Works well as an indoor potted plant

Height: 12 to 14 in. (30 to 36 cm) **Spread:** 10 to 12 in. (25 to 30 cm) **USDA Hardiness Zone:** 7a

Ideal Pot Sizes: Quarts, Gallons

Uses: Pots, Combos



Purple Wedding

© 2 © 2 ® B

SCULLY

Dianthus caryophyllus

POTTED PLANT | COMPACT VIGOR | UPRIGHT

- Vivid purple blooms contrast striking dark foliage
- Early and mid-Spring sales
- · Versatile for indoor or outdoor use
- Grow cool for low-energy production
- Handles cold and wet conditions
- Thrives in Summer gardens
- Works well as an indoor potted plant

Height: 10 to 14 in. (25 to 36 cm) Spread: 8 to 12 in. (20 to 30 cm) USDA Hardiness Zone: 6a Ideal Pot Sizes: Quarts Uses: Pots. Combos



Scully

(v) 2 (v) 2 (w) B

OSCAR®

Dianthus caryophyllus

ANNUAL | COMPACT VIGOR | MOUNDED

- Hyper-uniform pot carnation series
- Best-branched habit on the market
- Long-lasting double blooms
- Stunning in mono-combos

USDA Hardiness Zone: 6a Height: 8 to 10 in. (20 to 25 cm) **Spread:** 6 to 10 in. (15 to 25 cm) **Ideal Pot Sizes:** Quarts, Gallons **Uses:** Pots, Combos, Landscapes



Light Rose



Neon Pink



Peach Edge **♥**2 **♥**2 **®**B



Ruby Splash **♥2 №**2 **®**B



Pink **♥**2 **№**2 **®**B



Pink+Purple





Cherry **♥2 №2 ®**B



Cherry+Velvet



Dark Red **₩**2 **№**2 **®**B





Violet+Pink



Salmon





NEW CAPITÁN™

Dianthus cultivars

USDA Hardiness Zone: 7a to 10b Height: 12 to 18 in. (30 to 46 cm Spread: 14 to 18 in. (36 to 46 cm Uses: Pots, Combos, Landscapes

ANNUAL | LARGE VIGOR | UPRIGHT

- Winner of the 2023 Greenhouse Grower Reader's Choice Award
- Growers can expect smooth sailing with Capitán Dianthus!
- A premium Dianthus series with XL vigor that can be sold for a premium price
- Novel bicolor double blooms
- Prized for its lovely fragrance
- Durability through cold-chain shipping processes in retail settings



Pink+Eye ♥3 • 2 ®B





Red White Edge

© 3 ③ 2 ⑧ B







Capitán is a series of larger Dianthus plants, with excellent colors, that can be grown with little or no heat. They are durable through multiple shipping processes and in retail settings.



NEW VIVACIATM

Dianthus cultivars

ANNUAL | MEDIUM VIGOR | MOUNDED

- Features large, vivid solid colors
- Very uniform series
- 20% larger than SuperTrouper series
- Ideal for large containers, combinations and garden beds

USDA Hardiness Zone:

Height: 10 to 16 in. (25 to 41 cm) **Spread:** 10 to 14 in. (25 to 36 cm)

Ideal Pot Sizes: Gallons

Uses: Pots, Combos, Landscapes



SUPERTROUPER™

Dianthus caryophyllus

ANNUAL | UPRIGHT & MOUNDED

- Double flowers
- Excellent color range
- Wonderful fragrance
- Strong performer in pots and gardens

USDA Hardiness Zone: 6a Height: 10 to 14 in. (25 to 36 cm) Spread: 10 to 12 in. (25 to 30 cm) Ideal Pot Sizes: Quarts, Gallons, Larger than Gallons

Uses: Pots, Combos, Landscapes



Yellow 25 **♥**3 **९**2 **®**B





Orange ♥3 ∳3 ®B







Red+White ③3 ③2 ⑧B





Scarlet

③3 ⑤3 ⑧B





NEW SuperTrouper Yellow 25

DIADEUR™

Dianthus caryophyllus

ANNUAL | MEDIUM VIGOR | UPRIGHT & MOUNDED

- Well-branched habit
- Low-energy growing; weather tolerant
- Fully double, multicolored blooms
- Fragrant flowers
- Ideal for containers both indoor and outdoor and garden use



Pink Shades ♥3 • 2 ® B



Magenta+Red ♥3 ⊕3 ∰B



USDA Hardiness Zone: 6a

Larger than Gallons

Height: 10 to 14 in. (25 to 36 cm) **Spread:** 10 to 12 in. (25 to 30 cm)

Ideal Pot Sizes: Quarts, Gallons,

Uses: Pots, Combos, Landscapes



₩3 **3**2 **8**B



Magenta+White Edge ♥3 • 2 ® B

CARMEN™

Dianthus cultivars

PERENNIAL | MEDIUM VIGOR | UPRIGHT

- Overwinters better than other carnations
- Excellent uniformity
- Double blooms
- True carnation
- Blooms continuously until frost

Height: 10 to 14 in. (25 to 36 cm) Spread: 10 to 12 in. (25 to 30 cm) USDA Hardiness Zone: 5b Ideal Pot Sizes: Quarts, Gallons Uses: Pots, Combos, Landscapes



Pink ♥3 ⊕2 ∰B



Burgundy

③ 3 ③ 2 ⑧ B



Red **③**3 **⑤**2 **⑥**B



Purple

© 3 © 2 ® B

NEW PASHMINA™

Dianthus cultivars

PERENNIAL | SPREADING

- Excellent in the landscape
- Super-tough, overwintering series is hardy in Zone 5a
- Blooms Spring through Summer, and comes back year after year
- No vernalization required
- Fast-crop perennial for Spring planting



Pink+White **⊘**1 **⊙**2 **⊚**B



Magenta **V**1 **3**2 **8**B



USDA Hardiness Zone: 5a **Height:** 8 to 12 in. (20 to 30 cm) **Spread:** 14 to 20 in. (36 to 51 cm)

Uses: Pots, Landscapes

Gallons

Ideal Pot Sizes: Packs, Quarts,



$EVERLAST^{\text{\tiny{TM}}}$

Dianthus interspecific

PERENNIAL | MEDIUM VIGOR | UPRIGHT & MOUNDED

- Most extensive color range
- Blooms in early Spring
- Tough as nails in any weather

USDA Hardiness Zone: 5a **Height:** 8 to 12 in. (20 to 30 cm) **Spread:** 10 to 14 in. (25 to 36 cm) Ideal Pot Sizes: Quarts, Gallons Uses: Pots, Baskets, Combos, Landscapes



Cherry Swirl **♥2 №1 ®**B



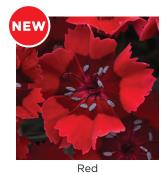
Neon Pink



Lavender Shimmer **₩**2 **№**2 **®**B



Peach **♥**3 **⊕**1 **®**B



⊘1 **⊙**2 **⊚**B



Ruby Edge **♥**3 **♥**3 **®**B



White **⊘**2 **⊙**2 **⊗**B



Red+Pink **♥3 №**2 **®**B





⊘1 **⊙**2 **⊗**B



Pink to White

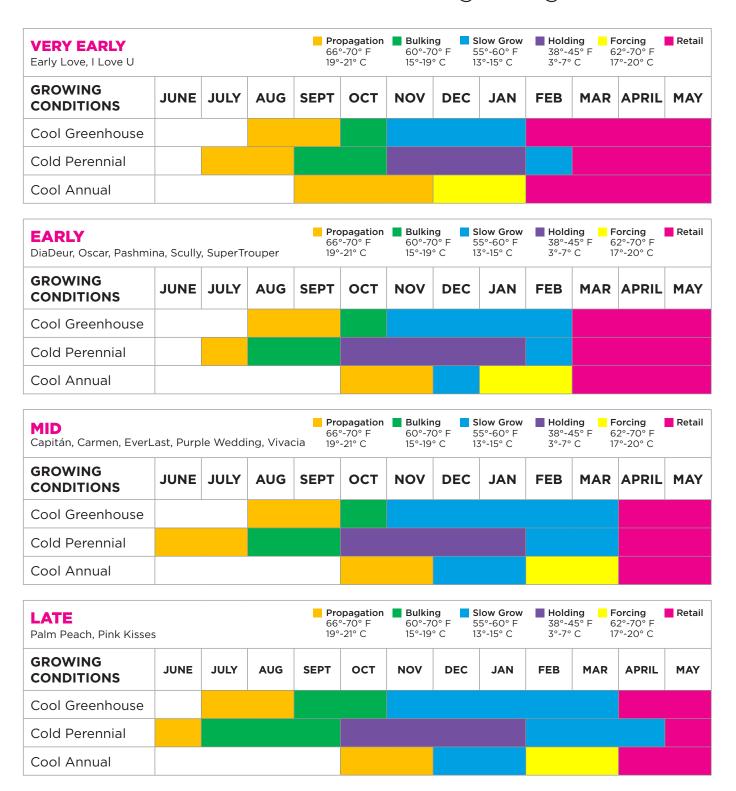




Violet Blue **♥**3 **♥**3 **®**B

DIANTHUS SCHEDULING

Based on desired finish week and growing conditions





Can't decide on the right Dianthus and carnation for your growing conditions? Scan the QR code to open our interactive selection tool!

SelectaNorthAmerica.com/Dianthus/Schedule

GROWING GUIDELINES

PROPAGATION

- Choose a well-drained medium with an EC of 0.75 to 0.80 mmhos and a pH of 5.5 to 5.8.
- Dianthus cuttings should be stuck on the day of arrival. Cuttings can be stored overnight at 39 to 45°F (4 to 7°C). Soaking the cuttings in water for 1-4 hours, cut end down, "asparagus style," can help prevent cuttings from drying out. Cuttings arrive bundled to make this easy.
- A rooting hormone is recommended to promote early, uniform rooting. IBA at 1,000 ppm dip is preferred.
- Soil temperature should be maintained at 68 to 72°F (20 to 22°C) until roots are visible.
- Mist heavily in the first few days to prevent desiccation. Reduce mist after 4-5 days to prevent excess water in the media. Too wet media will result in heavy callus and slow rooting.
- Begin fertilization when roots become visible with 75 to 100 ppm N. Increase to 150 to 200 ppm N as roots develop.
- Pinching is used to remove the first bloom, and to increase fill for larger containers.
 It is not needed with some varieties.
 Configure can be applied to enhance branching in no-pinch scenarios.
- Dianthus rooted cuttings should be ready for transplanting 28 to 33 days after sticking.





Easy, bundled cuttings

Configure



Pinching



3 Weeks After Stick

GROWING ON TO FINISH

- Use media with good aeration, drainage and water-holding capacity. Maintain pH 5.8-6.4.
- Dianthus should be grown cool or cold, depending on the type of production. See scheduling chart on page 19.
- For cold season production, grow in high light conditions.
- Feed regularly at 200-300 ppm N from a complete 17-5-17 cal-mag formula fertilizer.
- Avoid dramatic swings in media moisture to avoid root rot and other diseases.

- Watch for Alternaria leaf spot. This fungal pathogen is the most common disease.
- When grown cool, Dianthus will need little or no PGR. When needed from warm temperatures and/or vigorous varieties, PGR options include paclobutrazol sprays at 1-2 ppm, B-Nine at 2,500 ppm or Cycocel at 500-750 ppm.



ROOTED CUTTINGS

Selecta One varieties are available as rooted cuttings from Selecta One licensed Root & Sell Stations. Contact your favorite broker for ordering details.

U.S. Root & Sell Stations

Ball Tagawa Growers

819 Zenon Way Arroyo Grande, CA 93420 Phone (805) 481-7526 Fax (805) 431-2192

DGI Propagators

7073 40th Avenue Hudsonville, MI 49426 Phone (616) 669-0552 Fax (616) 669-2557

Dickman Farms

13 Archie Street Auburn, NY 13021 Phone (315) 253-3030 Fax (315) 253-3377

Fessler Nursery Co.

12666 Monitor McKee Road NE Woodburn, OR 97071 Phone (503) 634-2448 Fax (503) 634-2866

Green Leaf Plants

2369 Old Philadelphia Pike Lancaster, PA 17602-3441 Phone (800) 321-9573

Gulley Greenhouse, Inc.

6029 S. Shields Street Fort Collins, CO 80526 Phone (970) 223-4769 Fax (970) 226-2763

Lucas Greenhouses

1049 Whig Lane Monroeville, NJ 08343 Phone (856) 881-0234 Fax (856) 881-2502

Mast Young Plants, Inc.

6564 Peach Ridge Avenue NW Grand Rapids, MI 49544 Toll Free (800) 541-3910 Phone (616) 784-0583 Fax (616) 784-3136

Pacific Plug & Liner

750 Casserly Road Watsonville, CA 95076 Phone (831) 722-5396 Fax (831) 722-1306

Van de Wetering Greenhouses

5784 Sound Avenue Jamesport, NY 11947 Phone (631) 722-8757 Fax (631) 722-8765

Van Wingerden Greenhouses

8210 Portal Way Blaine, WA 98230 Phone (360) 366-3906 Fax (360) 366-3911

Welby Gardens

17201 W. 64th Avenue Arvada, CO 80007 Toll Free (800) 457-4725 Phone (303) 288-3398 Fax (303) 287-9316

Canada Root & Sell Stations

George Sant & Sons Greenhouses

11831 Cold Creek Road Kleinburg, ON LOJ 1CO Phone (905) 893-1592

Les Serres Frank Zyromski

1853 Chemin Laliberté Rivière-Rouge, QC JOT 1TO Phone (819) 275-5156 Fax (819) 275-7976

Qualitree Propagators Inc.

51546 Ferry Road Rosedale, BC VOX 1X2, Phone (604) 794-3375

Van Wingerden Greenhouses

8210 Portal Way Blaine, WA 98230 Phone (360) 366-3906 Fax (360) 366-3911 Servicing Western Canada

Westcan Greenhouses

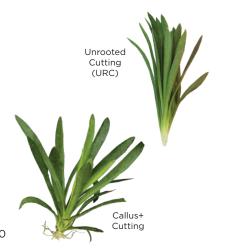
2527 210 Street Langley Twp, BC V2Z 2A9 Phone (604) 530-9298 Fax (604) 530-9966

UNROOTED CUTTINGS AND CALLUS+ CUTTINGS

Available exclusively through Ball Seed®

Dianthus Callus+ cuttings, NEW from Selecta One:

- Save money by eliminating IBA rooting hormone cost.
- · Save propagation time by at least 2 weeks.
- Reduce waste by achieving 100% rooting success.
- · Reduce risk with proven success from extensive trials across North America.



Ball Seed | ballseed.com/webtrack | Ball Seed: 800 879-2255 | Ball ColorLink®: 800 686-7380

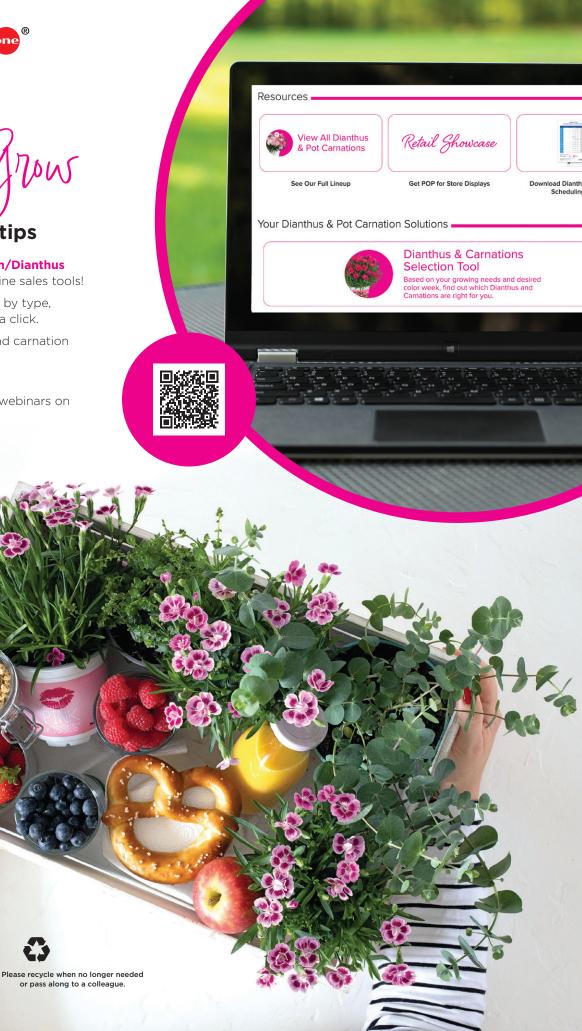
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info at your fingertips

Visit SelectaNorthAmerica.com/Dianthus

and take advantage of your online sales tools!

- Segment Dianthus varieties by type, timing or pot size with just a click.
- Download your Dianthus and carnation scheduling guide.
- Get POP for store displays.
- Watch helpful, on-demand webinars on your schedule.



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