

Ednie Flower Bulbs

presents

Ranunculus

for

Cut Flower

Production

2022-2023

Amandine Series
page 3 - 7

Butterfly Series
page 8 - 9

Clone Series
page 10

Half Clone Series
page 11

La Belle Series
page 12 - 13

Romance Series
page 14 - 15

Super Greens Series
page 16 - 17

Flower Bulb Catalog

*Happy
Growing*

Ednie Flower Bulbs

Introduction to Ranunculus asiaticus

Also called the Persian buttercup. The genus belongs to the buttercup family Ranunculaceae, which includes Aconitum, Anemones, Eranthis, Clematis and Delphinium. Ranunculus are excellent cut flowers because of their longevity, long stems and large assortment of colors. The tubers are a uniform, undifferentiated (identical) structure composed of stem tissue, specifically developed for the purpose of food storing. Ranunculus perform best in cool temperatures.

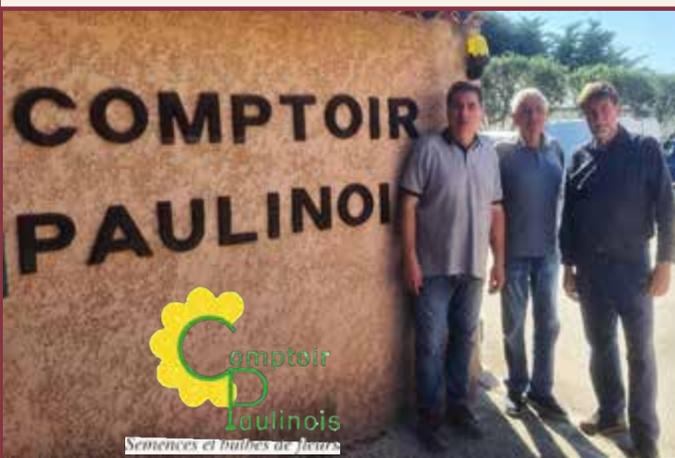


Ranunculus

Are most unique flowers!
They vary in shades like a chameleon, not only from first opening to full flower, but they can vary within the variety as well even though one color is predominant.



*The series we offer are from two countries:
France and the Netherlands.* (See each series).



We are privileged and honored to be the exclusive distributor to
North America for the

Comptoir Paulinois,
distinguished growers of all Ranunculus series with the exception of the *Butterfly* and *Romance* series.

For Certificate of Clean Growing See Page 19

The following series are available this year:

Amandine



The "Cadillac" of Ranunculus. This remarkable French series is a result of more recent breeding which produces improved tubers. They have the same characteristics as La Belle. Most Ranunculus series do best in cooler temperatures. The advantage of Amandines is that they also tolerate warmer temperatures which extends the flowering season. All the Amandine varieties have strong, tall stems with the largest flowers. Intense breeding is being done to increase the number of varieties.

Butterfly



This unique series is completely different from the other Ranunculus yet very attractive, especially as cut flowers. This series originates in Japan, is bred by AYA ENGEI Co. Ltd. and produced from 100% Tissue Culture. The difference between the flowers of the Butterfly series and others is that the petals of the flowers are single, yet each stem can have 7 to 12 flowers. The flowers are long lasting because the petals are covered with a thin layer of wax which also makes the flowers sparkle. These varieties are breeder right protected varieties and subject to royalties. EDNIE is the semi-exclusive distributor of the Butterfly series in North America.



page
2

for Cut Flower Production

Ranunculus



Ednie Flower Bulbs

The following series are available this year (continued):

Clone



These French Ranunculus are produced 100% from Tissue Culture. All the work is done in laboratories including cross breeding which is much more labor intensive than for non Tissue Culture series. Therefore these tubers are more expensive. However, they also have many benefits including new colors and better, disease-free varieties.

Gigi



This series originates in France and has the same characteristics as the Amandine series including tolerating somewhat warmer temperatures. Currently, we only carry the most popular white variety, also called Snowflake.

Half Clone



The Half Clone varieties are a combination of both reproduction methods. One parent is from Tissue Culture while the other parent is from seed production. Therefore the costs are much lower than the Clones yet they have many of the benefits of the Clone series. Current Ranunculus breeding is focusing on the Half Clone series as it will benefit future production of tuberous roots and cut flower production.

La Belle



means "beautiful" in French and indeed, these flowers are very attractive and the colors are gorgeous. This original French series blooms earlier than the Amandine series but tolerates less heat. If La Belles are planted at the same time as the Amandines they will bloom first followed by the Amandines, thus extending the total production time and season.

Romance



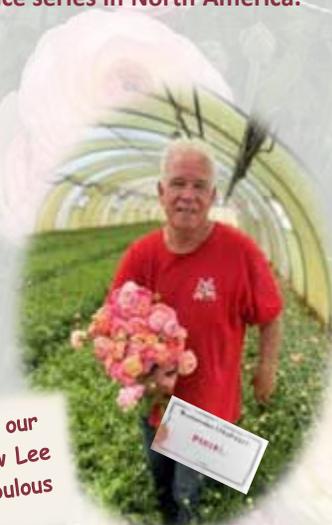
The Romance series has very large, attractive flowers with long, SOLID stems, which makes them disease-resistant. This series also originates in Japan and was bred by AYA ENGEI Co. Ltd. The varieties are all named after French and Italian cities. The flowers are long lasting. This series is also produced from 100% Tissue Culture. These varieties are breeder right protected and subject to royalties. **EDNIE is the semi-exclusive distributor of the Romance series in North America.**

Super Green



This series is a group of varieties which are 100% double flowering. They contain many of the bright and bold colors of the other series (mostly La Belles) with one unique difference; the centers of the flowers are green. These varieties, like La Belle, bloom earlier but do not tolerate heat well. For best results, grow in a cool environment.

We are very grateful to our Photographer Mr. Andrew Lee for providing us with fabulous pictures.



Ranunculus

for Cut Flower Production

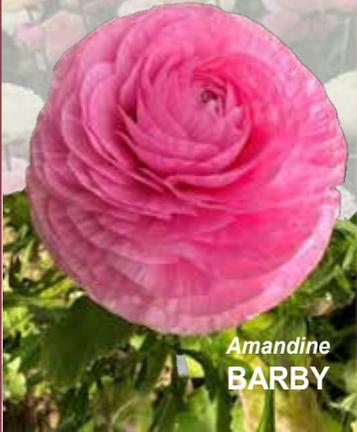




Ranunculus *Amandine* Series for Cut Flower Production

Amandine

series are known for their vigor and plant performance. Depending on the environment the plant will start flowering 8 to 10 weeks after sprouts have emerged. As shown in the picture, some support wire helps with production. This series tolerates somewhat warmer temperatures. For continued flower productions this series should be planted at the same time as the La Belle series. La Belle starts 2 to 3 weeks before the Amandine series start to bloom, but Amandine will bloom for at least another 2 weeks longer.



Amandine
BARBY



Amandine
BLACK



Amandine
BONBON

Amandine Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
BARBY	<i>Large pink flowers have creamy white centers and a black hearts. Excellent.</i>	<ul style="list-style-type: none"> • 5-10 stems/size: • 7-15 stems/size: 	3 - 5	September -
			5 - 7	April
BLACK	<i>Brownish maroon flower petals have a slight white edge. Unique, smaller flowers.</i>	<ul style="list-style-type: none"> • <i>strong stems</i> • <i>vigorous plants</i> • <i>tolerate somewhat warmer temperatures</i> 		
BONBON	<i>Pleasant darker pink flowers. Early and floriferous.</i>			
CHAMALLOW	<i>Soft peach pink flowers start lighter in color; greenish center. Flowers are large!</i>			
CREAM	<i>Outside petals are nearly white while most petals are lemon yellow surrounding a green center. Tall stems, midseason.</i>			



Amandine
CHAMALLOW



Amandine
CREAM



Ranunculus Amandine Series for Cut Flower Production

Amandine MIX

Amandine GOLD

Amandine ORANGE

Amandine Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
GOLD	Sunny, golden yellow petals, tinged orange. Large flowers, but fewer.	<ul style="list-style-type: none"> ▪ <u>strong stems</u> ▪ <u>cool nights are ideal</u> 	3 - 5 5 - 7	September - April
MIX	A mixture of varieties and colors.	<ul style="list-style-type: none"> ▪ <u>large flowers</u> ▪ <u>generally taller than La Belles</u> 	Two generations Bideau made it all happen... Thank You!	
MUSTARD	Pale mango orange flowers have dark hearts. Unique midseason variety.			
ORANGE	Vivid bright orange petals have tinge of yellow. Large flowers bloom later.			
ORANGE PICOTEE	Yellow petals have strawberry red edges. Tall stems, floriferous.			
PASTEL LEMON	Light greenish lemon petals have slight apricot edges. Unique!			
PASTEL MIX	A mixture of various baby pastel colors. Early blooming variety.			



Amandine PASTEL MIX

Amandine MUSTARD

Amandine ORANGE PICOTEE

Amandine PASTEL LEMON





Ranunculus *Amandine* Series for Cut Flower Production



Amandine
PASTEL PINK



Amandine **PINK**



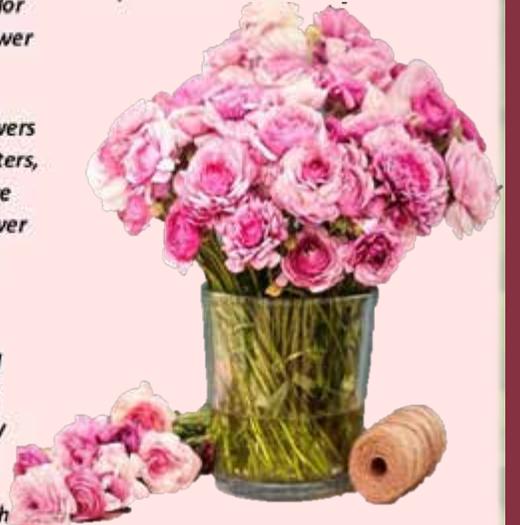
Amandine **PINK PICOTEE**



Amandine **PORCELAINE**



Amandine Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
PASTEL PINK	Shades of warm pink toned flowers, some have cream centers; dark hearts.	<ul style="list-style-type: none"> 5-10 stems/size: 7-15 stems/size: under optimum circumstances	3 - 5 5 - 7	September - April
PINK	Flowers are true pink shades with a black heart. Tall, floriferous.	<ul style="list-style-type: none"> <u>strong stems</u> tolerate somewhat warmer temperatures 		
PINK PICOTEE	Shades of whisper pink to medium pink, color may vary as the flower ages. Floriferous.			
PORCELAINE	Pure baby pink flowers have dark pink centers, edged white. Notice the back of the flower which makes this variety unique.			
PURPLE JEAN	Beetroot purple flowers turn into all shades of lavender fuchsia. Very pretty and striking. Tall.			
RED	Flower are pure, rich tomato red. Early blooming, floriferous.			
ROSE	Warm tone cherry-pink flowers, shaded light to dark, feathered darker veins. Medium height.			



Amandine
PURPLE JEAN



Amandine **RED**

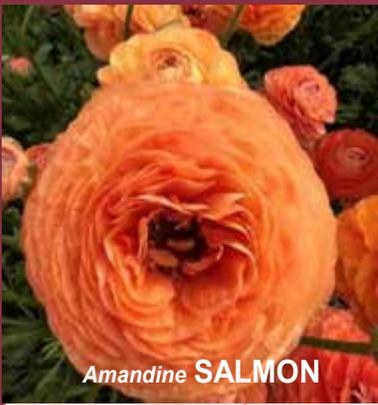


Amandine **ROSE**





Ranunculus Amandine Series for Cut Flower Production



Amandine SALMON



Amandine SCARLET



Amandine TIGER

Amandine Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
SALMON	Many shades of pastel salmon-orange flowers have dark hearts. Early blooming.	<ul style="list-style-type: none"> ▪ <i>strong stems</i> ▪ <i>cool nights are ideal</i> 	3 - 5 5 - 7	September - April
SCARLET	Most flowers are fire-engine red, turning darker towards the base. Early blooming.	<ul style="list-style-type: none"> ▪ <i>large flowers</i> 		
TIGER	As the name indicates, creamy white petals have a wide, ruffled purple edge, green center.			
VIOLET	Bright fuchsia-colored buds turn into a bright violet color as flowers open. Tall.			
WHITE	Pure snow-white flowers start off with creamy centers before turning all white. Early, floriferous.			
YELLOW	Darker yellow buds turn into buttercup yellow flowers, lighter on the outside. Tall.			
YELLOW PICOTEE	Golden yellow flowers (some orange), some petals have beet-red markings. Tall, floriferous.			



Cross breeding in progress for new Amandine varieties by our grower Mr. Bernard Bideau who started this excellent series. We owe him for his (and his family) perseverance to obtain excellent quality product.



Amandine VIOLET



Amandine YELLOW



Amandine YELLOW PICOTEE



Amandine WHITE





for Cut Flower Production

Butterfly Series

Ranunculus



Butterfly
ARIADNE



Butterfly
ARTEMIS



Butterfly
ERIS



Butterfly
EUROPE



Butterfly
GRACES



Butterfly
HADES



Butterfly
HELIOS

Butterfly

series are the most unique Ranunculus. Under optimum conditions, the branching plants produce more than 10 stems with multiple flowers per stem.

These tubers come from Tissue Culture.

Minimum order is 50 per color.

The Butterfly Series is breeder right protected



Butterfly Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
ARIADNE	Beautiful baby pink "Award-Winning" flowers have dark hearts.	<ul style="list-style-type: none"> can be grown cold, but no frost 	No. 1	September - March
ARTEMIS	Golden yellow flowers, some have a fine red edge; floriferous.	<ul style="list-style-type: none"> 9 plants per square meter 12" (30 cm.) in between tubers Ranunculus are short day plants. Make sure no lights in or around greenhouse at night. 		
ERIS	Double flowers are light salmon with coral centers. Taller stems, floriferous.	<ul style="list-style-type: none"> flowers from January on depending on location and plant date 		
EUROPE	Magenta purple petals are outlined darker purple. Darker purple buds. Strong stems.	<ul style="list-style-type: none"> plants are heavy feeders 		
GRACES	Creamy white flowers have lime colored centers with a dark hearts. Strong stems.			
HADES <small>Limited Availability</small>	Bright red, fully double flowers, up to 20 flowers per stem. Good height.			
HELIOS	Pastel lemon yellow flowers when fully open. Buds are yellow. Stems are 24" (60 cm.) tall.			

New for '22





Ranunculus Butterfly Series for Cut Flower Production



Butterfly HERA

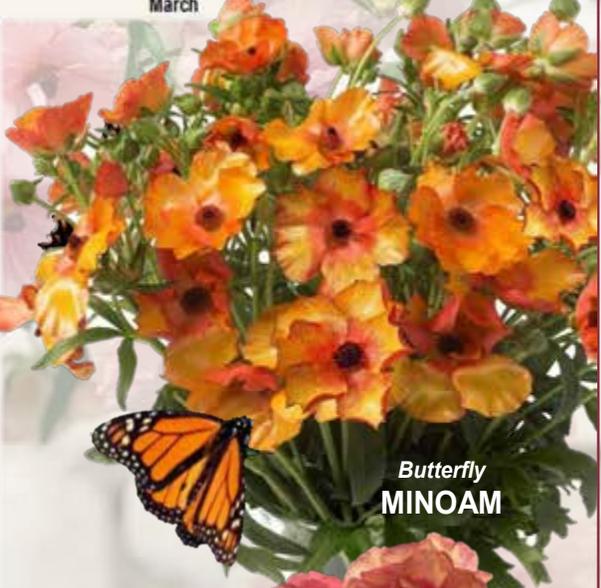


Butterfly ISIS



Butterfly LYCIA

Butterfly Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
HERA	<i>Light rose petals are edged dark rose and have fine dark rose stripes.</i>	<ul style="list-style-type: none"> Do not pinch plants, except first lengthy flower. 	No. 1	September - March
ISIS	<i>Single pink flowers have rolled darker edges and look like butterflies. Strong stems.</i>	<ul style="list-style-type: none"> 8 - 12 weeks to grow, depending on location 		
LYCIA	<i>Light pink single flowers have dark pink centers, become all dark pink.</i>	<ul style="list-style-type: none"> first flowers in 10 weeks 		
MINOAN	<i>Single flowers have shades of yellow and orange. Buds are deep orange, floriferous.</i>	<ul style="list-style-type: none"> Harvest when 2-3 flowers show color and one flower is open. 		
MUSA	<i>Fully double ruffled flowers start coral and turn into shades of salmon and coral, floriferous.</i>	<ul style="list-style-type: none"> Do not pull stems, always cut with a (sterilized) knife. 		
PHYTALOS	<i>Single flowers start lighter yellow and turn sunshine yellow, floriferous.</i>	<ul style="list-style-type: none"> place freshly cut stems immediately in cold water 38°F. (4°C.) and store in cold storage before bunching 		
THESEUS	<i>Unique, single flowers are a mix of light pink and cherry pink. Buds are cherry pink, sturdy.</i>			
THIVA	<i>Semi-double flowers start reddish purple and when open are lilac with dark centers, floriferous. Improved version of the variety Europe, taller stems.</i>			



Butterfly MINOAM



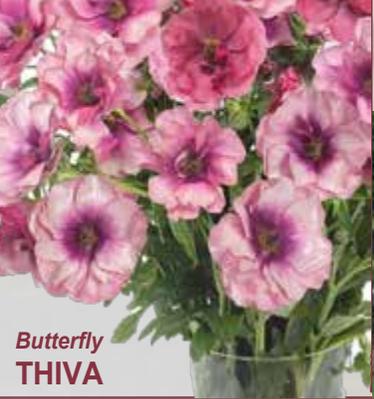
Butterfly MUSA



Butterfly PHYTALOS



Butterfly THESEUS



Butterfly THIVA





for Cut Flower Production

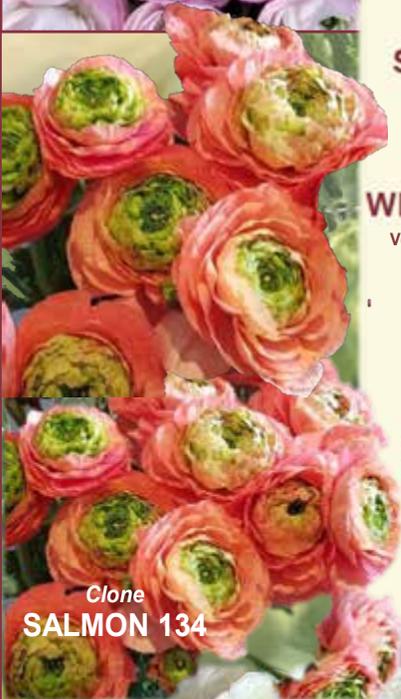
Ranunculus Clone Series



Clone
GINETTE



Clone
PINK 120



Clone
SALMON 134



Very Limited Availability

New for '22

Clone
WHITE ANGEL

Clone & Gigi Series

Both series originate in France. Clones are 100% Tissue Culture which have many benefits such as disease-free over the regular Ranunculus.

The Gigi series has the same characteristics as the Amandine series including tolerating



Clone
JEAN

Clone / Gigi Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
GINETTE	<i>Pastel pink flowers have distinct green centers.</i>	<ul style="list-style-type: none"> • 5-10 stems/size: • 7-15 stems/size: under optimum circumstances 	3 - 5 5 - 7	September - April
JEAN	<i>Lime yellow flowers; dark green centers,</i>			
PINK 120	<i>Shades of pastel pink and lighter pink, dark green centers.</i>			
SALMON 134	<i>Rich coral flowers have coral tinged green centers.</i>			
WHITE ANGEL <small>Very Limited Availability</small>	<i>Layers and layers of pure white and creamy white petals surround light green centers.</i>			
GIGI WHITE <i>'Snowflake'</i>	<i>Layers of pure white petals have a hint of cream towards green centers. This variety is also named Snowflake.</i>			



All breeding is done in laboratories



Gigi
WHITE
'Snowflake'



Half Clone Series

The future for Ranunculus fans!
Combining the benefits of the Tissue Culture and Seed production while at the same time tubers for a very reasonable price.



Half Clone **ICEBERG**

Half Clone **JULIETTE**



Half Clone **MARSHMALLOW**



Half Clone **PERGOLD**



Half Clone Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
ICEBERG	Translucent white petals are slightly creamy towards center. Outstanding!	<ul style="list-style-type: none"> 5-10 stems/size: 7-15 stems/size: under optimum circumstances	3 - 5 5 - 7	September - April
JULIETTE	Feminine medium pink symmetrical flowers when fully open; buds are very light in color.	<ul style="list-style-type: none"> largest flowers tolerate somewhat warmer temperatures 		
MARSHMALLOW	Pure light pink flowers are outlined darker. Great addition.	<ul style="list-style-type: none"> strong stems vigorous plants 		
PERGOLD	Golden yellow slightly ruffled petals surround a green heart. Best gold Ranunculus.			
TANGO	Striking flowers are shades of mango and peach petals around a greenish center. Strong stems! NEW!!			
WEDDING PASTEL	Shades of peach, creamy yellow, some darker petals surround a green heart. Very pretty!! NEW!!			

Award Winning Variety



Wedding Pastel



Ranunculus Half Clone Series for Cut Flower Production

New for '22
Limited Availability
New for '22



Half Clone **TANGO**



Half Clone **WEDDING PASTEL**





Ranunculus La Belle Series for Cut Flower Production

La Belle Series

These "Beauties" are unique for the variation in color schemes. It is one of the earliest series to bloom and does best when planted first.

La Belle
CHOCOLATE

La Belle
CHAMPAGNE

La Belle
DARK ORANGE

La Belle
GOLD

La Belle
LEMON

La Belle
MIXED

La Belle
ORANGE

La Belle Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
CHAMPAGNE	<i>Variety in colors comprise a pleasant sunset shades. Early bloomer.</i>	<ul style="list-style-type: none"> • 5-10 stems/size: • 7-15 stems/size: under optimum circumstances	3 - 5 5 - 7	September - April
CHOCOLATE	<i>Brownish red flowers when tight; turn redder when fully open. Very early flowering.</i>	<ul style="list-style-type: none"> • <u>all La Belles are floriferous</u> • grow best in cooler temperatures 		
DARK ORANGE	<i>Rich deep orange flowers bloom early, floriferous.</i>			
GOLD	<i>Mango outer petals surround lighter yellow inner petals. Midseason bloomer.</i>			
LEMON	<i>Green tinted yellow buds turn lemon yellow when fully open.</i>			
MIXED	<i>Mixture of all shades of colors of La Belle varieties.</i>			
ORANGE	<i>Cheerful true orange flowers. Early blooming.</i>			





Ranunculus La Belle Series for Cut Flower Production



La Belle PASTEL MIX



La Belle PINK

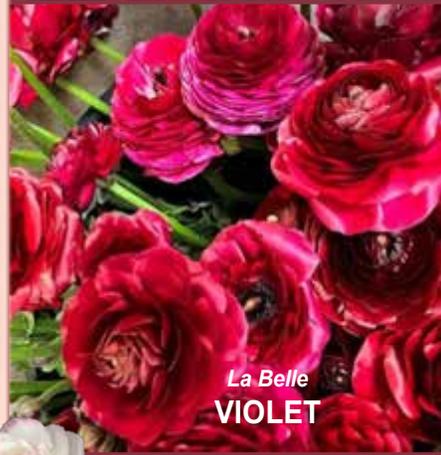


La Belle SALMON

La Belle Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
PASTEL MIX	Flowers are all shades of pink, white and cream.	<ul style="list-style-type: none"> La Belles are the earliest blooming group of Ranunculus. 	3 - 5 5 - 7	September - April
PINK	Pure pink to light pink petals have slightly darker edges. Early blooming.	<ul style="list-style-type: none"> cool nights are ideal 		
SALMON	Flowers are varying shades of light mango to light yellow, very pretty. Early flowering.			
SCARLET	Blood red flowers have slightly darker edges and folds. Early flowering.			
VIOLET	Beetroot violet flowers have darker centers. Early flowering.			
WHITE	Pure white flowers when fully open have green centers. Buds start creamy. Early.			
WHITE PICOTEE 'Capuccino'	White petals have scalloped fine dark purple edges. Also called Capuccino. Midseason.			



La Belle SCARLET



La Belle VIOLET



La Belle WHITE



La Belle WHITE PICOTEE 'Capuccino'





for Cut Flower Production

Ranunculus Romance Series



Ednie Flower Bulbs



Romance
COURCHEVEL



Romance
GRENOBLE



Romance
HYDRA



LIBROS

LOUBEYRES



Romance
LIBROS



Romance
GET LUCKY



Romance Series

is completely different from other Ranunculus. The longlasting flowers are very large and have long stems. These tubers come from Tissue Culture.

Minimum order is 50 per color. The Romance Series is breeder right protected and therefore subject to royalties.

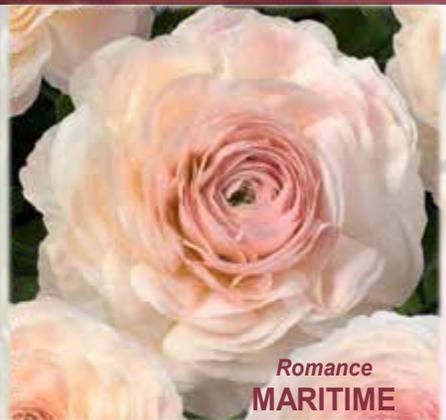
Romance Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
COURCHEVEL	Large, pure, snow-white flowers have a whisper of pink; great stem length. Buds are slightly lime green.	<ul style="list-style-type: none"> can be grown cold, but no frost 16 plants per square meter 8" (20 cm.) in between tubers Ranunculus are short day plants. 	No. 1	September - March
GET LUCKY	Large, bright to dark red fully double flowers, floriferous. Great stems.	<ul style="list-style-type: none"> Make sure no lights in or around greenhouse at night. 		
GRENOBLE	Ruffled white flowers have creamy to light green centers. Turn whiter when fully open.	<ul style="list-style-type: none"> flowers from January on depending on location and plant date 		
HYDRA	Subtle blend of creamy peach with random raspberry markings, floriferous.	<ul style="list-style-type: none"> one layer of support wire is sufficient 		
LIBROS	Large, mango yellow flowers are fragrant! Buds show greenish center, all yellow when open.	<ul style="list-style-type: none"> plants are heavy feeders 		
LOUBEYRES	Flowers are purple or white in bud stage and turn fully lilac. Petals are darker towards center. Large flowers.			



Ranunculus Romance Series for Cut Flower Production



Romance
MAILLANE



Romance
MARITIME



Romance
NIMES

Romance Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
MAILLANE	Light pink flowers turn darker when opening, dark centers; large flowers, floriferous.	<ul style="list-style-type: none"> Do not pinch plants, except first lengthy flower. 	No. 1	September - March
MARITIME	Soft peach to cream flowers have striking, light pink centers. Very large flowers, strong stems.	<ul style="list-style-type: none"> 8 - 12 weeks to grow, depending on location 		
NIMES	Salmon flowers have orange and pink or salmon pink centers, very striking.	<ul style="list-style-type: none"> first flowers in 10 weeks Harvest when 2-3 flowers show color and one flower is open. 		
NOHANT	Flowers are light salmon on the outside and have darker salmon centers and black hearts.	<ul style="list-style-type: none"> Do not pull stems, always cut with a (sterilized) knife. 		
POODLE RAMLIA	Fringed pink poodle looking flowers are somewhat smaller; very strong, long stems. New type.	<ul style="list-style-type: none"> Place freshly cut stems immediately in cold water 38°F. (4°C) and store in cold storage before bunching. 		
QUIMPER	Flowers are creamy yellow on the outside and have lemon yellow centers and green hearts.			
SALERNO	Peach and salmon flowers look like Italian ice; blooms are a little smaller than the others. Strong stems.			



Romance
NOHANT



Romance
POODLE RAMLIA



Romance
QUIMPER



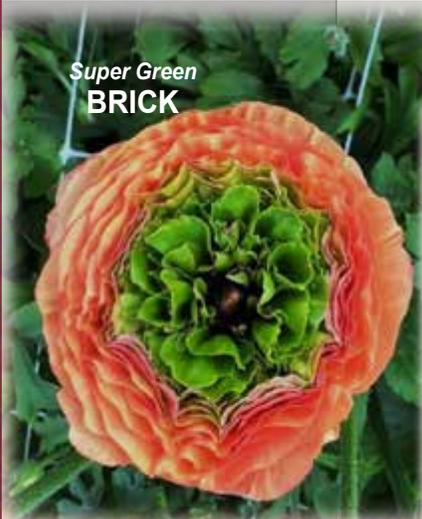
Romance
SALERNO





Ednie Flower Bulbs for Cut Flower Production

Super Green
BRICK



Super Green Series

The uniqueness of this series is the center of the flowers.

This series is similar to the La Belle series, they bloom earlier and prefer a cooler environment.



Super Green
CREAM

Super Green Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
BRICK	<i>Darker orange outer petals surround orangy red inner petals; parsley-like green centers.</i>	<ul style="list-style-type: none"> • 5-10 stems/size: • 7-15 stems/size: under optimum circumstances • <u>strong stems</u> 	3 - 5 5 - 7	September - April
CREAM	<i>Pale butter-cream petals surround large green centers.</i>	<ul style="list-style-type: none"> • <u>vigorous plants</u> • <u>tolerates somewhat warmer temperatures</u> 		
MIX	<i>Mixture of all available colors with same green, some smaller and some larger, centers. Even some totally green flowers. Very unique!!</i>			
ORANGE	<i>Translucent orange petals surround the large green centers. Early variety.</i>			

Super Green
ORANGE



ORANGE

Translucent orange petals surround the large green centers. Early variety.



Super Green
MIX



Ranunculus Super Green Series for Cut Flower Production



Super Green
RED



Super Green
ROSE

Super Green Series	Color Description	Plant Characteristics	Bulb Size in cm	Suggested Plant Months
--------------------	-------------------	-----------------------	-----------------	------------------------

RED Deep tomato red petals are contrasted with green which morph to pink centers. Blooms early.

- strong stems
- cool nights are ideal

September - April

ROSE Shades of hot pink to bright pink petals surround green, lettuce-like centers. Mid-season flowering.

SALMON Shades of salmon pink flowers have ruffled edges surrounding neat green centers. Blooms later.

WHITE Pure white petals surround large, dark green centers which rise above the petals.

YELLOW Lemon yellow petals surround large neat green centers. Later bloomer.



Super Green
SALMON



Super Green
WHITE

Super Green
YELLOW





Growing Tips for **Ranunculus asiaticus** to ensure Optimum Production

A Good Start is Half the Battle...

Upon Arrival of the Tubers

If tubers will not be planted immediately upon arrival, please store them at 65-70°F. (18-21°C.) in a well-ventilated area. Keep the tubers dry; watch the humidity.

Pre-Soak & Pre-Sprout Ranunculus

Soaking the tubers and storing them at cold temperatures for several weeks to pre-sprout the tuber prior to planting in the beds or crates is frequently done.

HOWEVER... If soil temperature is below

60°F. (15°C.)... the following can be done:

- Soaking tubers for 10-12 hours just prior to planting in "Moving water" adds oxygen to the water by continued dripping water so container overflows.
- When this is finished, take the bag with tubers out of the water and let the tubers drip-dry. Soak the tubers in a solution with **RootShield® PLUS+ WP** or similar for a half hour before planting as a natural preventative.

The reason for this simpler method is that not all bulbous roots like being transplanted. This simpler process will prevent root diseases, especially with the help of the natural preventative.

The preventative (**RootShield® PLUS+ WP** or similar) can also be applied as an initial drench after planting but is not as effective as the tuber dip. Repeat the drench at half strength once plants are well established.

Planting - Soil

Ranunculus can be planted in raised beds or crates, in greenhouses, tunnels, shade houses or outside, depending on the climate zone. Make sure the tubers are covered with 1" of soil. Optimum results can be obtained if the night temperatures are cold (40-50°F. or 5-10°C.) while day temperatures should not exceed 60-65°F. (15-18°C.) initially. A light frost does not hurt the plants. Once the plants are established, day temperatures may be warmer.

Soil should be moist and well-drained (sterilized) as roots do not like to be wet. Ideal pH is 5.8 to 6.0. Covering the soil with straw or white cloth (or similar) will keep the bulbs cool(er) which is especially important for the warmer locations.

Spacing the tubers depends on the watering method. Rows are preferred if drip tape is used (See watering). Plant 4 tubers (size 5-7 cm.) per square foot (or 12 tubers) per square meter. (6" or 15 cm. apart).

Support Wire

For optimum results and even light distribution, support wire is recommended. Tall, straight stems are obtained when wire is used.

Watering

If drip tape is used (for even watering) remember that initially the beds should be watered well (overhead or by hand) to ensure that the entire bed is watered up to 12" (30 cm.) deep. Often Ranunculus do not get enough water, although over-watering is not recommended either.

Fertilizer

Although Ranunculus are heavy feeders, wait until the plants are established. An E.C. of 2.2 to 2.3 (NPK) is recommended. The type of fertilizer depends on the growing temperatures.

Temperatures

As indicated earlier, Ranunculus do best with in cooler environments: cool nights and somewhat warmer days. When the temperatures rise above 75°F. (24°C.) productivity will go down.

Harvesting

Cut flowers early in the morning (coolest part of the day) with a sterilized knife. Do not pull or twist the stems. Place the flowers in buckets of pre-chilled water and store them cold as soon as possible at 34-35°F. (1-2°C.), even before bunching. Add Calcium Nitrate to the water as the best water preservative at the rate of 1/4 oz. per gallon of water (2 g. per liter).

Cut the flowers as soon as the buds start swelling and show color. The sepals covering the buds should be separated at the top.



Ranunculus Questions?

Our Support Team, together with a
a Ball Representative, is
willing and able to help you with

- Cultural Questions
- Variety Selection
- Scheduling programs

Please contact Ball Seed. For information see next page.



We are pleased to inform you that our French grown Ranunculus are certified "healthy", free from pesticides and chemicals. All tubers exported to North America are washed in clear water only.



Enjoyed this Catalog? More following soon...

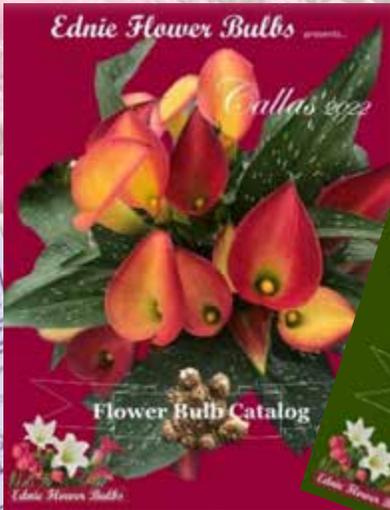
Still Under Construction

For more indepth information, see our Growing Instructions for Anemones and

Growing Instructions for Anemones & Ranunculus

Happy Growing

Other "22" Ednie Catalogs which are available for Cut Flower Growers...



Please contact Ball Seed for either digital or hard copies.

Ranunculus for Cut Flower Production

Ednie Flower Bulbs presents

TULIPS
for Cut Flower Production

Forcing Cut Tulips is explained in simple language. Get your digital or hard copy via Ball Seed...

Growing Programs

To order products from our Catalog, Please contact your Ball Seed Sales Representative. You can also visit www.BallSeed.com.



Order at www.BallSeed.com/WebTrack or Call Ball Seed: (800) 879-BALL Fax: (800) 234-0370 Call Ball Color Link: (800) 686-7380



Ednie Flower Bulbs

presents

Flower Bulb Catalog

To order products from this
Catalog, please contact your
Ball Seed Sales
Representative.

Ball Seed®

Ednie Flower Bulbs