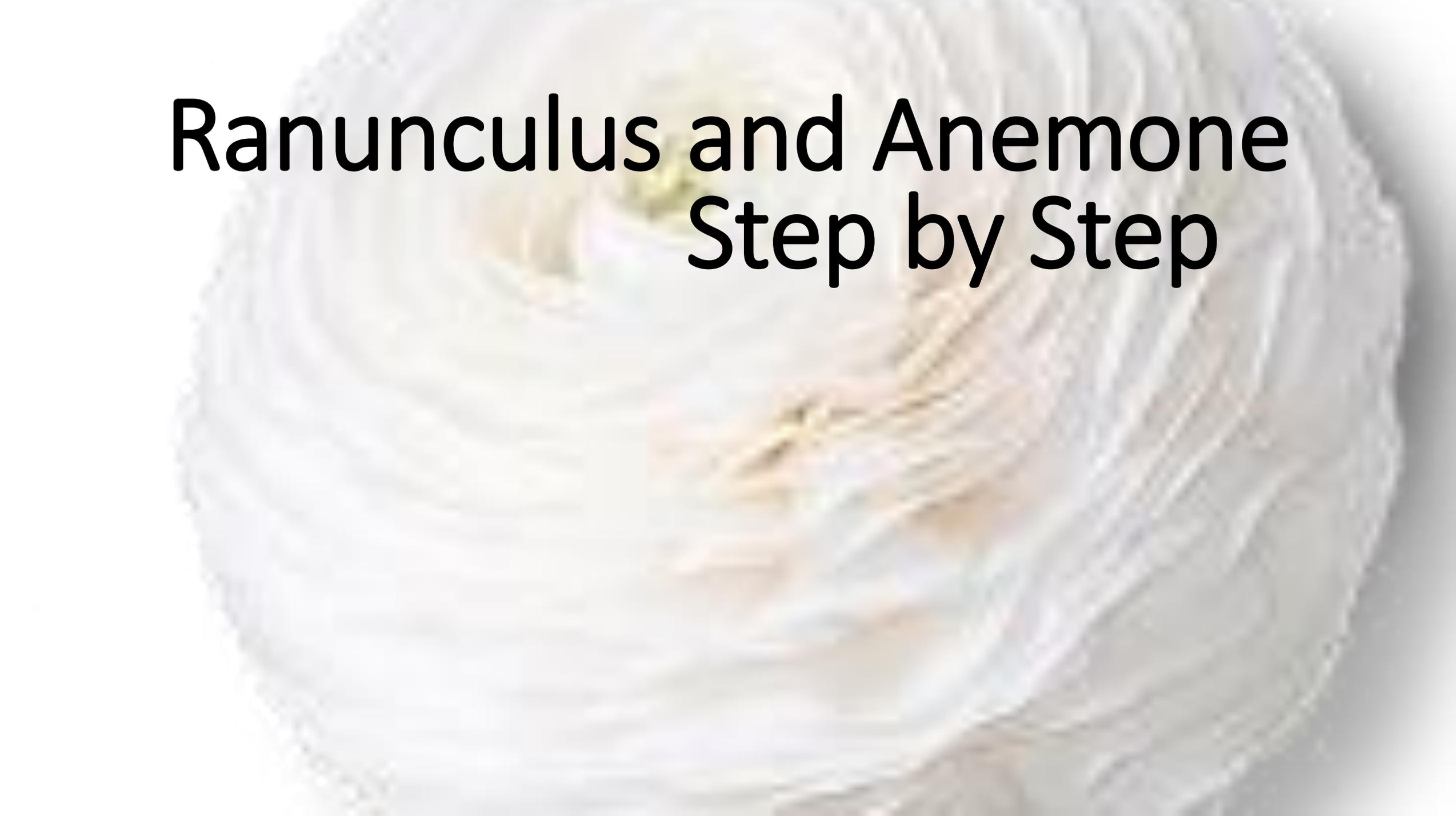


# Ranunculus and Anemone Step by Step



# Ranunculus and Anemone



There are two types of ranunculus. The most common type of ranunculus is the seed propagated ranunculus.

The seed propagated ranunculus bulbs are grown in Israel, France and Italy.

Seed is sown in late summer and bulbs are harvested in April and May. This has always been the common way of bulb production.



Recently, newly introduced varieties are propagated in a laboratory by cloning the plants.

This type of ranunculus is best known as cloni ( or Clooney ) ranunculus.

These young in-vitro plants are later planted in a greenhouse, only for the production of bulbs.



What makes the cloni ranunculus so unique is the homogenous growth. Each plant is identical and free of viruses and diseases.

Flowers are large and colors are identical in each bunch, which is much appreciated by the European wholesales.

Within the clonis, there are two groups; the Success and the Pon Pon which is unique because of its ruffled flowers.





ELEGANCE® GIALLO 83/100  
GIALLO-YELLOW  
Cal: 5/7 Pz: 250

Best way to activate the bulb is to soak them in slowly running water. This pre-germination stage should take place as follows:

Soak the bulbs in water for a minimum of 8 hours. To maintain levels of oxygen, slow running water is recommended or change water during process. Water temperature should not be warmer than 55F. After this initial soak, soak for an additional 2 to 15 minutes in a preventative fungicide.



Once soak is completed the bulbs should be stored in a perforated plastic bags or in vermiculite.

Bulbs need to remain moist, but **never** wet. Store the bulbs for about 2 weeks in a 55F (12c) and humid room.

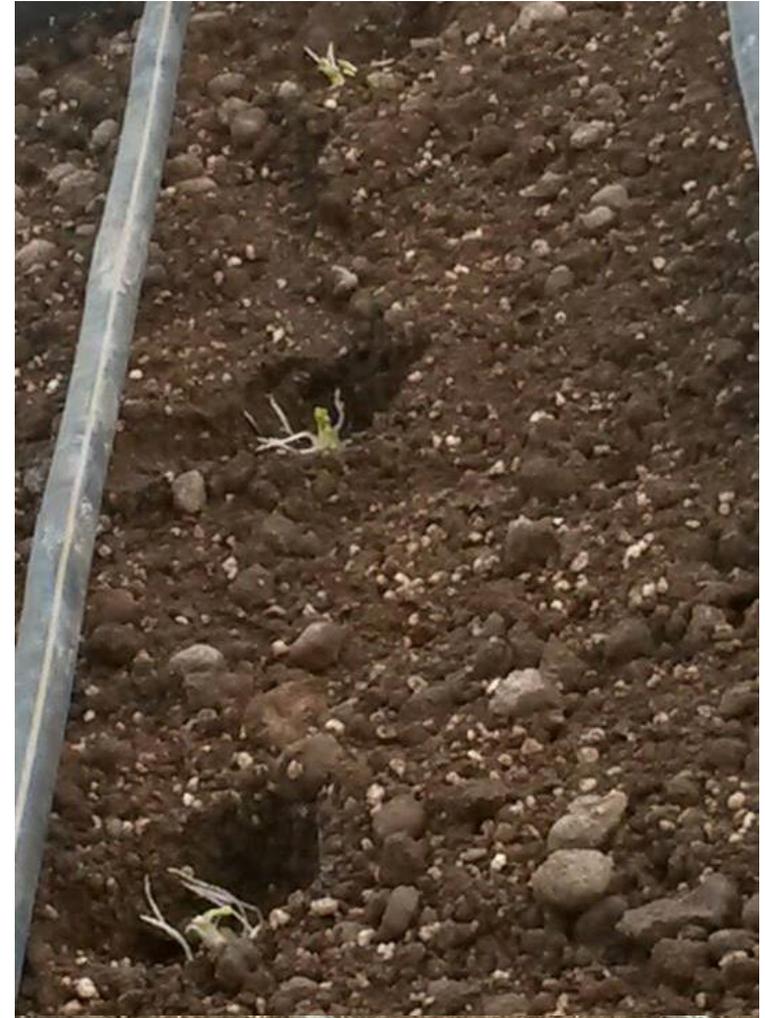


For early forcing (treatment started late summer) bulbs may be stored an additional 2 weeks in a 49 (9c) cold room. Make sure to flip over the bags so that all sprouts have faced upwards. A down facing ranunculus will simply die.



After the pre-rooting phase, sprouts can now be planted in the greenhouse, tunnel or field for flower production.

However, as a season extender, sprouts also can be planted in bulb crates, pots or cells for pre-sprouting.



When nights remain to stay cold and soil can be kept below 55f (12c) bulbs can be planted.

Or (when sprouts have been grown in pots, crates, or plugs) a young plant can be planted when soil will remain cool. This will give you a hard start of at least a month.



Design/Photo/Source/Thanks to: Onings Holland Inc.

Ranunculus and Anemone can be grown in greenhouses, tunnels, under shade and outside. This mainly depending the climate and season.

Light intensity and good airflow is very important; >2500 foot candles light intensity. Additional shade is recommended during the first 4 weeks after planting to keep soil cool till foliage creates it's own canopy.



Plant bulbs in raised beds in a well drained soil. For pot or box cultivation; use a very well drained, sterilized low soluble salt, pH 6 to 6.5 growing medium. High calcium.

Temperature: 40-50F night, 60F day is ideal (ranunculus can handle light frost or warmer days as long as root system remains at 40-50F).

Provide additional ventilation if needed to control temperature and humidity.



Bulbs can be planted directly in the or in cells and transplanted later. Plant Ranunculus with it's 'fingers' down.

Spacing of size 3-4cm bulbs is about 6-8" apart, larger sizes should be planted 8-10" apart in two rows. Plant about 1" deep in well drained soil (raised beds).

Fertilize weekly 200ppm 15-16-17 or slow release 14-14-14 and additional iron and calcium. Drip irrigation only.



Ranunculus like cold temperatures but with enough sunlight. When grown under dark circumstances (short days or in dark greenhouse), the stem may stretch too much causing the stem to be thin.

Ranunculus respond well on PGRs and may be given to regulate height.

Provide additional calcium to avoid splitting and bedinging. High calcium will also straighten the stem



A ranunculus flower closes at night. Best stage to pick the flowers is after the 3<sup>rd</sup> day opening.

Pick early morning when flower is still closed and store in cooler with little, clean water. Preferable with flower food.



The Anemone can be grown right along with ranunculus. The Anemone typically blooms a few weeks before ranunculus and have a longer flush.

Make sure to plant them with the point down.





*Cloni Success Fragolino*

Design/Photo/Source/Thanks to: [www.italianRanunculus.com](http://www.italianRanunculus.com)



**ITALIAN**  
**RANUNCULUS**

LOC. CROWN IN ITALY