



All You Need to Know About

Spring  *Corn*

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Biology

Ranunculus, Anemones

- **Buttercup family**
 - Anemone
 - Ranunculus
- Biologically a corm but will see called a tuber in some literature.
- Cool loving plant.
- Will bloom at any photo period but over 8 hours is ideal for most and best blooms.



Growing

Environment

- **Temperature**

- Perform poorly at temps above 60F for more than a couple days.
- Ideal night temps 45-50F.
- Keep soil temp above 28F
- Corms will go dormant when Soil temps reach 70F. Can use shade cloth to help.

- **Late fall & early winter plantings will be most productive.**

- Also can plant early spring for more high quality cuts later into season.
- Anemones prefer a nice cool start so don't plant later than January.





Growing Location

- pH of 5.5-6.0
- **Well draining soil is non-negotiable**
 - Can use raised/mounded beds to help.
- **Spacing**
 - Ranunculus 4-6"
 - Anemones 3-6"
 - Butterfly Ranunculus 9-12"
- **Plastic protection over planting is ideal.**
 - Rain damages petals and can cause corms to rot.
 - Winter wind can be damaging.
 - Later plantings, row cover rather than plastic.



Growing

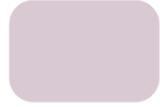
Corm Preparation

- **Soak dry corms in water for 2-12hrs**
 - Aeration is helpful
- **Put in media**
 - vermiculite or potting mix
- **Incubate for 2-4 weeks**
 - 50 - 62F
 - Anemones tend to take longer
- **Plant rooted corms**



Fertilizing

- Soil test
- Nutrients at planting and again at first bloom.
 - You can also do every two weeks if using fast release fert.
- Anemones
 - Horizontal split - Phosphorus
 - Vertical split - Calcium
- Be wary of over fertilizing. Leads to insect pressure and smaller blooms.



Growing

Disease & Insects

- Biggest Problems
 - Crown Rot - *Botrytis*
 - Southern Blight - *Sclerotinia*
 - Water Molds - *Pythium*, *Phytophthora*
 - Aphids
 - Spider - Mites in tunnels





Varieties

Flower

- Many options and new every year,
- Ranunculus
 - 'Telecote' - produces doubles and singles. Slightly smaller head.
 - 'La Bella' - fully double and productive
 - Italian series - Large, fully doubled, \$\$\$
- Marketing difference
 - FM and CSA ok with quantity over "quality"
 - wholesale generally want larger blooms
- Anemone - many options, look for big corms 4/5
 - St. Brigid
 - Mona Lisa
 - Carmel
 - Jerusalem
 - Italian



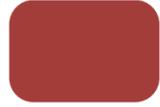


Yields

Diversity

- Cultivar dependent
- Ranunculus
 - 4-6 stems/corm
 - Some cultivars up to 10 (La Belle)
- Anemones
 - 7-10 stems/corm





Harvest

- Think of your market
- Ranunculus - Make deep cuts and don't be scared to remove other buds with your cut.
 - Brick and Mortar - petals are showing color but tight
 - Direct to Consumer - a few outer petals are loose
 - Events - Many loose outer petals, tight inside
- Anemone - cut right at soil level, no stubs!
 - When buds are facing upright and before greenery "collar" separates from bud.
- Butterfly Ranunculus
 - Middle bud is open and side buds are showing color.



Farmers Market & CSA



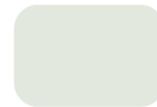
Brick and Mortar

Events



Too open to sell





Post Harvest

- Store in water with flower preservative at 34-36F.
- Anemones will bend in the water so pack them in tight or rubberband them.
- If holding ranunculus for a while, make sure to change the water and strip off foliage.



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