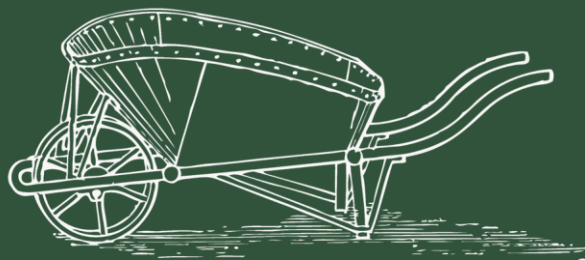




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GROWING IN SMALL SPACES

08/06/2023



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**Grow where
you are**





Grow for Productivity

- Small gardens grow more food
- The beds are always kept full
- We have a long growing season ~290 days where we live – 3 seasons take advantage of it
- Intensive gardening
- living in the city with limited space - in order to feed ourselves we need to pay attention to the plant cycle





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Succession planting



IT'S ABOUT TIMING

- **Succession planting is the effective use of space and timing to bump up productivity in the garden**
- Planting crops in succession choosing the right crop to follow depending on the season
- Same crop over timed intervals rather than all at once –smaller more manageable yields over time
- Same crop different maturity dates



Onions intercropped by lettuce



Succession Planting: Continual planting

- Keeping something continually planted in the soil
- When one crop is done you immediately follow it with another crop.
- Understand harvest dates and have a list of other plants you want to grow





Succession Planting: Relay Planting

- One crop is planted 2-3 weeks apart in staggered plantings
- A way to do this is when you transplant the first crop in, seed a second planting.
- Requires the right timing. Planting a second or third planting so there is continuous supply.





Succession Planting Non-Competing

- Two or more non-competing plants are grown in the same space
- Planting a fast growing plant next to a slow growing plant.
- Also takes into consideration height, root depth, maturity date, spread
- Requires the understanding plant characteristics





Slow growing

- Carrots, tomatoes, corn, Onions
- Potatoes, sweet potatoes, winter squash
- Melon, broccoli, brussels sprouts

Fast Growing

- Radish, spinach, chard, lettuce,
- Arugula, greenbean, beet, kohlrabi
- Baby Bok choy, kale, tatsoi





Succession Planting: Different Maturity dates

- Same crop different maturity dates
- Breeders have bread crops with different maturity dates so that many regions can grow regardless of how long or short their season is.
- Requires the understanding of how each vegetable grows and what their maturity date is.





Different Maturity dates

List of a few plants that have several maturity dates thru the season

- beans (pole), broccoli, Brussels sprouts, cabbage, carrots, cauliflower, celeriac/celery, collards, corn, eggplant, kale, melon, peas, potatoes, summer squash, and tomatoes.





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Miniature plants



Mini Me

- Choose varieties of vegetables bred for patio/ container growing
- Renee's Garden – container variety sampler
- There are new mini varieties being bred annually.
- The cons is that some varieties are so small, they won't produce enough.





Regular



Waltham Butternut Squash

Grows in summer

Full sun

4 – 5 fruit per vine

8 – 12" long fruit

8' vines



Patio size



Honeynut Winter Squash

Grows in Summer

Full sun

Not noted # of fruit

4 – 5" long fruit

24 – 36" vine





Mini's



Mini Romaine lettuce



Piccolino cucumber



Mini Cauliflower



MGCC

Trellising





Going up

- Trellis your vines
- Trellising allows you to plant veggies at the base of the vine.
- Anything can be used for a trellis
- Make sure your trellis is tall enough and sturdy enough to support the vine





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Companion Planting



Let's be Friends

- Important for small gardens
- When intensively planting make sure the neighbors get along!
- Planting flowers and herbs attract good insects and pollinators
- Plus, flowers in a garden are just beautiful





Thank you for your attention!