

Vegetable Gardening in ground Alternatives



TEXAS A&M
AGRILIFE
EXTENSION

Bastrop County Master Gardeners



**VEGETABLE
SPECIALIST**

Gail Smith

Raised Bed Garden



Raised bed gardens can solve many problems

Correct soil that contains too much sand, clay, is too alkaline, or is poorly aerated or drained.

Soil can be amended to provide better growing conditions.

Height makes garden more accessible and easier to maintain.

Soil in raised beds warm and drains faster in the Spring

Soil in raised bed is less apt to be invaded by weeds and tree roots.





BUILD A GARDEN BED

Materials used

Tin roofing

2 x 6 lumber

2 x4 scraps

Recycled redwood fence pickets



Recycled Raised Beds





NEW RAISED BED OPTIONS

Lowe's



Tractor Supply

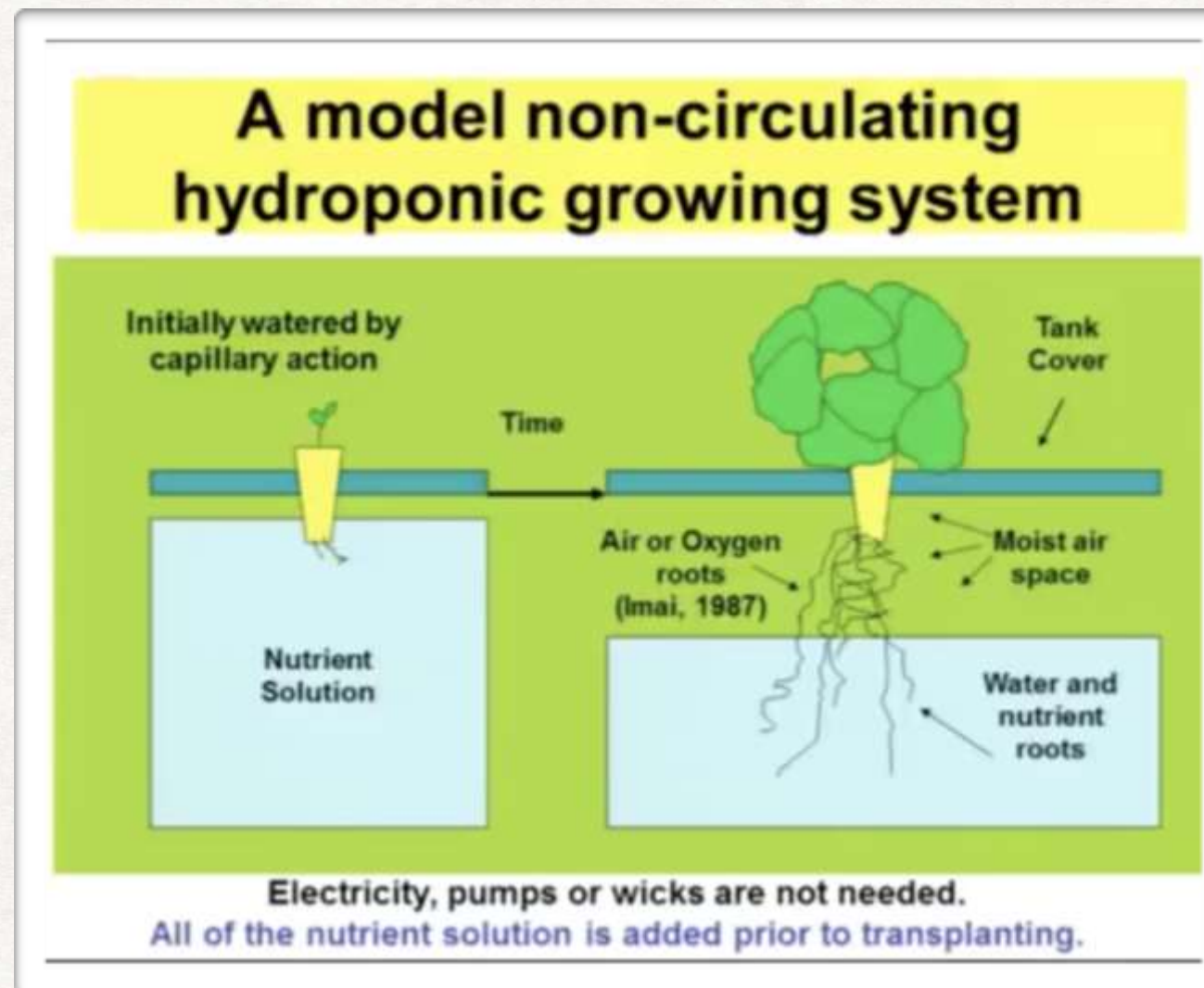
My Hydroponic Experiment

The Kratky Method

Supplies



Hydroponic Nutrients
3 in net pots
Water
Seedlings
Gram Scale
Led plant light
Peat pots
Gravel, perlite, pellets



Mix nutrients with rain water at the rate of 2 grams Vegetable Formula, 2 grams Calcium Nitrate 1 gram Epsom Salt to 1 gallon of water.

https://www.amazon.com/AQSXO-Plastic-Containers-Hydroponics-Aquaponics/dp/B09189394F/ref=sr_1_26?dchild=1&keywords=net+pots&qid=1634603405&sr=8-26

https://www.amazon.com/MASTERBLEND-4-18-38-Complete-Combo-Fertilizer/dp/B072F2BL9D/ref=sr_1_2?crid=3I4SUJZ5WBKZZ&dchild=1&keywords=master+blend+fertilizer+4-18-38

https://www.amazon.com/0-001Ounce-Weighting-MEIYA-Multifunction-Including/dp/B095WGHK72/ref=sr_1_3?crid=10FQGBL31IY8D&dchild=1&keywords=gram+scale&nav_sdd=aps&qid=1634603405&sr=8-26

Summer Vegetables

Beans
Cantaloupe
Corn
Cucumber
Eggplant
Okra
Southern Peas
Peppers
Sweet Potatoes
Pumpkins
Squash
Tomatoes*
Watermelons

*Big slicers can't set fruit if temps are too hot (consistently above 72 at night or 92 during the day) cherry varieties don't seem to have that problem

Plan a Fall Garden



Vegetable Garden Planting Guide



Daphne Richards, County Extension Agent - Horticulture
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Plant seed unless otherwise noted

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Artichoke (crowns/transplants)	-----crowns-----								---transplants---			
Asian greens (seeds or transplants)												
Asparagus (crowns)												
Beans, snap and lima												
Beets												
Broccoli (transplants)												
Brussels sprouts (transplants)												
Cabbage (transplants)												
Cantaloupe (muskmelon)												
Carrots												
Cauliflower (transplants)												
Chard, Swiss (seeds or transplants)												
Collards (seeds or transplants)												
Corn												
Cucumber												
Eggplant (transplants)												
Fava beans												
Garlic												
Greens, cool season												
Greens, warm season												
Kale (seeds or transplants)												
Kohlrabi (seeds or transplants)												
Leeks (seeds/transplants)												
Lettuce (seeds or transplants)												
Mustard (seeds or transplants)												
Okra												
Onion, bulbing (transplants)												
Onion, bunching/multiplying												
Peas, English, snap and snow												
Peas, Southern												
Pepper (transplants)												
Potato, Irish												
Potato, sweet (slips)												
Pumpkin												
Radish												
Shallots												
Spinach (seeds or transplants)												
Squash, summer												
Squash, winter												
Tomatoes (transplants)												
Turnip												
Watermelon												

Average last freeze Mar 4

---seed---

Average first freeze Nov 27

Plants grown in winter will benefit from protection during freezing weather
Plants grown in late summer will benefit from shade cover during establishment

Compiled by Patty G Leander, Master Gardener Vegetable Specialist
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Know where to get the information

<http://aggiehorticulture.tamu>

www.agrilifeextension.tamu.edu

www.plantanswers.com

www.vegetableipm.tamu.edu

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