



Edible Landscaping

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Gardens on the Go

Horticultural Training and Services

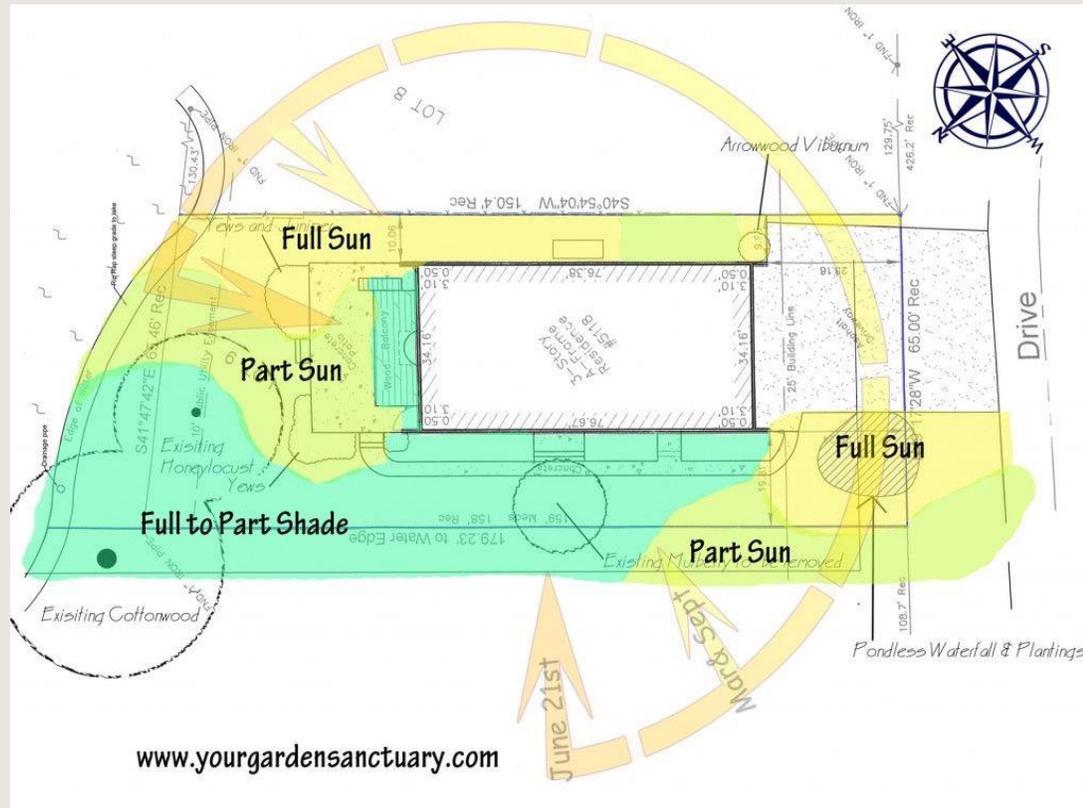


Building an Edible Landscape

- Even if you have a small area or balcony, you can grow some food for yourself.
- With the price of food continuing to rise, and covid numbers unpredictable you will be happy to have a supply of food right in your own backyard.



Assess Your Site



Just like with any landscape, to be successful you need to assess your site for sun, shade, and soil to see what will grow best in what location.

Determining the Amount of Sunlight



- To determine the amount of sunlight, look at a specific area of your yard at one- to two- hour intervals, starting with when the sun has risen fully until dusk.
- Sketch out your yard on a sheet of paper and number each section.
- Write down the sunlight levels for each of these sections at the timed intervals.
- Numbering the sections will allow you to properly keep track of the sunlight levels in each section so you can better plan your yard.

Partial Shade or Partial Sun



While partial shade and partial sun are often used interchangeably, they aren't the same thing.



Partial shade refers to a sunny area that gets some shade, typically an area that gets morning shade and four to six hours of hot afternoon sun.



Partial sun, on the other hand, refers to a shady location that gets a few hours of morning sun and four to six hours of shade.

Full sun vegetables need a minimum of six hours (usually at least eight) of sunlight per day.

6-8 hours

- Tomatoes
- Peppers
- Cucumbers
- Beans
- Squash
- Melons

4-6 hours

- Broccoli
- Carrots
- Turnips
- Beets
- Potatoes
- Radishes

Some Herbs can do okay in Part Shade



- Basil, chives, cilantro (expect leggier cilantro) dill, garlic, chives, mint, lovage, oregano, lemon balm and parsley will all do well with partial shade.
- The flavour of these herbs may not be quite as strong as ones grown in sun, but they can still provide delicious additions to your meals.

Plants That Don't Require Much Light

3 - 4 of hours of direct light

- Kale
- Lettuce
- Spinach
- Arugula
- Mustard
- Parsley
- Scallions
- Mizuna
- Micro Greens
- Cabbage

Vegetables that will Grow with Only Two Hours of Light a Day

- **Asian greens**
- **Bok choy**
- **Pak choy**
- **Komatsuna**
- **Tatsoi**
- **Mesclun Mix**

Asian Greens



What to Grow

Shade – 3-6 hours of sun

- Lettuce
- Parsley
- Basil
- Chinese Cabbage – Pak Choi, Bok Choi, Tat Soi,
- Chard
- Arugula
- Kale

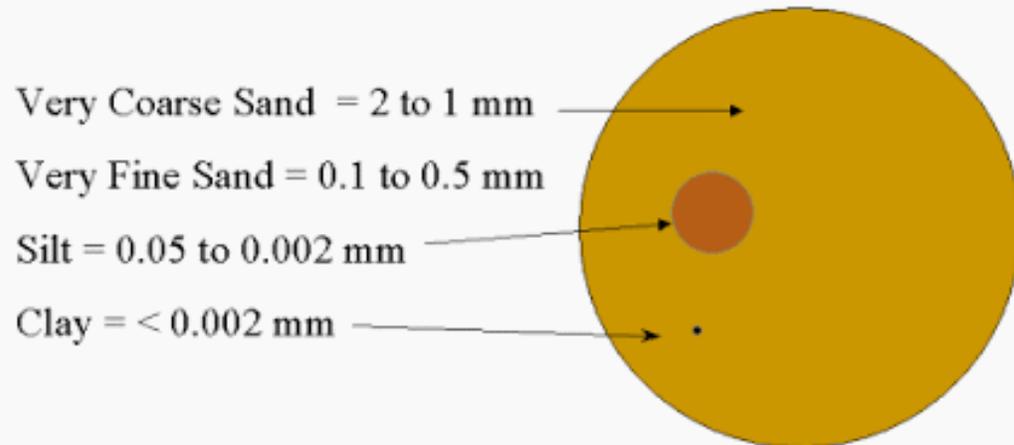
Sun – 6 hours of sun or more

- Beans
- Tomatoes
- Cucumbers
- Carrots
- Green Onion
- Radish
- Beets

Soil Texture

Soil Properties: Texture

Soil Texture: The relative proportions of sand, silt, and clay particles in a mass of soil (material less than 2mm in size).



- Soil Texture is defined as the percentages of sand, silt, and clay in a soil.
- You cannot change your inherent soil texture, but you can amend your soil to compensate for the problems that exist with certain soil textures.

Why is Texture Important?



- Potential Fertility
- Potential Drainage
- Potential Air and Water Holding Capacity
- All soils can be amended and improved but when starting out it is good to know the limitations of your soil.

JAR TESTING FOR SOIL TYPE

SAND



0 - 10% clay
0 - 10% silt
80 - 100% sand

LOAM



10 - 30% clay
30 - 50% silt
25 - 50% sand

CLAY



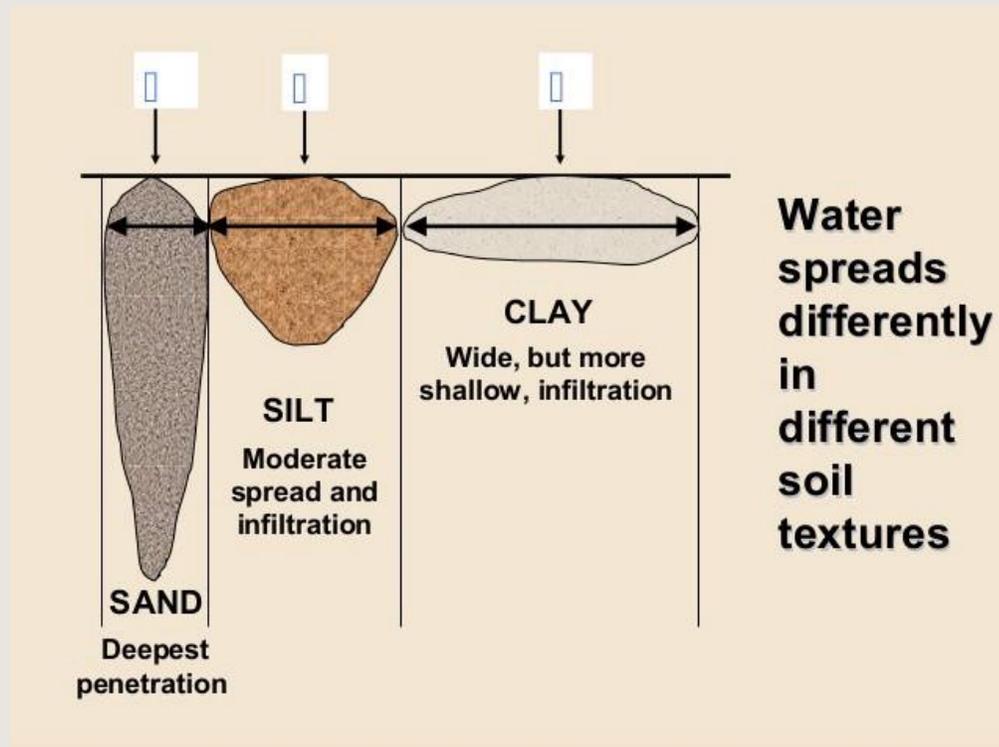
50 - 100% clay
0 - 45% silt
0 - 45% sand

Soil Texture

- Clay soil do not drain well but hold moisture a lot longer and hold onto nutrients.
- Sandy soils drain well but don't hold water or nutrients.
- The holy grail of soil texture are those that are "loamy" - soils with even amounts of sand, silt and clay.



Soil Texture and Water



- If your soil is very sandy you will have to water more often.
- If you soil has a higher clay content it will mean you will have to apply a little water, stop, let it soak in, then apply more water. Especially if that clay has dried out.
- You may also have to use a different water application method.

How to Improve Clay Soil

from  the spruce

1

Remove any plants you want to save

2

Spread 6-8 inches organic matter on soil

3

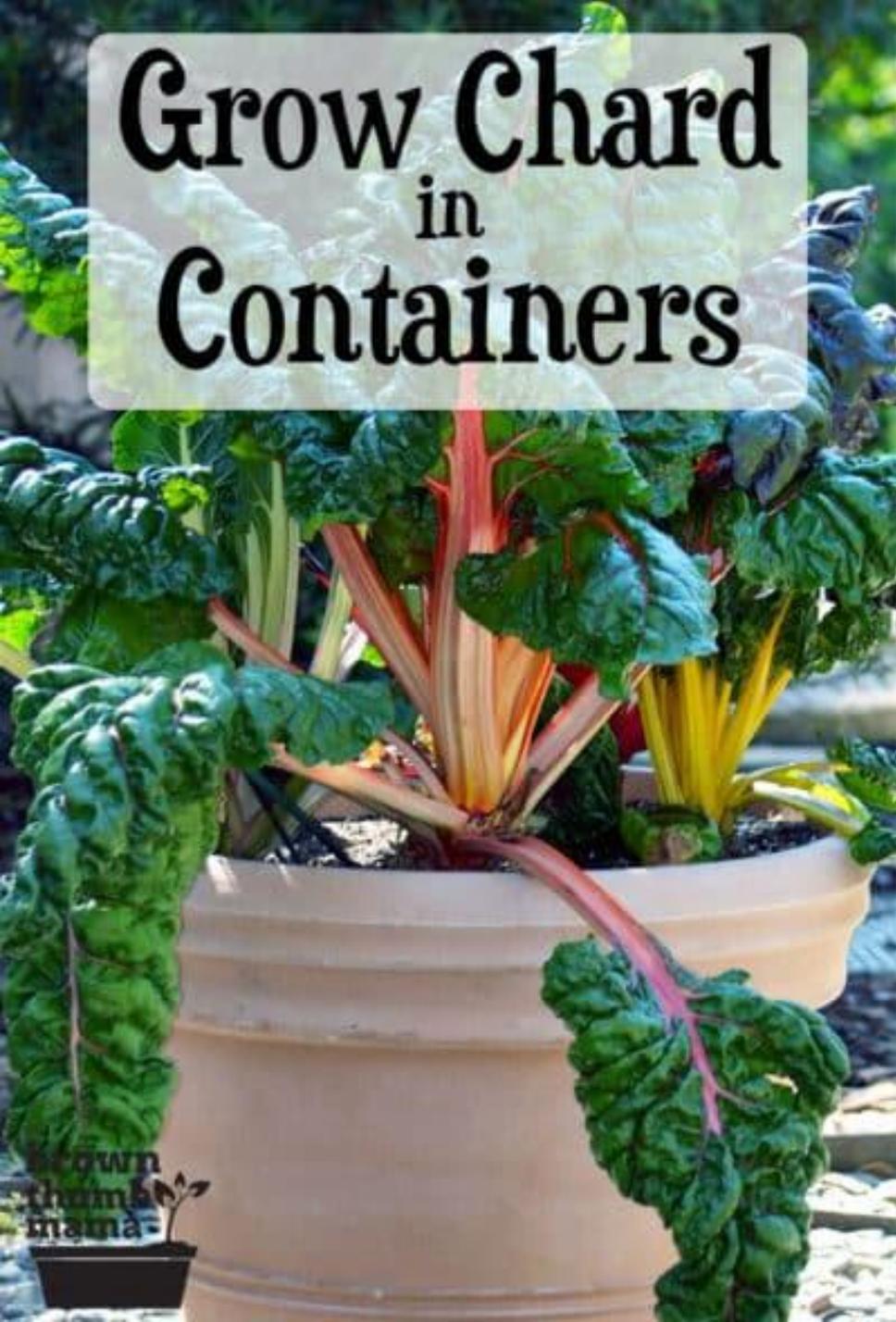
Mix into top 6-12 inches of soil

4

The bed can be planted immediately

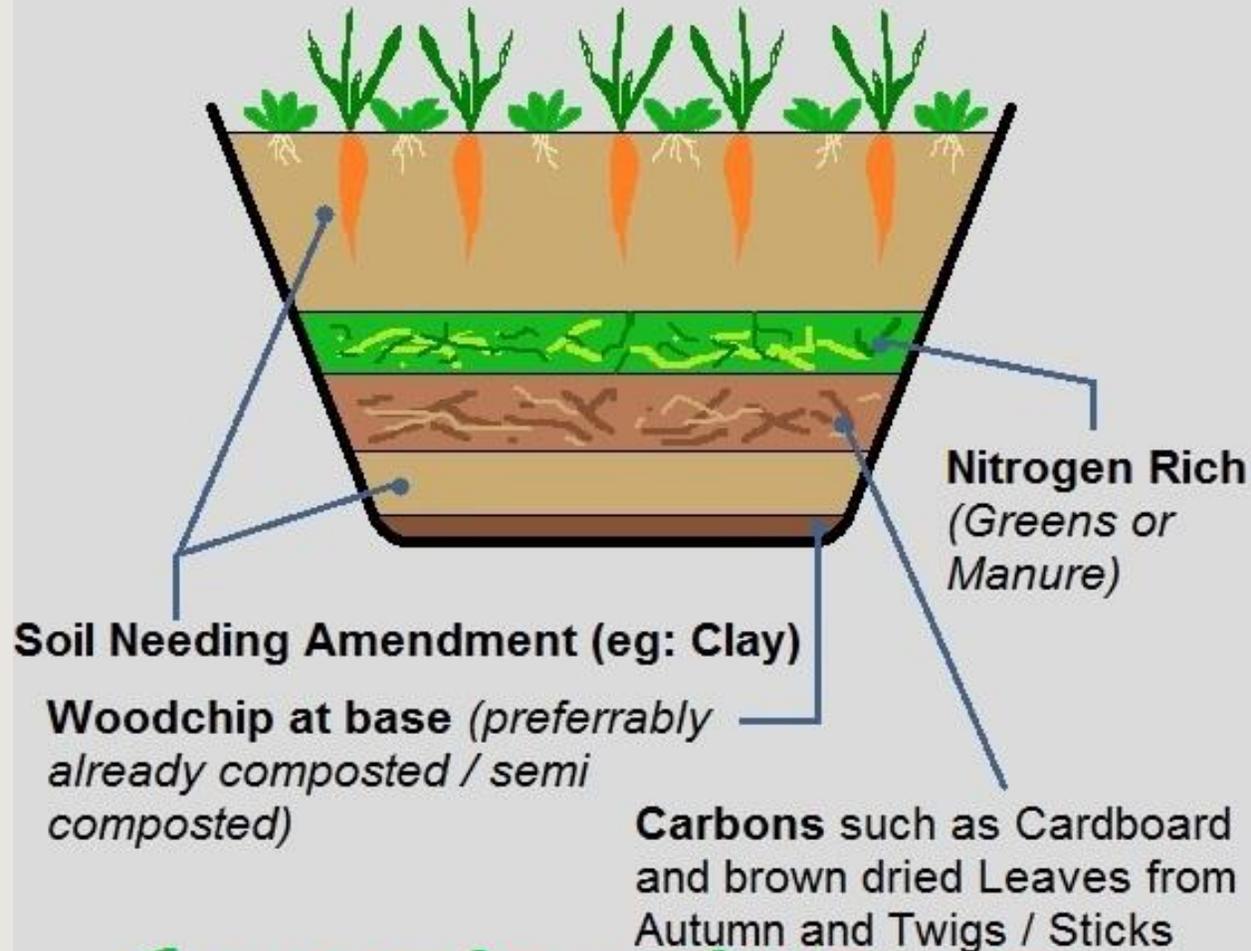


Grow Chard in Containers



Container Gardens

Jeff's Hugel Pots



Soil Needing Amendment (eg: Clay)

Woodchip at base (*preferably already composted / semi composted*)

Carbons such as Cardboard and brown dried Leaves from Autumn and Twigs / Sticks

Nitrogen Rich
(*Greens or Manure*)





BEAUTIFUL EDIBLE PLANTS TO GROW

There are so many gorgeous
edible plants



Chard is super ornamental as well as edible.

To harvest just continue to remove the older leaves.



Bok Choi in
Containers



Alternating green and purple bok
choi makes for beautiful contrasts.



Purple Beans germinate in cooler soils than others, and are beautiful additions to your Edible Landscaping.





Kale Planters

- Kale does well in planters and some of the darker types like Scarlet Kale and Red Russian are beautiful additions to planters.
- Plant tightly and harvest the outer leaves for eating.





Lettuce is a beautiful plant for containers

- I saw a planter like one on the left at the grocery store for \$16. I figure you can make one for around \$5.
- Harvest the outside leaves of each plant to prevent overcrowding and as the plants grow you can cut whole heads to make more room.



LETTUCE IN CONTAINERS



Keep clipping older leaves
and overcrowded plants
out for salads.



Red Cabbage, and Ornamental Cabbage



These planters make good use of space and are both ornamental and edible. The clever placement of cut eucalyptus for height in the arrangement is attractive and the odor keeps away cabbage moths.

A glowing lightbulb is centered in the image, set against a background of dense, vibrant green foliage. The lightbulb is illuminated from within, casting a soft glow. The text is overlaid on the image, centered horizontally.

IDEAS FOR PLANT CONTAINERS AND COMBINATIONS

Choosing beautiful edible plants and interesting containers.

LETTUCE – MAKE USE OF THE COLOR OF YOUR CONTAINER



Salad in a tub



Using vertical space





Kale garden
Food year round
with Red Russian
Kale, Scarlet Kale,
and Ornamental
Kale



Colourful Veggies

The more colour
in our diet, the
more anti-
oxidants.

Eat the rainbow!





Classy recycled
wooden boxes



An aerial photograph of a garden with various plants, paths, and structures. The garden is divided into several sections by paths and raised beds. There are various types of plants, including leafy greens, herbs, and small trees. The paths are made of dirt or gravel. There are also some structures, like a small wooden frame and a small pond or water feature. The overall appearance is a well-maintained and diverse garden.

Different Styles of Edible Gardening

Arranging Gardens for Beauty and Efficiency





Build an Herb Spiral

<https://themicrogardener.com/4-step-guide-to-building-a-herb-spiral/>

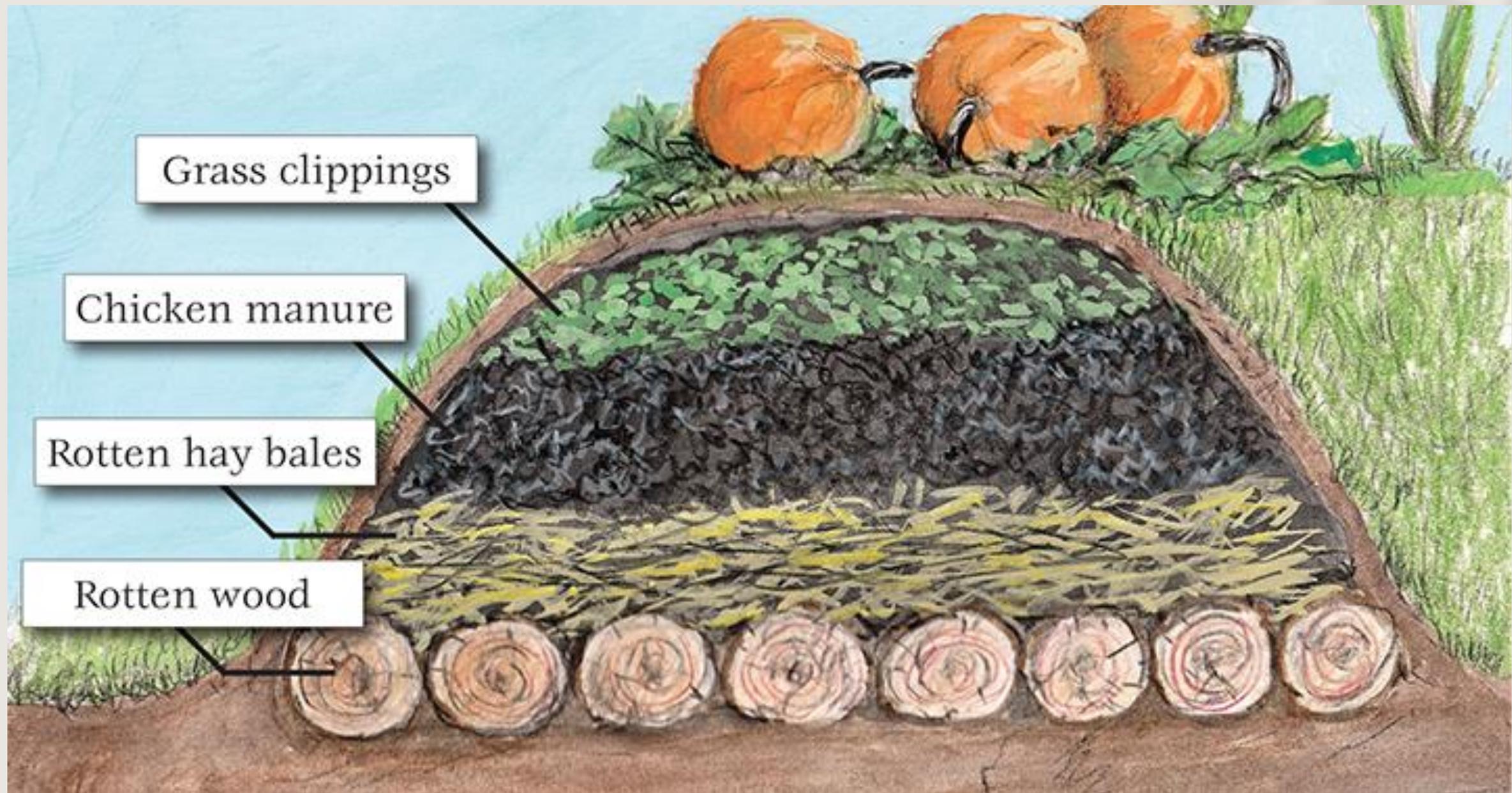
Herb Spiral

At the kitchen door, has many aspects and niches - very hot on the western side, cool on the eastern side, dry at the top and moist at the bottom. Also allows plants to be stacked vertically.



Build an Herb Spiral

This structure creates microclimates for your herbs and any plants you want to grow. Plants that like dry feet, like rosemary and thyme go on top, sun loving herbs on the south, and shade and cool lovers on the north.



Grass clippings

Chicken manure

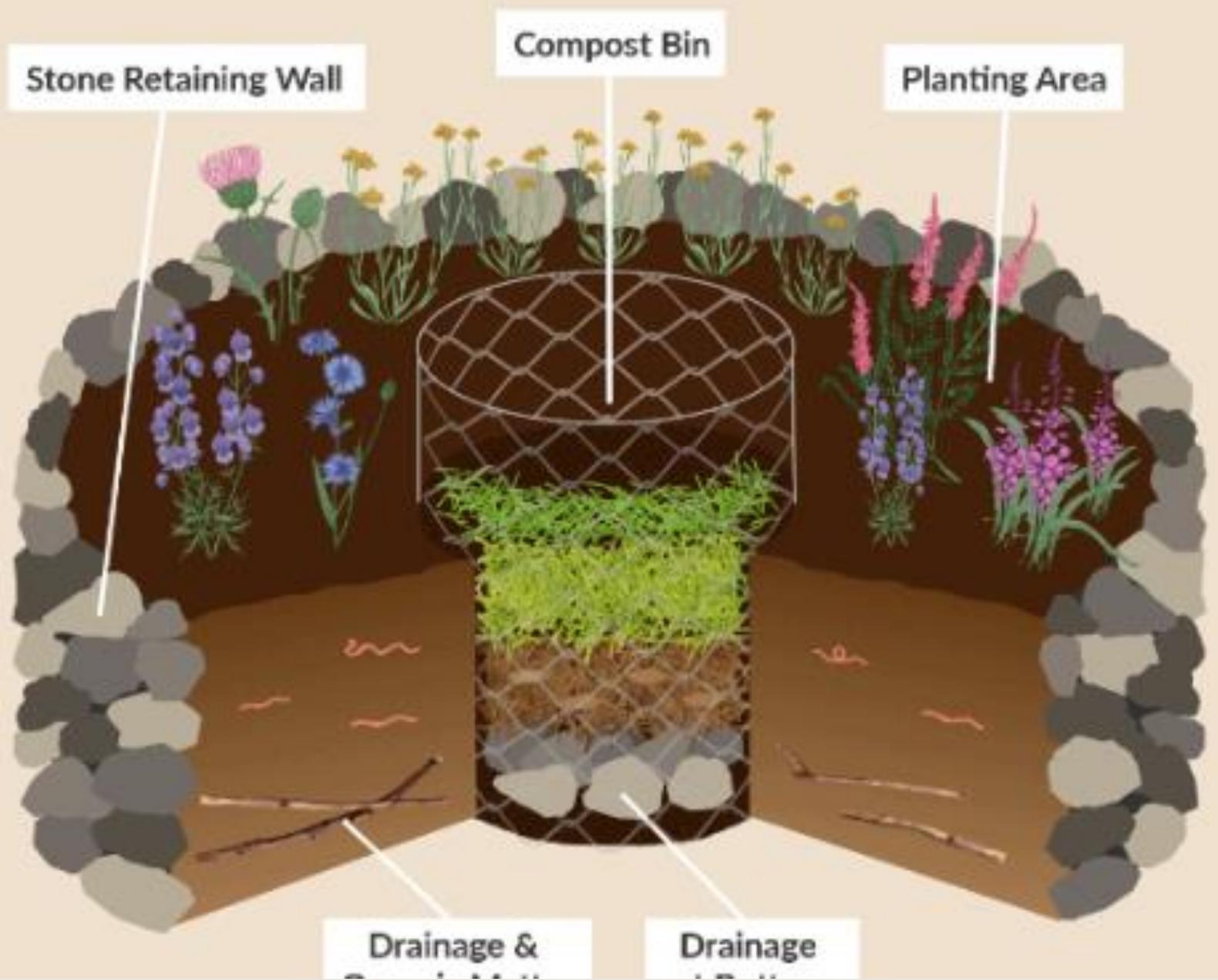
Rotten hay bales

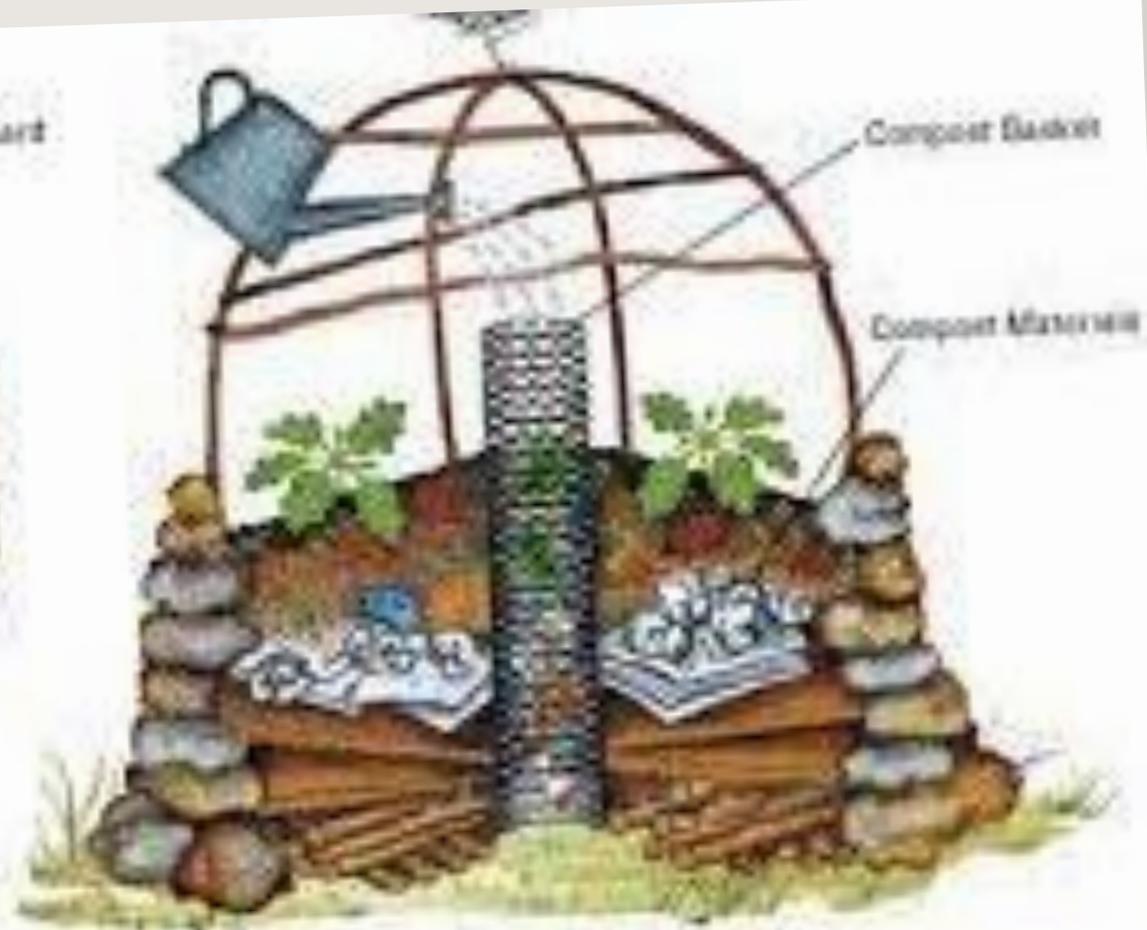
Rotten wood

*Insteading

Keyhole Gardens

Ideal for hot climates, but beneficial everywhere, keyhole gardens retain moisture and supply nutrients to surrounding plants. The notch cut out of the structure gives you easy access for watering and adding fertilizer, and the layering improves soil health.



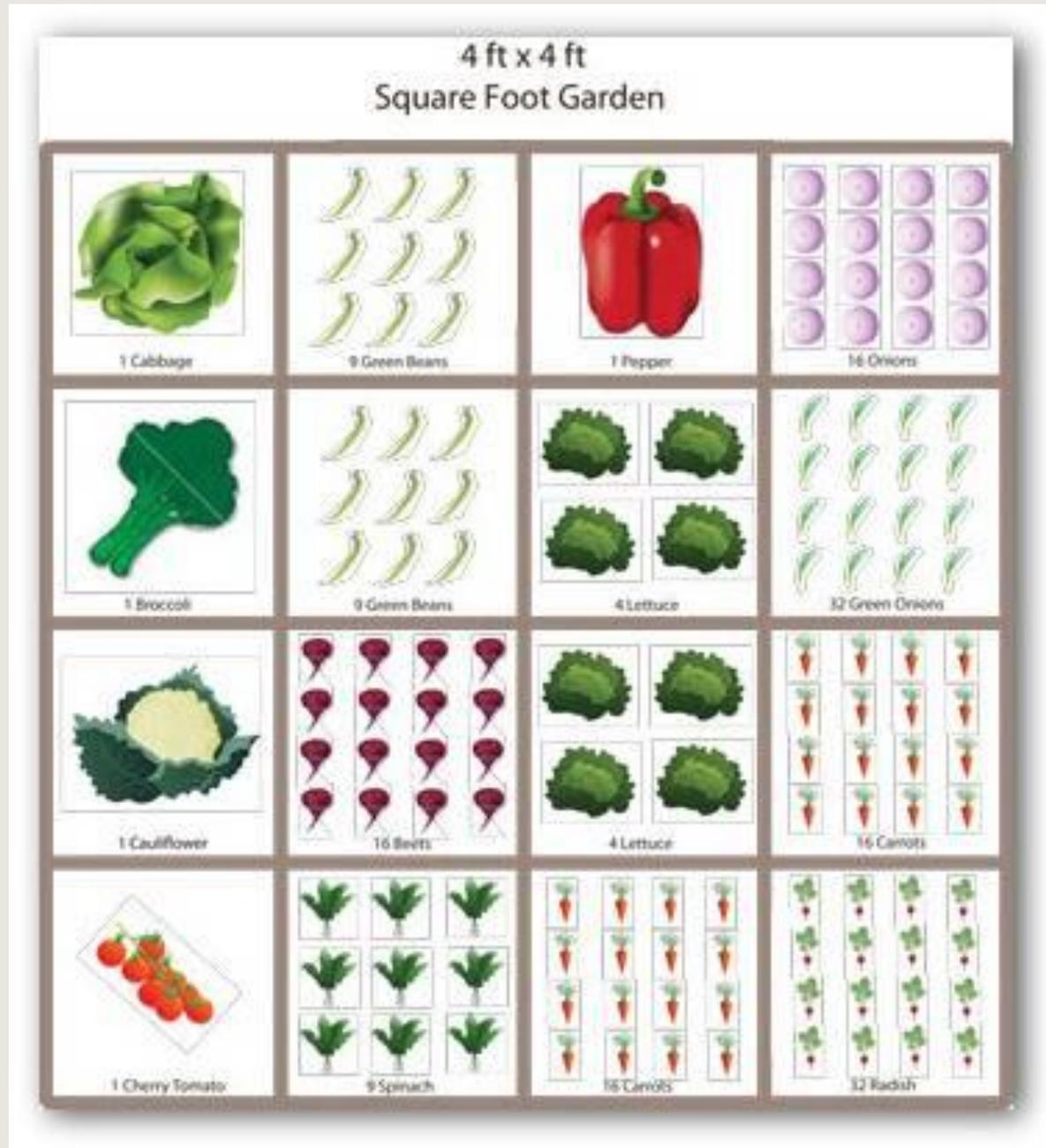


A square foot garden in a wooden planter box, filled with various herbs and vegetables. The garden is set against a wooden fence. The planter box is made of light-colored wood and has a brick border. The garden is filled with a variety of plants, including purple basil, green leafy vegetables, and small yellow flowers. A wooden trellis structure is visible in the background, supporting climbing plants. The overall scene is a lush and organized garden space.

Square Foot Gardens

- Square Foot Gardens can be super attractive to the organized person.
- They also help beginner gardeners to deal with plant spacing and to maximize the yield from a small area.

By alternating colors and textures using a square foot template can create a pleasing landscape.



Placing flowers in between veggies help with pollination and beauty





Tomato Deck Garden



Choose different colors and textures for more interest.

EDIBLE GARDEN IDEAS

- Purple Cabbage in Flower Garden with Onions .
- Use the vibrant colors of purple cabbage and kale and contrast it with the spiky look of onion foliage and bright yellow or red flowers.





An herbal window box makes cutting kitchen herbs easy.



Big beautiful
containers add
pizazz to any
garden



The way to get started
is to quit talking and
begin doing.

Walt Disney



Thank you

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