

Enhancing Capacity

OF LOUISIANA'S SMALL FARMS AND BUSINESSES

SUSTAINABLE URBAN AGRICULTURE CERTIFICATION PROGRAM



How To Create a Greenspace Edible/Ornamental Vertical Garden

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Choosing a location

Vertical gardens are living plant structures that can be created for indoors as well as outdoors. Vertical gardens can be built on the side of your house or building, an urban alley, a garden fence, a storage shed, and a custom made wooden wall which can be placed indoors and moved around if needed.

Preparation and Materials

After wall or fence is chosen, start by screwing in rows of 2" x 1" treated battens 15" apart to fill the space. Use a level as you go to make sure they're straight. Begin working from the bottom to the top by attaching the plastic planters to the battens. Next, click and lock the planters into each other and build up your wall in staggered rows.

Watering and Plant Care

Water your wall with a hose or watering can from the top. This can be done by hand with a reservoir to catch water or a pump (submersible water pump) which is measured in GPH (Gallons Per Hour). This type of pump is suitable for systems that need 1200 GPH or less.



Fun Fact

Be Creative With your Vertical Garden

Look up other ways to build and create the perfect Vertical Garden for you.

Seed Planting

Insert 2 seeds in the hole on the top of the rockwool cube and press the seeds down to the bottom of the hole. Pinch the hole close and place the cubes in a nursery tray and cover with a humidity dome to lock in moisture. Try to maintain at 70 - 80°.

Continue to keep rockwool cubes moist by watering sparingly every couple of days. Remove from humidity dome and place under lights (if indoors) as soon as seeds sprout. Transplant when plantlets reach 2-3" in height.



Propagate Cuttings

Water the stock plant well the night before beginning the propagation process. Remove a 3-4" leaf stem cutting from the main stem of the plant, cutting it off as close to the main stem as possible without damaging the node.

Plant the cutting in the rockwool cube making sure it doesn't poke out the bottom of the cube. Next, fill a nursery tray part way full with perlite or vermiculite. Set rockwool cubes on top of growing media. Cover nursery tray with a humidity dome to lock in moisture.

Continuously check temperature to maintain close to 80°. Open vents on humidity dome when roots begin to emerge. Remove the humidity dome a couple of days after roots first appear. Transplant when roots begin to poke out the bottom of the cubes.



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