



**ASSEMBLY  
INSTRUCTIONS  
FOR YOUR  
"HYDRIPONIC"  
VERTICAL  
GROWING  
TOWER**

1





**Important Information - Read all information BEFORE constructing your Tower**

## **Safety Instructions**

Your VETERAN URBAN FARMING 'HYDRIPONIC' Tower has been designed for ease of operation and requires very limited skills to set up and operate. Unlike complex Hydroponic or Aeroponic systems, gravity and Mother Nature do the work. The nutrient solution 'drips' from shelf to shelf making the growing process easy to establish and maintain.

**WARNING:** As your 'HYDRIPONIC' Tower is constructed from products available from sale at your home improvement resource, some may have sharp edges or otherwise require handling with gloves or require other precautions. Working with any materials generally requires personal safety and hand and eye protection so exercise **EXTREME CARE**. Always perform tasks in accordance with local codes and ordinances.

**WARNING:** Always secure your tower components and the completed tower so that it is stable and cannot tip or fall. Do not attempt to climb on the tower or allow children or pets to come in contact with the structure.

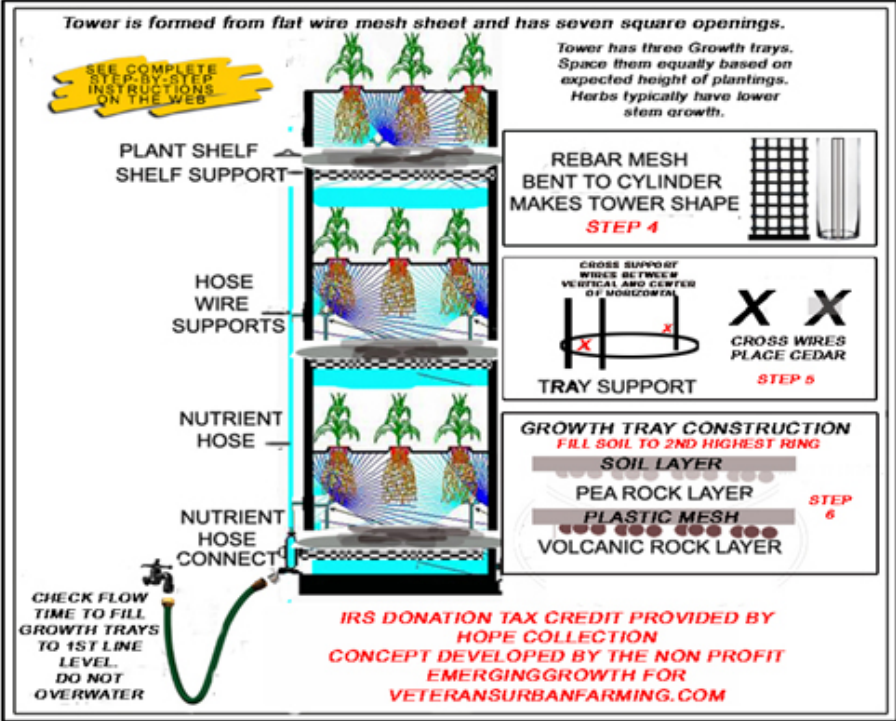
**GOVERN YOURSELF ACCORDINGLY**

This product is not intended to come in contact with electricity. Do not allow any electrical device or any electrical source to come in contact with it.



## UNDERSTANDING YOUR 'HYDRIPONIC' TOWER

Your "HYDRIPONIC" TOWER provides easy ability to grow produce and herbs in a small space with no prior experience. Form flat wire sheet into cylinder shape. Place crossed support wires between vertical upright and horizontal wires of Tower. Place cedar panel in center of crossed wires with corners between wires.







**TESTS CONFIRM ASSEMBLY TAKES ABOUT ONE HOUR WITH ONLY A PLIERS**

Always wear suitable gloves and eye and other protection when working. For your convenience you may wish to use a pliers to bend shelf supports and for other use.



## MOTHER NATURE AND GROWING THINGS

When assembled, your 'HYDRIPONIC' Tower is ready to begin the produce growing process. If your purchase included seed packets follow all directions. If your purchase included plants provided by the store, consult with store employees for specific plant availability and specific instructions.





## MATERIAL YOU SELECT FROM STORE SHELVES

Your 'HYDRIPONIC' Tower may be a complete package containing all the component parts and complete step-by-step instructions OR require you select some components from store shelves and receive your packaged group of components that completes the assembly process. Your Tower has been expertly designed for ease of assembly using basic parts and fully tested to confirm that no specific technical skill, knowledge of or operation of complex tools, or substantial strength is needed. Video support for all aspects of assembly are posted on the Internet for you to review. You may also consult our extensive FAQ section and can EMail for specific questions.

## WHAT'S IN THE PRE-PACKAGED BOX?

To make assembly of your 'HYDRIPONIC' Tower simple and speedy, we have pre-packaged certain components in addition to those you will select from the store shelves. Your purchase price includes all store and pre-packaged components to assemble your 'HYDRIPONIC' Tower.

SEE COMPLETE  
STEP-BY-STEP  
INSTRUCTIONS  
ON THE WEB

[www.veteransurbanfarming.com](http://www.veteransurbanfarming.com)



THE FOLLOWING 15 PAGES CONTAIN STEP-BY-STEP  
INSTRUCTIONS FOR ASSEMBLING YOUR TOWER.

THERE ARE 15 INDIVIDUAL PAGES COVERING EACH STEP.

THE ENTIRE ASSEMBLY PROCESS IS SHOWN ON THE NEXT PAGE.

ASSEMBLY TIME: APPROXIMATELY 1 HOUR

TOOLS REQUIRED: SIMPLE PLIERS




# THIS ILLUSTRATION IS PROVIDED ONLY TO SHOW THE FOLLOWING INDIVIDUAL STEPS FOR TOWER ASSEMBLY. EACH IS SHOWN INDIVIDUALLY ON THE FOLLOWING PAGES

- (1) TO GREATLY REDUCE YOUR COST OF PURCHASE DUE TO WEIGHT AND SIZE SOME ITEMS WILL BE SELECTED BY YOU FROM HOME DEPOT STOCK.**  
**(2) IF YOU HAVE PREPURCHASED PRESENT GIFT CARD AT SERVICE DESK,**  
**(3) When picking up at Home Depot, the flat rebar mesh sheet can be formed into the cylinder shape for easier transport in a car trunk. Store personnel from the Service Desk can assist. Open the carton containing the pre-assembled parts and familiarize yourself with the parts and read all instructions carefully.**

## TOWER INSTRUCTIONS


**(4) Form the flat wire rebar sheet into a cylinder and secure with wire ties. Be certain ties are securely placed to maintain the Tower cylinder shape. Be certain Tower is round so plant growth trays which are round will fit.**




**(5) Support wires are placed between a vertical upright wire and between two vertical upright wires on the opposite side of the Tower. Place one support wire and cross the other over it at center. Place center support. Place cedar panel over center with points facing between wires.**



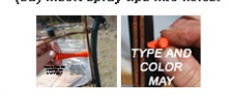
**(6) Growth trays are flexible. Fold sides to fit through Tower. Place on crossed support wires with cedar panel with 2nd ring on tray side even with horizontal ring of Tower. Adjust if needed.**



**(7) Nutrient feeder hose is placed where two sides of wire mesh join. Place top of hose slightly above top lip of highest growth tray and tie in place with wire tie. Attach rest of hose with wire ties leaving hose connection free.**



**(8) Puncture the side of the nutrient hose facing the center of the growth tray 3 inches above the rim of each growth tray on each growth tray level. Test flow by feeding water through the bottom hose connection. (8a) Insert spray tips into holes.**




**(9) The carton containing the parts is used as the form for pouring the Sakrete base to stabilize the Tower. Follow Sakrete mixing instructions. Pour into carton and let set until firm but not completely hardened. Use flap from carton or sponge to smooth. Place tower into Sakrete and allow to harden over night. Remove carton.**




**(10) Adjust spray so it stays within the Growth tray and covers the area. The Growth tray has drain openings at the first level of molded rings. This enables overflow to drip down to next lower Growth tray.**



**(11) Place lava rock randomly on tray. Cover with plastic mesh. Place pea rock on mesh. Cover with soil to 2nd highest molded tray ring. Sprinkle lightly with nutrient.**



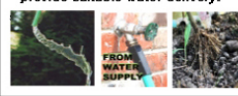
**(12) Indent the soil layer to provide space for plant root ball. Place two plants on each Growth tray and fill soil around to make firm. Wet soil lightly to disperse nutrient.**




**(13) Attach wires to outside of Tower at level of each Growth tray for plants to climb. Adjust wires as plants grow to use as stem support. Assist stem growth by moving stem outside of Tower.**



**(14) Do not over water your Tower. Determine how long water feed is needed to fill Growth tray to level of 1st line on outside of Growth tray. Make note of how much you need to turn on feed valve each time to provide suitable water delivery.**



**(15) Weather and temperature can affect Tower operation. Check amount of water in soil for evaporation during warmer conditions and adjust watering schedule accordingly. Trim dead leaves to encourage new plant growth.**







**(1) TO GREATLY REDUCE YOUR COST OF PURCHASE DUE TO WEIGHT AND SIZE SOME ITEMS WILL BE SELECTED BY YOU FROM HOME DEPOT STOCK.**



***This product is also available by direct shipment containing all components. Contact the store Customer Service Desk for instructions if your product requires store pickup.***



*(2) IF YOU HAVE PREPURCHASED PRESENT GIFT CARD AT SERVICE DESK,*

***This product may be purchased on the Internet  
at the website [veteransurbanfarming.com](http://veteransurbanfarming.com).  
Your purchase is a tax deductible donation.***

***a. Go to website***

***[www.veteransurbanfarming.com](http://www.veteransurbanfarming.com)***



***b. Locate your nearest Home Depot store***

***c. Purchase product on our website***

***d. Receive your Gift Card details***

***e. Receive IRS Donation Credit***

***f. Present Gift Card at store Service Desk***

***g. Go to local store Service Desk and***

***Pickup product from local store***

***OR***

***This product may be purchased as a  
Special Order at any Home Depot location  
in the U.S., Canada, or Mexico.***

***a. Contact your nearby Home depot  
Customer Service Desk for details.***



*(3) When picking up at Home Depot, the flat rebar mesh sheet can be formed into the cylinder shape for easier transport in a car trunk. Store personnel from the Service Desk can assist. Open the carton containing the pre-assembled parts and familiarize yourself with the parts and read all instructions carefully.*



**To Transport in car trunk  
ASK SERVICE DESK  
FOR ASSISTANCE  
OR**



**a. Carefully bring ends together and use wire tie to secure.**

**b. Repeat for other end**

**c. Wire tie all the rest to form cylinder.**

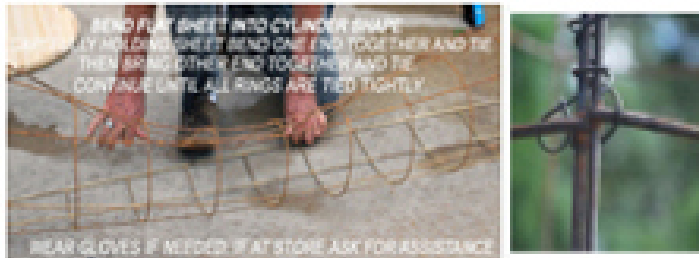
**d. Press along length to make round until suitable.**

**e. Apply spray from carton to all wire parts if required.**



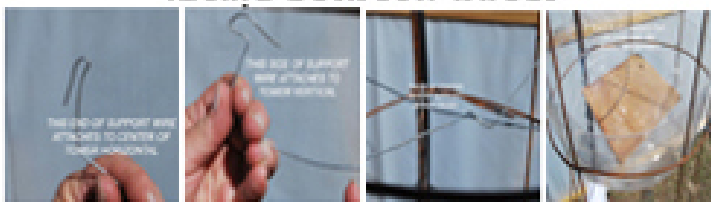


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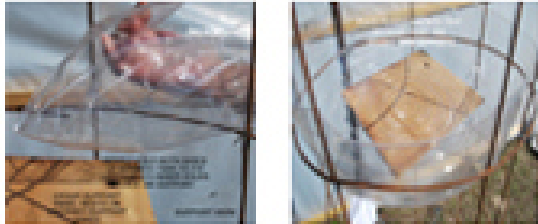


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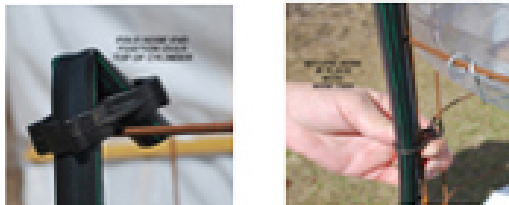
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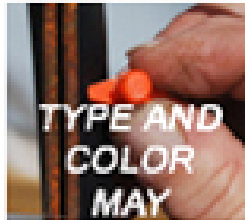
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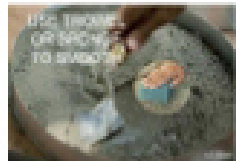
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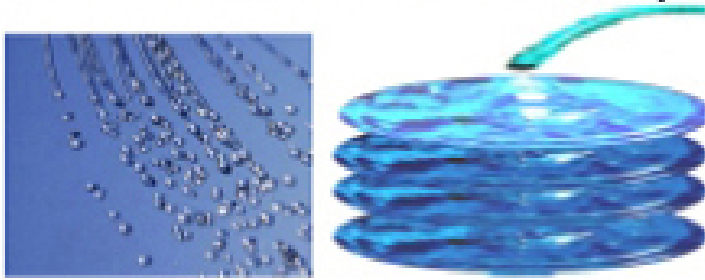


***(9) The carton containing the parts is used as the form for pouring the Sakcrete base to stabilize the Tower. Follow Sakcrete mixing instructions. Pour into carton and let set until firm but not completely hardened. Use flap from carton or sponge to smooth. Place tower into Sakcrete and allow to harden over night. Remove carton.***





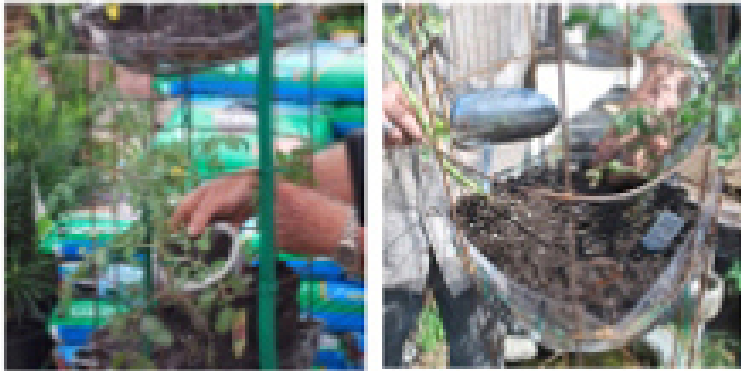
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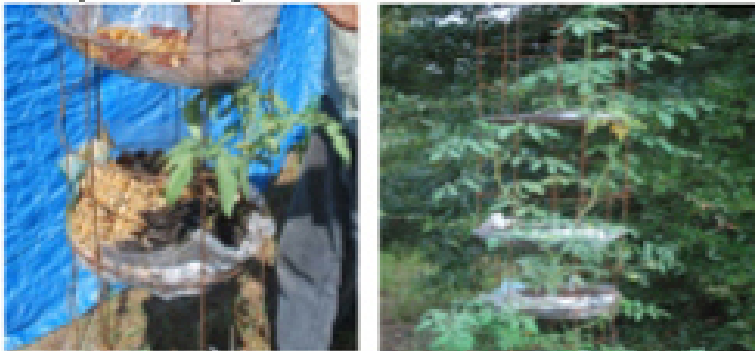
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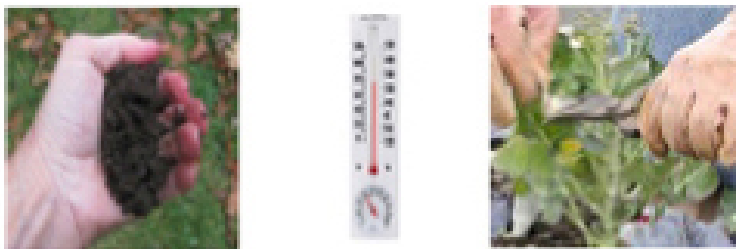
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FOR SPECIFIC QUESTIONS  
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