

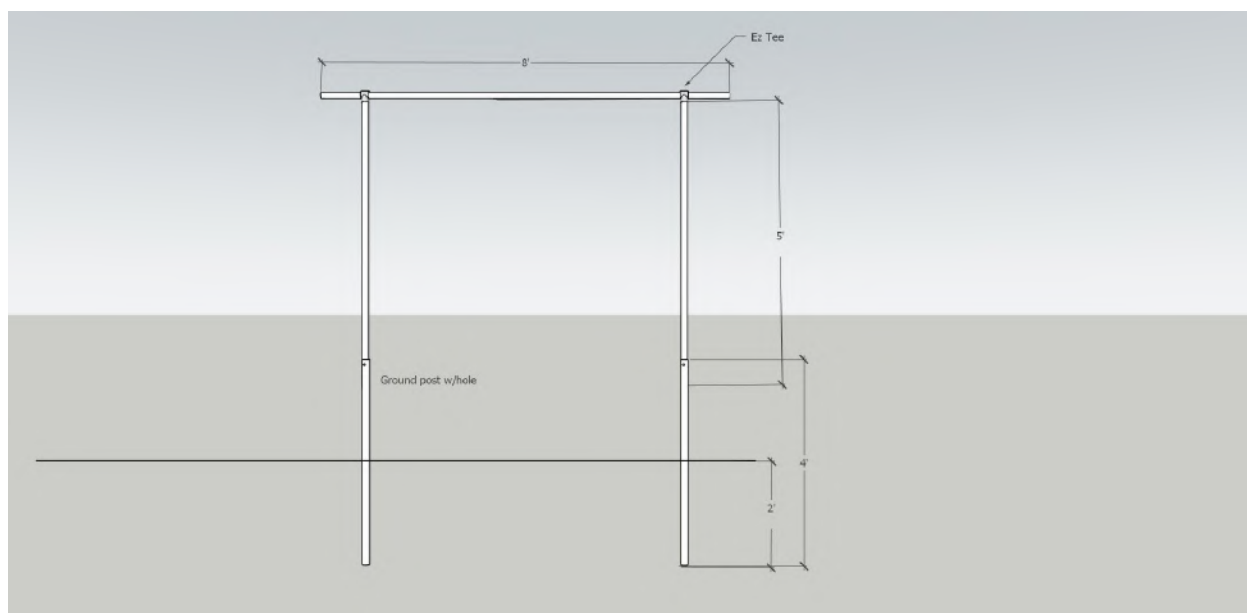
DIY Tomato Trellis

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DIY Heavy-Duty Trellis

Support your tomato plants with this easy-to-build DIY trellis. Made with 1 3/8" top rail, this trellis is perfect for keeping plants upright, improving airflow, and making harvesting a breeze. It is ideal for raised beds, in-ground gardens, or greenhouse use.

The trellis can be made as long as you like to stretch across your garden bed. 8-10 feet is common. If you want it longer than 10 feet you will need an additional swaged piece of 1 3/8" top rail. Choose a height that works for you. You can make the trellis any height but most people choose between 6 and 8 feet for ease of working.



What Comes in the Kit

- 2 EZ TEE Single 1"
- 2 1/4-20 2" Bolts with Nuts
- 2 EZ Cap 1"
- Optional Ground Post Driver

- Optional Predrilled Ground Post
- Optional Trellis Netting (6x20)

What You Will Need to Buy Locally

(3) 10' 1- $\frac{3}{8}$ " top rail for trellis and (1) 8' 1- $\frac{5}{8}$ " line posts for ground posts
Unless opting for predrilled ground post.

Tools to have on hand

- Metal saw
- Measuring tape
- Marker
- Hammer
- Drill with socket set and $\frac{1}{4}$ inch drill bit
- String line
- Level
- $\frac{1}{4}$ inch Allen wrench
- Step ladder

Step-by-Step Instructions

Cut and Prepare Uprights & Ground Posts

From your three 10-foot 1 $\frac{3}{8}$ " top rail pipes:

- Cut two of them down to desired height. With the ground posts sitting at 2 feet, we recommend anywhere from 6'-8' length for your up-rights, depending on your preferred height.
- Cut the third pipe to 8 feet or your desired length for the horizontal top bar.
- Cut your 8' 1 $\frac{5}{8}$ " line post into (2) 4" sections for ground posts unless purchase predrilled ground posts.
- After cutting, mark a point 2 inches from the top on each ground post to drill a $\frac{1}{4}$ inch hole. This hole is for attaching the vertical uprights to the ground posts. Secure the posts with a vice or clamps to ensure they remain stable while you drill.

Install the Ground Posts

1. Mark two points on the ground, 8 feet apart or the desired length, as this is where your trellis will stand. Use a string line to ensure they are in line.

2. Drive a ground post into each spot using a ground post driver or mallet. Sink each post **2 feet into the ground and 2 feet out of the ground**, keeping them as vertical and level as possible. These will serve as the base for your upright pipes.

Attach EZ Tees to Uprights

1. Take your two upright pipes and slide one EZ Tee onto the top of each. Position the open ends of the EZ Tee to face along the length of the bed this will hold the top bar.
2. Secure each EZ Tee in place using the allen wrench.

Assemble the Trellis Frame

1. Insert each upright into a ground post, sliding the pipe down until it bottoms out.
2. Attach using the predrilled 1/4" holes by drilling a 1/4" hole through the upright at the hole in the ground post.
3. Secure with 1/4" x 2" bolts and 1/4" nuts. If using your own posts, we recommend predrilling pilot holes before attachment.
4. Take your top bar and insert it through the open ends of both EZ Tees to connect the two uprights.
5. Double-check alignment to ensure everything is level and plumb before tightening the bolts securely.

Cap the Ends

Gently hammer the EZ Caps onto each open end of the horizontal top bar. This keeps water and debris out of the pipe, helping prevent rust and extending the life of the trellis.

Add Your Plant Support

Once the frame is in place, you can train plants upward using:

- Trellis netting draped over the top rail
- Twine or string tied down from the top rail
- Qlipr trellis system