

# How to Grow *Tomatoes*

Juicy, sweet, and easy to grow.



## Why We Love Tomato

Not only are they super-tasty, but tomatoes are also a perfect crop for beginning Tower Gardeners — because for just a little bit of effort, they deliver a whole lot of reward. Even more so, they are extremely healthy, containing vitamins A and C, folic acid, lycopene, and much more. Research shows eating tomatoes can lead to healthier skin and stronger heart health!

## Tomato Types

- **Indeterminate Varieties** - The most labor-intensive type of tomato plants. They grow very tall and need to be pruned regularly. Some of the best-tasting varieties you can grow.
- **Determinate Varieties** - Grow outward and upward. Require light pruning, but only for purposes of strengthening or containing the plant.
- **Dwarf Varieties** - Shortest tomato type. Grow small fruits (like cherry and grape tomatoes) and require no pruning whatsoever.
- **Patio Varieties** - Produce small to medium-size fruits (from cherry to Roma tomatoes) and usually don't require any pruning.

## What You'll Need

- Tower Garden Growing System
- Seeds included in your [Seedling Starter Kit](#)
- Tower Garden [Support Cage](#)
- Access to power source

## Directions

1. Germinate your seeds. This step will take roughly 1-2 weeks. Tomato seeds should be ready for transplant (about 3-5 weeks) when they have a good root system growing from the rockwool cubes.
2. Place one seedling cube into each net pot on your Tower Garden Growing System. Tomatoes grow large and heavy, so we recommend planting 1-2 plants in the bottom section of your Tower Garden.
3. Gently press the seedling cube until it touches the base of the net pot.
4. If you're planting determinate varieties of tomatoes, you may want to use a tomato cage for extra structural support.

### GROWING INFORMATION

## Tomato

### DIFFICULTY



### INDOOR VS. OUTDOOR

## Outdoors

### TIME TO HARVEST

**10-12 weeks**

### BEST TOWER POSITION

**Bottom**



## Growing Conditions

**Temperature:** 21°C–32°C

### Light

For outdoor – minimum 6-8 hours of full sunlight daily

### Watering Cycle

Please set the Tower timer to "O" for outdoor growing.



## Maintenance & Pest Prevention

- Check water and pH levels at least weekly.
- Keep roots away from pump.
- If growing outdoors, rotate garden regularly for even growing.
- Clean pump monthly.
- Check regularly for pests.
- Remove or dispose of any dead or diseased plant material.



## Pruning

- Indeterminate tomato varieties need constant structure and redirection in order to become focused and productive. You need to prune indeterminate varieties throughout the growing season to keep them contained and build plant strength, which allows them to handle the ongoing fruit harvest. The fruit yield also stops when determinate plants stop growing.
- When your new plant has 6 leaves per stem, it's a good idea to start pruning. Make the cut right in the middle of the internode space of the 4th and 5th leaf. At each node, a new stem will grow, giving you four new branches. Once these branches have developed into main structural branches, you can prune again to shape your plant as needed for flowering and fruiting.
- Depending on how strong a branch is, you can prune it to hold 2-3 trusses of fruit. You could use a "soft" pinch of young growth tips just past the last desired truss, or a harder pruning along the internode of the stem past the last desired truss.
- If your area has a long growing season, you might have to remove entire lower branches once they're completely harvested. This keeps the plant's energy directed toward the parts that are still fruiting.
- To keep your tomato plant's energy directed into the strongest fruit-bearing stems, it is good practice to remove suckers, or side shoots, from the base of the plant. Suckers are the growths that appear in the crotch between the stem and a branch. Remove them by cutting just below the lowest leaf on the sucker, being careful not to injure the main plant stem. Remember to cut to leave a stub.



## Harvesting

- Fruit will always mature in the order that the tomatoes appear on the truss. The fruit closest to the branch stem will mature first.
- Your first clue that a tomato is ripe is its colour: It should be a deep red, yellow, or purple depending on the variety.
- Your second clue that a tomato is ripe is its hardness: the riper it gets, the softer it will become. A perfectly ripe tomato has some give but is not mushy.
- The final clue that a tomato is ripe is that it should easily "pop" off the truss when it's ready to harvest.
- If you like, you can harvest the entire truss by cutting the stem attaching it to the branch just behind the first peduncle (the flower stalk that supports either a cluster or a solitary flower) or by snipping the small peduncle to its individual fruit.



## Ways to Enjoy

- **Sauces & Jams** – Tomatoes are the base of so many amazing sauces, jams, and jellies. Spice up your pantry by making your very own concoctions.
- **Raw** – By far the most nutritious way to enjoy freshly picked tomatoes. Eat them on-the-go, toss them in your favourite salad, or throw them on a sandwich for extra goodness.
- **Soup** – Nothing beats a bowl of hearty tomato soup to get over a cold or to lift your mood. Find recipes on our website from fellow Tower Gardeners for Creamy Tomato Bisque, Tomato Mushroom Basil Soup and a Roasted Cherry Tomato Gazpacho. You can thank us later!

For more information about growing tomatoes, please visit [towergarden.com](http://towergarden.com).