



# How to



## GROW TOMATOES



*Tomatoes are a favourite summer edible crop and home grown truly tastes best!*

Tomatoes can be grown from seed or are readily available from early spring in seedling punnets, various grade single pots or grafted varieties. Tomatoes come in a wide variety of shapes, sizes and tastes, including heritage varieties that are making a comeback along with tried and true garden favourites – there really is a tomato for everyone!



### *When to plant*

The weather, rather than the calendar date, is the determining factor. Tomatoes generally need three months of warm, frost free weather to produce well. With protection, plants can be grown from August onwards. Labour weekend is the traditional time for planting tomatoes but they can be planted outdoors as soon as conditions allow, usually after the risk of frost has gone.



**Palmers' Handy Tip:** Growing tomatoes and basil together increases the vigor and flavour of both crops. Other great companions for tomatoes are marigold, nasturtium and chives.



## Soil and position

Tomatoes need plenty of sunshine. Any free draining soil which is rich in organic matter is ideal. Tall varieties need protection from strong winds. Against a wall, fence or trellis is ideal or use a strong stake when planting. Prepare the soil by using **Tui Tomato Mix** by itself or digging through existing garden soil deeply.

## Growing in containers

Tomatoes are happy in containers or planter bags and can be easily cared for on decks and patios, they just requiring staking and training as you would plants grown in the garden. We recommend **Tui Tomato Mix** as it is a perfectly formulated specialist tomato potting mix. Take extra care with watering throughout the season to prevent the mix drying out and add liquid feed fortnightly. Smaller growing varieties are easiest to manage in pots and will generally give the best results e.g. Red Robin, Totem or Russian Red in pots or try Tumbling Tom or Pear Drops in big hanging baskets.

## Planting

Plant your tomato seedlings in well prepared soil at least 40cm apart. First water the plant in its container and allow to drain, then plant without disturbing the root ball. Firm the soil gently. Seedlings can be planted with the soil about 2cm further up the stem than it was in the pot. If planting seedlings from a punnet, first remove from the punnet then gently separate the seedlings.

## Staking

It is a good idea to position stakes for all varieties at planting time to avoid damaging the roots later on. Overhead wires with strings to climb up can also be used.





## Training

This depends on the type and variety of tomato. Tall varieties need pruning to aid air circulation (which prevents disease), to let in maximum light and to concentrate the plant's energy on the main leaf structure and the fruit. As the plant grows remove all lateral (side branch) growths as soon as they appear. These appear between each leaf and the main stem. When the plant has six or seven good trusses of fruit, pinch out the growing tip. This is called 'stopping' and encourages the plant to put its energy into developing fruit. Dwarf varieties do not need pruning or staking.

## Caring for tomatoes

### Feeding and watering

Tomatoes grow rapidly so are both thirsty and hungry. It is very important to water regularly in dry weather, to ensure the plants do not dry out. Mulching is an excellent way of conserving moisture and suppressing weed growth, and **Tui Mulch 'n' Feed** is ideal for this purpose. As plants grow and become loaded with developing fruit their requirement for water will increase.

Once the small fruit appear, supplement your initial ground preparation with a fortnightly feed of a balanced fertiliser such as **Tui Tomato Food**. Water thoroughly after feeding.

### Harvesting

It is a good idea to pick fruit before it is fully coloured and still quite firm. This helps fruit keep longer and relieves the plant of its load allowing it to keep on the job of producing more crops.





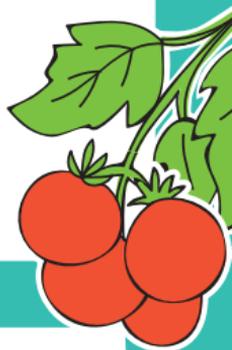
## *Pests and diseases*

Strong growing healthy tomato plants will produce abundantly and are more resistant to pests and disease, so get your plants off to a good start. Changing the site or replacing the soil of sites used previously for growing tomatoes will guard against build-up of seasonal problems.

- Pruning to encourage air circulation will help deter diseases.
- Remove and destroy foliage or fruit showing signs of disease regularly.
- Planting grafted tomatoes. These are grown on disease resistant rootstock.
- To control blight or black spot fungus spray with **Kiwicare Organic Copper Oxy** fortnightly, or weekly during wet humid weather.
- For white fly and other insect pests, use **Kiwicare Organic Insect Control**.



*Pick your ripe tomatoes and enjoy!*



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