

# FACT SHEET COMPOSTING



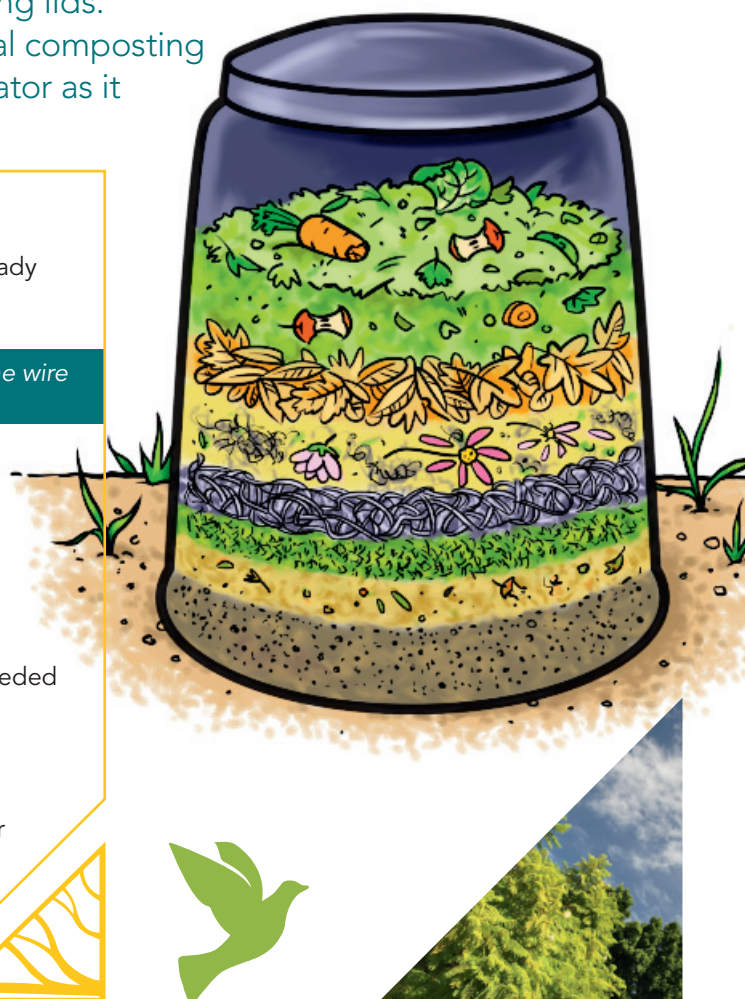
There are many ways to make successful compost but we recommend the dome-shaped bins with well-fitting lids. They keep pests out and moisture in, creating ideal composting conditions! We also prefer the Compost Mate aerator as it makes aerating your compost super easy.

## GETTING STARTED

1. Choose a site in your garden that has good drainage and is shady in summer. Bury the bin at least 10cm into the soil to keep out burrowing pests.

*TIP: To be extra sure, cover the base of your bin with a layer of fine wire mesh that will prevent rats and mice from entering.*

2. Add a layer of small twigs, egg cartons, dry leaves and/or shredded newspaper. This acts to aerate the compost.
3. Add activators (things that contain and support composting bacteria) such as animal manures, compost from an old heap, blood and bone and/or organically rich garden soil.
4. Add water.
5. Add materials in thin "brown" and "green" layers. Water as needed to keep it moist.
6. Continue adding alternating layers of "green" and "brown" materials until your bin is full.
7. To aerate your compost and to speed up breakdown, turn your compost with a Compost Mate or pitch fork every 1-2 weeks.
8. Monitor the compost to make sure it's breaking down nicely. Ensure it's not too dry, too wet or attracting pests – see over for troubleshooting.



## WHAT TO COMPOST?

Anything that was once alive can be composted; however, meat, dairy products and pet poo should NOT be added in order to avoid pests and parasites. To get started, the following items are a good guide. In general, add more brown than green materials:

"Green" materials	"Brown" materials
High moisture content	Low moisture content
Rich in nitrogen	Rich in carbon
<b>Examples:</b> Fruit / veggie scraps Food scraps (avoid meat and dairy) Tea leaves / coffee grounds Dead cut flowers Fresh grass clippings Hair	<b>Examples:</b> Dried garden prunings Dried leaves Dried grass clippings Straw Sawdust Paper products

# HOT VS COLD COMPOSTING



If you have enough green and brown materials on hand, you can fill your bin up in one go. It should then heat up in the middle to generate "hot compost", which breaks down fast and kills weed seeds in the process. However, don't add any worms as they will be killed by the heat.

If you choose to fill your bin gradually as food and garden scraps become available, you will be "cold composting". This won't kill weed seeds, so avoid adding these, but it will support composting worms and lots of other beneficial critters that will assist with breakdown.

## TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Smelly compost	Too much water Poor drainage or lack of aeration Too much "green" material	For a quick fix add garden lime and turn (aerate) the heap.  Add more brown material to absorb moisture.
Pests <i>If cold composting, you will have lots of activity in your bin so don't panic about small vinegar flies, slaters, beetles, worms etc</i>	Ants = too dry	Add water and green material – ensure all contents is moistened.
	Flies/maggots = inappropriate ingredients	Make sure the lid is secure and avoid meat and dairy items. Cover food scraps and any maggots with a layer of soil – they will soon break down.
	Cockroaches = too acidic, anaerobic	Turn compost to aerate and add garden lime to raise the pH back up to neutral
	Rats / mice = inappropriate ingredients	Make sure the bin is dug into the ground and add fine wire mesh to the base.  Make sure the lid is secure and avoid meat and dairy items. Cover food scraps with a layer of soil.
Just not working - "I will decompose quicker than my compost heap."	Balance of ingredients is not right  Mix is too dry	Make sure you have the right mix of green and brown materials and the right amount of moisture.  Turn your heap and water it to ensure it is evenly moist.  To speed up the process, add more green ingredients and activators.

*Tip: Monitor your compost – get to know it, read its moods and give it what it wants. And don't panic! The finished product will not look homogenous like commercial compost. Each item will compost at a different rate, chunks in your compost are fine – your garden won't mind!*

