



# Pros and Cons of management techniques



## Insecticides

A substance used to control unwanted insects.

- Removes insects that may damage the tree or fruit
- By removing harmful insects, the potential yield of fruit from the tree can increase



## Insecticides

A substance used to control unwanted insects.

- Can run off into water courses killing fish
- Can also kill beneficial insects including pollinators



## Compost

Rich organic material made up of decaying substances such as vegetables and fruits.

- Increases the amount of nutrients in the soil which are essential for tree growth
- Improves the soil structure making it more suitable for tree growth



## Compost

Rich organic material made up of decaying substances such as vegetables and fruits.

- Making your own is a time-consuming process
- Buying it can be expensive
- It may be contaminated with seeds from which weeds may grow





### Mulching

A material such as wood chippings which is spread over the surface of the soil.

- Retains moisture in the soil
- Adds additional nutrients into the soil
- Slows down and stops weed growth



### Mulching

A material such as wood chippings which is spread over the surface of the soil.

- Can cause rotting if placed in contact with the trunk of the tree



### Herbicide

Commonly known as weed killer, it's a substance used to control unwanted plants.

- Increases fruit yield by removing plants that might compete for resources
- Easier than removing weeds by hand



### Herbicide

Commonly known as weed killer, it's a substance used to control unwanted plants.

- Can lead to health complications for both humans and wildlife if exposed to the chemicals
- Can kill non targeted plants reducing biodiversity



### **Rainwater**

**Collected to water fruit trees.**

- Tends to be the correct pH for many plants - slightly acidic
- It's a free resource



### **Rainwater**

**Collected to water fruit trees.**

- Needs to be stored safely and the containers can be expensive
- Supply is usually lower in the summer when the demand for watering fruit trees is highest



### **Tap water**

**Used to water fruit trees.**

- Does not require storage
- Some tap water has added minerals which can be beneficial to your trees



### **Tap water**

**Used to water fruit trees.**

- Often has added chlorine which can be harmful to some fruit trees
- Fresh tap water is relatively expensive and a finite resource, often leading to hosepipe bans in the summer
- CO<sub>2</sub>, a greenhouse gas, is emitted during the processing of water