



What Nozzles Do I Use

Broadacre:

- First check to product for the recommended droplet size. If they don't mention a size, medium is a desired size.
- Is spray drift a concern?
- Choose a water rate per hectare to apply the product.
- What speed are you traveling?
- Look up a nozzle chart and select the application speed.
- Find your application rate at reasonable pressure.
- Cross reference this pressure and nozzle size with a BCPC chart of the nozzle you would like to use, to ensure that the pressure and droplet size is what is required.

Further information can be found in the Lechler, Teejet BCPC charts and the Broadacre ISO nozzle Application Chart.

Orchard and Vineyard:

- First check to product for the recommended droplet size. If stated.
- Choose a rate per hectare or litres per 100 metres (UCR) to apply the product.
- What speed are you traveling?
- What is the sprayed width?
- Use the following calibration formulae to determine the correct nozzle size.

$$\frac{\text{Rate/Hectare} \times \text{Speed} \times \text{Application Width}}{600}$$

$$= \frac{\text{Litres per Minute Total}}{\text{Number of Nozzles Used}}$$

$$= \text{Litres / Minute / Nozzle}$$

- Look up the appropriate nozzle chart and select the nozzle output per minute at a desired pressure. Keep the pressure as low as possible according to the nozzle manufacturers' chart to avoid excessive wear and tear.

Further information can be found in the Hollow Cone Application Chart and the Low Drift Airblast Nozzle Chart.