

Growing Solutions



The Scotts Easy Guide: Drenching Plants With Pesticides

- Ensure compost in pots is moist before attempting to drench. It is important that the pesticide is even throughout compost and none runs to waste.
- Read label for rate of application.
 - **e.g. 0.02g** pesticide in **100-200ml** water per litre of compost.
- Use coarse nozzle.
- Put 1 litre of water in sprayer.
- Time how long it takes to spray **100ml** into a measuring cylinder.
 - **e.g. 15 seconds.**
- Estimate volume of compost in pot.
 - **e.g. 14D pot contains 0.9 litres.**
- Test how much water is needed to drench 1 litre compost evenly by timing drenching the compost in the pot until water just starts to appear at the base of the pot.
 - **e.g. 21 seconds.**
- Reduce this value by 1 second as run-off is not acceptable.
 - **e.g. 21 minus 1 = 20 seconds.**
- Volume of water drenched in 20 seconds will be **100 x 20/15 = 133ml.**
- To treat 1000 pots (900 litres of compost) will need 1000 x 133 /1000 = **133 litres of water.**
- Pesticide to be added is **0.2 x 0.9 x1000 = 18g.**
- Add half the water, then dissolve the pesticide, then top up to required level of water calculated above.
- Time the drenching of each pot by a stop watch or counting accurately.



Growing success