

Lesson 16: Automated Watering

In this lesson, you will learn how to answer these questions:

Why use automated watering?
How do I install automated watering?

Why use automated watering?

Since more than 80% of a plant's weight is water, consistent and adequate watering is essential for healthy plants. If a plant begins to wilt, it has already stopped growing. That's why plants usually require water at least once a day during warm weather and sometimes more often in hot weather.

The aim in watering should be to provide a uniform amount of water at all times. This encourages uniform plant growth day after day. By installing an automated watering system, you can easily and consistently ensure that your plants are getting the water they need. You will also be able to distribute water evenly over the entire growing area so dry spots won't occur.

It's fairly easy and inexpensive to install an automated watering system in soil-beds and grow-boxes. After installing this system, fast-growing plants in soil-beds or grow-boxes can be watered in 30 to 60 seconds, even on low water volume and low pressure.