



# HEAT'n'GROW

HEATED PLANT PROPAGATION PRODUCTS

## FREQUENTLY ASKED QUESTIONS

### **How do I grow my azaleas?**

For advice on how to grow your particular plants, flowers or vegetables, please contact your nursery or plant specialist. We are able to advise you on the proper use of your Heat'n'Grow Heated Propagation System, but are unable provide advice on the specific needs of particular plants.

### **Why doesn't my TPS020 tray come with felt?**

The TPS020 runs on a lower wattage element and therefore the capillary matting (felt) is not required to assist in controlling the temperature. The thermostatically controlled heated trays do come with capillary matting, which should be kept moist at all times.

### **Is my propagation tray waterproof?**

No, the Heat'n'Grow Heated Propagation trays are not waterproof and therefore must not be used where misting is required. They are not submersible. They are water resistant to enable watering of plants and to maintain damp growing conditions.

### **Do I need to use a TPSTOP Clear Top?**

We recommend that the Heat'n'Grow Heated Propagation Trays be used in conjunction with a TPSTOP Clear Top, as it creates a mini-greenhouse effect. This promotes enhanced growing conditions and rapid growth. It also provides further temperature and moisture control with the 3-way vent system.

### **Do I need a TPSTRAY seedling tray or a TPSDRIP drip tray, or both?**

You can use either, or both. The seedling tray allows water to drain off, whilst the drip tray catches any water run-off. It is a matter of personal choice.

### **Do I need a TPSKIT light kit?**

By controlling lighting levels you will ensure maximum high quality yield. Individual plants have different light requirements. As a guide, try to simulate their natural environment as closely as possible for optimum growing conditions. For example, plants that require full sun should be exposed to light for at least eight hours per day. The TPSKIT light kit is an easy, effective and economical option.

### **Is the heat distributed evenly across the tray?**

The hi-tech carbon strip element is designed to allow even heat distribution across the tray. There will however, be an approximate 4cm perimeter, which will not reach as high a temperature as the rest of the tray, since the element ends approximately 2cm from the edge of the tray. Heat from the centre will however dissipate to these areas, ensuring heat across the tray.

### **What factors affect the temperature of my growing conditions?**

- To provide your plants the most accurate constant temperature for growing, a number of factors must be considered.
- Capillary matting must be kept moist at all times
- Growing medium must be kept moist at all times
- Even compacting of the growing medium.
- Different grades or thicknesses of plastic pots will result in varying soil temperatures so try to use the same plastic pots for all plants being grown. We recommend a TPSTRAY or TPSDRIP.
- A TPSTOP Clear Plastic cover will provide more controlled growing conditions for your plants.
- The temperature sensor is located in the middle of the tray, so if using a TPS040 or TPS080 and are not using the whole of the tray, the part of the tray closest to the thermostat should be used to obtain the most accurate temperature reading.

