

## DECLARATION OF CONFORMITY

This is to confirm that this unit conforms with essential health and safety requirements.

### Description of unit:

Super 7 Electric Windowsill Propagator  
Product Code : G51  
Serial No. : As shown overleaf

### Relevant directives complied with by the equipment:

*Low Voltage Directive 73/23/EC*  
*Electro Magnetic Compatibility Directive 89/336/EEC*  
*CE Marking Directive 93/68/EEC*  
*RoHS Directive 2002/95/EC*

*This company also holds WEEECare Compliance Certificate No. WEE/FC0105WV*

We declare that this unit has been manufactured in accordance with the above referred Directives, complies with the safety requirements of BS EN 60335-1:1995 and is therefore considered to comply with The Electrical Equipment (Safety) Regulations - 1994.

Business name and address:  
See below

Authorised person empowered to sign for the company:



H M Glendenning  
Company Director  
1st November 2009



Garland Products Limited  
First Avenue  
The Pensnett Estate  
Kingswinford  
West Midlands DY6 7TZ

# GARLAND'S GUIDE TO ELECTRIC PROPAGATING

Thank you for purchasing this Garland Products Super 7 Electric Propagator. You are now the owner of arguably one of the most valuable pieces of equipment for the keen gardener. This propagator unit will help you to grow new plants from seed and also root cuttings taken from existing plants. Growing from seed or cuttings is an immensely rewarding and cost effective means to add variety and colour to your garden. As a quality product, this electric propagator should give many years of gardening pleasure.

### **WHY USE AN ELECTRIC PROPAGATOR?**

Successful propagation requires heat. As the ideal time to propagate is during the colder months in preparation for the new season, it can be difficult to achieve the even heat required, particularly at night. An electrically heated base is therefore the ideal piece of equipment to greatly increase your chances of success. This unit has been designed for use within the house where the average temperature will not fall below 10 degrees Celsius. It is not intended for use in unheated greenhouses. *Please note that the electric heated base is designed to transfer gentle heat to the compost - it will feel warm rather than hot to the touch. To check this unit is working, switch the unit on and place the compost filled trays on the heated base. Leave for 2 hours, then check that the top surface of the heated base is warm.*

### **POSITIONING YOUR SUPER 7 PROPAGATOR**

This unit is ideally situated on a windowsill which gives plenty of light without strong sunshine, so avoid south or west facing windows.

### **SAFETY WARNING - IMPORTANT!**

While this product has been manufactured to stringent safety standards, your urgent attention is drawn to the following guidelines when using this electric propagator. *Remember water and electricity do not mix. Never submerge this unit in water. Remove trays from heated base prior to watering. The supply cord cannot be replaced. If the cord is damaged, the appliance should be scrapped.*

### **FIRST STEPS IN PROPAGATION**

The three ingredients to achieve successful propagation from seed or from cuttings are simple - heat, light and water. The heated base and crystal clear covers in this unit will help to give you the right heat and light conditions. It is critical that you keep the compost moist at all times - this requires daily monitoring!

Good preparation is critical to achieve successful propagation. The ideal compost temperature should be between 18 and 22 degrees Celsius. You can easily check the compost temperature by using a soil thermometer - available at all good garden centres. Remember the heated base of this electric propagator is designed to boost the compost temperature, so be sure to measure the compost temperature, not the air temperature. Ensure that the compost is warmed to a constant temperature before sowing or planting. When sowing a variety of seeds, we recommend that you label each tray, as young seedlings can be difficult to identify.

Remember that this unit will not control the compost temperature automatically. The electric base will generate a permanent heat which will increase the ambient temperature of the compost by an average 8 degrees Celsius. For optimum results, it is therefore important to check the ambient temperature. If the ambient temperature is close to the ideal, do not switch the unit on. If you do, the compost will be additionally warmed by approximately 8 degrees Celsius. Even in Winter months, daytime temperatures can be unseasonably warm. On days like these, the best advice is to switch the unit off during the day and back on at night when temperatures usually drop sharply.

Hygiene should be uppermost in your mind, as many seedlings and cuttings are lost through disease. Keep your work area and equipment clean and ensure that old seed trays are sterilised thoroughly.

Our simple 10 Step Guide to seed and cutting propagation is detailed overleaf. Please note that although this constitutes accepted good practice, we would also refer you to the instructions as given by your seed supplier for optimal results.

## 10 EASY STEPS TO SEED PROPAGATION

1. Fill each seed tray to the brim with a quality seed compost and dampen using a fine spray.
2. Firm down the compost gently before sowing, using a flat based tool.
3. Sow the seeds carefully between finger & thumb rather than sprinkle straight from the packet.
4. Cover the seeds with a depth of finely sieved compost equivalent to the thickness of the seeds. Note this is not necessary with fine seeds such as begonias.
5. Water well using a fine spray but do not soak and cover with clear lid.
6. Position the propagator in an area with plenty of light but avoid strong sunshine which can damage young seedlings.
7. When the seedlings appear, you should decrease the humidity within the propagator by gradually opening the ventilator(s) on the cover(s). Once the humidity levels have dropped, you can remove the covers altogether.
8. Do not be afraid to 'prick out' the seedlings with a dibber if they are crowded together. Crowding can cause oxygen and light starvation and you will achieve better results by selecting the healthier seedlings.
9. When the seedlings are large enough to be handled, they should be transplanted into pots or trays, to allow them greater space to develop. Be careful only to handle young seedlings by the leaves.
10. The young plants will then need a further 'hardening off' period indoors prior to planting outside. Remember young plants are very susceptible to frost, so watch the weather!

## 10 EASY STEPS TO ROOTING CUTTINGS

1. Fill each seed tray to the brim with a quality cutting compost and dampen using a fine spray.
2. When selecting cuttings, choose non-flowering, fast growing shoots, approximately 3 inches long.
3. Using a knife, trim the stem carefully just below the leaf node.
4. Remove all leaves from the cutting, except three to four at the tip of the shoot.
5. Dip the cut end into hormone cutting powder (available at all good garden centres) and tap off the excess. This will help to increase the chances of successful rooting.
6. Insert the cutting into the compost to a depth of approximately one and half inches and firm the compost down gently.
7. Water well using a fine spray and cover with the clear lid, ensuring that the ventilator is closed in order to generate the required humidity.
8. When signs of active growth appear, gradually open the ventilator(s) to reduce the humidity levels before removing the top completely. Be patient! Most cuttings will root in time.
9. Once the cuttings have rooted successfully, you will need to pot them on individually to give them greater room to develop.
10. The young plants will then need a further 'hardening off' period indoors prior to planting outside. Remember young plants are very susceptible to frost, so watch the weather!

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# Guarantee

**Please retain this form for your own records.**

SERIAL No.: **G51** PRODUCT: .....

WHERE PURCHASED: .....

DATE PURCHASED: ..... DATE RETURNED: .....

Garland Products Ltd guarantee this electric heated propagator base only against defects due to faulty materials or manufacture for a period of 12 months from date of purchase.

Accordingly Garland Products undertakes to exchange or repair free of charge this electric heated base provided that:

1. It has been used in accordance with the operating instructions
2. It is returned to us within 12 months from date of purchase.
3. It has only been connected to a suitable electric supply.
4. It has not been repaired or modified in any way.
5. It has not been misused, neglected or damaged.

In the event of a complaint or fault, please first contact our Customer Care Department - Telephone 01384 278256. You should then return the heated base in its original packaging, where possible, with the original purchase receipt and completed Customer Return Form to:

Customer Care Dept, Garland Products Ltd, First Avenue, The Pensnett Estate, Kingswinford, West Midlands DY6 7TZ

***Please note that nothing contained in this document will affect your statutory rights as a customer.***

### CUSTOMER RETURN FORM

SERIAL No.: **G51** PRODUCT: .....

WHERE PURCHASED: .....

DATE PURCHASED: ..... PRICE PAID: .....

DESCRIPTION OF FAULT: .....

NAME: ..... ADDRESS: .....

POST CODE: ..... Tel No.: .....

