



The Number One For Organic Growing

## How to strike cuttings with Eazy Plug®

### Step 1

Fully moisten the Eazy Plugs by allowing them to suck up water (pH 5.8). Let the plugs drain out excess water. Do not squeeze out or dry the plugs, the Eazy Plug is self-regulating and will hold the water it needs for an optimum moisture level and an optimum air-to-water ratio.

Note: The plug will feel much heavier and wetter than Rockwool, but that's normal.

### Step 2

Cut diagonally with a clean sharp knife (scalpel) just below a node or stem swelling. Make sure that at least 3 nodes remain above the intersection. Remove all but a couple of leaves or cut off  $\frac{1}{3}$  of the larger leaves.

### Step 3

If you want to make use of a rooting powder (for example Rhizopon), dip the base of your cutting into the rooting powder.

### Step 4

Insert the cutting into the Eazy Plug cutting hole. Make sure to insert it deeply enough, completely to the bottom of the cutting hole.

### Step 5

Put the tray with Eazy Plug into a propagator/dome, close the lid of the propagator/dome and any present air vent. Closing the lid and air vents will keep the moisture inside the system. Do not re-moisten the plugs within the first 3 days, only open the lid or air vents briefly each day for fresh oxygen. To raise humidity you can spray little water on

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the inside of the lid with each opening. Most cuttings need a temperature of +/- 22° Celsius (71° Fahrenheit).

### **Step 6**

Make sure the tray with Eazy plug is able to fully drain off excess water at all times, so the Eazy Plug can always self-regulate to the correct amount of moisture.

Note: Never let the bottom of the Eazy Plug touch water, as the moisture absorption of Eazy Plug is exceptionally good and it will quickly become too wet, which will have a negative effect on the rate of success.

### **Step 7**

After 3-4 days, open the air vents slightly, but keep the humidity level at 80-90%. Re-moistening the plugs should only be necessary once every 3 days when humidity is right.

Note: Loss of moisture caused by an open lid or air vent can cause rapid dehydration, which can seriously effect your success rate.

### **Step 8**

After the first appearance of roots, you can open the air vents further in order to acclimate the cutting to a less humid environment.

### **Step 9**

When the cutting has grown serious roots, you can fully open the lid of the propagator or move the plug with cutting into another growing environment.



### **Striking conditions:**

1. Temperature. The optimum soil temperature for striking roots is 20-22 degrees Celsius (71° Fahrenheit). Higher temperatures can lead to failure rates.
2. RH (humidity). RH of 80-90% is perfect. As the cutting needs its energy for striking roots, the water level of the leaves and stem should remain intact.
3. Light. In the first few days the cutting will form callus, from which the roots will start to grow. In this phase the cutting only needs tempered light with a broad spectrum (regular assimilation light). After the development of roots the amount of light can be gradually increased.

### **Eazy plug is self-regulating:**

Eazy Plug has a neutral pH level of 5.8-6.0 and this pH level is buffered. Small deviations can be corrected by the plug. The Eazy Plug also gets a basic fertilizer with it, which is good for the first 2-3 weeks. The plug has a pre-determined optimal air-to-water ratio. When the Eazy Plug is able to drain out excess water, it will hold the optimum amount of water by itself. Dry cultivation is no problem, the remaining moisture will be evenly divided throughout its material and the Eazy Plug always takes water back up easily.