

Product sheet – Chrysal Aquastick

General

- Chrysal Aquastick is an innovative watering system that transfers water naturally from a reservoir in the cover pot to the potted plant.
- It is effective on all plants with the exception of cactus and succulents.
- Enables potted plants to regulate their own water supply and ensures they stay hydrated at all times.
- The water reservoir in the potted plant contains on average 1 to 3 weeks of water, depending on the size of the reservoir and how thirsty the plant is.
- Aquastick is a durable, long lasting product which remains effective at the consumer.
- Available in different thicknesses and lengths (see table on page 2).
- Easy to use and apply.



Effects

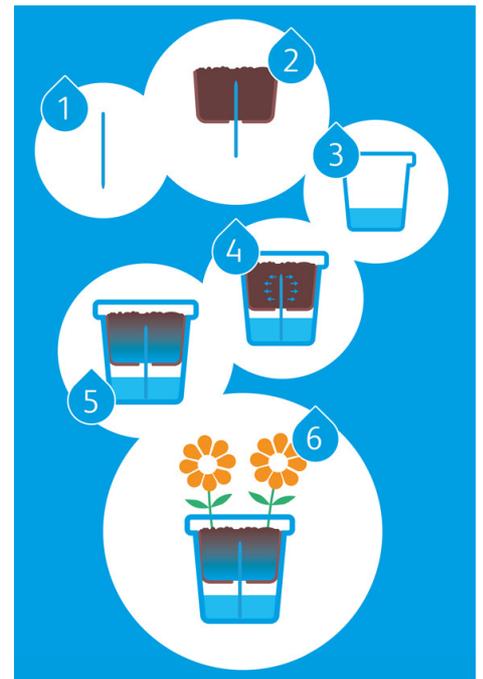
- Ensures healthier plants, better growth and longer lasting freshness.
- Water uptake is determined naturally by the conditions, driving the required amount of water up to the plant.
- Reduced frequency of watering whilst on display in-store and at the consumer.
- Increases sales; improved shelf presentation by fresh looking plants.
- Reduces plant waste in the total supply chain.
- Can also be used to facilitate a longer logistic chain or for product to be produced in advance.

Applications

- To be used by plant growers, packers and retailers.

Instructions for use

1. Take the Aquastick from its package.
2. Insert the Aquastick in one of the holes of the grower pot. We advise to insert the Aquastick up through the middle of the pot until it reaches half way.
3. Fill the reservoir of the outer pot with water, but make sure that the grower pot will not be in contact with the water.
4. Place the plant with the Aquastick in the outer pot.
5. For optimal use, the Aquastick should always be in contact with the bottom of the outer pot.
6. Enjoy a longer healthier and fresher plant!



Recommendations

- Standard Chrysal Aquasticks will be available in the 6 following sizes:

Pot size diameter (indicative)	Stick length		
	Stick diameter 2 mm	Stick diameter 3 mm	Stick diameter 3.5 mm with point
6 cm	6 cm	-	-
9 cm	9 cm	-	-
12 cm	12 cm	12 cm	12 cm
15 cm	-	15 cm	-

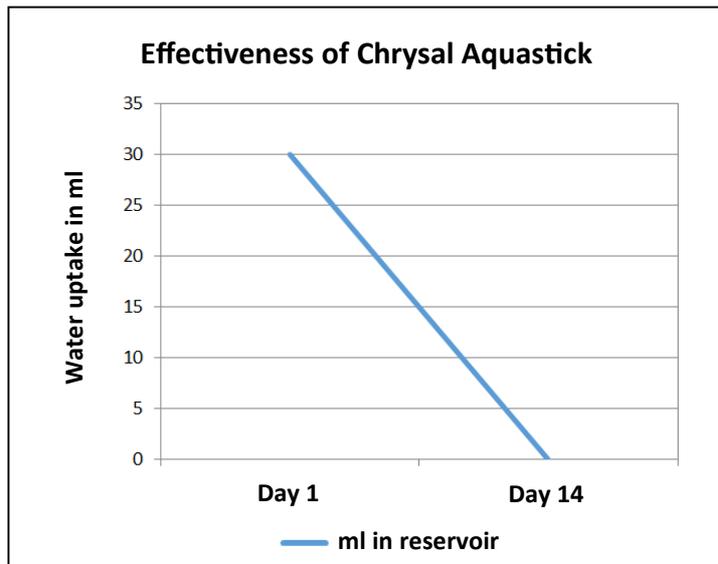
- In general (although depending on the size of grower and outer pot) a stick with the same length as the diameter of pot should reach far enough into the soil whilst still being in contact with the bottom of the outer pot.
- We advise to use the thick 3 mm stick for large plants (> ø 12 cm pot) and plants that are sensitive to wilting. Use more than one Aquastick for pots larger than size ø 17 cm.
- The 3.5 mm thick stick has a pointed end which is perfect for plants in bark such as Phalaenopsis. It is important that the stick reaches into the original growing plug to ensure good contact with the growing medium. However, mini orchids (6 cm) are grown in sphagnum and thus a 2 mm thick, 6 cm long Aquastick works well on these plants.
- Length of a stick does not influence the effectiveness, i.e. a 15 cm stick transfers the same amount of water as a 6 cm stick with the same thickness.
- Can be combined with an Aqua Pad to avoid free water.
- Store under dry conditions.
- The Aquastick has an unlimited shelf life.
- Used Aquasticks can be discarded with other household waste.

Chrysal Aquastick is particularly effective on the following plants which are sensitive to wilting i.e.:

Azalea	Cyclamen	Impatiens
Anthurium	Euphorbia Pulcherrima	Lavandula
Bougainvillea	Gerbera	Phalaenopsis
Calathea	Hebe	Primula Obconica
Campanula	Helianthus	Rosa
Celosia	Herbs	Senecio Senetti
Chrysanthemum	Hibiscus	Spatiphyllum
Curcuma	Hydrangea	

Test results

- Results showed that Chrysal Aquastick was effective in transferring water from the reservoir to the plant; 100 % water uptake after 14 days.
- Evaporation of these mini Phalaenopsis was 2-3 ml per day.
- A 30 ml reservoir is enough water up to 2 weeks in this case (mini Phalaenopsis).
- Plants treated with Chrysal Aquastick showed no root damage.



Shelf life Phalaenopsis



Treatment: on the left – with Chrysal Aquastick
on the right – control

Photo taken: day 35