

Product sheet – Chrysal Aqua Sub

General

- Chrysal Aqua Sub is a gel which provides an extra water buffer for potted plants.
- Effective on a wide range of potted plants with the exception of cactus and succulents.
- No free water after application, Aqua Sub will be fully absorbed in the substrate.
- Aqua Sub gives no residue or phytotoxicity.
- Aqua Sub becomes liquid under pressure which makes it easy to apply.
 - ◊ Fast flow rate - almost as quick as water!
- Available in Europe in 1020 litre packaging, ready-to-use.

Effects

- Increases sales; improved shelf presentation due to healthy looking plants.
- Aqua Sub gives several extra days of shelf life.
- Reduces plant waste in the total supply chain.
- Can also be used to facilitate a longer logistic chain or for plants to be packed in advance.

Applications

- Chrysal Aqua Sub needs to be injected into the substrate, where it will be fully absorbed.
- Dosage: the amount of Aqua Sub you can apply depends on crop, substrate, moisture of the soil. As an indication a 12 cm pot needs 50 – 100 ml Aqua Sub.

Pot size (cm)	Gel volume (ml)
9	±40
10.5	±50
12	±100
13	±100
15	±125
17	±150
19	±200
21	±200

- The Aqua Sub can be applied manually with an adjusted spray pistol or syringe.
- Automatic injection is also possible.
- To be used by plant growers and packers.
- To be used during transport and/or at retail level.
- For more information on application techniques contact your local technical consultant.

Recommendations

- Store in frost-free conditions, between 10°C and 30°C.
- Shelf life: 9 months, stored under the right conditions.

Disposal

- After application the Aqua Sub will be consumed by the substrate of the plant. Plant can be discarded as normal.
- Treat excess of Aqua Sub as normal household waste.
- If large quantities of Aqua Sub (> 1 L) are flushed through the sink there could be a risk of clogging.

Test results

Tests showed that Chrysal Aqua Sub delays the first sign of wilting by 2 days which allows for a longer sales period.

Evaporation of these potted Rose (Ø 12cm) was 40 – 50 ml per day when 65 – 70 grams of Aqua Sub was injected.

Plants treated with Chrysal Aqua Sub showed no root damage or phytotoxicity.

Shelf life potted Rose



Control
Photo taken: day 11



Chrysal Aqua Sub
Photo taken: day 11

Chrysal Aqua sub is particularly effective on plants which are sensitive to wilting. To date, Aqua Sub has been tested on the following plants:

Celosia
Cyclamen
Hydrangea
Phalaenopsis
Rosa
Spathiphyllum