

## Product sheet – Chrysal 99% Bio Based Universal Recyclable Paper powder sachet

The growing challenge of plastic in the environment means it is more urgent than ever to find solutions to reduce, reuse and recycle. We want to be the most sustainable partner in the flower industry. Reducing flower wastage, water use and packaging materials thus integrating sustainability in our strategy. Chrysal's Paper powder sachet contributes to a circular economy.

### General

- Sachet made out of Paper material that can be recycled.
- The sachets can be thrown away in the paper bin (check your local waste service program for regional information)
- When thrown away and processed correctly, the paper sachet will contribute to a circular economy.
- Contains Chrysal's 99% Bio Based flower food for maximum flower freshness.
- Increases vase life up to 60% compared to water alone.
- For the complete development of all cut flowers.
- Supplies all the necessary nutrients to all arrangements, either as straight line or as mixed flower varieties.
- Available in sachets for 0.5L and 1L of solution. Also available in private label for 0.5L and 1L of solution, all formulas, loose sachets.



### Recyclable Paper sachet

- Made from TCF pulp. (TCF = Totally Chlorine Free)
- Plastic Free
- < 3.5% (w/w) non-paper
- Contains a water-based varnish coating
- 100% recyclable

### Effects flower food

- Contributes to a Bio Based economy.
- 99% Bio Based, coming from biological renewable resources, such as plants and reduces the use and reliance of fossil resources.
- Improves flower opening, colour and leaf quality.
- Vase life guarantee of over 7 days possible.
- Lowers the pH of the water.
- Dissolves clearly and without odour in water.



### Applications

- Suitable for all types of tap water.
- The paper sachet is not water proof. Therefore we recommend to place the sachet higher on the bunch so it is not under water.
- No need to change the water or to re-cut stems during the period in the vase.

### Benefits

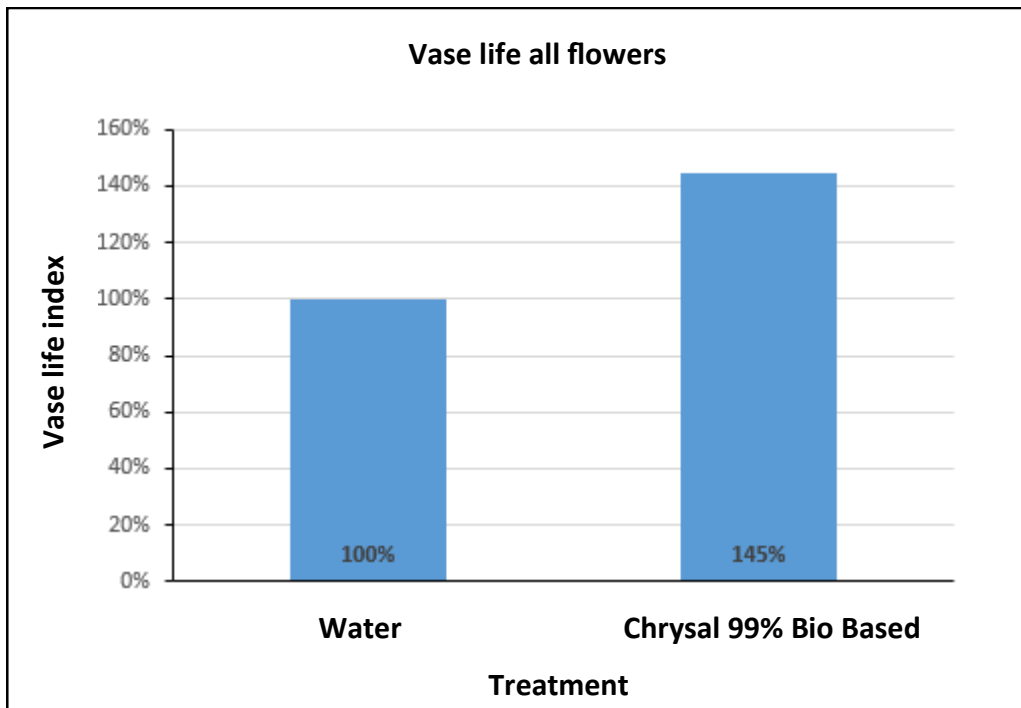
- Reduces plastic wastage.
- Reduces flower wastage.
- Reduces the number of possible consumer claims.
- Added quality value at low cost per stem.

### Recommendations

- Store under cool, dry and dark conditions, preferably between 5°C and 25°C.
- Shelf life: 18 months when stored under the right conditions.
- The pH of the ready to use solution: 3.5 – 5.5 depending on the alkalinity of the water.
- Dosage: Available in sachets for 0.5L and 1L of water.
- Do not use in unprotected metal vases (zinc, copper, iron) or (antique) crystal vases.
- If necessary top up vase with water containing Chrysal Supreme cut flower food.
- Residual solutions may be drained into the sewer system.

### Test Results

The following graph shows the effect of Chrysal 99% Bio Based Universal on the vase life of mixed flowers compared to water alone.





### Vase life mixed bouquet



Treatment: water  
Total vase life: 8 days  
Photo taken: day 9



Treatment: Chrysal 99% Bio Based  
Total vase life: 11 days  
Photo taken: day 9