



Chrysal Universal Bio-Based Recyclable Plastic Powder Sachet – Sustainable Freshness for All-Cut Flowers

Overview: Chrysal Universal Bio-Based Recyclable Plastic Powder Sachets deliver complete, bio-based nutrition specifically formulated to maximize the freshness and vase life of all cut flowers. Suitable for single or mixed flower arrangements, these sustainable sachets significantly enhance floral display quality and longevity.

Key Benefits:

- Extends vase life by up to 60% compared to plain water.
- Ensures vibrant flower colors, optimal flower opening, and robust leaf quality.
- Guarantees vase life exceeding 7 days under ideal conditions.
- Reduces water pH, supporting maximum freshness.
- Clear, odorless formulation for appealing presentation.
- Sachets made from 100% recyclable polypropylene (PP) plastic, contributing to a circular economy when disposed of correctly.

Convenient Application:

- Available in sachets for preparing 0.5 Liter (1 pint) or 1 Liter (1 quart) solutions.
- Sachets available loose or in continuous strings for easy bouquet attachment (manual or automatic).
- Eliminates the need to change vase water or re-cut flower stems throughout the vase life.

Cost Efficiency & Quality Assurance:

- Reduces flower waste by significantly prolonging freshness.
- Lowers customer complaints, improving overall customer satisfaction.
- Delivers premium quality at an affordable cost per stem.

Instructions for Use:

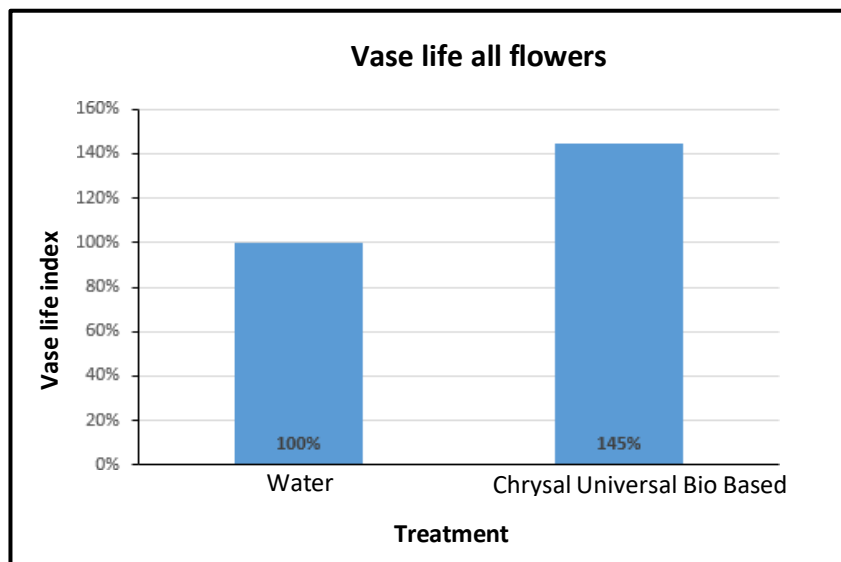
- **Dosage:** One sachet per 0.5 Liter (1 pint) or 1 Liter (1 quart) of tap water.
- **Storage:** Keep in cool, dry, and dark conditions (optimal temperature range 41°F and 77°F / 5°C to 25°C).
- **Shelf Life:** Up to 18 months when stored correctly.
- **Solution pH:** Ranges between 3.5 – 5.5 depending on water alkalinity.
- **Vase Compatibility:** Not recommended for use in unprotected metal vases (zinc, copper, iron) or antique crystal vases.
- **Maintenance:** If necessary, top up vase with additional water mixed with Chrysal Flower Food. Dispose of any residual solutions safely through sewer systems.





Test Results

The following graph shows the effect of Chrysal Universal Bio Based powder sachet 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 Universal Bio Based
Total vase life: 11 days
Photo taken: Day 9