

Chrysal BVB – *Post-Harvest Conditioning for Bulb Flowers*

Overview: Chrysal BVB is a specialized post-harvest treatment for bulb flowers including Tulipa, Iris, Alstroemeria, Lilium, Anemone, and Nerine. Designed for use by growers and bouquet makers, it improves flower and stem quality even after extended transport. The solution includes a tracer for monitoring accurate dosage.

Key Benefits:

- Promotes full bud opening and vibrant flower development.
- Maintains strong, green leaves and firm stems.
- Significantly extends vase life even after long shipping periods.
- Supports overall flower quality and freshness.

Convenient Application:

- Suitable for all types of water.
- Can be dosed manually or automatically.
- Used by growers supplying auctions and trade.
- Available in 1-liter bottles.

Cost Efficiency & Quality Assurance:

- Reduces flower wastage.
- Prolongs the distribution and sales window.
- Reusable for up to 1 day; prepare fresh solution daily.
- Best effects achieved when applied immediately after harvest.
- Still effective if used at the bouquet-making stage.



Usage Recommendations:

Dosage & Treatment Time:

Flower Type	Dosage	Treatment time (min-max)	Temperature (°C)
Tulipa, Iris, Nerine, Anemone	1-2 ml/L	8 - 48 hours / > 48 hours	0-5 °C / 32-41°F
Lilium, Alstroemeria	0.15 ml/L	As required	Room/cool temp

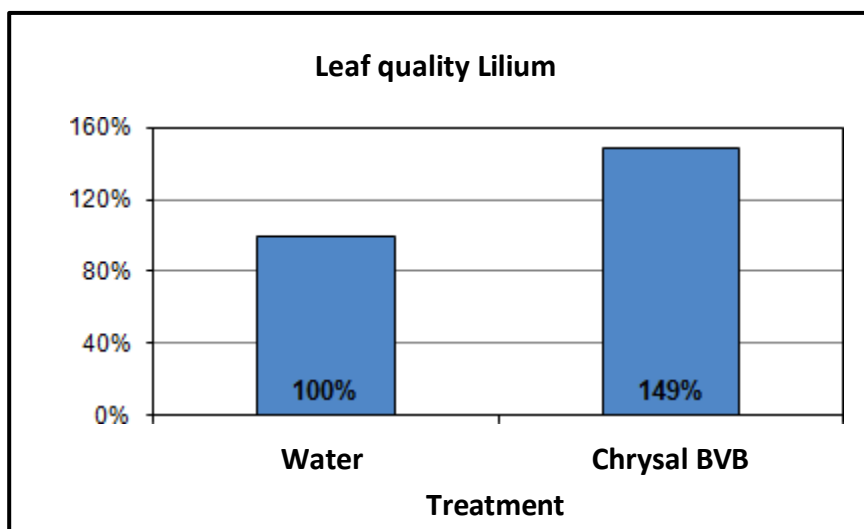
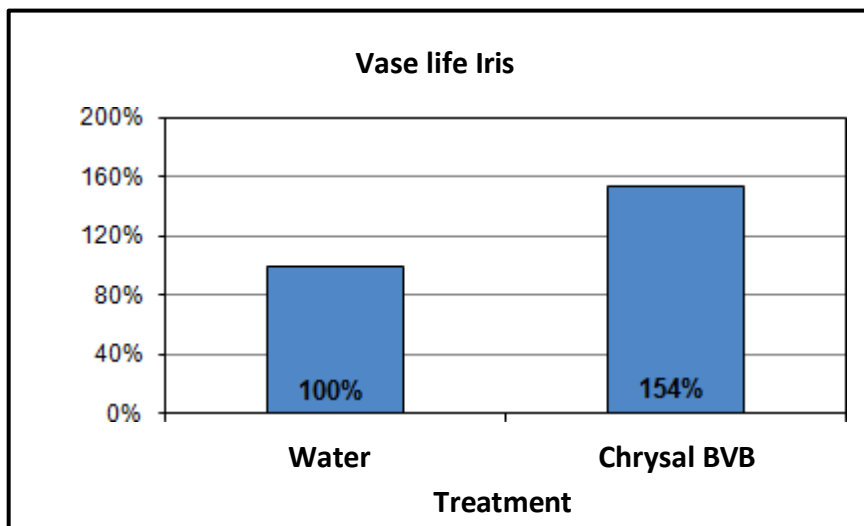
Best effects are gained when used immediately after harvesting, however still effective when first used at the bouquet maker.

- **Storage:** Store in cool, dark conditions (41°F – 77°F / 5°C – 25°C).
- **Shelf Life:** 24 months in sealed packaging and stored under the right conditions.
- **Solution pH:** Ranges between 6.0 and 7.5 for ready to use solution.
- **Solution Reuse:** Solution can be re-used several times up to 1 day. Use the solution immediately after preparation. Do not mix residual solutions with fresh solutions.
- **Disposal:** Residual solution may be safely drained into sewer systems.



Test Results

The following graphs shows the effects of Chrysal BVB on the vase life of Iris and leaf quality of Lilium compared to water alone.



Visual Observations:

Chrysal BVB-treated flowers showed improved bud development and leaf retention in Iris and Lilium compared to water-only treatments, even during extended storage and transport.



Post-harvest
treatment

Vase life Iris



Treatment: Water
Total vase life: 4 days
Photo taken: Day 5.



Treatment: Chrysal BVB
Total vase life: 6 days
Photo taken: Day 5.

Vase life Lilium



Treatment: Water / Chrysal Clear L&A during
consumer phase
Total vase life: 11 days
Photo taken: Day 10



Treatment: Chrysal BVB / Chrysal Clear L&A during
consumer phase
Total vase life: 12 days
Photo taken: Day 10

Chrysal BVB delivers exceptional performance for bulb flowers, ensuring stronger blooms, fresher leaves, and longer vase life from harvest to consumer.