

# Specific Crop Treatments

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## ***Lisianthus***



*Lisianthus*, Prairie Gentian, *Eustoma*

Family: *Gentianaceae*

Species: *Eustoma Grandiflorum*

Origin: N. Mexico, Japan, North America

### ***Grower Recommendations***

Harvest when at least 2 flowers are open. There is literature that suggests the use of an anti-ethylene product such as EthylBloc®. After cutting, place flower stems in a solution of Hydraflor/100 for 1 hour (or up to overnight at 34-38F). Transfer stems to a solution of one of Floralife Professional formulas for storage. Please contact Floralife for specifics.

### ***Wholesaler/Retailer Recommendations***

#### ***Buying Tips:***

- Ask: Has product been pretreated with an anti-ethylene product, such as EthylBloc®? What is the source of the product? What is the cultivar name? Has the product been stored dry or wet?
- Do not buy flowers that have leaf yellowing.
- Buy flowers that have 1-3 blooms open.

#### ***Processing:***

Remove foliage below water level. Recut stems.

#### ***Pretreatment:***

If already treated with an anti-ethylene product, such as EthylBloc®, you can use Hydraflor/100 pretreatment for 1/2 hour - 1 hour at room temperature, depending on variety. Hydraflor/100 encourages water uptake and ensures proper hydration, so lisianthus quickly become firm and stems remain free flowing. This is especially important for very dehydrated lisianthus. Alternatively, treat with Floralife Quick Dip® under normal conditions. This one second dip helps to increase water uptake for all flowers. Using one of Floralife's hydration pretreatments can help prevent dehydration of lisianthus.

#### ***Holding Solution:***

Use Fresh Flower Food at recommended rate: Use Floralife® Crystal Clear™, Floralife® Professional or Clear Professional, or depending on water test results, Floralife® Original, Special Blend Hard Water®, or Special Blend Pure Water®.

*To have water tested, send a plastic quart bottle of your water to:  
Floralife, Inc., 751 Thunderbolt Drive, Walterboro, SC 29488, Attn: Laboratory.*

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## ***Lisianthus*** (continued)

Hold flowers at room temperature for 1-2 hours (2-4 hours if flowers are limp or exhibiting bent neck) prior to storage in cooler or designing. As a finishing touch to any floral design, spray Floralife FloralMist® over entire project.

### ***Storage:***

Place lisianthus in a 34-38°F cooler with 80-90% humidity.

### ***Cleaning:***

Use Floralife Formula D.C.D.™ to clean buckets, vases, coolers, etc. D.C.D. is specifically formulated to kill microbes over an extended period.

### ***Customer Satisfaction:***

Always give a packet of a Floralife Brand Fresh Flower Food with every sale. Five gram packets treat one pint of water. Ten gram packets treat one quart of water.

### ***Troubleshooting:***

#### ***Problem:***

#### ***Reason/Solution:***

Buds fail to open

Product may have been stored too long, improperly kept out of solution for an extended period or exposed to ethylene. Make sure an anti-ethylene pretreatment is used; check on storage conditions; make sure a Floralife Fresh Flower Food is used.

Flower fading

Make sure that a Floralife® Fresh Flower Food is being used correctly. Using flower food enhances the flower color. Low intensity light may also fade colors.