

Specific Crop Treatments

Alstroemeria



Alstroemeria, Peruvian Lily

Family: *Amaryllidaceae*

Species: *Alstroemeria*

Origin: South America

Grower Recommendations

Alstroemeria are ethylene sensitive. They benefit from an anti-ethylene treatment such as EthylBloc®. To protect flowers from ethylene damage, treat them as soon as possible after harvest. Place flowers into a holding solution of a properly mixed Floralife® Brand Fresh Flower Food or they can be dry stored or shipped.

Wholesaler/Retailer Recommendations

Buying Tips:

- Ask: Has product been pretreated with an anti-ethylene product? 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 the alstroemeria have not been treated with an anti-ethylene product, treat them as soon as possible. Or if alstroemeria have been treated with an anti-ethylene product, use one of Floralife's Fresh Flower Foods (see *Holding Solution*) to promote water uptake and hydration. This treatment will help increase bud opening, decrease flower wilting and Fresh Flower Food keeps flower stems free flowing.

Holding Solution:

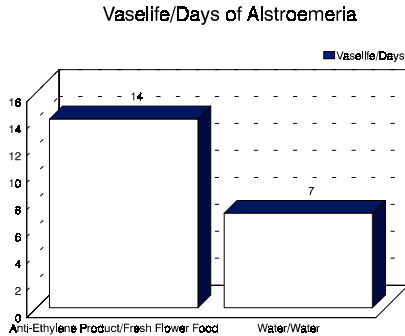
Use Fresh Flower Food at recommended rate: Use Floralife® Crystal Clear™, Floralife® Professional or Clear Professional, or depending in water test results, Floralife® Original, Special Blend Hard Water®, or Special Blend Pure Water®.

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

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Alstroemeria (continued)

Water vs. Anti-Ethylene Product/Fresh Flower Food



Storage:

Place alstroemeria 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:

Yellowing foliage

Can be due to variety selection, grower practice or improper storage. Grow or purchase those that do not turn yellow as easily. May be due to ethylene exposure. Treat with an anti-ethylene product, such as EthylBloc®.

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.

Abscission (*flower fall*), translucent flowers and petals

Make sure an anti-ethylene pretreatment is performed and that one of Floralife's Fresh Flower Foods is used. Change varieties if problem continues.

Do not know if flowers were treated with an anti-ethylene product and/or treated properly

Use the "Apple Test" to check for proper anti-ethylene treatment.