Floralife
The Care and Handling Experts®

Research Update

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EthylBloc™ Technology Truck Treatment

EthylBloc™ Sachet

Potted Lilies and EthylBloc™ Technology: A Perfect Match!

Background

Many species of potted plants have been successfully treated with EthylBloc™ Technology. Potted lilies are no exception. Protection from ethylene can mean less bloom drop, healthier foliage and a reduction in costly shrink.

Research

Ivory

The researchers at Floralife, Inc. treated potted 'Ivory' lilies with EthylBloc™ Technology and exposed the plants to 1 ppm ethylene for 24 hours. The photo below shows the treatment results.

Mona Lisa

The researchers at U.C. Davis treated potted 'Mona Lisa' lilies with EthylBloc™ Technology and exposed the plants to 2 ppm ethylene for 3 days. The untreated plants suffered flower and bud fall, leaf loss and leaf yellowing caused by ethylene.

24 Hours

Control *EthylBloc™ Technology*

3 Days

Control *EthylBloc™ Technology*

Conclusion

Both treated potted lilies exhibited an increase in shelf life. After 24 and 72 hours respectively, the untreated lilies were not saleable. Potted lilies do benefit from an EthylBloc™ Technology treatment!

Literature Cited:
Reid, Michael S., et al. A breakthrough in ethylene protection. *Grower Talks,* April 1999.

EthylBloc is a registered trademark of the Dow AgroSciences Company. Not for use on food or food crops.

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