



EthylBloc™ Technology
Truck Treatment



EthylBloc™ Sachet

Efficacy of EthylBloc™ Technology in Cut Flowers

Background

Ethylene damage is a major postharvest problem in the floriculture industry. The symptoms of ethylene damage vary depending on the crop. Common symptoms are bloom drop (abscission), petal transparency, bloom wilting (senescence) and leaf yellowing. Plants respond to ethylene from external sources (e.g. propane heaters, engine exhaust, gas-powered forklifts, and smoke) as well as ethylene generated by them (internal ethylene). The shelf life of many cut flowers, bedding plants and potted plants can be severely reduced by the exposure to ethylene.

Research

EthylBloc™ Technology is an EPA-registered ethylene action inhibitor that protects plants from both external and internal ethylene. The following photographs illustrate the protective effects of EthylBloc™ Technology treatments on ethylene damage in cut flowers observed in experiments conducted at Floralife, Inc. R & D Laboratory. All plants were exposed to ethylene after EthylBloc™ Technology treatment.



- EthylBloc™ Technology + EthylBloc™ Technology
Carnations



- EthylBloc™ Technology + EthylBloc™ Technology
'Leonidas' and 'White Majolica' Roses



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'Leonidas' and 'White Majolica' Roses

Conclusion

EthylBloc™ Technology protects flowers and leaves from ethylene-induced damage in many cut flower crops.

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