



EthylBloc™ Technology
Truck Treatment



EthylBloc™ Sachet

ETHYLENE: The Bloom Buster

Background

Florists and supermarkets can experience substantial flower and financial losses as a result of ethylene damage. Ethylene damage causes bloom abscission, floret death and epinasty (wilted foliage). Ethylene sensitive postharvest horticulture crops usually do not survive when exposed to high amounts of ethylene.

Experiment

Potted crops were obtained from a local nursery. Half of the crops were treated with EthylBloc™ Technology and the other half remained untreated (according to label directions - 0.015 g EthylBloc™ Technology powder per one cubic foot of treatment area). All crops were exposed to 267 ppb ethylene (measured using gas chromatography) for 24 hours. Experimental photographs are shown below.



Control - Untreated

Treated - EthylBloc™ Technology

'Biloxi Blue' Verbena

Day 2



Control - Untreated

Treated - EthylBloc™ Technology

'Fiesta Ole Peppermint' Double Rose Impatiens

Day 2

Conclusion

Bloom abscission was greatly reduced when 'Biloxi Blue' Verbena and 'Fiesta Ole Peppermint' double rose Impatiens were treated with EthylBloc™ Technology.

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