



EthylBloc™ Technology
Truck Treatment



EthylBloc™ Sachet

EthylBloc™ Technology Efficacy Results on Spring Potted Plants

Background

The Floralife Research and Development team has been testing EthylBloc™ Technology on several spring potted plants. The plants were treated for 4 hours at room temperature with EthylBloc™ Technology and then overnight with an average of 1 ppm ethylene. Crops tested include: cyclamen, geranium, New Guinea impatiens and kalanchoe. (1 ppm is a similar level that ethylene would be in a supermarket.)

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 EthylBloc™ Technology
'New Guinea' Impatiens



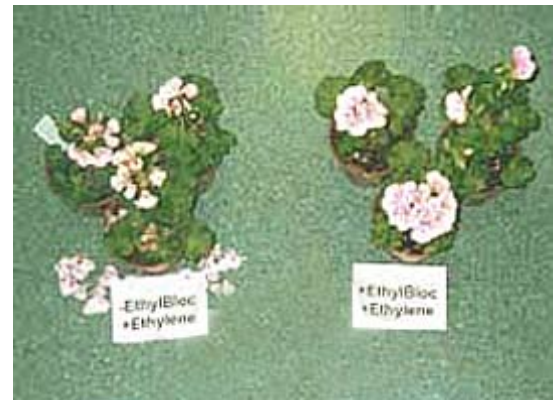
- EthylBloc™ Technology + Ethylene + EthylBloc™ Technology + Ethylene
'Empress' Kalanchoe

4 h EthylBloc™ Technology, 3 days Ethylene: Day 1



- EthylBloc™ Technology + Ethylene + EthylBloc™ Technology + Ethylene
Cyclamen

4 h EthylBloc™ Technology, 3 days Ethylene: Day 5



- EthylBloc™ Technology + Ethylene + EthylBloc™ Technology + Ethylene

'Light Pink Splash' Geranium
4 h EthylBloc™ Technology, RT, 3 days Ethylene, RT: Day 1

Conclusion

EthylBloc™ Technology protects the blooms from premature death caused by ethylene.

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