



EthylBloc™ Technology Truck Treatment



EthylBloc™ Sachet

EthylBloc™ Technology Efficacy Results - Roses

Overview

It has been known for years that many roses are ethylene sensitive. These symptoms are exaggerated when put under the stress of mass market condition. Ethylene symptoms vary between varieties and often appear not attributable to ethylene. For example, when 'Aalsmeer Gold' is exposed to ethylene, the symptoms appear to be hydration problems (ex: bent neck). Other varieties exhibit ethylene symptoms such as: deformed opening, failure to open and dehydration of foliage.



Control - Untreated Treated - EthylBloc™ Technology
'Aalsmeer Gold' and 'Diplomat'



Control - Untreated Treated - EthylBloc™ Technology
'Laguna' Roses

Flower	Shelf Life (days) (untreated)	Shelf Life (days) +EthylBloc™ Technology	% increase per untreated	Comments
Roses				In general, roses treated with EthylBloc™ Technology will open properly and the leaves will remain fresh longer.
'Laguna'	7.6	9.8	+29%	
'Blue Bird'	(did not open properly)	(opened properly)		
'Diplomat'	(went straight to bent neck)	(opened properly)		
'Star 2000'	8	10	+25%	
'Virginia'	8.7	10	+15%	
'First Red'	3	12.1	+303%	
'Aalsmeer Gold'	(did not open properly)	(opened properly)		

Conclusion

EthylBloc™ Technology inhibits the negative effects of ethylene on roses.

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