

Ethylene Management Services



- Environmental monitoring
- Ethylene management
- Independent validation

Ethylene Management Services



Ethylene management is key to ensuring quality is maintained at its best and waste is reduced throughout the supply chain. Greenbean offers a range of ethylene measurement and management services for the Fresh Produce Industry delivering:

- Environmental monitoring
- Ethylene management
- Independent validation of ethylene removal technologies

Well equipped Laboratories



Environmental monitoring

- We have a simple, practical, low-cost method for ethylene monitoring in packhouses, ripening rooms, cold stores and shipping containers.
- Sampling can be undertaken by Greenbean or yourselves as part of a bespoke survey of your operations with a view to identifying hotspots.
- We provide all materials, equipment and instruction on gas sampling.
- We use a gas chromatography technique to accurately measure ethylene to the parts per billion (ppb) level.
- We provide a short technical report identifying any readings of concern, interpreting and offering advice on possible solutions.

Ethylene management

- We provide independent advice on ethylene management in ripening rooms, packhouse facilities, shipping and packaging.
- We monitor and assess new developments in ethylene technologies in order to provide advice on what will suit your needs best.



Independent validation of ethylene removal technologies

- We have developed a range of bespoke testing systems for evaluating the ethylene removal capacity of a range of materials and technologies.
- We can test your materials/products under controlled environmental conditions.
- We can provide inputs at all stages of NPD.
- We offer independent trials to determine the impact of ethylene removal technologies on produce quality, storage life and wastage. We can simulate the supply chain at our facilities (including shelf-life rooms).

Technical Expertise



TECHNICAL SERVICES

Please contact us to discuss how we can help your company with any of our services.



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