



## Rio Queen Citrus Now Using AiroCide PPT Air Sanitation Technology

### FreshPlaza: Global Fresh Produce and Banana News

KES Science and Technology, Inc. is proud to announce that Rio Queen Citrus of Mission Texas will now be utilizing the NASA-developed AiroCide PPT air sanitation technology in their new facility.

For over 35-years now, Rio Queen Citrus, Inc. has been growing, packing and marketing citrus. This third generation, family owned business has grown into one of the leading shippers of citrus and produce in South Texas with wholesale trade business spreading across the U.S. and Europe. Their commitment to quality and exceptional service to each and every customer is not only a guarantee but also a proud tradition. They ensure only the highest standards through their programs and procedures in food safety, audits in Good Manufacturing Practices (GMP) along with Eurepgap certification.

Over the years, Rio Queen Citrus has grown from a 20-acre citrus grove in Mission, Texas to the present day management of over 5,000 acres of citrus across the Rio Grande Valley. Along with their tree-ripened citrus including Texas Rio Star®, Texas Navel Oranges and other fresh citrus varieties, they also market a select group of fresh produce including winter onions, sweet honeydew melons and tomatoes. For additional information, go to [www.rioqueencitrus.com](http://www.rioqueencitrus.com) or email to [sales@rioqueencitrus.com](mailto:sales@rioqueencitrus.com) or call 956-205-7300.



Airborne cross-contamination poses a threat to food safety, however the chemical-free (no ozone) AiroCide system, will provide added protection to enhance quality assurance in any perishable environment. Minimizing the potential for airborne contamination is an important component of an effective food safety program, as this can minimize the potential incidence of product contamination by harmful pathogens. Minimization of airborne microorganisms will result in an extension of product shelf life and maintaining quality while reducing spoilage.

The AiroCide technology is not a filter and compliments results of filtration systems like HEPA/MERV. The patented technology, integrated with Photocatalytic Oxidation (PCO), work in unison to destroy harmful airborne microbes and dismantle volatile organic compounds (VOC) like ethylene gas. Clinical studies show a six-log kill rate for microbials and up to 99% removal for VOC's. The AiroCide technology is a FDA listed class II medical device that is also used in health care settings. The "plug and play" technology is also energy efficient, as it was originally designed for the NASA space station program to successfully conduct astroculture experiments that required air free of mold spores and ethylene gas.

The AiroCide PPT system is recognized globally as an established proven solution against airborne contaminants. Applications stretch across a variety of industries, including; Perishables, Food Processing, Beverage, Supermarkets, Floral, Analytical Laboratories, US Military, Transportation and Medical Health Care to mention a few. For more information, please visit [www.KesScience.com](http://www.KesScience.com) or, [www.airocide.com](http://www.airocide.com) or contact Jimmy Lee (VP Sales & Marketing) [jlee@KesScience.com](mailto:jlee@KesScience.com)