



Monitor your greenhouse 24/7 to maximize crop yield and minimize risks...

Phalaenopsis (orchids) are susceptible to ethylene; symptoms are bud dehydration and drop. Lasting damage occurs with an exposure to only 11 ppb (parts-per-billion) ethylene during 8 hours. Greenhouses are heated by gas-heaters, the exhaust gasses are send into the greenhouse, as the CO2 is beneficial to the plant growth. This is in fact a risk, when the gas-heaters are burning at a lower than 100% efficiency, a by-product is ethylene. Next to this the plants themselves emit ethylene when under duress. Growers counter this by the preventive use of chemicals. Apart from the environmental concern of these ethylene busters the additional costs can be substantial.

Wouldn't it be great? To constantly monitor the ethylene concentration in the greenhouse to save on the use of chemicals.



