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With Smart Technology, Everyday Can be World Environment Day

Terms:

Since the first "World Environment Day" [1] (WED) celebration in 1974, June 5th has become a day in which citizens across the globe share a single, common goal: positive environmental action. Each year, organizations and individuals alike participate in a plethora of events from local neighborhood clean-ups to massive reforestation projects. For Avnet, environmental stewardship is at the core of what we do and how we do it. As an organization, Avnet adheres to a comprehensive Global Environmental Policy [2]. Avnet operates 19 ISO 14001-registered facilities that monitor electricity, gas, and water consumption; we participate in landfill diversion programs and operate LED lighting and solar panels. At the same time, the technologies we represent every day play a vital role in supporting this year's WED theme: "Connecting people to nature."

For example, sensors available through Avnet are being used by farmers for "smart" irrigation systems to reduce water use by automatically adjusting sprinkler schedules according to weather conditions. Avnet's IoT Greenhouse [3], recently featured at the LIGHTFAIR International trade show in Philadelphia, uses LED sensors to detect the right wavelength for plant growth. The LED light adjusted to a specific wavelength and color can keep a plant in a vegetative state for longer periods, yielding a better crop. The use of IoT systems in horticulture can produce a system that uses 75 percent less energy and 90 percent less water.

For more information on the ways Avnet supports technologies that help connect people with nature, click here. [4]Click here [5]to read Avnet's 2016 DFGE Carbon Footprint Report.

Multimedia

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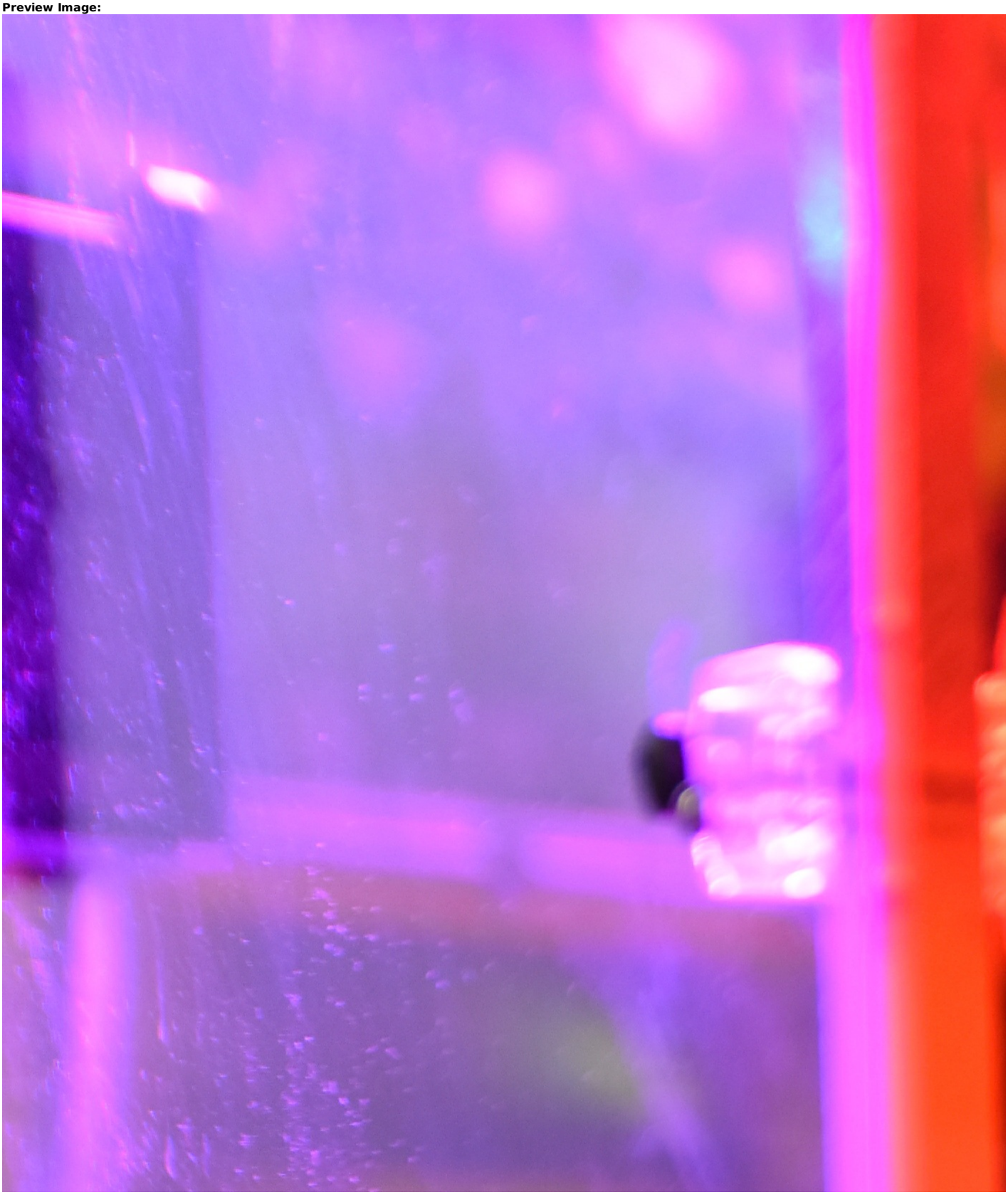

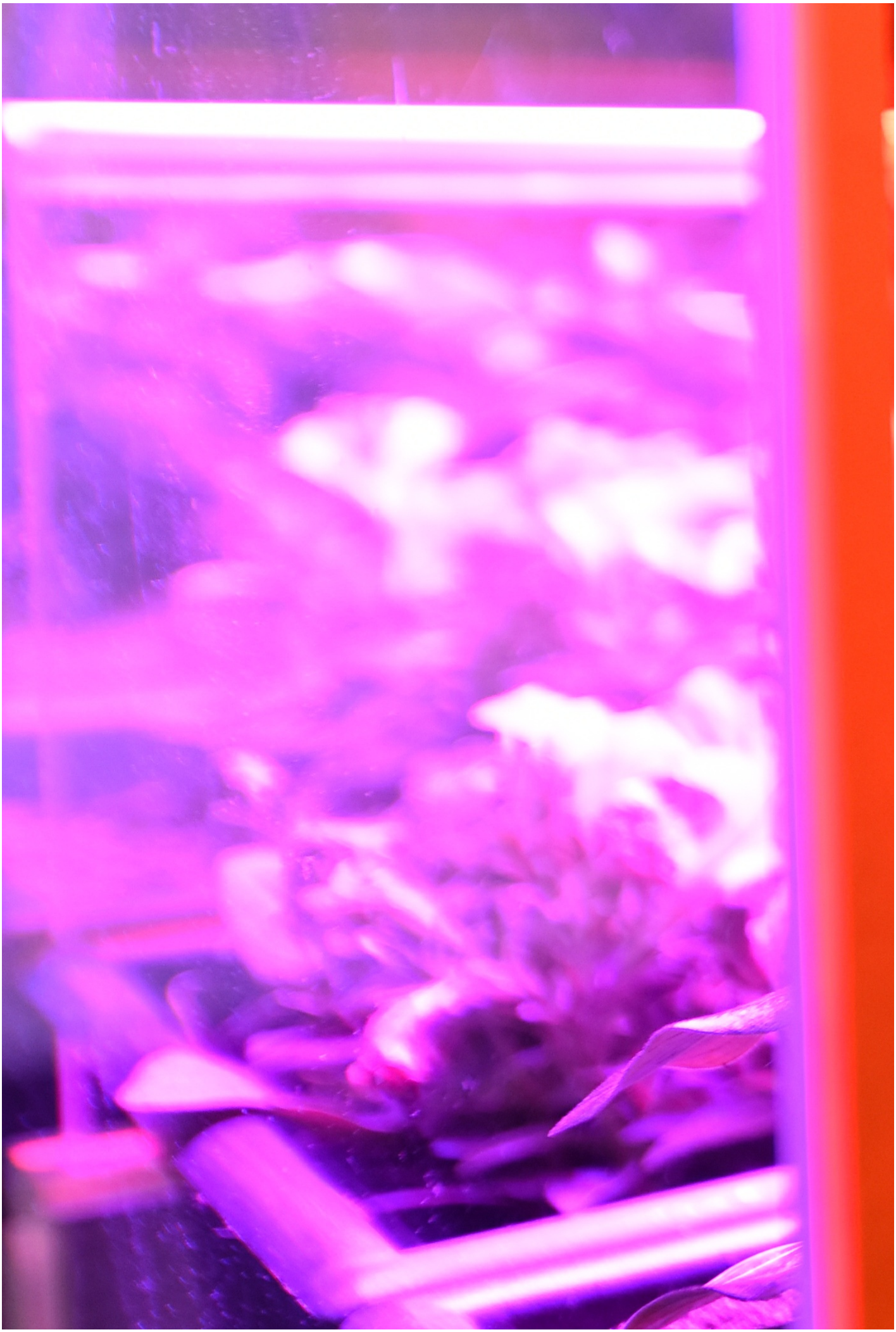

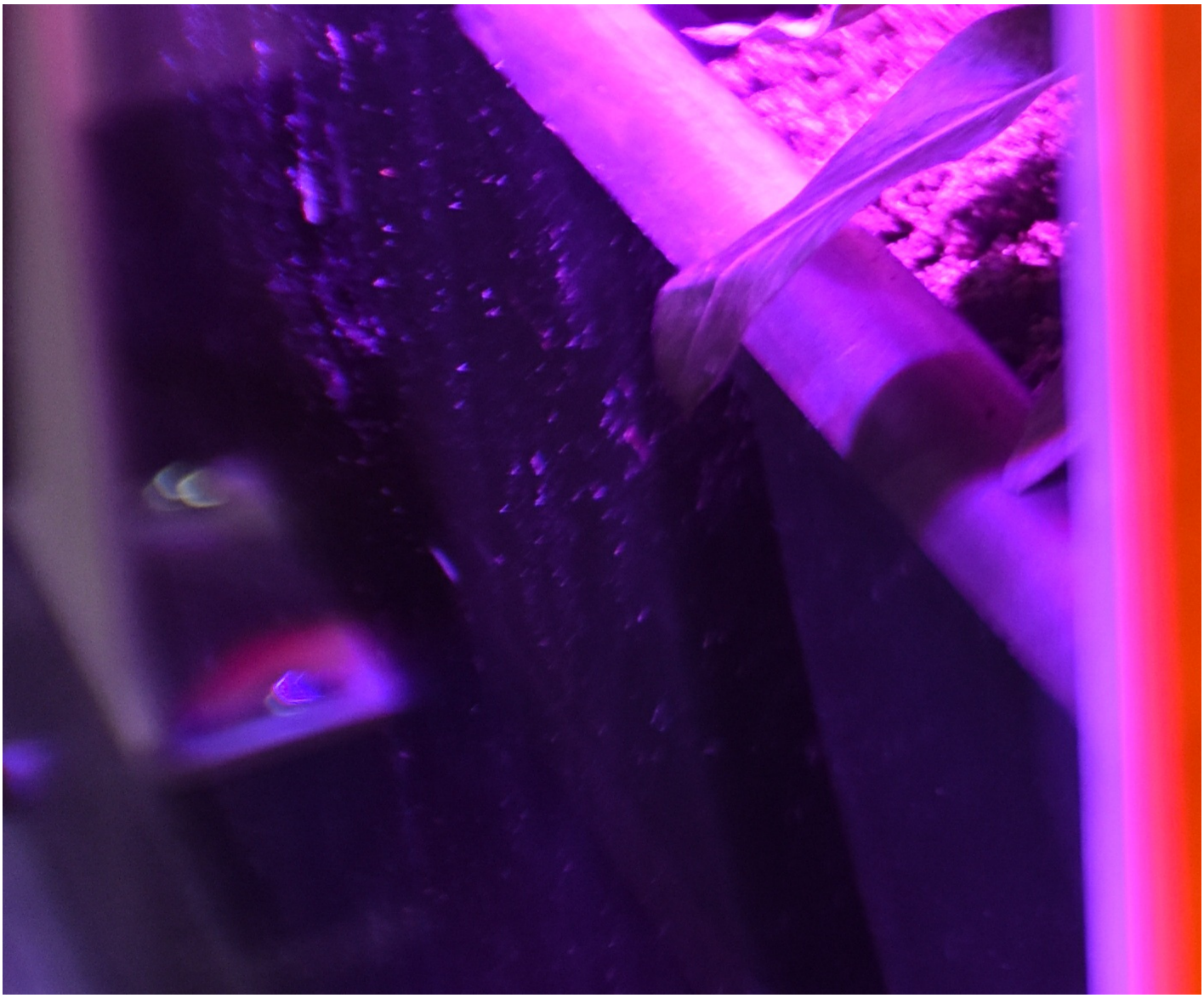

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