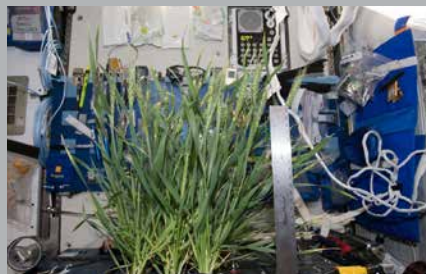




## Apogee Instruments Infrared Radiometer Apogee in Space

Apogee Infrared Radiometers are being used in the International Space Station's Advanced Plant Habitat (APH) project to measure things such as the canopy temperature of dwarf Apogee wheat meant for use in space travel. The highly sophisticated APH experimental station is used to develop yield maximizing cultivation techniques for various crops when grown in space and on other planets.



Apogee wheat was developed in 1996 at Utah State University under the direction of Dr. Bruce Bugbee, the president of Apogee Instruments and current professor at USU. This specialized variety grows hydroponically in small spaces and triples the bushel yield of field crops.

### Application Summary

#### Summary

Apogee Instruments' Infrared Radiometers were recently used in the Advanced Plant Habitat (APH) project to measure the canopy temperature of dwarf Apogee wheat meant for use in space travel.

**Apogee Sensors Used**  
Infrared Radiometers

**Contributing Organizations**  
International Space Station

**Location**  
Space

