RHS-AHDB Fellowship Project CP095: Sustainable resource use in Horticulture

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Applied Research

- 5 Year collaborative project (professional & Amateur markets)

- Research: Improve sustainability of soilless cultivation
  - Sustainable soilless growing media
  - Fertilizer use & novel nutrient sources
  - Water use

- Impacts of different growing media on fertilizer performance
Career Development & Training

‘Bringing an early career scientist into Horticulture and equipping them with skills & knowledge to help address UK skills gap’

• Industry challenge: Few post-doctoral researchers choosing horticulture – ltd. opportunities for funded projects

• Identify opportunities for future collaborative projects

• Better understand the needs of the industry & growers:
  – Where do the biggest challenges lie?
Soilless Cultivation - Opportunities

• Many exciting challenges
• Food security
• Better efficiency
• Higher productivity
• Lower environmental impact – SUSTAINABLE?

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https://www.rhs.org.uk/science

http://horticulture.ahdb.org.uk/project/fellowship-sustainable-resource-use-horticulture-systems-approach-delivering-high-quality