

Research Assistant, UK – MagGrow Agricultural Research Centre Job Description

• Company Profile

- Agricultural Magnetics Limited (AML) is a Dublin based technology company that provides innovative and practical solutions for the agricultural and food sectors. The patented spraying technology known as MagGrow developed by AML allows end users to reduce their chemical and water usage during the pesticide spraying application and also increase yields in the process. In 2020 we opened a new MagGrow Agricultural Research Centre (MARC) in Cirencester, UK

• Position Title

- Research Assistant

• Reports To

- Chief Scientific Officer & Director of Crop Science (Head of MARC)

• Main Purpose/Key Objective of the Role

- Contribute to MagGrow's ongoing research and development programme through assistance in developing, using and maintaining research equipment, generation of empirical data (observation and experimental) from laboratory- and field-based activities, assistance in procuring materials and components for research work and handling of data.

• Qualifications

- A degree or equivalent qualification in agricultural engineering or associated discipline.

• Key Accountabilities

- The Research Assistant will be responsible for:
 - Assist with internal laboratory, field and semi-field trials to provide data on best practice guidelines, as well as product development and new product design
 - Accurate handling of samples and data
 - Contribute to analytical work to support decision making based on trial data: laboratory, semi-field and field based
 - Work with customers and visitors to the MagGrow Agricultural Research Centre
 - Maintain awareness of market trends, regulatory changes and other relevant information and feedback to line manager as appropriate
 - Represent MagGrow at appropriate industry events
 - Maintain local MagGrow facilities to a high standard
 - Operate in compliance with company QMS

- Produce risk assessments for trial activities and work in accordance with all H&S and regulatory guidelines

• **Key Skills/Attributes**

- The Research Assistant will be expected to have:
 - Prior experience within a technical, research-focused role, ideally within agricultural sector, would be desirable.
 - Demonstrate creative and innovative approach to problem solving, assist in drawing up new research proposals and applications for funding
 - Familiarity with use of Standard Operating Procedures (SOPs) within a laboratory environment
 - Accurate data recording and reporting skills
 - Contribute to ideas generation sessions, collaborate as a team member with industry/academia to apply the results of research and develop new techniques, products or practices
 - Experience with trial design in an agricultural environment
 - Excellent communication and organisational skills
 - Ability to self-motivate and deliver to agree deadlines

• **Role Particulars**

- The Research Assistant appointment will include:
 - Permanent and Salaried
 - Based at MagGrow Agricultural Research Centre (MARC) in Cirencester, Gloucestershire
 - Some travel may be required
 - Competitive Remuneration, salary, bonus, benefits
 - Flexible working possible