**Job title: Senior Research Scientist**

**Location: Silsoe, Bedfordshire, UK**

**Job description:**

The job holder will be required to work as a member of a team that has expertise in the following areas:

1. Measurements of spray characteristics using laser-based sampling methods
2. Measurements of spray dispersal in wind tunnel and field conditions using both active and passive sampling methods with appropriate tracers and sampling surfaces
3. Measurements of spray deposition on a range of surfaces, including plants, in both laboratory and field conditions
4. Mathematical modelling of spray transport to quantify spray dispersal and deposition
5. Studies aimed at improving the design, performance, and operation of spray application systems.

**Job Responsibilities:**

1. Managing a portfolio of research projects and commercial contracts including the required staff resources, equipment, and income to ensure the sustainability of the business
2. Managing and contributing to projects including planning, , conducting experimental work and data analysis, interpretation and reporting of results.
3. Developing new business in R&D for pesticide application, spray technology and other relevant technology areas
4. Developing the necessary skills for ensuring the future of the business, potentially including recruiting new team members
5. Promotion and marketing of the business
6. To contribute to the Quality Management approaches adopted by the Unit.

**Requirements**:

The candidate will need to have:

* A degree in physics or an engineering discipline plus at least eight years’ research experience in either an academic or commercial environment. A PhD would be an advantage
* A track record of income generation, through either research proposals or commercial contract work
* Excellent computer skills including Microsoft Office
* The ability to work effectively in a well-ordered manner and as part of a small team
* A knowledge of Quality Management for R&D
* A UK -valid driving licence
* An awareness of agricultural and environmental issues in the UK.

**Salary:** An attractive package will be agreed depending on qualifications and experience.

**Working hours per week:** 37 hours

**Other important information:**

* The post-holder will initially report to the Research Manager who is responsible for day-to-day management of the Unit.
* Some travel will be expected.
* On-the-job training will be provided together with external training relating to the use of agricultural plant protection products where needed.
* The Unit operates a flexible working scheme with core hours between 09:30 to 12:30 and 14:00 to 16:00 hours.

**How to apply for this job, please email your CV to:**

Mrs R Miles, HR Manager, Silsoe Spray Applications Unit. [rachel.miles@ssau.co.uk](mailto:rachel.miles@ssau.co.uk)