

GCRF Foundation Awards for Global Agricultural and Food Systems Research

Reference	PI	Institution	Project
BB/P022685/1	Bill, Roslyn	Aston University	Cascade processes for integrated bio-refining of agricultural waste in India and Vietnam
BB/P023150/1	Chadwick, David Robert	Bangor University	Sustainable futures for the Costa Rica dairy sector: optimising environmental and economic outcomes
BB/P02274X/1	Kirk, Guy	Cranfield University	Metal contamination of rice supplies in Asia
BB/P022677/1	Penfield, Steven David	John Innes Centre	Genomic approaches to increasing resilience in oilseed rape seedling establishment in the Yangtze River basin
BB/P022391/1	Kirk, William Daniel	Keele University	Improving food safety by reducing pesticide residues: developing a pheromone alternative to insecticides for control of thrips on legumes in Kenya
BB/P023444/1	Wilson, Kenneth	Lancaster University	Biopesticides for Africa: A model system
BB/P022804/1	Ayling, Sarah Catherine	National Inst of Agricultural Botany	Developing a natural variation platform for pest-resistant cassava breeding
BB/P022758/1	Meharg, Andrew	Queen's University of Belfast	Household biomass ash as a fertilizer to sustainability improve soil nutrition to enhance rice yields
BB/P023126/1	McGrath, Stephen Paul	Rothamsted Research	GeoNutrition - tackling hidden hunger in Sub-Saharan Africa
BB/P023428/1	Eastmond, Peter	Rothamsted Research	Genetic improvement of rice seed vigour for dry direct-seeded conditions
BB/P022480/1	van den Bosch, Frank	Rothamsted Research	Epidemiological Modelling of Simultaneous Control of Multiple Cassava Virus Diseases
BB/P022898/1	Pennington, R. Toby	Royal Botanic Gardens Edinburgh	Improving agroforestry and silvopastoral systems in Latin America by maximising species and genetic diversity of the multipurpose legume Inga
BB/P02307X/1	Wilkin, Paul	Royal Botanic Gardens Kew	Modelling and genomics resources to enhance exploitation of the sustainable and diverse Ethiopian starch crop Enset and support livelihoods
BB/P023002/1	Kock, Richard Anthony	Royal Veterinary College	Pathway to Peste des Petits Ruminants Virus Elimination - methods for complex ecosystems
BB/P022537/1	Revoredo-Giha, Cesar Luis	SRUC	Formulating Value Chains for Orphan Crops in Africa
BB/P022987/1	Bardgett, Richard	The University of Manchester	Restoring soil function and resilience to degraded grasslands
BB/P022847/1	Russell, Wendy Roslyn	University of Aberdeen	Moringa; delivering nutrition and economic value to the people of Malawi
BB/P023282/1	Baker, Christopher James	University of Birmingham	Understanding and reducing lodging in maize and rice.
BB/P023193/1	Gilligan, Christopher A.	University of Cambridge	Real-time and seasonal forecasting of wheat rust epidemics to inform surveillance and control: Ethiopia as a LMIC test case
BB/P023223/1	Carr, John Peter	University of Cambridge	Targeting virus transmission in a vital crop for African food security
BB/P02338X/1	Lowe, Nicola	University of Central Lancashire	Examining the effectiveness and acceptability of the use of bio-fortified crops in alleviating micronutrient deficiencies in Pakistan
BB/P022936/1	Baggs, Elizabeth	University of Edinburgh	Exploiting the potential of genotype microbiome interactions to promote sustainable soil health in southern Africa
BB/P023487/1	Doerner, Peter	University of Edinburgh	Improving root system architecture for enhanced drought tolerance and nutrient use efficiency in semi-arid agriculture of chickpea
BB/P023339/1	Talbot, Nicholas Jose	University of Exeter	Development of novel blast resistant wheat varieties for Bangladesh by genome editing
BB/P023274/1	Kunin, William Edward	University of Leeds	VOICES: Valuing Orchard and Integrated Crop Ecosystem Services
BB/P022545/1	Hurst, Gregory	University of Liverpool	Evaluating the safety and nutritional quality of a novel insect based food product in Benin
BB/P022790/1	Pridmore, Tony	University of Nottingham	High throughput phenotyping of novel root traits for early stage root bulking in cassava using an Aeroponic imaging platform
BB/P023533/1	Sjogersten, Sofie	University of Nottingham	SUSTAINPEAT: Overcoming barriers to sustainable livelihoods and environments in smallholder agricultural systems on tropical peatland
BB/P02355X/1	Connerton, Ian	University of Nottingham	Development of a Bacteriophage Product to Control Campylobacter Contamination in Kenya
BB/P023509/1	O'Sullivan, Donal Martin	University of Reading	Traits and technologies to boost North African protein self-sufficiency (BEANS4N.AFRICA)
BB/P022995/1	Charalampopoulos, Dimitrios	University of Reading	Development of novel value chain from cocoa pod husks in Indonesia: Technological, environmental and socio-economic challenges of a value chain
BB/P022456/1	Scholes, Julie	University of Sheffield	Facilitating smart crop breeding through understanding the genetics of resistance and virulence in the Striga-rice interaction
BB/P022693/1	Darby, Stephen	University of Southampton	Sustainable Intensification of Rice Agriculture in Vulnerable Mega-Deltas: A Global Challenge
BB/P022553/1	Torrance, Lesley	University of St Andrews	The quikgro potato; an early maturing multiple stress tolerant potato crop for sub-Saharan Africa
BB/P022499/1	McQueen-Mason, Simon	University of York	DEVELOPING RICE STRAW FOR ANIMAL FEED