List of Abbreviations

AAB ACRE Association of Applied Biologists Advisory Committee on Releases to the Environment International Committee for the Taxonomy of Viruses Investors in People ΙΙΤΑ ADAS Agricultural Development and Advisory Service International Institute of Tropical Agriculture ATCC American Tissue Culture Collection IMP Individual Merit Promotion International Organisation for Biological Control International Society for Horticultural Science IOBC **BBSRC** Biotechnology & Biological Sciences Research Council ISHS **BCPC** British Crop Protection Council ISPP International Society for Plant Pathology BioSS Biomathematics and Statistics Scotland British Potato Council International Triticeae Mapping Initiative BPC ITMI BSPB British Society of Plant Breeders IVEM Institute of Virology and Environmental Microbiology British Society for Plant Pathology LC-MS Liquid Chromatograph-Mass Spectrometer **BSPP** BTG LEAF Linking Environment and Farming British Technology Group MLURI CAPS Cleaved Amplified Polymorphic Sequence Macaulay Land Use Research Institute (now the Macaulay Institute) MRI Moredun Research Institute CEC Commission of the European Communities mRNA messenger RNA CEL Crop Evaluation Ltd Committee of Heads of Agricultural and Biological Mylnefield Research Services CHABOS MRS Organisations in Scotland NERC National Environmental Research Council CIP International Potato Centre - Peru NFT National Fruit Trials European Co-operation in the field of Scientific and Technical Research COST NFU National Farmers Union NIR Near Infra-Red CRAFT Co-operative Research Action for Technology NMR Nuclear Magnetic Resonance Defra DfID Department for Environment, Food and Rural Affairs NPTC National Proficiency Test Council Department for International Development ORSTOM Organisation for research in science and technology overseas European Association for Potato Research EAPR PCN Potato Cyst Nematode Soil ecological and economic evaluation of genetically modified crops Edinburgh Centre for Rural Research **ECOGEN** PCR Polymerase Chain Reaction PD Post-doctorate **ECRR** PIC Product Innovation Centre **ECSA** European Chips and Snacks Association PVRO Plant Variety Rights Office EHF Experimental Husbandry Farm RACER Reduced Application of Chemicals in European Raspberry FLISA Enzyme linked immunosorbent assay **EPICA** European Project for Ice Coring in Antarctica RAPD Randomly Amplified Polymorphic DNA **EPPO** European Plant Protection Organisation RFLP Restriction Fragment Length Polymorphism Engineering and Physical Sciences Research Council Endoplasmic Reticulum **EPSRC** RNAi RNA interference RRI Rowett Research Institute Expressed Sequence Tagged Sites Royal Society for the Protection of Birds Scottish Agricultural and Biological Research Institutes RSPB European Association for Plant Breeding Research EUCARPIA SABRI FF Flexible Funding (SEERAD) SAC Scottish Agricultural College FLAIR Food-Linked Agro-Industrial Research Food Standards Agency Scottish Agricultural Science Agency SASA FSA SCRI Scottish Crop Research Institute FSE Farm Scale Evaluation Society for Experimental Biology SEB GC-MS Gas Chromatograph-Mass Spectrometer SEERAD Scottish Executive Environment and Rural Affairs Department Green Fluorescent Protein GFP SET Scottish Enterprise Tayside Scottish Natural Heritage GILB Global Initiative on Late Blight SNH GIUS Glasshouse Investigational Unit for Scotland SNSA Scottish Nuclear Stocks Association Genetically Modified Genetically Modified Herbicide Tolerant GM SPD Senior Post-doctorate GMHT SSCR Scottish Society for Crop Research HDC Horticultural Development Council STS Sequence Tagged Sites H-GCA Home-Grown Cereals Authority UNDP United Nations Development Programme **HPLC** High Performance Liquid Chromatography USA NSF USA National Science Foundation HRI Hannah Research Institute VIB Flemish Institute of Biotechnology HRI Horticultural Research International WHO World Health Organisation **ICARDA** International Center for Agricultural Research in Dry Areas