



Field inspection of Part B deliberate release to assess compliance with Part VI Environmental Protection Act 1990 and the Genetically Modified Organisms (Deliberate Release) Regulations 2002

Consent reference 17/R29/01

Consent holder The Sainsbury Laboratory.

Species Potato (*Solanum tuberosum* L.)

Details of the GMO The authorisation is for the experimental release of potatoes transformed with one or more of the following genes:

- *Rpi-vnt1.1* from *Solanum venturii*
- *Rpi-amr3i* from *Solanum americanum*
- *Rpi-amr1e* from *Solanum americanum*
- *Oc-1AD86* from *Oryza sativa*
- Sequence coding for a repellent peptide – synthetic
- Sense and anti-sense fragments of *Ppo* from *Solanum tuberosum*
- Sense and anti-sense fragments of *Vlnv* from *Solanum tuberosum*
- Sense and anti-sense fragments of *Ast1* from *Solanum tuberosum*
- The CSR allele of *ALS* from *Solanum lycopersicum*
- *NptII* from *Escherichia coli*

The 2018 release involves trialling 15 separate genetically modified (GM) plant lines, plus wild type controls, to investigate the resistance of the genetically modified organisms (GMOs) to the late blight pathogen *Phytophthora infestans*.

APHA report number 17/R29/01_2018-INSP_01

Site details Norwich Research Park, Norwich NR4 7UH.
OS Reference TG 179 075

Site inspection date 20/09/2018

Site inspection number TSL-17/R29/01-2018-INSP_01

Staff seen Lead Researcher.

Inspection details The Genetic Modification Inspectorate carried out a growing season inspection of this 2018-sown research trial of GM potato. Checks were made on the size and layout of the GM plots, isolation from other potato plants, arrangements in place for growing-season monitoring, and plans for harvesting and post-harvest monitoring. All were in accordance with the requirements specified in the consent.

Report conclusions The Genetic Modification Inspectorate is content that the release is consistent with the conditions and limitations specified in the consent. No risks to human health or the environment, posed by the GMOs, were identified.

Action taken None.

APHA GM Inspectorate
28/09/2018