



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-1ΔD86 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 2017 release involves trialling twelve separate GM plant lines to investigate the resistance of the genetically modified organisms (GMOs) to the late blight pathogen *Phytophthora infestans*.

APHA report number 17/R29/01 INSP 01 (2017)

Site details The Sainsbury Laboratory, Norwich.
OS Reference TG 179 075

Site inspection date 11/08/2017

Site inspection number 1

Staff seen Lead Researcher.

Inspection details The Genetic Modification Inspectorate carried out a growing season inspection of this 2017-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 genetically modified organisms, were identified.

Action taken None.

APHA GM Inspectorate
29/08/2017