

Animal and Plant Health Agency

APHA Genetic Modification Inspectorate

Growing season field inspection report: consent 17/R29/01 (2019 release)

A report of a field inspection visit to an experimental genetically modified (GM) crop trial to assess compliance with Part VI of the Environmental Protection Act 1990 and the Genetically Modified Organisms (Deliberate Release) Regulations 2002.

GMO consent details

Consent reference: 17/R29/01 ('Part B' consent)

Consent holder: The Sainsbury Laboratory

Crop type: Potato (*Solanum tuberosum* L.)

Site details: Norwich Research Park, Norwich

OS Reference: TG 179 075

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 2019 release involves trialling 24 separate genetically modified (GM) plant lines, plus one transgenic control, and several wild-type controls.

Purpose of the release: The aim of the trial is to test field performance of the novel potato plants.

Site inspection details

Inspection date: 04/06/2019

Site reference: TSL-17/R29/01-2019-INSP_01

Staff seen: Lead Researcher

Inspection details: The Genetic Modification Inspectorate carried out an inspection of this 2019-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 by the consent.

Conclusions and actions

Report conclusions: The Genetic Modification Inspectorate is content that the release is consistent with the conditions and limitations of the consent. No risks to human health or the environment, posed by the genetically modified organism, were identified.

Action taken: None

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