

Animal and Plant Health Agency

APHA Genetic Modification Inspectorate

Growing season field inspection report: consent 17/R29/01 (2021 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 genetically modified organisms (GMOs) are potatoes transformed with one or a combination 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*.

Purpose of the release: To test field performance of the novel potato plants.

Site inspection details

Inspection date: 14/07/2021

Site reference: TSL-17/R29/01-SITE01-2021-INSP_01

Staff seen: Lead Researcher for consent 17/R29/01

Inspection details: The Genetic Modification Inspectorate carried out an inspection of this 2021-planted research trial of GM potato. Checks were made on: the location, size and layout of the plots; the arrangements in place for growing-season management and monitoring; plans for harvesting and disposal; and arrangements for the post-trial period. All were in accordance with the requirements specified in the consent.

Conclusions and actions

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 organism, were identified.

Action required/ taken: None

APHA GM Inspectorate
Sand Hutton,
York,
YO41 1LZ

27/07/2021

Animal and Plant Health Agency

APHA Genetic Modification Inspectorate

Growing season field inspection report: consent 19/R29/01 (2021 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: 19/R29/01 ('Part B' consent)

Consent holder: The Sainsbury Laboratory

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

Site details: Girton, Cambridgeshire

OS Reference: TL 432 626

Details of the GMO: The genetically modified organisms (GMOs) are potatoes transformed with one or a combination 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*.

Purpose of the release: To test field performance of the novel potato plants.

Site inspection details

Inspection date: 21/07/2021

Site reference: TSL-19/R29/01-SITE01-2021-INSP_01

Staff seen: NIAB Trial Lead

Inspection details: The Genetic Modification Inspectorate carried out an inspection of this 2021-planted research trial of GM potato. Checks were made on the size and layout of the plots, the arrangements in place for growing-season management and monitoring, plans for harvesting and disposal, and arrangements for the post-trial period. All were in accordance with the requirements specified in the consent.

Conclusions and actions

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 organism, were identified.

Action taken: None

APHA GM Inspectorate
Sand Hutton,
York,
YO41 1LZ

28/07/2021