

Animal and Plant Health Agency

APHA Genetic Modification Inspectorate

Growing season field inspection report: consent 19/R08/01 (2023 release)

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

GMO consent details

Consent reference: 19/R08/01 ('Part B' consent)

Consent holder: Rothamsted Research

Crop type: *Camelina sativa* (camelina, gold-of-pleasure, or false flax)

Site location: Harpenden, Hertfordshire.

OS Reference: TL 122 133

Details of the GMO

Genetically modified (GM) *Camelina sativa* plant lines that contain or were developed using some or all of the fragments of DNA described in Part A1(12) of [Rothamsted Research application 19/R08/01](#).

Purpose of the release

To determine the agronomic performance and seed oil yield of transgenic *C. sativa* plants that have been engineered to accumulate non-native lipids (such as omega-3 LC-PUFAs, NMI-PUFAs etc) in their seed oils, or variation in the accumulation of native fatty acids such as oleic and palmitic acid.

Site inspection details

Inspection date: 3 August 2023

Site reference: Harpenden-19/R08/01-2023-01

Personnel seen: Consent Holder.

Inspection details

The Genetic Modification Inspectorate carried out an inspection of this 2023-sown research trial of GM camelina at the pod setting stage. Checks were made on the:

- location, size and layout of the trial
- measures employed to control access to the trial site
- plans for harvest and disposal
- post-harvest monitoring

All were in accordance with the requirements specified in the letter of consent and its accompanying schedule.

To minimise the possibility of unwanted gene flow from the trial to wild or cultivated camelina species the Consent Holder had opted to employ a 50-metre separation distance around the perimeter of the plot area, rather than a pollen barrier. The Genetic Modification Inspectorate conducted an inspection of the area within this 50-metre separation distance and was satisfied that no wild or cultivated *Camelina* species were present.

Conclusions and actions

Report conclusions

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

Action required or taken: None

APHA GM Inspectorate

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14 August 2023