

Animal and Plant Health Agency

APHA Genetic Modification Inspectorate

## Growing season field inspection report: consent 16/R08/02 (2019 release)

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:** 16/R08/02 ('Part B' consent)

**Consent holder:** Rothamsted Research

**Crop type:** Wheat (*Triticum aestivum*)

**Site details:** Harpenden, Hertfordshire

**OS Reference:** TL 120 131

**Details of the GMO:** The genetically modified organisms (GMOs) are wheat plants, which have been transformed with the SBPase gene from the grass *Brachypodium distachyon* and the bar gene from the soil bacterium *Streptomyces hygroscopicus*. The plants may also contain the antibiotic resistance marker genes nptI and bla derived from *Escherichia coli*.

**Purpose of the release:** to examine whether the agronomic characteristics of this GM wheat are altered under field conditions.

### Site inspection details

**Inspection date:** 25/06/2019

**Site reference:** 16/R08/02-01

**Staff seen:** Head of Farms and Estates

**Inspection details:** The Genetic Modification Inspectorate carried out an inspection of this 2019-sown research trial of GM wheat. Checks were made on the size and layout of the GM plots and non-GM pollen barrier, the 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.

## 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

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