



SITE INSPECTION TO ASSESS COMPLIANCE WITH PART VI ENVIRONMENTAL PROTECTION ACT 1990 AND THE GENETICALLY MODIFIED ORGANISMS (DELIBERATE RELEASE) REGULATIONS 1992, AS AMENDED

Consent Reference	:	00/R33/7S
Consent Holder	:	Aventis Crop Science UK Ltd
Release Details	:	Winter Oilseed Rape Transformed lines for herbicide tolerance to glufosinate ammonium, male sterility and fertility restoration
SASA Site Number	:	S026
Site Details	:	Rothienorman, Inverurie
OS Reference	:	NJ 753 343
Crop Grown	:	Winter Oilseed Rape
Report Number	:	2 (Final)
Site Inspection Date	:	02.11.00
Site Inspection Number	:	V029
Staff Seen	:	Farmer
Inspection Details	:	At the time of the inspection, records were not available to satisfy the inspectors that sowing and seed storage procedures outlined in the consent had been complied with. The farmer agreed to provide this information by an agreed date. The sowing rate of the GM crop was 6.2 kg/ha. Aventis staff maintain regular contact with the farmer. A field inspection showed that the trials were being conducted to a good agronomic standard. The release site was walked and the map grid reference number was confirmed. The size of the GM crop was confirmed to be 9 ha. At the time of the inspection, apart from the control variety in the Farmscale Evaluation trial, there were no other compatible crops within 50 metres of the GM Crop.
Report Conclusions	:	The Inspectorate reviewed additional information that had been requested during the inspection and concluded that the trial was being conducted in accordance with the consent. Location of the trial site, sowing rate, collection of surplus seed and separation distances were satisfactory.
Action Taken	:	<ol style="list-style-type: none">1. The farmer and consent holder have been asked to provide further information in writing to establish whether sowing and seed storage procedures had been compliant.2. The Inspectorate recommended that permanent markers be placed at the field boundary to identify the GM crop area. <p>The consent holder confirmed on 22.11.00 that excess seed was securely stored on the farm premises, that no seed remained following cleaning of the sowing drill and the sowing rate was as instructed. The Inspectorate were informed that the excess seed was removed from the farm premises by the consent holder on 6.06.01.</p>



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Site Details	:	Rothienorman, Inverurie
OS Reference	:	NJ 753 343
Crop Grown	:	Winter Oilseed Rape
Report Number	:	1 (Final)
Site Inspection Date	:	02.05.01
Site Inspection Number	:	V036
Staff Seen	:	None
Inspection Details	:	The field and surrounding areas were walked and no other sexually compatible crops were seen in the vicinity. No Brassica volunteers were seen in surrounding crops or field margins. The GM crop could be identified at inspection but no field markers were visible. The size of the GM crop was 9 ha and within the maximum permitted in the consent.
Report Conclusions	:	The FSE trials were being run to a good agronomic standard. The trial was being run in accordance with the conditions of the consent. No issues of harm to either human health or the environment were identified.
Action Taken	:	<ol style="list-style-type: none">1. Aventis to be asked to ensure permanent markers be placed at the field boundary to identify the GM crop area. Aventis confirmed by phone 6/7/01 that this will be carried out at harvest.2. Aventis were asked to provide details of the harvest date (fax 20.06.01).



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Site Details	:	Rothienorman, Inverurie
OS Reference	:	NJ 753 343
Crop Grown	:	Winter Oilseed Rape
Report Number	:	4 (Final)
Site Inspection Date	:	24.10.01
Site Inspection Number	:	V057
Staff Seen	:	Farmer (Audit only), Company Representative.
Inspection Details	:	<p><u>Records of the trial and release site were examined and discussed. The GM crop was harvested on 23 August 2001. A representative of the consent holder was present to verify that the company's harvesting procedures were being followed. The combine was cleaned on site. The harvested seed was securely bagged and stored until 5 September when it was transported off the farm for disposal.</u></p> <p><u>The release site was sown with winter barley. The site had been sprayed with a herbicide, appropriate for the control of oilseed rape volunteers, on 13 October.</u></p> <p><u>A representative of the consent holder has regularly monitored the release site.</u></p> <p>The release site was walked. There were patches of oilseed rape volunteers, small in number, randomly distributed throughout the field. The volunteers were in the process of dying off as a result of the herbicide. A small area of volunteers remained in one corner of the field.</p>
Report Conclusions	:	The release site was run to a good agronomic standard. The post-release conditions of the consent had been satisfactorily fulfilled. No issues of harm to either human health or the environment were identified.
Action Taken	:	<ol style="list-style-type: none">1. The Inspectorate will write to the consent holder to ensure that the volunteers that remained in the field are satisfactorily controlled.2. The Inspectorate will request a copy of the receipt for the disposal of the harvested seed at an approved landfill site.



- 22.04.02** The Inspectorate contacted Aventis to establish what action they had taken to control the volunteers. The volunteers had been spot treated with glyphosate on the 4.04.02 and the resulting efficacy inspected by Aventis on the 11.04.02. Partial control had been achieved, however, some volunteers remained. The remaining volunteers will be sprayed with a sulfonyl urea herbicide when the target plants are large enough to be controlled by herbicide application.
- 3.05.02** Aventis sprayed the remaining volunteers with a sulfonyl urea herbicide. They will contact us to inform us of the effectiveness of the spray and whether any further action is deemed necessary.
- 5.06.02** The SASA Inspectorate received a copy of the receipt for disposal of harvested seed from Autumn 2000 sown site to landfill from Aventis.
- 25.07.02** The SASA Inspectorate inspected the site and verified that there were no volunteer oilseed rape plants present.