



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	:	98/R19/18
Consent Holder	:	Aventis Crop Science UK Ltd
Release Details	:	Spring Oilseed Rape Transformed lines for herbicide tolerance to glufosinate ammonium, male sterility and fertility restoration
SASA Site Number	:	S035
Site Details	:	Oldmeldrum, Aberdeen
OS Reference	:	NJ 740 288
Crop Grown	:	Spring Oilseed Rape
Report Number	:	1 (Final)
Site Inspection Date	:	02.5.2001
Site Inspection Number	:	V035
Staff Seen	:	Farmer
Inspection Details	:	<p>Procedures for sowing and storage of surplus seed were compliant. The farmer was conversant with the conditions of the consent. Aventis had visited the farm on several occasions. The farmer was content with information provided by the consent holder for managing the GM crop.</p> <p>A field inspection was conducted. The GM crop in this farmscale evaluation trial (FSE) was 3.5 ha in size and was next to a control crop of the conventional variety Maskot. There were no markers to indicate the position of the two crops. There is a possible risk of cross-pollination with a winter oilseed rape crop (WOSR), 50m from the GM crop (see Action Taken). Clarification of the crop newly sown in an adjacent field is also required (see Action Taken). The surrounding field margins were free from volunteer rape and compatible weed species.</p>
Report Conclusions	:	Field records and documentation were satisfactory. This FSE trial was being run to good agronomic standards. The trial was in accordance with the conditions of the consent. No issues of harm to either human health or the environment were identified.
Action Taken	:	1. The consent holder was asked to inform the Inspectorate when the excess GM seed would be collected.
6.06.01		<p><i>The consent holder confirmed that the excess seed had been removed from the farm premises.</i></p> <p>2. The consent holder will be asked to ensure that permanent markers are placed in the field so that the boundary of the release site can be identified.</p>
6.07.01		<p><i>The consent holder confirmed that markers would be placed in the field at harvest.</i></p>



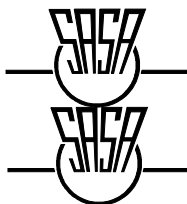
28.06.01

3. The consent holder will be asked to provide information on the identity of the WOSR variety and the newly sown crop adjacent to the trials.

The farmer confirmed by fax that the unknown neighbouring crop was a grass reseed which was topped on 27.06.01. The WOSR crop to the North of the GM trial is the conventional variety Falcon.

4. The consent holder will be asked to provide details of the harvest date.

The Inspectorate requested this information on 20.06.01.



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SASA Site Number	:	S035
Site Details	:	Oldmeldrum, Aberdeen
OS Reference	:	NJ 740 288
Crop Grown	:	Fallow
Report Number	:	1 (Final)
Site Inspection Date	:	30/02/2002
Site Inspection Number	:	V062
Staff Seen	:	Farmer, Aventis Representative
Inspection Details	:	<p>Compliance Task sheets for pre-harvest and harvest were inspected after the inspection. A desiccant had been applied to the GM crop prior to harvest, which took place on 3 October 2001. Harvesting procedures were satisfactory. The harvested seed was removed from the farm premises for disposal on 17 October 2001.</p> <p>The farmer and Aventis staff monitor the field.</p> <p>A field inspection was conducted. Stubble from the harvested plants remained in the field. There was no evidence of regrowth following harvest. The plant remains were dead.</p> <p>The soil surface was clear of agricultural weeds except for oilseed rape volunteers that had recently emerged throughout the field. These were at the first stage of growth development (growth stage 1.0: both cotyledons unfolded and green).</p> <p>A decision on the spring follow-on crop had not been made.</p>
Report Conclusions	:	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	:	The Inspectorate will request details for the future management of the release site including control of volunteers.



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SASA Site Number	:	S035
Site Details	:	Oldmeldrum, Aberdeen
OS Reference	:	NJ 740 288
Crop Grown	:	Fallow
Report Number	:	34 (3 Final)
Site Inspection Date	:	18.06.02
Site Inspection Number	:	V072
Staff Seen	:	Farmer
Inspection Details	:	<p>The release site was in set aside at the time of the inspection. There was no oilseed rape growing within 50 metres of the flowering volunteer population.</p> <p>At the time of the inspection the farmer informed the Inspectorate that the field had been sprayed with Glyphosate within the past week. The Inspectorate will ask for confirmation of the herbicide, the rate and the date applied.</p> <p>There was a sizeable population of oilseed rape plants seen on the trial site. In places there were greater than 5 volunteers per square metre. Many of the volunteers were flowering and were within the 50 metre isolation distance from the former GM side of the trial site. At least 3 flowering volunteers were considered to be growing on the former GM side of the trial site. Leaf samples of these plants were taken for analysis.</p>
Report Conclusions	:	<p>No issues of harm to human health or the environment were identified.</p> <p>In order to conduct effective post harvest monitoring it is explicit in the application for consent that the consent holder or their representative are obliged to visit the release site regularly. If found, volunteers should be effectively controlled.</p> <p>Under the conditions of consent 98/R19/18 it is not a breach of the consent to allow volunteers to flower. However the Inspectorate wrote to the consent holder expressing their concern that the volunteers had been permitted to reach this growth stage.</p>



Action	:	The Inspectorate will as a matter of urgency:
		<ol style="list-style-type: none">1. ask the consent holder for a record of when the field was monitored,2. conduct PCR tests on the samples taken from the flowering oilseed rape plants (3 considered to be from the former GM side and 1 considered to be from the non-GM side),3. ask the consent holder to inform the Inspectorate when the herbicide application had taken place and the product and rate used, and if it has been effective.
3.07.02		Aventis CropScience informed the Inspectorate that the field had been monitored on 30.01.02, 28.03.02, 17.06.02 and 26.06.02. The site had been sprayed on 31.05.02 with glyphosate at 3 l/ha. They reported that the herbicide had been effective by 26.06.02. The SASA Diagnostic and Molecular Biology unit reported that each of the plants sampled by the Inspectorate contained transgenes consistent with the modified crop grown on the site in the previous year.
25.07.02		The Inspectorate noted that the site had been ploughed and will request confirmation of the ploughing date from the consent holder.
20.02.03		The consent holder confirmed the field was ploughed on 22/23.07.02