



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

<b>Consent Reference</b>	:	00/R33/7S
<b>Consent Holder</b>	:	Aventis Crop Science UK Ltd
<b>Release Details</b>	:	Winter Oilseed Rape Transformed lines for herbicide tolerance to glufosinate ammonium, male sterility and fertility restoration
<b>SASA Site Number</b>	:	S024
<b>Site Details</b>	:	Munlochy, Inverness
<b>OS Reference</b>	:	NH 662 563
<b>Crop Grown</b>	:	Winter Oilseed Rape
<b>Report Number</b>	:	3 (Final)
<b>Site Inspection Date</b>	:	01.11.2000
<b>Site Inspection Number</b>	:	V027
<b>Staff Seen</b>	:	Farmer
<b>Inspection Details</b>	:	<p>The records for the GM crop were audited. Sowing times, cleaning of seed drilling equipment and secure storage of excess seed were satisfactory. The consent holder had removed all excess seed from the farm premises on 30.10.00. The farmer reported that the seedlot of the GM crop had poor germination. The inspectors, however, noticed that the sowing rate had exceeded that permitted in the consent. The grower had seen appropriate parts of the consent. Aventis staff had visited the site and maintains regular contact with the farmer.</p> <p>A field inspection was conducted. The map grid reference was confirmed. Field markers could identify the GM crop. The area of the GM crop was 10.92 ha and within maximum size permitted in the consent. Apart from the control crop of oilseed rape, there was no other rape within the vicinity of the site. On one side of the GM crop there was an adjacent field of swedes. The surrounding field margins and hedgerows were free from volunteer rape or compatible weed species.</p> <p>Following the inspection the consent holder was asked to account for the altered sowing rate. Aventis explained that this particular seedlot had a low germination and a high seed weight. In order to deliver a plant population as recommended by the Independent Scientific Steering Committee, the seed rate had to be increased to compensate for these two variables. Despite this increase in seed weight, the Inspectorate was satisfied that the number of plants that were sown at this site did not exceed the plant population density permitted in the consent. The risk assessment remained unchanged.</p>
<b>Report Conclusions</b>	:	Field records and documentation were satisfactory. The FSE trials were being run to a good agronomic standard. The Inspectorate was satisfied that the increase in seed rate did not alter the original risk assessment or poses any additional risk to the environment.
<b>Action Taken</b>	:	<ol style="list-style-type: none"><li>1. The Inspectorate has sought clarification from the consent holder on issues related to the establishment of the GM crop.</li><li>2. Having consulted the Regulatory Authority, the Inspectorate notified the consent holder that a technical breach had occurred and warned them of the consequences of failing to adhere to the conditions of the consent.</li><li>3. A subsequent inspection (1.05.01) confirmed that the swede crop had been removed before flowering of the GM oilseed rape.</li></ol>



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<b><i>OS Reference</i></b>	<b>:</b>	NH 662 563
<b><i>Crop Grown</i></b>	<b>:</b>	Winter Oilseed Rape
<b><i>Report Number</i></b>	<b>:</b>	1 (Final)
<b><i>Site Inspection Date</i></b>	<b>:</b>	01.05.01
<b><i>Site Inspection Number</i></b>	<b>:</b>	V032
<b><i>Staff Seen</i></b>	<b>:</b>	None
<b><i>Inspection Details</i></b>	<b>:</b>	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. Field markers identified the GM crop. The size of the GM crop was 10.9 ha and within the maximum permitted in the consent.
<b><i>Report Conclusions</i></b>	<b>:</b>	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.
<b><i>Action Taken</i></b>	<b>:</b>	1. Aventis were asked to provide details of the harvest date. (fax 20.06.01)



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<b><i>OS Reference</i></b>	:	NH 662 563
<b><i>Crop Grown</i></b>	:	Winter Oilseed Rape
<b><i>Report Number</i></b>	:	1 (Final)
<b><i>Site Inspection Date</i></b>	:	23.10.01
<b><i>Site Inspection Number</i></b>	:	V056
<b><i>Staff Seen</i></b>	:	Farmer (Farm Record Audit only)
<b><i>Inspection Details</i></b>	:	<p>Records of the trial and release site were discussed and examined.</p> <p>The GM crop was harvested on 21 August 2001. The combine was cleaned on site and cleanings were left on the release site. The harvested seed was securely bagged and stored until 31 August when it was sent off the farm for disposal.</p> <p>The release site was sown with winter wheat on 27 August. The site was sprayed with a mixture of herbicides, appropriate for the control of oilseed rape volunteers, on 26 September.</p> <p>A representative of the consent holder has regularly monitored the release site.</p> <p>The release site was walked. There were small patches of oilseed rape volunteers randomly distributed throughout the field at a low frequency. The herbicides had clearly affected the volunteers: their leaves were yellow. The plants are unlikely to survive the winter.</p>
<b><i>Report Conclusions</i></b>	:	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.
<b><i>Action Taken</i></b>	:	The Inspectorate will request a copy of the receipt for the disposal of the harvested seed at an approved landfill site.



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<b>OS Reference</b>	:	NH 662 563
<b>Crop Grown</b>	:	Winter Oilseed Rape
<b>Report Number</b>	:	2 (Final)
<b>Site Inspection Date</b>	:	23.10.01
<b>Site Inspection Number</b>	:	V056
<b>Staff Seen</b>	:	Farmer (Farm Record Audit only)
<b>Inspection Details</b>	:	<p><u>Records of the trial and release site were discussed and examined.</u></p> <p><u>The GM crop was harvested on 21 August 2001. The combine was cleaned on site and cleanings were left on the release site. The harvested seed was securely bagged and stored until 31 August when it was sent off the farm for disposal.</u></p> <p><u>The release site was sown with winter wheat on 27 August. The site was sprayed with a mixture of herbicides, appropriate for the control of oilseed rape volunteers, on 26 September.</u></p> <p><u>A representative of the consent holder has regularly monitored the release site.</u></p> <p><u>The release site was walked. There were small patches of oilseed rape volunteers randomly distributed throughout the field at a low frequency. The herbicides had clearly affected the volunteers: their leaves were yellow. The plants are unlikely to survive the winter.</u></p>
<b>Report Conclusions</b>	:	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.
<b>Action Taken</b>	<b>05.06.02:</b>	The Inspectorate received copies of the receipts for the disposal of the harvested seed at an approved landfill site.