



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/R20/2
Consent Holder	:	National Institute of Agricultural Botany
Release Details	:	Winter Oilseed Rape Transformed lines resistant to either glyphosate or glufosinate ammonium
SASA Site Number	:	S022
Site Details	:	Tillycorthie, Aberdeenshire
OS Reference	:	NJ 914 235
Crop Grown	:	Winter Barley
Report Number	:	1 (Final)
Site Inspection Date	:	09.05.01
Site Inspection Number	:	V039
Staff Seen	:	Trial Officer
Inspection Details	:	<p><u>Active-trial</u>: (1999 sown). There has not been a release of GM oilseed rape in this current growing cycle (autumn 2000/spring 2001). The field was sown last October with winter barley.</p> <p>Oilseed rape volunteers were observed in the trial blocks where sowings of oilseed rape had taken place in previous years. The management of these volunteers is part of the experiment.</p> <p>The winter barley will be sprayed with a herbicide to control these volunteers as outlined in the application.</p> <p>There were no compatible crops that could cross-pollinate with winter oilseed rape in the surrounding fields (grass, spring barley). The field margin was walked. No brassica volunteers were found within 100 metres of the trial site.</p>
Report Conclusions	:	No risks to human health and safety or the environment were identified. The trial is being conducted in accordance with the conditions of the consent.
Action Taken	:	None required.



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Consent Holder	:	NIAB
Release Details	:	Winter Oilseed Rape Transformed lines resistant to either glyphosate or glufosinate ammonium
SASA Site Number	:	S022
Site Details	:	Tillycorthie, Aberdeenshire
OS Reference	:	NJ 914 235
Crop Grown	:	Winter Oilseed Rape and Winter Barley
Report Number	:	29 (2 Final)
Site Inspection Date	:	27.03.02
Site Inspection Number	:	V063
Staff Seen	:	Head of Agronomy Department (audit only), Study Director, Scientific Officer
Inspection Details	:	<p><u>Active-trial</u>: (Year 1 of the Trial sown in 1999). The trial logbook and field plans were audited. This is the final GM field release (Year 4) for the experiment.</p> <p>The trial plots were sown using a standard seed rate of 6 kg/ha regardless of the variety.</p> <p>Two GM varieties had been sown on 3 September 2001. Each variety (in Rotation 1 and 3) was replicated in 4 plots in the trial. The size of the GM release for 2001/2002 was 1.84 ha.</p> <p>A field inspection was conducted. The plants in the trial were predominantly at the leaf growth stage, 1.12 to 1.15. Some plants (<50% of the crop) had progressed to stem extension, stages 2.2 to 2.3.</p> <p>The trial was clearly marked with temporary markers and could be identified in future years from reference points on the release site. Areas within the field that were not being trialled were sown with winter barley. There were no crops sexually compatible with oilseed rape in the neighbouring fields.</p> <p>No oilseed rape volunteers were observed either in the experimental blocks, within the field or around the field boundary.</p>
Report Conclusions	:	No risks to human health and safety or the environment were identified. The trial is being conducted in accordance with the conditions of the consent.
Action Taken	:	<ul style="list-style-type: none">• The Inspectorate asked for the 1000 seed weights of the GM varieties.• The Inspectorate asked for confirmation that the fencing separating neighbouring grass fields would prevent sheep and cattle from entering the site.• The Inspectorate asked to be sent details of cleaning of the seed drill and the return of excess seed to the consent holder.



29.07.02

- SAC informed the Inspectorate that the 1000 seed weight of variety PHW98407 was 6 g.
- SAC verified that the site was stock proof
- Seed drill cleansing and seed return documentation was available for inspection during the Inspectorate visit on 29.07.02.



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Consent Holder	:	NIAB
Release Details	:	Winter Oilseed Rape Transformed lines resistant to either glyphosate or glufosinate ammonium
SASA Site Number	:	S022
Site Details	:	Tillycorthie, Aberdeenshire
OS Reference	:	NJ 914 235
Crop Grown	:	Cereals
Report Number	:	54 (1 Fianl)
Site Inspection Date	:	2.07.03
Site Inspection Number	:	V114
Staff Seen	:	Scientific Staff
Inspection Details	:	<p>The trial is run according to protocols supplied by the consent holder (NIAB); copies of the harvest and post harvest monitoring protocols were provided at the Inspection.</p> <p>A site plan was already held by the Inspectorate, however, an updated copy detailing the 2001/02 season rotation layout was provided at the inspection.</p> <p>The field was swathed 7.08.03 and harvest took place between 11.08.02 and 19.08.02. The harvesting equipment was cleaned on site. The combine was cleaned a second time at the farm steading using an air line or vacuum cleaner.</p> <p>All the seed was bagged by 26.08.02. All material harvested from the entire site was disposed of to landfill in appropriately labelled double sealed large bulk bags. The disposal certificates were inspected and material had been uplifted on 5.11.02 and 19.12.02.</p> <p>After harvest the field was ploughed and sown with a combination of winter and spring barley. The trial site was regularly monitored for oilseed rape volunteers and related species. Two herbicide applications had been made and the field boundary had been rouged for volunteers. No volunteers were seen during the field inspection except two small plants in a tram line.</p> <p>The site had changed ownership, therefore, the Inspectorate asked for confirmation that the new owner was aware of the consent conditions relating to this site. The Inspectorate also asked for the contact details of the new owner.</p>
Report Conclusions	:	The trial site was being managed in accordance with the conditions of the consent. No risks to human health or the environment were identified.
Action Taken	:	The Inspectorate will write to SAC requesting confirmation that the new owner was aware of the consent conditions relating to this site as well as the owners contact details.



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OS Reference	:	NJ 914 235
Crop Grown	:	Cereals
Report Number	:	54 (2 Final)
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Site Inspection Number	:	V114
Staff Seen	:	Scientific Staff
Inspection Details	:	<p>The trial is run according to protocols supplied by the consent holder (NIAB); copies of the harvest and post harvest monitoring protocols were provided at the Inspection.</p> <p>A site plan was already held by the Inspectorate, however, an updated copy detailing the 2001/02 season rotation layout was provided at the inspection.</p> <p>The field was swathed 7.08.03 and harvest took place between 11.08.02 and 19.08.02. The harvesting equipment was cleaned on site. The combine was cleaned a second time at the farm steading using an air line or vacuum cleaner.</p> <p>All the seed was bagged by 26.08.02. All material harvested from the entire site was disposed of to landfill in appropriately labelled double sealed large bulk bags. The disposal certificates were inspected and material had been uplifted on 5.11.02 and 19.12.02.</p> <p>After harvest the field was ploughed and sown with a combination of winter and spring barley. The trial site was regularly monitored for oilseed rape volunteers and related species. Two herbicide applications had been made and the field boundary had been rouged for volunteers. No volunteers were seen during the field inspection except two small plants in a tram line.</p> <p>The site had changed ownership, therefore, the Inspectorate asked for confirmation that the new owner was aware of the consent conditions relating to this site. The Inspectorate also asked for the contact details of the new owner.</p>
Report Conclusions	:	The trial site was being managed in accordance with the conditions of the consent. No risks to human health or the environment were identified.
Action Taken	:	The Inspectorate will write to SAC requesting confirmation that the new owner was aware of the consent conditions relating to this site as well as the owners contact details.
4.08.03		SAC wrote to the Inspectorate confirming that the conditions of the consent had been included in the conditions of sale for the site. The Purchaser had accepted the conditions of sale. A copy of the conditions of sale were attached to the letter and were acceptable to the Inspectorate.



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<i>SASA Site Number</i>	:	S022
<i>Site Details</i>	:	Tillycorthie, Aberdeenshire
<i>OS Reference</i>	:	NJ 914 235
<i>Crop Grown</i>	:	Cereals
<i>Report Number</i>	:	67 (1 Final)
<i>Site Inspection Date</i>	:	11.06.04
<i>Site Inspection Number</i>	:	V128
<i>Staff Seen</i>	:	-
<i>Inspection Details</i>	:	The Inspectorate conducted a field inspection to verify that volunteer monitoring and control was ongoing at the site. There was evidence that volunteers had been rouged from the site and representatives of the consent holder confirmed this by Fax. The Inspectorate were content that monitoring and volunteer control at the site was appropriate.
<i>Report Conclusions</i>	:	The trial site was being managed in accordance with the conditions of the consent. No risks to human health or the environment were identified.
<i>Action Taken</i>	:	No action required