

Site assessments to check compliance with Part VI Environmental Protection Act 1990 and the Genetically Modified Organisms (Deliberate Release) Regulations 1992 (1995 and 1997) as amended

Winter 2002 Farm Scale Evaluations

Site: Fife, Newport on Tay

Genetically Modified Organism	Herbicide tolerant winter oilseed rape	
Consent holder and reference number	Aventis Crop Science Ltd	01/R33/11S
Grid reference	NO 429 252	
Near settlement	Newport on Tay	

Description of site ecosystem

General site description	In an area of arable farmland and managed grassland with loam soils
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Detailed breakdown of landuse types: density of land cover within a 5km radius around the proposed trial site.

Landcover Type	Broad leaved / mixed woodland	Coniferous woodland	Arable	Non-rotational arable & horticultural	Improved grassland	Setaside grass
Percentage	5.95%	6.92%	44.14%	0	12.78%	0
Area (Hectares)	498.58	580.27	3700.49	0	1071.79	0

Neutral grass	Calcareous grass	Acid grass	Bracken	Dense dwarf shrub heath	Open dwarf shrub heath	Fen, marsh and swamp	Bogs (deep peat)
4.27%	2.74%	0.44%	0.08%	0.22%	0.21%	0	0
357.71	230.11	36.83	6.77	18.68	17.96	0	0

Water (inland)	Suburban / rural developed	Continuous urban	Saltmarsh	Sea / estuary	Other	Total
0.09%	4.17%	1.74%	0.09%	11.64%	4.53%	100.00%
7.38	349.45	146.15	7.24	975.81	379.71	8384.93

Site(s) of scientific interest (SSSI) within 1 km	Sites: Pickletillem Marsh
Size compliant with maximum area permitted by consent	Yes
Site visited	Yes (12/02/02)
Is the site compliant with the original risk assessment	Yes. The location is in arable farmland where oilseed rape is normally grown

Description of Site

Ownership	The proposed field at grid reference NO 432 250 forms part of a family owned mixed enterprise farm. The farmer owns and farms the property.
Field size	The field is 24.6 hectares in size. Aventis CropScience have given notice that the area of the GM crop will not exceed 11 ha.
Soil type	A sandy loam soil.
Topography	The field is predominantly on a south facing slope.
Drainage	The field is free draining due to the slope and the soil type. Water drains to a ditch which eventually joins the Montray Water which flows south passing between Balmullo and Leuchars and out into the river Eden at Guardbridge.
Cropping History	Spring oilseed rape was last grown in the field six years ago (1996). The field rotation since then contained winter wheat, spring barley, potatoes and set-aside.
Surrounding Fields	Surrounding area contain a wood, grassland, and arable land. None of the surrounding fields are registered under the Organic Aid Scheme.

Conclusions

The site complies with the original risk assessment, the grid reference supplied is correct and the proposed size of the GM crop is within the maximum limit for the consent 01/R33/11S. The site is located in an area where oilseed rape is normally grown. There has been a previous Farmscale Evaluation site nearby.