

Spring 2002 GM Fodder Beet Farm Scale Evaluations – Individual Site Assessments

Consent: 99/R22/17

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**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.**

Spring 2002 Farm Scale Evaluations

Site: Rottington, Cumbria

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	NX 964 137
Nearest settlement	Rottington

Description of site ecosystem

General site description	In a coastal, agricultural area of managed grassland with some heath grass.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
NX964137	1.7	8.2	10.8	49.2	0.0	0.3	8.7	0.0

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.3	0.1	0.1	0.3	1.0	0.1	16.0	2.8

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	Yes (28 th February 2002)
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown

**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.**

Spring 2002 Farm Scale Evaluations

Site: Ludford, Lincolnshire

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	TF 218 889
Nearest settlement	Ludford

Description of site ecosystem

General site description	In an area of arable farmland.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
TF218889	0.1	4.6	74.8	14.3	1.7	0.1	0.7	0.0

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.0	0.3	0.0	0.0	0.0	0.1	0.0	2.4

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	No. Database and environmental data did not identify any local factors that may alter the risk assessment.
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown

**Site assessments to check compliance with
Part VI Environmental Protection Act 1990 and the
Genetically Modified Organisms (Deliberate Release) Regulations
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Spring 2002 Farm Scale Evaluations

Site: Twigworth, Gloucestershire

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	SO 852 224
Nearest settlement	Twigworth

Description of site ecosystem

General site description	In an agricultural area of managed grassland.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
SO852224	2.5	18.0	31.2	37.6	1.6	0.1	0.7	0.1

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.0	0.2	1.7	0.0	0.1	0.1	0.0	1.5

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	No. Database and environmental data did not identify any local factors that may alter the risk assessment.
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown

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Spring 2002 Farm Scale Evaluations

Site: Blaisdon, Gloucestershire

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	SO 710 177
Nearest settlement	Blaisdon

Description of site ecosystem

General site description	In an agricultural area of managed grassland with some woodland.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
SO710177	0.0	4.3	16.4	52.7	1.7	0.3	3.3	0.1

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.0	4.0	0.1	0.1	1.2	0.0	0.9	10.8

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	Yes (6 th March 2002)
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown

**Site assessments to check compliance with
Part VI Environmental Protection Act 1990 and the
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1992 (1995 and 1997) as amended.**

Spring 2002 Farm Scale Evaluations

Site: Beadlam, Yorkshire

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	SE 639 843
Nearest settlement	Beadlam

Description of site ecosystem

General site description	In an agricultural area with arable and managed grassland.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
SE639843	0.7	4.9	43.9	30.5	0.3	4.6	0.4	0.5

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.0	2.0	1.4	0.0	0.0	0.0	0.0	7.7

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	No. Database and environmental data did not identify any local factors that may alter the risk assessment.
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown

**Site assessments to check compliance with
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1992 (1995 and 1997) as amended.**

Spring 2002 Farm Scale Evaluations

Site: Frampton End, South Gloucestershire

Genetically Modified Organisms	Herbicide tolerant fodder beet
Consent holder and reference number	Monsanto plc; 99/R22/17
Grid reference	ST 675 823
Nearest settlement	Frampton End

Description of site ecosystem

General site description	In an agricultural area of managed grassland.
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Detailed breakdown of landuse types

Density (hectares/sq.km) of land cover within a 5 km radius around the proposed trial site

	Urban	Suburban	Tilled land	Managed grassland	Rough grass	Bracken	Heath grass	Open shrub heath
ST675823	0.5	13.2	20.4	49.8	1.4	0.1	4.5	0.2

Bog	Coniferous woodland	Inland bare	Salt marsh	Coastal bare	Inland water	Sea/ estuary	Deciduous woodland
0.0	0.7	0.6	0.0	0.0	0.1	0.0	3.2

Site(s) of Special Scientific Interest (SSSI) within 1 km	No
Size compliant with maximum area permitted by consent	Yes (less than 10 ha)
Site visited	Yes (5 th March 2002)
Is the site compliant with the original risk assessment?	Yes. The location is in agricultural land where fodder beet is normally grown