

## SCHEDULE 3

### INFORMATION TO BE INCLUDED IN APPLICATIONS FOR CONSENT TO RELEASE OR MARKET ORGANISMS OTHER THAN GENETICALLY MODIFIED HIGHER PLANTS

#### PART IV

#### INFORMATION RELATING TO THE INTERACTIONS BETWEEN THE GENETICALLY MODIFIED ORGANISMS AND THE ENVIRONMENT

##### **Characteristics affecting survival, multiplication and dissemination**

7.

54. The biological features which affect survival, multiplication and dispersal.

55. The known or predicted environmental conditions which may affect survival, multiplication and dissemination, including wind, water, soil, temperature and pH.

56. The sensitivity to specific agents.

##### **Interactions with the environment**

8.

57. The predicted habitat of the genetically modified organisms.

58. The studies on the behaviour and characteristics of the genetically modified organisms and their ecological impact carried out in simulated natural environments, such as microcosms, growth rooms and greenhouses.

59. The capability of post-release transfer of genetic material—

- (a) from the genetically modified organisms into organisms in affected ecosystems;
- (b) from indigenous organisms to the genetically modified organisms.

60. The likelihood of post-release selection leading to the expression of unexpected and/or undesirable traits in the genetically modified organism.

61. The measures employed to ensure and to verify genetic stability, the description of genetic traits which may prevent or minimise dispersal of genetic material, and methods to verify genetic stability.

62. The routes of biological dispersal, known or potential modes of interaction with the disseminating agent, including inhalation, ingestion, surface contact and burrowing.

63. The description of ecosystems to which the genetically modified organisms could be disseminated.

64. The potential for excessive population increase of the genetically modified organisms in the environment.

65. The competitive advantage of the genetically modified organisms in relation to the unmodified recipient or parental organisms.

66. The identification and description of the target organisms if applicable.

67. The anticipated mechanism and result of interaction between the released genetically modified organisms and the target organisms, if applicable.

**Changes to legislation:** *There are outstanding changes not yet made by the legislation.gov.uk editorial team to The Genetically Modified Organisms (Deliberate Release) (Scotland) Regulations 2002. Any changes that have already been made by the team appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes*

**68.** The identification and description of non-target organisms which may be adversely affected by the release of the genetically modified organism, and the anticipated mechanisms of any identified adverse interaction.

**69.** The likelihood of post release shifts in biological interactions or in the host range.

**70.** The known or predicted interactions with non-target organisms in the environment, including competitors, preys, hosts, symbionts, predators, parasites and pathogens.

**71.** The known or predicted involvement of the genetically modified organisms in biogeochemical processes.

**72.** Any other potential interactions of the organisms with the environment.

### Changes to legislation:

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### Changes and effects yet to be applied to the whole Instrument associated Parts and Chapters:

- Blanket amendment words substituted by [S.I. 2011/1043 art. 3-68-10](#)

Whole provisions yet to be inserted into this Instrument (including any effects on those provisions):

- Pt. 6A inserted by [S.S.I. 2019/86 reg. 16](#)
- Sch. 1 para. 6(4)(a)(i) word substituted by [S.S.I. 2023/374 Sch. 2 para. 2\(4\)](#)
- Sch. 1 para. 6(4)(b)(i) word substituted by [S.S.I. 2023/374 Sch. 2 para. 2\(5\)](#)
- sch. 1 para. 6(4)(a)(ii) words inserted by [S.S.I. 2022/361 reg. 14\(2\)\(ii\)](#)
- sch. 1 para. 6(4)(a)(i) words substituted by [S.S.I. 2022/361 reg. 14\(2\)\(i\)](#)
- sch. 2 para. 42 words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(c\)](#)
- sch. 2 para. 43 words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(c\)](#)
- sch. 2 para. 46 words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(c\)](#)
- sch. 2 para. 53 words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(d\)](#)
- sch. 2 para. 54(h)(i) words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(e\)\(i\)](#)
- sch. 2 para. 54(h)(ii) words substituted by [S.S.I. 2019/57 reg. 3\(25\)\(e\)\(ii\)](#)
- sch. 5A inserted by [S.S.I. 2019/57 sch. 2](#)
- reg. 11(1)(a)(aa) substituted for reg. 11(1)(a) by [S.S.I. 2019/86 reg. 4](#)
- reg. 15(1) reg. 15 renumbered as reg. 15(1) by [S.S.I. 2019/86 reg. 7\(a\)](#)
- reg. 15(1) word omitted by [S.S.I. 2019/57 reg. 2\(5\)\(b\)\(ii\)](#)
- reg. 15(1) word substituted by [S.S.I. 2019/57 reg. 2\(5\)\(a\)](#)
- reg. 15(1) words omitted by [S.S.I. 2019/57 reg. 2\(5\)\(b\)\(i\)](#)
- reg. 15(1) words substituted by [S.S.I. 2019/57 reg. 2\(5\)\(c\)](#)
- reg. 15(1)(a) words inserted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(i\)](#)
- reg. 15(1)(a) words substituted by [S.S.I. 2019/57 reg. 2\(5\)\(d\)\(i\)](#)
- reg. 15(1)(a) words substituted by [S.S.I. 2019/57 reg. 2\(5\)\(d\)\(ii\)](#)
- reg. 15(1)(b) words substituted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(iii\)](#)
- reg. 15(1)(c) omitted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(iv\)](#)
- reg. 15(1)(d) word inserted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(v\)](#)
- reg. 15(1)(e) substituted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(vi\)](#)
- reg. 15(1)(e) word inserted by [S.S.I. 2019/86 reg. 7\(c\)](#)
- reg. 15(1)(e) words substituted by [S.S.I. 2019/86 reg. 7\(b\)](#)
- reg. 15(1)(f) and word omitted by [S.S.I. 2019/86 reg. 7\(d\)](#)
- reg. 15(1)(g) omitted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(vii\)](#)
- reg. 15(1)(aa) inserted by [S.S.I. 2019/57 reg. 3\(6\)\(a\)\(ii\)](#)
- reg. 15(2) inserted by [S.S.I. 2019/86 reg. 7\(e\)](#)
- reg. 15(2) substituted by [S.S.I. 2019/57 reg. 3\(6\)\(b\)](#)
- reg. 16(2)(a)-(ab) substituted for reg. 16(2)(a) by [S.S.I. 2019/86 reg. 8](#)
- reg. 24(7)-(11) inserted by [S.S.I. 2019/86 reg. 10\(d\)](#)
- reg. 24(7) words substituted by [S.S.I. 2019/57 reg. 2\(6\)\(b\)](#)
- reg. 24(9) words substituted by [S.S.I. 2019/57 reg. 2\(6\)\(c\)](#)
- reg. 26(5)-(8) inserted by [S.S.I. 2019/86 reg. 11](#)
- reg. 26(5) substituted by [S.S.I. 2019/57 reg. 3\(13\)\(b\)](#)
- reg. 26(5) words substituted by [S.S.I. 2019/57 reg. 2\(8\)\(b\)](#)
- reg. 26(6) words substituted by [S.S.I. 2019/57 reg. 2\(8\)\(c\)](#)
- reg. 26(7) substituted for reg. 26(7)(8) by [S.S.I. 2019/57 reg. 3\(13\)\(c\)](#)
- reg. 26A26B inserted by [S.S.I. 2019/86 reg. 12](#)
- reg. 26A substituted by [S.S.I. 2019/57 reg. 3\(14\)](#)
- reg. 26A(1) words substituted by [S.S.I. 2019/57 reg. 2\(9\)](#)

- reg. 26B substituted by S.S.I. 2019/57 reg. 3(15)
- reg. 26B(1) substituted by S.S.I. 2019/57 reg. 2(10)
- reg. 29A29B inserted by S.S.I. 2019/86 reg. 13
- reg. 29A(1) words omitted by S.S.I. 2019/57 reg. 3(17)(a)(iii)
- reg. 29A(1)(a) word substituted by S.S.I. 2019/57 reg. 2(11)(a)(i)
- reg. 29A(1)(a) words substituted by S.S.I. 2019/57 reg. 2(11)(a)(ii)
- reg. 29A(1)(b) words substituted by S.S.I. 2019/57 reg. 3(17)(a)(i)
- reg. 29A(1)(c) full stop substituted for comma by S.S.I. 2019/57 reg. 3(17)(a)(ii)
- reg. 29A(2) omitted by S.S.I. 2019/57 reg. 3(17)(b)
- reg. 29A(3)(a) words substituted by S.S.I. 2019/57 reg. 2(11)(b)(i)
- reg. 29A(3)(b) word substituted by S.S.I. 2019/57 reg. 2(11)(b)(ii)
- reg. 29A(3)(c) word inserted by S.S.I. 2019/57 reg. 3(17)(c)
- reg. 29A(5) word inserted by S.S.I. 2019/57 reg. 3(17)(d)(ii)
- reg. 29A(5) word substituted by S.S.I. 2019/57 reg. 3(17)(d)(i)
- reg. 29A(6) word substituted by S.S.I. 2019/57 reg. 3(17)(e)
- reg. 29A(6) words inserted by S.S.I. 2019/57 reg. 2(11)(c)
- reg. 29A(7) words inserted by S.S.I. 2019/57 reg. 2(11)(d)
- reg. 29A(7)(a)(v) words omitted by S.S.I. 2019/57 reg. 3(17)(f)(i)
- reg. 29A(7)(b) word inserted by S.S.I. 2019/57 reg. 3(17)(f)(ii)
- reg. 29A(7)(b) word substituted by S.S.I. 2023/374 Sch. 2 para. 2(2)
- reg. 29A(7)(e) word substituted by S.S.I. 2023/374 Sch. 2 para. 2(3)
- reg. 29A(7)(e) words substituted by S.S.I. 2019/57 reg. 3(17)(f)(iii)
- reg. 29A(9)(a) omitted by S.S.I. 2019/57 reg. 3(17)(g)
- reg. 29A(11) words substituted by S.S.I. 2019/57 reg. 2(11)(e)
- reg. 29A(11) words substituted by S.S.I. 2019/57 reg. 3(17)(h)
- reg. 29A(12)(a) word inserted by S.S.I. 2019/57 reg. 2(11)(f)(i)
- reg. 29A(12)(a) words inserted by S.S.I. 2019/57 reg. 2(11)(f)(ii)
- reg. 29A(12)(a) words omitted by S.S.I. 2019/57 reg. 3(17)(i)
- reg. 29B(1)(a) words inserted by S.S.I. 2019/57 reg. 2(12)(a)(i)
- reg. 29B(1)(a) words inserted by S.S.I. 2019/57 reg. 2(12)(a)(ii)
- reg. 29B(1)(a) words substituted by S.S.I. 2019/57 reg. 2(12)(a)(iii)
- reg. 29B(1)(b) words inserted by S.S.I. 2019/57 reg. 2(12)(b)
- reg. 29B(1)(c) words substituted by S.S.I. 2019/57 reg. 3(18)(a)
- reg. 29B(2) words substituted by S.S.I. 2019/57 reg. 3(18)(b)
- reg. 30A inserted by S.S.I. 2019/86 reg. 14
- reg. 30A(1)(a)(i) word omitted by S.S.I. 2019/57 reg. 2(13)(a)(i)(bb)
- reg. 30A(1)(a)(i) word substituted by S.S.I. 2019/57 reg. 2(13)(a)(i)(aa)
- reg. 30A(1)(a)(i) words omitted by S.S.I. 2019/57 reg. 3(19)
- reg. 30A(1)(a)(iii) inserted by S.S.I. 2019/57 reg. 2(13)(a)(iii)
- reg. 30A(1)(a)(ii) word inserted by S.S.I. 2019/57 reg. 2(13)(a)(ii)
- reg. 30A(1)(b) words substituted by S.S.I. 2019/57 reg. 2(13)(b)(i)
- reg. 30A(1)(b) words substituted by S.S.I. 2019/57 reg. 2(13)(b)(ii)
- reg. 30A(1)(c) words substituted by S.S.I. 2019/57 reg. 2(13)(c)
- reg. 30A(1)(d) words substituted by S.S.I. 2019/57 reg. 2(13)(d)
- reg. 32B(1)(d) words substituted by S.S.I. 2019/57 reg. 2(14)(a)(i)
- reg. 32B(1)(d) words substituted by S.S.I. 2019/57 reg. 2(14)(a)(ii)
- reg. 32B(1)(e) words substituted by S.S.I. 2019/57 reg. 2(14)(b)
- reg. 34(3)(i) inserted by S.S.I. 2019/57 reg. 3(22)(a)(iii)
- reg. 34(3A) inserted by S.S.I. 2019/57 reg. 3(22)(b)
- reg. 34(7A) inserted by S.S.I. 2019/57 reg. 3(22)(d)
- reg. 35(3A) inserted by S.S.I. 2019/57 reg. 3(23)(b)
- reg. 35(7A) inserted by S.S.I. 2019/57 reg. 3(23)(c)