

SCHEDULE 4

Regulation 7(2)

Part I

Matters to be taken into account in carrying out an assessment for the purposes of regulation 7

1. The following matters shall be taken into account in carrying out an assessment for the purposes of regulation 7—
 - (a) the identification of any potentially harmful effects, in particular those associated with—
 - (i) the recipient organism,
 - (ii) the inserted genetic material (originating from the donor organism),
 - (iii) the vector,
 - (iv) the donor organism, and
 - (v) the resulting genetically modified organism;
 - (b) the characteristics of the activity involving genetic modification;
 - (c) the severity of the potentially harmful effects; and
 - (d) the likelihood of the potentially harmful effects being realised.
2. In paragraph 1, “potentially harmful effects” includes—
 - (a) disease to humans including allergenic or toxic effects;
 - (b) acting as a human disease vector or reservoir;
 - (c) adverse effects to humans arising from change in behaviour or in physical nature;
 - (d) adverse effects arising from the inability to treat human disease or offer effective prophylaxis.

Part II

Steps to be included when carrying out an assessment for the purposes of regulation 7

3. An assessment carried out for the purposes of regulation 7 shall include—
 - (a) identification of the harmful properties of the recipient and, where appropriate, the donor organism;
 - (b) identification of any harmful properties associated with the vector or inserted material, including any alteration in the existing properties of the recipient;
 - (c) identification of the provisional level of risk associated with the genetically modified organisms;
 - (d) selection of containment and other protective measures on the basis of—
 - (i) the provisional level of risk, and
 - (ii) the characteristics of the activity involving genetic modification;
 - (e) adjustment of the level of risk in the light of the matters referred to in sub-paragraph (d); and
 - (f) review and reconsideration of the containment and other protective measures in the light of the steps required by sub-paragraphs (a) to (e).