

Outdoor experiments involving genetically modified organisms (GMOs)

That were approved prior to July 1998

Prior to July 1998, outdoor experiments (e.g. field tests) involving GMOs were approved or declined by the Minister for the Environment following assessment and recommendation by the Interim Assessment Group (IAG).

Below is a list of the applications assessed by the IAG. Not all the applications are for outdoor activities. The IAG field trials that were still going after July 1998 were transferred to become approvals under the HSNO Act.

Application code	Year	Organisation	GMO/activity	Decision	Transferred to HSNO Act
IAG 1	1988	Ministry for Agriculture and Fisheries	Live attenuated vaccine for Aujeszky's disease.	Approved Did not proceed	No
IAG 2	1988	Department of Scientific and Industrial Research	Field trial of kanamycin-resistant potatoes.	Approved	No
IAG 3	1988	Department of Scientific and Industrial Research	Field trial of hygromycin-resistant potatoes.	Approved	No
IAG 4	1988	Department of Scientific and Industrial Research	Field trial of chlorsulfuron-resistant potatoes.	Approved	No
IAG 5	1988	Department of Scientific and Industrial Research	Field trial of kanamycin-resistant asparagus.	Approved	No
IAG 6	1988	?	Oryctes baculovirus for export.	Approved	No
IAG 7	1988	Canterbury University - Crop Research	Thaumatococcus taste test.	Approved	No
IAG 8	1989	Canterbury University - Crop Research	Thaumatococcus glasshouse trial.	Approved	No
IAG 9	1989	Coopers Animal Health	Large scale fermentation of <i>E. coli</i> to produce a sheep vaccine against sheep measles.	Approved	No
IAG 10	1989	?	Transportation of GM mice.	Approved	No
IAG 11	1989	?	Spermatozoa vector for GM sheep.	Not approved	N/A
IAG 12	1989	Department of Scientific and Industrial Research	Field trial of kanamycin-resistant potatoes.	Approved	No

Application code	Year	Organisation	GMO/activity	Decision	Transferred to HSNO Act
IAG 13	1989	Department of Scientific and Industrial Research	Field trial of chlorsulfuron-resistant potatoes.	Approved	No
IAG 14	1989	Department of Scientific and Industrial Research	Field trial of chlorsulfuron-resistant potatoes - scale up.	Approved	No
IAG 15	1989	?	Virus X-resistant potatoes.	Not approved	N/A
IAG 16	1989	Department of Scientific and Industrial Research	Field trial of potatoes for thaumatin production.	Approved	No
IAG 17	1989	?	Kanamycin-resistant petunias.	Not approved	N/A
IAG 18	1989	?	Glasshouse testing of ornamental A.	Not approved	N/A
IAG 19	1989	?	Glasshouse testing of ornamental B.	Not approved	N/A
IAG 20	1989	Department of Scientific and Industrial Research	Large scale fermentation of <i>E.coli</i> for production of the 18kD antigen of <i>Mycobacterium leprae</i> for vaccine.	Approved	No
IAG 21	1989	Department of Scientific and Industrial Research	Field trial of broccoli resistant to atrazine.	Approved	No
IAG 22	1990	Department of Scientific and Industrial Research	Large scale fermentation Of GM <i>E.coli</i> for production of enzyme (B-glucosidase).	Approved. Did not proceed	N/A
IAG 23	1990	Department of Scientific and Industrial Research	Field trial of potatoes resistant to virus Y.	Approved	No
IAG 24	1990	Department of Scientific and Industrial Research	Field trial of Chlorosulfuron-resistant potatoes.	Approved	No
IAG 25	1991	Department of Scientific and Industrial Research	Field trial of GM kiwifruit plants.	Approved	No
IAG 26	1991	?	Field trial of GM kale and rape plants.	Not approved	N/A
IAG 27	1992	Lincoln University	Field trial for progeny testing of an additional gene either for a marker enzyme or for a growth factor.	Approved	No

Application code	Year	Organisation	GMO/activity	Decision	Transferred to HSNO Act
IAG 28	1992	Crop & Food Research	Field trial of virus Y-resistant potatoes.	Approved	No
IAG 29	1992	Corson Grain Ltd	Field trial of imported GM maize for resistance to European Corn Borer and the herbicide "Buster".	Approved	No
IAG 30	1993	Corson Grain Ltd	Field trial of imported GM maize for resistance to European Corn Borer and the herbicide "Buster".	Approved	No
IAG 31	1993	USA/Genzyme Corporation	Field trial of GM goats for human protein production in milk / cystic fibrosis transmembrane conductance regulator.	Approved	No
IAG 32	1993	USA/Genzyme Corporation	Field trial of GM goats for human protein production in milk / cystic fibrosis transmembrane conductance regulator.	Approved	No
IAG 33	1993	Crop & Food Research	Field trial of virus Y-resistant potatoes.	Approved	No
IAG 34	1994	?	Transgenic sheep for hAAT production.	Not approved	N/A
IAG 35	1995	AgResearch	Field trial of white clover genetically modified for resistance to white clover mosaic virus.	Approved	Yes
IAG 36	1995	Lincoln University	Field trial for progeny testing of an additional gene either for a marker enzyme or for a growth factor (continuation of IAG 27).	Approved	No
IAG 37	1995	University of Otago	To develop an improved vaccine against bovine tuberculosis (<i>Mycobacteria bovis</i>).	Approved	No
IAG 38	1995	Corson Grain Ltd	Production of hybrid and inbred maize of European corn borer tolerant maize: nursery trial.	Approved	Yes

Application code	Year	Organisation	GMO/activity	Decision	Transferred to HSNO Act
IAG 39	1995	Corson Grain Ltd	Production of hybrid and inbred maize of European corn borer tolerant maize: field trial on isolated spot.	Approved	Yes
IAG 40	1996	Mitchell Partners - PPL Therapeutics	To develop transgenic rams from which a manufacturing flock of transgenic ewes could be derived in order to produce human alpha-1-antitrypsin in NZ (outdoors).	Approved	Yes
IAG 41	1996	Crop & Food Research	Field trial of transgenic brassicas carrying marker and reporter genes.	Approved	No
IAG 42	1996	Zeneca Seeds Inc	Field trial of canola containing Monsanto Corporation's Roundup Ready genes for glyphosate herbicide resistance.	Approved	Yes
IAG 43	1996	Plant Geneic Systems	Field trial of canola carrying herbicide resistance and the Barnase and Barstar genes.	Approved	Yes
IAG 44	1997	AgResearch	Large scale fermentation of genetically modified <i>Escherichia coli</i> to produce a protective antigen of the tapeworm parasite.	Approved	Yes
IAG 45	1997	Forest Research	Field trial of genetically modified <i>Pinus radiata</i> carrying reporter genes.	Approved	Yes
IAG 46	1997	Pioneer Hi-Bred International	Field trial of herbicide-tolerant maize for breeding purposes.	Approved	Yes
IAG 47	1997	Pioneer Hi-Bred International	Field trial of insect-tolerant maize for breeding purposes.	Approved	Yes
IAG 48	1998	Lincoln University	Field trial of sheep genetically modified to overexpress IGF-1 (insulin-like growth factor).	Approved	Yes

Application code	Year	Organisation	GMO/activity	Decision	Transferred to HSNO Act
IAG 49	1997	Massey University	Field trial of lisianthus genetically modified for altered plant pigmentation.	Approved	Yes
IAG 50	1997	Crop & Food Research	Field trial of peas modified for resistance to alfalfa mosaic virus.	Approved	Yes
IAG 51	1997	HortResearch	Field trial of tamarillo genetically modified for resistance to tamarillo mosaic virus.	Approved	Yes
IAG 52	1997	HortResearch	Field trial of apples genetically modified for reduced production of ethylene.	Approved	Yes
IAG 53	1997	Crop & Food Research	Field trial of broccoli genetically carrying an ethylene insensitivity or reversed ethylene-producing enzyme genes.	Approved	Yes
IAG 54	1997	Crop & Food Research	Field trial of genetically modified brassicas (with resistance to glufosinate ammonium herbicides).	Approved	Yes
IAG 55	1997	Crop & Food Research	Field trial of potatoes genetically modified for resistance to larvae of potato tuber moth.	Approved	Yes
IAG 56	1997	Crop & Food Research	Field trial of potatoes genetically modified for resistance to aphids.	Approved	Yes
IAG 57	1997	Crop & Food Research	Field trial of potatoes with soft rot and blackleg bacteria resistance.	Approved	Yes
IAG 58	1997	Southern Seed Technology	Field trial of barley carrying a heat stable mating enzyme and reporter genes.	Approved	Yes
IAG 59	1997	Kimihia Research	Field trial of genetically modified herbicide-resistant sugar beet.	Approved	Yes
IAG 60	1997	Zeneca Seeds Ltd	Field trial of genetically modified herbicide-resistant canola.	Approved	Yes