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Dealings involving intentional release

Details on the applications and licences for Dealings involving an intentional release (DIR) of a GMO into the environment.

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Dealings involving an Intentional Release (DIR) of GMOs into the environment are dealings with GMOs which can take place outside of containment facilities.

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Licence number	Project title	Organisation	Category	Release	Issue date	Licence status
DIR 204	Limited and controlled release of wheat genetically modified for increased tolerance to environmental stress	Trigall Australia Pty Ltd	Agricultural	Limited and controlled		Application under evaluation
DIR 203	Limited and controlled release of cotton genetically	Monsanto Australia Pty Ltd	Agricultural	Limited and controlled		Application under evaluation

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	modified for herbicide tolerance and insect resistance					
DIR 202	Commercial supply of a live attenuated vaccine containing canine distemper virus and a genetically modified canine parvovirus (Nobivac Puppy DP Plus) for dogs	Intervet Australia Pty Ltd	Veterinary	Commercial		Application under evaluation
DIR 201	Limited and controlled release of wheat and barley genetically modified for yield enhancement	The University of Adelaide	Agricultural	Limited and controlled		Application under evaluation
DIR 200	Fermentation and processing of recombinant proteins using genetically modified <i>Pichia pastoris</i>	Cauldron Molecules Pty Ltd	Other	Limited and controlled	7 February 2024	Current
DIR 199	Commercial release of banana genetically modified for	Queensland University of Technology	Agricultural	Commercial	12 February 2024	Current

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	resistance to Fusarium wilt tropical race 4 (TR4)					
DIR 198	Clinical trial of a genetically modified alphavirus (Getah virus) for cancer treatment	VRT Pharmaceuticals Pty Ltd	Medical	Limited and controlled		Application under evaluation
DIR 197	Clinical trial of genetically modified <i>Lactobacillus brevis</i> for treatment of inflammatory bowel disease	Novotech (Australia) Pty Ltd	Medical	Limited and controlled	21 September 2023	Current
DIR 196	Commercial supply of Qdenga, a live attenuated GM dengue vaccine	Takeda Pharmaceuticals Australia Pty Ltd	Medical	Commercial	23 November 2023	Current
DIR 195	Trial of a genetically modified vaccine against devil facial tumour disease in Tasmanian devils	University of Tasmania	Veterinary	Limited and controlled	14 June 2023	Current
DIR 194	Limited and controlled release of perennial ryegrass genetically	Grasslanz Technology Australia Pty Limited	Agricultural	Limited and controlled		Withdrawn

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	modified for increased metabolisable energy content					
DIR 193	Commercial supply of a genetically modified vaccine against infectious laryngotracheitis virus in chickens	Bioproperties Pty Ltd	Veterinary	Commercial	24 April 2023	Current
DIR 192	Clinical trial of a genetically modified (GM) chimeric Orthopoxvirus (CF33-hNIS) as a cancer treatment	Medpace Australia Pty Ltd	Medical	Limited and controlled	15 September 2022	Current
DIR 191	Commercial import and distribution of chrysanthemum genetically modified for altered flower colour	International Flower Developments Pty Ltd	Agricultural	Commercial	7 February 2023	Current
DIR 190	Commercial release of Indian mustard genetically modified for herbicide tolerance (RF3)	BASF Australia Ltd	Agricultural	Commercial	13 October 2022	Current
DIR 189	Limited and controlled release of	The University of Queensland	Agricultural	Limited and controlled	23 June 2022	Current

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	sorghum genetically modified for asexual seed formation					
DIR 188	Limited and controlled release of canola and Indian mustard genetically modified for altered oil content and herbicide tolerance	Nuseed Pty Ltd	Agricultural	Limited and controlled	8 June 2022	Current
DIR 187	Clinical trial of a genetically modified alphavirus for treatment of cancer	VRT Pharmaceuticals Pty Ltd	Medical	Limited and controlled		Ceased to consider
DIR 186	Limited and controlled release of wheat and barley genetically modified for yield enhancement and improved abiotic stress tolerance	The University of Adelaide	Agricultural	Limited and controlled	15 February 2022	Current
DIR 185	Clinical trial with a genetically modified Bordetella pertussis for the	PPD Australia Pty Ltd	Medical	Limited and controlled	8 December 2021	Current

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	prevention of whooping cough					
DIR 184	Clinical trial with a genetically modified human adenovirus COVID-19 vaccine	Avance Clinical Pty Ltd	Medical	Limited and controlled	25 June 2021	Current
DIR 183	Clinical trial with genetically modified E.coli to reduce antibiotic resistance	The Westmead Institute for Medical Research	Medical	Limited and controlled	20 July 2021	Current
DIR 182	Commercial supply of a genetically modified COVID-19 vaccine	Janssen-Cilag Pty Ltd	Medical	Commercial	19 April 2021	Current
DIR 181	Clinical trial of a genetically modified Herpes virus for the treatment of cystic fibrosis	Novotech (Australia) Pty Limited	Medical	Limited and controlled	7 July 2021	Surrendered
DIR 180	Commercial supply of a genetically modified COVID-19 vaccine	AstraZeneca Pty Ltd	Medical	Commercial	8 February 2021	Current
DIR 179	Clinical trial with a genetically modified Vaccinia virus	Novotech (Australia) Pty Limited	Medical	Limited and controlled	14 April 2021	Current

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	based treatment for solid cancerous tumours					
DIR 178	Commercial release of canola genetically modified for herbicide tolerance and a hybrid breeding system (MS11 × RF3 and MS11 × RF3 × MON 88302)	BASF Australia Ltd	Agricultural	Commercial	16 September 2021	Current
DIR 177	Clinical trial of genetically modified human adenovirus for bladder cancer treatment	Novotech (Australia) Pty Limited	Medical	Limited and controlled	1 February 2021	Current
DIR 176	Limited and controlled release of white clover genetically modified for increased condensed tannins	Grasslanz Technology Australia Pty Limited	Agricultural	Limited and controlled	31 March 2021	Current
DIR 175	Commercial release of canola (Brassica napus) genetically modified for herbicide	BASF Australia Ltd	Agricultural	Commercial	12 May 2021	Current

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	tolerance and a hybrid breeding system (MS11)					
DIR 174	Commercial supply of a genetically modified cholera vaccine, Vaxchora®	Bioclect Pty Ltd	Medical	Commercial	17 February 2021	Current
DIR 173	Commercial release of cotton genetically modified for herbicide tolerance (MON 88701)	Monsanto Australia Pty Ltd	Agricultural	Commercial	15 October 2020	Current
DIR 172		Withdrawn prior to assessment		Limited and controlled		Withdrawn
DIR 171	Clinical trial of genetically modified influenza vaccine (H3N2 M2SR)	Novotech (Australia) Pty Ltd	Medical	Limited and controlled	10 June 2020	Current
DIR 170	Trial of genetically modified vaccines against Ross River virus infection in horses	The University of Queensland	Veterinary	Limited and controlled	23 January 2020	Surrendered
DIR 169	Limited and controlled release of microalgae	The University of Queensland	Other	Limited and controlled	16 January 2020	Current

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	genetically modified for increased production of fatty acids					
DIR 168		Withdrawn prior to assessment		Limited and controlled		Withdrawn
DIR 167	Trial of genetically modified vaccines against Ross River virus infection in horses	The University of Queensland	Veterinary	Limited and controlled		Withdrawn
DIR 166	Limited and controlled release of chickpea genetically modified for drought and other environmental stress tolerance	Queensland University of Technology	Agricultural	Limited and controlled	28 May 2019	Surrendered
DIR 165	Limited and controlled release of wheat genetically modified for altered iron uptake, transport and bioavailability, and enhanced yield	The University of Melbourne	Agricultural	Limited and controlled	17 April 2019	Current
DIR 164	Limited and controlled	Monsanto Australia	Agricultural	Limited and controlled	21 November	Current

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	release of canola genetically modified for herbicide tolerance	Limited			2018	
DIR 163	Limited and controlled release of canola genetically modified for altered oil content and herbicide tolerance	Nuseed Pty Ltd	Agricultural	Limited and controlled	6 September 2018	Surrendered
DIR 162	Limited and controlled release of bread wheat and durum wheat genetically modified for enhanced rust disease resistance	CSIRO	Agricultural	Limited and controlled	11 July 2018	Current
DIR 161	A genetically modified respiratory syncytial virus (RSV) vaccine for use in clinical trials	Novotech (Australia) Pty Ltd	Medical	Limited and controlled	16 July 2018	Current
DIR 160	Limited and controlled release of perennial ryegrass	Department of Economic Development, Jobs, Transport and Resources	Agricultural	Limited and controlled	6 March 2018	Surrendered

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	genetically modified for fructan biosynthesis					
DIR 159	Limited and controlled release of genetically modified insect-specific viruses as vaccines against Kunjin virus infection in farmed crocodiles	The University of Queensland	Veterinary	Limited and controlled	9 May 2018	Current
DIR 158	Commercial release of safflower genetically modified for high oleic acid composition	Go Resources Pty Ltd	Agricultural	Commercial	27 June 2018	Current
DIR 157	Commercial release of cotton genetically modified for insect resistance (COT102)	Syngenta Australia Pty Ltd	Agricultural	Commercial	14 February 2018	Current
DIR 156	Limited and controlled release of buffalo grass genetically modified for herbicide tolerance and dwarf	Royal Melbourne Institute of Technology University	Agricultural	Limited and controlled	11 April 2018	Surrendered

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	phenotype					
DIR 155	Commercial release of canola genetically modified for omega-3 oil content (DHA canola)	Nuseed Pty Ltd	Agricultural	Commercial	13 February 2018	Current

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