

21 June 2022

J Bruning

via FYI.org.nz

email: fyi-request-19299-86846186@requests.fyi.org.nz

Dear J Bruning,

Official Information Act Request – Projects employing regulated gene bio technologies

Further to my letter of 3 June 2022, I advise that AgResearch is able to release the list of projects which we have identified were conducted during August 2019 to August 2021 utilising approvals under sections 38 to 42 of the Hazardous Substances and New Organisms Act, and which were in the biotechnology field. As we have needed to make some enquiry of staff in order to generate the list, please be aware that this list represents our understanding of the projects utilising those approvals during that time period, but may have unintended errors or omissions. Below is the list of projects:

Project Name	Number(number)
AI on hooves	15795
GM Forages	50215
Science Prize Plant Biotech	50217
Gastrointestinal interactions primary cell	11354X05
Inhibitors FY19	12991X02
FY19 5.3 Vaccine microbiology	12991X07
Fermented Foods Obj 3 Tastant Detection	14520x03
NGB Production and Formulation	294056x03
GM Forages High ME - Core	50210x01
Insect active nano-machines	PRJ0044654
Genome edit goats for sex ratio distortion	PRJ0096244
Application of Plant Biotechnology in Agriculture	PRJ0110170
Epichloë Endophytes for the Future Farm	PRJ0110180
Improving resource efficiency using gene edited endophytes to increase pasture resilience and animal productivity.	PRJ0119461
Food Integrity Food Omics	PRJ0126332
High-value New Zealand pigs for transplantable biomaterials	PRJ0133302
Rapidly evolving climate-smart dairy cattle	PRJ0133413
Understanding conception failure in the first week post-AI	PRJ0135065
CRB-G Biocontrol	PRJ0140317

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Condensed tannins in white clover	PRJ0187198 PRJ0385684
Inhibitors FY20	PRJ0187359
FY20 5.3 Methane Vaccine	PRJ0209904
Generating non-heading ryegrass	PRJ0239347
Ballance PSAB project	PRJ0245128
Methane vaccine 5.3 FY21	PRJ0263184
Methane Inhibitors 5.4 FY21	PRJ0277399
Rhizobium technology	PRJ0279788
Gibberellins in HiCT white clover	PRJ0361322
Quality control - Mycorrhiza product	PRJ0376852
Methane vaccine Sept - Dec 2021	PRJ0404396

Please note that AgResearch utilises biotechnologies, and therefore approvals under the Act, in a number of ways. The list above includes projects where one or more of the following applies:

1. Genetically modified organisms are imported into AgResearch's containment facilities;
2. Genetically modified organisms already held in AgResearch's containment facilities are used;
3. There is genetic modification of organisms, such as *E. coli*, for use as research tools during the projects; and
4. There is genetic modification of organisms where the modified organism is the goal of the projects.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

If you wish to discuss this decision with us, please feel free to contact me at 03 321 8800.

Yours faithfully,



Nick Barraclough
Team Leader - Legal