

Funded by Sustainable Farming Fund

Ministry for Primary Industries
Manatū Ahu Matua



Approved for funding for 2018/19 – projects commencing from 1 July 2018

| Project title | Applicant group | Total MPI amount | Project summary |
|---|---|------------------|---|
| Managing Annual Clovers in Dryland Hill Country | East Coast B+LNZ Farmer Council | \$72,080 | Understanding the management of new annual clovers in dryland hill country to improve the content of dryland pastures for improving farmer resilience in a changing climate |
| Innovative Drainage Management Technologies | Fertilizer and Lime Research Center (FLRC), Massey University | \$338,540 | Controlled drainage, bioreactors and drainage water recycling to improve water and nutrient use efficiency and reduce water quality impacts |
| Reducing Sediment Loss from Winter Crops | Catch Crop Sediment Mitigation Group. | \$502,552 | Evaluating a range of catch crop species and establishment techniques that reduce sediment losses after the winter grazing of forage crop programmes. |
| Building Trust - Telling the Farming Story | Irrigation NZ | \$180,000 | This project will pilot a visual information platform to show the tangible actions farmers are taking to improve water quality in their catchment. |
| Optical Sensors for N-fertilising Dairy Pastures | Bringing N-sensing to dairy pastures | \$354,000 | South Canterbury farmers will improve N-fertilisation of dairy pastures using optical sensors, providing both economic and environmental benefits. |
| Fire Blight: Control for Intensive Orchards | New Zealand Apples & Pears Inc | \$543,478 | Develop and implement new tools and strategies to sustainably manage fire blight in modern, intensive pip-fruit orchards, and nurseries. |
| Adaptive Management of Coastal Forestry Buffers | Tāne's Tree Trust | \$264,668 | Transition options for exotic coastal buffers to indigenous buffers in the upper North Island |

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| Good Management Practices for Cropping Setbacks | Effective Setbacks Initiative | \$95,600 | Determining effective use of setbacks on cultivated land with varying slopes to mitigate sediment and phosphorus loss to waterways. |
| Integrated Sclerotinia Management in Kiwifruit | The Integrated Sclerotinia Control Group | \$546,640 | Develop an integrated fruit production system for the kiwifruit industry for sclerotinia disease using cultural & biological control & risk prediction |
| Future Proofing Vegetable Production | LandWISE Inc | \$460,366 | Integrating advanced vegetable production nutrient management and mitigation practices to remain viable under increasing environmental expectations |
| Our Farms - Our Water - Our Future | Clutha Community Trust | \$39,224 | Building on our water quality project increasing delivery of information to educate farmers to manage and improve the quality of water leaving their properties. |
| ABAtE: Active Bacteriophages for AFB Eradication | AFB Management Agency & Massey University | \$278,575 | Discovery, Sequencing and Application Studies of Bacteriophages as a Bio-protectant against American Foulbrood in New Zealand. |
| Project Clean Hive | Otago AFB Risk Management Group | \$143,085 | Beekeepers in Otago/Southland have identified the opportunity to pilot proposed new tests, and to develop testing protocols, to eradicate clinical American Foul Brood |
| Ramularia: Minimising the threat to barley crops | Foundation for Arable Research | \$199,619 | The project will deliver management strategies to minimise yield and financial losses caused by the disease Ramularia leaf spot in barley. |
| Food Products for the Future | Future Foods - FAR | \$178,240 | Evaluate and develop new crop species and cultivars for future food products |
| Smart tools to improve orchard drainage | New Zealand Apples & Pears Inc., LandWISE | \$180,670 | Adapt Precision Ag technology to minimise the impact of poor drainage on labour, equipment, hazards and fruit rot diseases in orchards |

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| Farmer interface for Physiographic Environments | e3Scientific Ltd | \$444,200 | A web-based spatial platform for farmers to access Physiographic Science - explaining 'how' and 'why' water quality varies across New Zealand |
| Catch crops to reduce nitrate leaching | Catch Crop Development Group | \$401,020 | A farm-based project to develop the use of catch crops to reduce nitrate leaching under winter forage grazing in the Canterbury and Southland regions. |
| Pomahaka Catchment Project | Pomahaka Water Care Group | \$355,610 | To improve water quality in the Pomahaka catchment through the investigation of mitigation tools, and the promotion of good management practices. |
| The Planting Native Forests Toolkit | Tāne's Tree Trust | \$178,908 | Web-based calculators on productivity, carbon and economics for planting native forest with best-practice guidelines. Free on-line toolkit for those planting native forests. |
| Next Generation: Succession Planning and Upskilling | NZ Deer Farmer's Association Next Generation Steering Group | \$21,000 | Creating effective farm succession planning knowledge via skilled facilitated regional workshops developed for our "Next Gen" of deer farmers |
| One Winter - Two Springs | Hill Country Tagasaste Management Group | \$461,000 | Building on what we know to develop establishment and management guidelines for tagasaste on steep and drought-prone NZ hill country pastures. Tagasaste is a high protein vegetation suitable for sheep and cattle fodder, which thrives on steep, erosion-prone land. |
| Making Fodder Beet Sustainable for Dairy Cattle | South Island Dairying Development Centre (SIDDC) | \$565,000 | Provide new solutions for animal health issues arising from fodder beet feeding, and ensure fodder beet has a sustainable future in NZ dairy systems. |
| Environmental Benefits of Arable Feeds | Foundation for Arable Research | \$72,000 | Understanding the effects of feeding grains and crop silage in mixed dairy diets in order to reduce environmental impacts using case-study farms. |

Approved for funding under SFF Tere pilot for small projects - commencing from early 2018

| Project Title | Applicant Group | MPI Amount | Project Summary |
|---|---|-------------------|--|
| The opportunity and challenges of dairy calves | Industry Leadership Group | \$ 79,828 | This project will inform the development of a pan sector strategy around the opportunities and challenges with New Zealand dairy calves. |
| An alternative to clear-felling for radiata pine | Wellington and Wairarapa Branches, NZ Farm Forestry Association | \$ 52,140 | A feasibility study to evaluate the potential for a continuous cover forestry system in small-scale radiata pine plantations. |
| Assessing and improving farm biosecurity | Cognosco - Anexa FVC | \$ 70,000 | This study will semi-quantify and communicate biosecurity risk based on human, vehicle, equipment and animal movement between dairy farms. |
| Calculating the economic impact of pest incursions | New Zealand Forest Research Institute Ltd trading as Scion | \$ 70,000 | A decision support tool to calculate the economic impact of pest incursions. Informing rapid strategic responses and level of investment required. |