

RDC COLLABORATION

PROJECT INFORMATION						AWI FINANCIAL EXPENDITURE IN 2019/20*	PARTNER DETAILS
PROJECT CODE	PROJECT NAME	PROJECT AIM(S)	PROJECT START DATE	PLANNED PROJECT END DATE			
CS-00192	Sheep Reproduction RD&E Impact Assessment	This project reviewed and assessed completed and ongoing industry projects and initiatives against the objectives of the Sheep Reproduction RD&E Investment Plan 2012-2017 (SRRIP), Wool Industry National RD&E Strategy 2018-2022 (WIRNS), Meat Industry Strategic Plan 2020 (MISP), Sheepmeat Industry Strategic Plan 2015-2020 (SISP), National Animal Welfare RD&E Strategy and Sheep CRC. The project delivered a detailed assessment of some remaining research and/or adoption gaps, and provided a series of recommendations for RD&E investments based on an economic impact assessment of the key priority areas and potential opportunities for delivering further industry impact.	19/08/2019	31/3/20	\$30,376.91	Animal Health Australia, Meat and Livestock Australia	
OF-00541	Participation in EU PEF TAB	The European Union Product Environmental Footprint (PEF) is a program for reporting the environmental impacts of a product or organisation, covering the full supply chain back to primary production. A high-level review revealed the proposed system does not accurately account for Australia's environment and will unreasonable disadvantage Australian products. This joint RDC project aims to technically engage with the PEF method development process and maximise the chance for improving the methods in favour of Australian Industry Agriculture.	15/09/2019	30/12/21	\$26,166.32	Agrifutures, Cotton Research and Development Corporation, Grains Research and Development Corporation, Meat and Livestock Australia, Sugar Research Australia	
ON-00382	PARABOSS – PHASE II	ParaBoss is the national resource for sheep parasite control in Australia, responsible for the development and delivery of national best practice and industry information, training and extension tools on sheep and goat parasite management. Collaborative project with funding from MLA and UNE to maintain ParaBoss and its suite of products (WormBoss, FlyBoss and LiceBoss).	9/05/2016	30/6/20	\$100,688.05	MDC, Meat and Livestock Australia, University of New England	
ON-00387	Agrifutures Horizon Undergraduate Scholarship	The Horizon Scholarship supports undergraduates studying agriculture at university by providing a bursary throughout their university degree, professional development workshops and mentoring, annual industry work placements that give students first-hand exposure to modern agricultural practices, and opportunities to network and gain knowledge at a range of industry events.	14/6/16	30/6/20	\$20,000.00	Agrifutures, Australian Eggs, CRCNA, Cotton Research and Development Corporation, Dairy Australia, Hort Innovation, Meat and Livestock Australia	
On-00397	Nuffield Farming Scholarships	AWI provides support and funding to the Nuffield Scholarship program for one wool industry representative. AWI provides the recipient with guidance, industry insights and direction in regards to their research topic. AWI also provides professional links and global connections for Nuffield wool scholars.	12/10/16	On-going	\$53,000.00	Agrifutures, CBH Group, CPC, Cotton Australia, Dairy Australia, Fisheries Research Development Corporation, Grains Research and Development Corporation, Hort Innovation, NSW Department of Primary Industries, NT Government, Royal Agricultural Society of NSW, Wine Australia	
ON-00408	Virtual Fencing	Enhancing the profitability and productivity of livestock farming through virtual herding technology' is a four-year project to evaluate the application of virtual herding (VH) technology across different production systems and examine the responses of different livestock (dairy cattle, beef cattle, sheep) to various cues and stimuli to improve productivity and profitability in the livestock industries.	25/07/2016	1/3/21	\$45,000.00	Agersens, AP, CSIRO, Dairy Australia, Department of Agriculture, Water and the Environment, Tasmanian Institute of Australia, University of Melbourne, University of New England	
ON-00412	Science & Innovation Awards	The Science and Innovation Awards for Young People in Agriculture, Fisheries and Forestry is an industry scholarship program managed by ABARES. Its aim is to encourage science, innovation and technology in rural industries and help to advance the careers of young scientists and innovators through national recognition of their research ideas. The aim of this project is for AWI to support young people within the wool industry to further their research capacity through the Young Science Awards and increase engagement between the award recipients and AWI and the National Wool RD&E strategy.	12/10/16	Ongoing	\$22,727.00	Australian Eggs, Australian Meat Processor Corporation, Australian Pork Limited, Cotton Research and Development Corporation, CSIRO, Fisheries Research Development Corporation, Forrest & Wood Products Aus, Grains Research and Development Corporation, Meat and Livestock Australia, Wine Australia	
ON-00430	P-Efficient Pastures – Del. High N & Water	This project builds on research that has shown that phosphorus accumulation in a grazing system soil is significantly reduced when it is managed at a lower soil test P concentration, and on work that has identified high-yielding pasture legumes with lowered P requirements. It aims to deliver a transformational change that can reduce the P-dependence of Australian agriculture. An update to the P-tool is also a project outcome.	1/11/2016	15/12/20	\$30,000.00	Australian Department of Agriculture, Water and the Environment, CSIRO, Dairy Australia, Grower Groups, Meat and Livestock Australia, NSW Department of Primary Industries, University of Western Australia	
ON-00458	Making More From Sheep Legacy Management	Making More From Sheep (MMFS) is an online best practice package of information and tools for Australian sheep producers. The MMFS website and manual captures the 'must dos' of managing a successful sheep enterprise, generated from years of research and on-farm experience. The aim of Making More From Sheep is to lower the cost of production of wool on-farm by increasing the productivity of sheep and land and increasing the efficiency of use of inputs & resources.	12/06/2017	30/6/20	\$5,524.37	Meat and Livestock Australia	
ON-00488	Improving Success of Sheep AI Program	The aim of this project is to improve success rates and reliability of AI programs by: (1) Developing new treatment protocols that are able to consistently produce improved levels of synchrony of oestrus; (2) Identifying and controlling specific aspects of flock management that influence synchrony of oestrus; and (3) Conducting a national survey of sheep AI results to determine success rates, to identify problems within regional areas and to identify flocks that may assist in the development of new strategies to improve success rates.	1/09/2017	30/6/21	\$5,400.00	SARDI	

* Financial expenditure does not capture AWI's contribution of expertise, time and non-monetary resources more generally

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ON-00490	RRD4P Dryland Legume Pasture Systems	This project will increase the production, profitability and sustainability of wool and meat in mixed farming areas, while cropping production is expected to be maintained. The project seeks to increase the adoption of novel legumes arising from over one million hectares in the low and medium rainfall areas of southern Australian (WA, SA, Victoria and southern NSW). It will focus on cultivars of biserrula, ornithopus, aerial trifoliums, trigonella, scorpiurus, hedysarum, with germplasm choice guided by rainfall level and soil type. The project is supported by GRDC, AWI and MLA and involves Murdoch University, CSIRO, SARDI, DAFWA and CSU, and 10 grower groups in five integrated programs of work: legume selection, cropping systems, livestock systems, economics and farm modelling and extension.	1/09/2017	30/5/22	\$100,000.00	Australian Department of Agriculture, Water and the Environment, Charles Sturt University, DPIRD, Grains Research and Development Corporation, Grower Groups, Meat and Livestock Australia, Murdoch, NSW DPI, PIRSA,
ON-00528	Australian Rural Leadership Program	The Australian Rural Leadership Program (ARLP) is a nationally-renowned program that aims to develop the leadership capabilities of 30 participants from across rural, regional and remote Australia. AWI provided funding for one wool industry scholarship for the (ARLP) course in the years 2018, 2019 and 2020. On completion, of the program graduates have significantly higher understanding of the strategic issues facing the wool industry, as well as their community and rural Australia more generally. They are more prepared to contribute as leaders through improved skills, having a clear vision for the future and by using the strategic alliances they have developed whilst completing ARLP.	21/7/18	On-going	\$50,000.00	Australian Department of Agriculture, Water and Energy, Australian Honey Bee Council, Australian Livestock Exporters' Council, Australian Meat Processors Association, Australian Pork, Canegrowers, CBH Group, Cotton Australia, Cotton Research Development Corporation, CPC, Dairy Australia, Department of Health, Fisheries Research Development Corporation, Goat Industry Council of Australia, Grains Research and Development Corporation, James Cook University, Meat and Livestock Australia, Monash University, National Farmers Federation, NSW Department of Primary Industries, NT Department of Primary Industry and Resources, Queensland Farmers' Federation, Ricegrowers Association of Australia, Sheep Producers of Australia, Torres Strait Regional Authority, Wine Australia
ON-00589	What is the Nutritive Value of Crop Stubbles?	(This project has been extended into ON-00759) It had been many years since nutritive value of stubble data had been collected. As plant genetics have changed greatly over the past couple of decades, it is important that producers have access to the recent data to make well-informed decisions when feeding their livestock and managing their natural resources. This project will provide farmers with up-to-date information on the feeding value of modern crop stubbles. In addition, the project team will examine variability in the feed value of chaff piles and the requirements for supplementary feeding of sheep grazing stubbles.	1/09/2018	30/6/20	\$-	CSIRO, Meat and Livestock Australia
ON-00590	No More Gaps with Superior Shrub Systems	Nutritional gaps present a large production cost to woolgrowers across Mediterranean and dry areas of Australia. Shrubs lift farm profitability by reducing supplementation requirements, allow deferred grazing of regenerating pastures, and buffer between-season variation in forage supply. In this project the research team will conduct collaborative research with 6 producer groups to: (1) collect paddock scale productivity and economic data demonstrating that sheep and cattle can utilise adjacent shrubs to improve conversion ratios of crop residue, (2) quantify benefits arising from using fertilisers and/or adapted annual legumes within systems, and (3) investigate opportunities to halve establishment costs.	1/09/2018	30/6/21	\$-	CSIRO, Meat and Livestock Australia
ON-00613	AgHealth and Safety Partnership	The Health and Safety Farming Alliance will replace PIHSP to provide coordinated and collaborative leadership in improving health and safety RD&E outcomes for farmers and fishers. The partnership will deliver practical research, development and innovations that contribute to a reduction in the incidence of death and injuries in the agricultural and fishery industries. It will also support the national coordination of health & safety strategies for primary industries in partnership with external organisations.		30/6/22	\$20,000.00	AgriFutures Australia, Australian Egg Corporation, Australian Meat Processing Association, Australian Pork Limited, Cotton Research and Development Corporation, Dairy Australia, Fisheries Research and Development Corporation, Grains Research and Development Corporation, Horticulture Innovation Australia, Meat and Livestock Australia, Sugar Research Australia and Wine Australia.
ON-00615	Farmers2Founders	Farmers2Founders (F2F) is an innovation program tailored to producers that equips them to act as frontline innovators so they can solve critical agricultural industry challenges. The project develops entrepreneurship and technology capabilities amongst participants so they can successfully bring new ag tech solutions to market. The joint-RDC approach help increase collaboration between producers and the global ag tech ecosystem and attract private investors to the industry.	1/11/2018	30/6/20	\$284,500.00	AgriFutures, Grains Research and Development Corporation, Meat and Livestock Australia, Wine Australia
ON-00618	Australian Pastures Genebank – Phase 2	The Australian Pastures Genebank (APG) Phase 1 was established in 2013 and operates under the framework of the International Treaty on Plant Genetic Resources for Food and Agriculture. It has been administered by SARDI at the University of Adelaide Waite Campus. The APG stores small quantities of mandated germplasm and related information available for food and agricultural Scientific Research, Plant Breeding and Genetic resource conservation and education.	1/07/2019	30/6/24	\$176,181.80	All State DPIs, Agrifutures, Dairy Australia, Grains Research and Development Corporation, Meat and Livestock Australia
ON-00631	Wild Dog Community Engagement	This project will increase landholder participation coordinated baiting and trapping programs, specifically targeting disengaged landholders. This project will improve the economic viability of agricultural enterprises that are currently impacted by wild dog predation, reduce detrimental impacts of wild dogs on biodiversity, increase community cohesion and social capital by facilitating collective action and improving communities shared understanding of the problems caused by wild dogs and how to best manage them.	23/11/2018	30/8/20	\$-	Centre for Invasive Species Solutions, Meat and Livestock Australia, University of New England

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ON-00635	CRSPI – 2018-2020	The Climate Research Strategy for Primary Industries (CRSPI) was established as a collaborative network to coordinate knowledge exchange and where agreed to coordinate climate change research in primary industries related to climate research in primary industries within the National Primary Industries Research, Development and Extension Framework administered by AgSOC.	1/01/2019	30/6/21		\$15,975.00	Australian Meat Processor Corporation, Australian Pork Limited, Australian Wool Innovation Ltd, Cotton Research & Development Corporation, Grains Research & Development Corporation, Wine Australia, Meat & Livestock Australia Limited, AgriFutures Australia, Western Australia Agriculture Authority represented by the Department of Primary Industries and Regional Development, Department of Primary Industries, Parks, Water & Environment, Department of Primary Industries for and on representing the Crown in the right of the State of New South Wales, Queensland Department of Agriculture and Fisheries, Northern Territory, Department of Industry, Tourism and Trade, Australian Government, Department of Agriculture, Water and the Environment, Commonwealth Scientific and Industrial Research Organisation, Australian Eggs Ltd, Horticulture Innovation Australian Limited.
ON-00649	Refining Body Condition Score	This project will investigate whether ewe flocks vary in their conception response to improved ewe body condition score and if enterprises could be more profitable when a range of targets are provided for a wider range of conditions. The project will support and enhance the current cost-benefit estimates in the LTEM adoption package for a wider set of conditions and will lead to increased adoption of best practice management tools.	21/06/2019	30/6/22		\$-	Meat and Livestock Australia, NSW Department of Primary Industries
ON-00650	Better Use of Pregnancy Scanning Technology	This project targets 25% greater adoption of pregnancy scanning over 10 years with 25% more flocks managed according to litter size, leading to a 5% increase in twin lamb survival in Merinos (0.4 million extra lambs weaned/year), faster lamb growth and higher ewe survival. Opportunities to further improve the utility of pregnancy scanning will also be investigated, including identifying early indicators of foetal health, the feasibility of remote diagnosis of scanning imagery, machine learning and the better linking of the technology with EID sheep tags and associated data capture. The outcomes address key barriers to adoption and strengthening the business case for pregnancy scanning.	14/06/2019	31/8/22		\$-	Meat and Livestock Australia, University of Adelaide, AC Ag Consulting, AGBU, AgriPartner Consulting, Makin Outcomes, NSW Department of Primary Industries, Rural Directions and the SA Livestock Consultants Group
ON-00651	SHW Program Management & Implementation	Key deliverables under this project include AWI's contribution to the management of the National Animal Welfare RD&E (NAWRDE) Strategy and the National Animal Biosecurity RD&E Strategy (NABRDES). The aim of the NABRDES is to facilitate nation-wide consistency in prioritising biosecurity risks and applying a collaborative approach to RD&E that protects our animal food and fibre producing industries. Delivery of the NABRDES is coordinated by Animal Health Australia, and the 17 members (which includes all jurisdictions and livestock RDCs) contribute an equal share to fund the secretariat and costs associated with Strategy deliverables, meetings and an annual investment showcase. The purpose of the Strategy is to develop national arrangements to deliver strong collaboration amongst existing RD&E provider groups, and effective partnerships between investors and providers. The Strategy is implemented by the Strategy Committee, comprising all livestock industry RDC's, major RD&E providers and Government investors. Federal Government, Animal Health Australia and the RSPCA have observer membership status, and links to other organisations with interests in primary industry animal welfare RD&E occur through the Annual Forum and a corresponding members list. The 26 Steering Committee members contribute an equal share to fund the secretariat and costs associated with meetings and the annual Forum. Strategy administration, including the engagement of a part-time executive function, is managed on behalf of the Strategy members by Australian Pork Limited.	1/07/2019	30/6/21		\$11,459 *this funding is AWI's contribution to the NAWRDES and NABRDES for the period 2020 to 2022.	Australian Meat Processors, Australian Pork, Charles Sturt, CSIRO, Live Export Corp, Murdoch University, University of New England, Agriculture Victoria, Agrifutures, Australian Department of Agriculture, Water and Energy, Australian Eggs, Central Queensland University, Dairy Australia, Meat and Livestock Australia, NSW Department of Primary Industries, PoultryHub, South Australia Research and Development Institute, University of Auckland, University of Tasmania, University of Melbourne, University of Newcastle, University of Queensland, University of Sydney, University of Western Australia, WA Department of Primary Industries and Regional Development,
On-00668	Sheep & Wool Survey	The AWI & MLA Wool and Sheepmeat Survey is a collaborative initiative to provide the Australian wool industry with statistically significant, reliable data on livestock numbers and lamb production expectations. The survey is conducted tri-annually and captures production and producer intentions. These results underpin the cross-industry Australian Wool Production Forecasting Committee which provides estimates for future wool production.		30/7/20		\$84,885.00	Meat and Livestock Australia
ON-00718	Supplementary Feeding Strategies for Lambs	Whilst recognised as an essential nutritional management task in many enterprises, anecdotal evidence has suggested that supplementary feeding ewes at lambing may cause them to abandon their lambs which could reduce lamb survival. There is conflicting opinion as to whether trail feeding or the use of self-feeders is more favourable for lamb survival. This project will evaluate the effects of various methods for trail feeding and self-feeders at lambing on ewe behaviour and lamb survival, delivering guidelines to producers for supplementary feeding during lambing to optimise lamb survival.	25/11/2019	27/4/20		\$-	Charles Sturt University, Meat and Livestock Australia, Murdoch University
ON-00719	Online Producer Tools	Australian woolgrowers are assisted by access to online information and tools to help inform decision making in the businesses. AWI works with a number of industry partners to deliver these tools to industry. One such example in this project is the Evergraze website, which is currently managed by AWI on behalf of MLA and Agriculture Victoria. Project activities include finding opportunities to promote the Evergraze tools and findings to growers, keeping the website up to date and making improvements to tools and resources as new information comes to hand.	17/11/2019	31/5/20		\$-	Meat and Livestock Australia, Grains Research & Development Corporation, CSIRO, Dairy Australia, Agriculture Victoria
						\$1,070,424.45	

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