

RDC COLLABORATION 2020-2021

PROJECT INFORMATION						AWI FINANCIAL EXPENDITURE IN 2020/21*	ORGANISATION
PROJECT CODE	PROJECT NAME	PROJECT INFORMATION	START DATE	END DATE			
CS-00214	Stakeholder Memberships 2020/2021	Woolgrowers and the Australian Government expected on-going collaboration with other RDCs, public and privately funded research institutes and the commercial sector. By continuing annual memberships with International Wool Textile Organisation (IWTO), Wool Industries Australia (WIA) and Council of Rural Research and Development Corporation (CRRDC) . AWI participated in industry engagements, rural innovation, wool textile education to ensure a sustainable wool industry.	7/1/2020	30/6/2021	287,041.00	Federation of Australian Wool Organisations, International Wool Textile Organisation, Federation of Australian Wool Organisations, International Wool Textile Organisation, Council of Rural Research and Development Corporations, Agricultural Innovations	
OF-00541	Participation in EU PEF TAB	The European Union Product Environmental Footprint (PEF) is a government backed program for reporting the environmental impacts of a product or organisation, covering the supply chain back to primary production. The key objectives were; 1.Engage with the PEF TAB during the transition phase, to promote use of methods suitable for the agricultural products produced by the represented industries (cotton, grains, wine, red meat and wool). Engagement is to include participation in TAB and the agricultural modelling working group meetings, as required. 2.Provide detailed technical knowledge for engagement at the policy level. The team will provide technical information in the form of written briefs and engagement sessions with DFAT staff in Brussels (via telecon and face-to-face meetings) and to industry representatives from the funding bodies. This will underpin policy engagement with the PEF program. 3.Conduct a screening analysis and method assessment of proposed PEF methods for one agricultural product for each of the represented industries.	15/9/2019	30/12/2021	37,649.00	Cotton Research and Development Corporation, Grains Research and Development Corporation, Meat & Livestock Australia	
ON-00430	P-Efficient Pastures – DeL. High N & Water	The project objective was to: (i) low P systems that support greater water- and nitrogen-use efficiency; (ii) development of better adapted plants that will support an expansion of the new P-efficient production systems; (iii) implementation by working directly with producers and advisors to fast track knowledge exchange, and (iv) contextualisation of the science to a larger farm scale application to support change at local and industry levels.	11/1/2016	30/9/2021	-	NSW Department of Agriculture, Water and Environment, NSW Department of Primary Industries, Meat & Livestock Australia, Dairy Australia, University of Western Australia, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Grower Groups	
ON-00490	RRD4P Dryland Legume Pasture Systems	This projects aim was to increase the production, profitability and sustainability of wool and meat in mixed farming areas, while cropping production is expected to be maintained. The project sought 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 focussed on cultivars of Biserrula, Ornithopus, aerial trifoliums, trigonella, scorpiurus, hedysarum, with germplasm choice guided by rainfall level and soil type. There had been extensive investment in legumes for some years by AWI.	9/1/2018	30/5/2022	100,000.00	WA Department of Primary Industries and Regional Development, SA Department of Primary Industries and Regions, NSW Department of Agriculture, Water and Environment, Grains Research and Development Corporation, Meat & Livestock Australia, Charles Sturt University, Murdoch University, Grower Groups	
ON-00540	Benchmarking Australia Sheep Parasite Control	This project will undertake a national survey of Australian sheep producers, documenting sheep parasite control practices, with an emphasis on roundworms, blowfly, lice and liver fluke. It contrasted and compared current results with those from similar surveys conducted in 2003 and 2011. The objective was to measure change in sheep parasite control practices and attitudes over the period 2003, 2011 and 2017 with data provided from 2003 EC306 IPMs (AWI project) and 2011 WP499 (AWI; MLA project B.AHE.0069) IPMs surveys.	7/1/2018	31/8/2021	27,000.00	Meat & Livestock Australia	
ON-00590	No more gaps with Superior Shrub Systems	In this project the research team is conducting 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. This project has generated a strong interest in and adoption of Anameka. There is high demand for Anameka seedlings which sell out of nurseries prior to the season opening fantastic extension of research despite difficulties posed by the COVID-19 pandemic. Final milestone is due in August 2022	1/2/2019	30/10/2023	75,000.00	Meat & Livestock Australia, Commonwealth Scientific and Industrial Research Organisation (CSIRO)	
ON-00613	AgHealth and Safety Partnership	The Rural Safety and Health Alliance replaced the Primary Industry Health and Safety Partnership. Its aim was to secure MLA, AWI, APL, GRDC, CRDC, SRA, WA, Agrifutures, FRDC, HIA, AE and DA involvement. It will provide leadership for health and safety RD&E outcomes of reduction in the incidence of death and injuries across the ag and fishers sector. It will work with external organisations such as FarmSafe, Safe Work Australia and the Safety Institute of Australia.	1/10/2018	30/6/2021	20,000.00	Meat & Livestock Australia, Fisheries Research and Development Corporation FRDC, Grains Research and Development Corporation, Dairy Australia, Cotton Research and Development Corporation, AgriFutures, Australian Eggs, Australian Pork, Cotton Research and Development Corporation	
ON-00618	Australian Pastures Genebank - Phase 2	This project will continue to provide for the ongoing collection, storage and regeneration of the mandated germplasm under the activities carried out in Phase 1 of the APG. A steering committee meets every 6 months and oversight of the collection, storage and regeneration of the mandated germplasm is monitored and reported on quarterly. An informational and promotional website is maintained to promote the ongoing efforts of the APG in accordance with the International Treaty.	7/1/2019	30/6/2024	149,065.00	NSW Department of Primary Industries, Meat & Livestock Australia, AgriFutures, Grains Research and Development Corporation, Department of Agriculture	
ON-00621	National Wild Dog Management Coordinator	The national wild dog coordinator project build on the platform for strategic management of wild dogs that was developed over the past ten years. Significant progress in community led wild dog management programs has been achieved during that time, as has the increased level of stakeholder involvement in local, regional, state and national decision-making around wild dog management. This culminated in the development and sign off, of the National Wild Dog Action Plan (NWDAP) in 2014.	1/7/2017	30/6/2022	99,999.00	Centre for Invasive Species Solutions (CISS), Meat & Livestock Australia (MLA), NSW Department of Primary Industries, Qld Department of Agriculture & Fisheries (Qld DPA&F), WA Department of Primary Industries & Regional Development (WA DPIRD), Victorian Department of Economic Development, Jobs, Transport & Resources (Vic DEDJTR) and Victorian Department of Environment, Land, Water & Planning (Vic DELWP).	

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

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ON-00627	RHDV2 Product Registration – Stage 1	The project assisted the implementation of the recommendations for a long-term rabbit biocontrol research and innovation plan. The project will prepare the base of registration package of the APVMA registration of RHDV2 and generate response from the APVMA regarding the requirement of non-target species testing to prepare and submit the registration package for the RHDV1/RHDV2 vaccine to the APVMA.	11/5/2018	30/6/2022	129,166.00	Centre for Invasive Species Solutions (CISS), Meat & Livestock Australia	
ON-00649	Refining Body Condition Score	The project's objective was to test the hypothesis that ewe flocks vary in their conception response to improved ewe body condition score and the enterprise will be more profitable when a range of targets are provided for a wider range of conditions.	26/6/2019	1/10/2022	35,000.00	Meat & Livestock Australia	
ON-00650	Better use of Pregnancy Scanning Technology	This examines the accuracy of pregnancy scanning, for pregnancy status and foetal numbers, using existing datasets. During the first round of regional workshops, scanning contractors will be briefed on the project and provided with preliminary findings. Key success so far from the project were: Generation of a compelling BCA outlining the profitability of scanning ewes for conception and/or the number of fetuses - increase in \$5.75/ewe scanned for conception and 400% ROI when scanning for multiples. Development of a scanning image library to be used as a training tool for current and incoming scanners (awaiting finalisation). Production of business cases for pregnancy scanning for distribution to producers (awaiting finalisation) Final project report due in August 2022.	27/6/2019	28/2/2023	20,000.00	Meat & Livestock Australia	
ON-00652	Virtual Fencing for Cropping and Weed Management	The project tested the use of targeted grazing in a crop, pasture and summer fallow setting using virtual fencing for 'zonal' or patch grazing aimed at maximising weed control value and minimising crop and environmental impact. It will determine the individual variation and mob dynamics in sheep and the effectiveness of VH technology to restrict the movement of sheep.	20/6/2019	30/6/2022	45,000.00	Grains Research and Development Corporation, Commonwealth Scientific and Industrial Research Organisation (CSIRO)	
ON-00668	Wool and Sheepmeat Survey	AWI & MLA Wool and Sheepmeat Survey objective was to monitor production and producer intentions, assisting producers to make more efficient decisions based on data and evidence. The results from this survey continued to accurately represent production trends since 2010 and provide a strong foundation for MLA's and AWI's industry forecasting and market information analysis. The survey secondly is a large part of what feeds into the AWPf with specific questions related to wool and sheep productions and the seasonal trends throughout the year.	7/1/2019	30/7/2020	14,148.00	Meat & Livestock Australia	
ON-00718	Supplementary feeding strategies for lambing	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.	25/6/2020	30/9/2024	-	Meat & Livestock Australia and Murdoch University	
ON-00758	Australian Wool Production	This project covered the cost of accurately forecasting and reporting Australian Shorn Wool Production. This is undertaken through a range of activities, including the state and national Production Committee meetings, AWTA Test Data and the AWI/MLA Sheep and Wool Survey. Providing accurate forecast of Australian shorn wool production for the Australian and International wool industry, with insight to the intention of the shorn wool production based on grower intent. Taking into consideration of seasonal changes, other market forces (lamb price) and enterprise management (accelerated shearing).	8/3/2020	25/6/2021	534,490.00	Meat & Livestock Australia	
ON-00763	Making More From Sheep	Making More From Sheep (MMFS) is an online best practice package of information and tools for Australian sheep producers. The MMFS website captures the 'must dos' of managing a successful sheep enterprise, generated from years of research and on-farm experience. The MMFS package includes 12 modules relating to different aspects of sheep production, with related tools and signposting to relevant industry resources and workshops. Under this project, the MMFS content, which was first published in 2008, will be reviewed and updated along with a redesign and rebranding of the website and other materials.	31/10/2020	30/6/2022	275,197.00	Meat & Livestock Australia	
ON-00766	Rural Safety and Health Alliance Partner	This project is the renewal of the Rural Safety and Health Alliance (RSHA) partnership for an additional three years (2021 – 2024). The partners will contribute \$20,000.00 per year over three years. RSHA invests in the delivery of critical collaborative health and safety outcomes for Australia's agriculture and fisheries. The work of the RSHA remains as important as ever, with research showing that since 2001, 1,523 people have lost their life on a farm due to non-intentional injury in Australia. In the first half of this year alone, there has sadly been 33 deaths across the sector. There has been 71 non-fatal injury events on farm from January to June 2020.	30/11/2020	30/6/2024	11,111.00	University Of Technology Sydney, University of New England, La Trobe University, NSW Department of Primary Industries, Animal Health Australia, Meat & Livestock Australia, University of Sydney, University Of Melbourne, Charles Sturt University, Commonwealth Scientific and Industrial Research Organisation (CSIRO), South Australian Research and Development Institute, Australian National University, Local Lands Services, Queensland Department of Agriculture and Fisheries, TAS Department of Primary Industry Parks Water and Environment, University of Adelaide Research Services, VIC Department of Economic Development, Jobs, Transport and Resources	
ON-00767	Farmers 2Founders Cross Sectoral Funding	The F2F is an innovation program tailored to producers that equips them to act as frontline innovators so they can solve critical agricultural industry challenges to market. The joint-RDC approach help increase collaboration between producers and the global ag tech ecosystem and attract private investors to the industry. AWI is providing in kind contribution. There is an opportunity to co-fund the participation of two cross-sectoral teams in the Bootcamp program. This would allow us to secure AWI's involvement in F2F initiative at a lower cost and increase the RDC collaboration.	11/12/2020	30/6/2023	30,000.00	AgriFutures, Wine Australia, Grains Research and Development Corporation, Meat & Livestock Australia	

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ON-00770	SALRC Affiliate Membership	AWI affiliate membership fee to the Southern Australian Livestock Research Council Inc. is at the request of the SALRC Regional Chairs (producers). The SALRC body was set up initially by MLA as part of its formal producer consultation mechanism for project investments in RD&E, however, the producer members saw a greater opportunity for producer influence over RDE providers and now over AWI. Hence SALRC has become an incorporated body and receives only half its income from MLA. The other half comes from research provider membership – it also includes WPA, CCA and SPA. AWI GM Research has been an observer for 2 years but SALRC now desires a membership fee from AWI. AWI does not formally recognise SALRC in its formal consultation process.	1/1/2021	30/6/2021	11,605.00	Meat & Livestock Australia, Australian National University, University of New England, Queensland Department of Agriculture and Fisheries, TAS Department of Primary Industry Parks Water and Environment, University Of Melbourne, Local Lands Services, VIC Department of Economic Development, Jobs, Transport and Resources, Commonwealth Scientific and Industrial Research Organisation (CSIRO), NSW Department of Primary Industries, University of Adelaide Research Services, La Trobe University, Charles Sturt University, University Of Technology Sydney, South Australian Research and Development Institute, Animal Health Australia, University of Sydney	
ON-00776	Sheep Sustainability Framework 2021	This project represented AWI's contribution in FY2021, in collaboration with MLA, to funding the development of the Sheep Sustainability Framework (SSF), continuing on from a related earlier project to fund the initial development work (ON-00657 Aust Sheep Sustainability 2019-2020). The SSF, initiated by WoolProducers Australia (WPA) and Sheep Producers Australia (SPA), was launched in April 2021, following development by an industry-led Sustainability Steering Group, informed by ad hoc expert groups and feedback from a year of close consultation with industry stakeholders and the broader community.	25/2/2021	30/6/2021	50,000.00	Meat & Livestock Australia	
ON-00719	Online Producer Tools	Release a web-based tool for woolgrowers which supports decision making in the renovation or establishment of pastures. This tool will provide essential links to other pasture and soil supporting information to provide growers with the best information to support their decision making. This tool will also provide comprehensive links to other feedbase tools and training programs such as - EverGraze, grain and graze, online P-tool, rainfall to pasture tools (MLA), lifetime wool, LTEM, PPE, Making more from Sheep, Winning with Weaners, PGS (MLA) and the soon to be developed Feedbase Fit, Planning for Profit and linkages to other applicable seasonal packages.	17/11/2019	30/6/2022	-	Agrifutures, Meat & Livestock Australia, Grains Research & Development Corporation, Dairy Australia	
ON-00759	What is the Nutritive Value of Modern Cr	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. The grazing of crop stubbles affords producers access to a feed source that is essentially a waste product. It has been many years since any nutritive value of stubbles data has been reported. As plant genetics have improved greatly over the past couple of decades, and with the effects of climate change and environmental stewardship expectations, it is increasingly important that producers have access to the latest data to make well informed decisions when feeding their livestock and managing their resources and land.	1/9/2018	30/6/2021	-	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Meat & Livestock Australia	
OF-00550	Measures for low GHG wool	Using an Australian case study farm, identify the total flock emissions and emission intensity (tonnes of carbon dioxide equivalent (tCO ₂ e)/kg wool) when using conventional and novel metrics for determining the impacts of short-lived greenhouse gases (SLGHGs). At a national scale, identify the total emissions and emission intensity over time for the Australian sheep flock, with a minimum assessment of emissions from two 15 year periods from 1991-2005 and 2006-2020.	10/2/2020	31/8/2022	185,641.00	Meat & Livestock Australia	
ON-00760	Wool and Sheepmeat Survey	AWI in contract with MLA and Kynetec in delivering the survey and to continue productivity improvements within the Australian Wool and Sheepmeat Industry, while highlighting the following to represent accurate seasonal trends: – Monitor production and producer intentions to assist in making efficient decisions – MLA's and AWI's foundation for industry forecasts and market analysis – Assist with AWPf with specific questions relating to wool and sheep producers	2/10/2020	31/7/2022	\$73,000.00	Meat and Livestock Australia	
ON-00763	Making More From Sheep	Making More From Sheep (MMFS) is an online best practice package of information and tools for Australian sheep producers. The MMFS website captures the 'must dos' of managing a successful sheep enterprise, generated from years of research and on-farm experience. The MMFS package includes 12 modules relating to different aspects of sheep production, with related tools and signposting to relevant industry resources and workshops. Under this project, the MMFS content, which was first published in 2008, will be reviewed and updated along with a redesign and rebranding of the website and other materials.	31/10/2020	30/6/2022	\$22,500.00	Meat and Livestock Australia	
ON-00770	SALRC Affiliate Membership	The objectives of AWI affiliate membership of SALRC is to gather evidence of regional producer priorities for investment for sheep; to hear about current and proposed research methodology from research providers to address those producer priorities; and to report to SALRC what AWI is investing in and its strategic priorities.	1/1/2021	1/1/2023	\$11,605.00	Queensland Department of Agriculture and Fisheries , Commonwealth Scientific and Industrial Research Organisation (CSIRO), University of Technology Sydney, Australian National University, Charles Sturt University, La Trobe University, University of Adelaide, University of Melbourne, University of New England, Local Lands Services, University of Sydney, South Australian Research and Development Institute, Meat & Livestock Australia, Tasmania Department of Primary Industry Parks Water and Environment DPIPW	
TOTAL					2,244,217.00		