

# R&D project summary

July 2017 – June 2018

Project code	Project name	Delivery partner	July – June
MT13059	SITplus: Developing and optimising production of a male-only, temperature-sensitive-lethal, strain of Qfly, <i>B. tryoni</i>	South Australian Research and Development Institute (SARDI)	28,735
LP15001	Global Master Class	University of Tasmania	150,000
LP15006	Attracting New Entrants into Australian Horticulture	Rimfire Resources Pty Ltd	38,220
MT14052	Essential Market Access Data Packages	The Department of Agriculture and Fisheries (DAF)	14,121
MT15029	Trade Facilitation	Horticulture Innovation Australia	14,169
MT15032	Update Industry Strategic Investment Plan with M&E framework	Clear Horizon Consulting Pty Ltd	5,430
MT15033	Strategic Investment Planning	Consulting & Implementation Services Pty Ltd	95,923
MT16004	RD&E program for control, eradication and preparedness for Vegetable leafminer	Cesar Pty Ltd	404,439
MT16006	Update of the Hi-Link model of Australian horticultural	The Centre for International Economics	8,700
MT16010	Horticultural Trade data 2017-2019	IHS Global Pte Ltd	8,722
MT16011	Horticulture Trade Intelligence Reporting 2017-2019	Euromonitor International (Australia) Pty Ltd	4,077
MT16016	Surveillance of tomato potato psyllid in the Eastern States and South Australia	University of Tasmania	52,318
MT16018	A program to help manage the tomato Potato Psyllid incursion	AUSVEG Ltd	28,902
MT17004	Industry Annual Reports	Gasline Communications	13,860
MT17007	Minor Use Coordinator	Horticulture Innovation Australia	32,456
MT17010	World of Perishables, Dubai - Taste Australia attendance	Pico Australia Pty Ltd	55

MT17012	Minor Use Permit Renewals	Peracto Pty Ltd	52,932
MT17017	Vegetable Cluster Consumer Insights Program	The Nielsen Company	425,180
PH16000	Stingless Bees as Effective Managed Pollinators for Australia Horticulture	University of Western Sydney	325,000
ST16006	2016 Generation of Data in Horticulture Crops	Eurofins Agrisearch	68,414
ST17000	Generation of data for pesticide applications in horticulture crops 2018	Eurofins Agrisearch	110,681
VG12083	Understanding the Nature, Origins, Volume and Values of Vegetable Imports	RM CONSULTING GROUP PTY LTD	21,877
VG12096	New Vegetable Products for Personal Nutrition	CSIRO Division of Animal, Food and Health Sciences	19,422
VG13041	New in-field treatment solutions to control Fruit Fly (1)	The Department of Agriculture and Fisheries (DAF)	67,937
VG13043	New end-point treatment solutions to control Fruit Fly (1)	NSW Dept of Primary Industries,an office of Dept of Industry	100,063
VG13072	Export Opportunities for Carrots, Sweet Corn, Beans, Broccoli and Baby Leaf- Symposium	AUSVEG Ltd	284,821
VG13076	Soil condition management – Extension and capacity building	Applied Horticultural Research Pty Ltd	219,050
VG13078	Extension of Integrated Crop Protection information	RM CONSULTING GROUP PTY LTD	255,300
VG13083	Identifying and sharing postharvest best practice on-farm and on-line	Applied Horticultural Research Pty Ltd	59,078
VG13092	Improved skill for regional climate in the ACCESS-based POAMA model	Bureau of Meteorology	30,000
VG13101	Effective management of parsley summer root rot	NSW Dept of Primary Industries,an office of Dept of Industry	89,000
VG13111	Manipulation of regulatory microRNAs to suppress insecticide resistance in diamondback moth	The University of Queensland	81,680
VG14037	Soils for Life: Vegetable Case-study Project	Soils for Life	-16,640
VG14039	Generation of Residue Data for Pesticide Minor-Use Permit Applications	Eurofins Agrisearch	7,964

VG14062	Process improvements for preserving peak freshness in broccoli (Stage 2)	Applied Horticultural Research Pty Ltd	26,400
VG14063	Innovative Solutions to Management of Tospoviruses of Vegetable Crops	The University of Queensland	67,377
VG14065	Nuffield Scholarship	Nuffield Australia Farming Scholars	94,160
VG15002	Advanced stable fly management for vegetable producers	Western Australian Agriculture Authority (WAAA)	62,746
VG15003	Using autonomous systems to guide vegetable decision making on-farm	The University of Sydney	46,404
VG15004	Regional capacity building to grow vegetable businesses - Bowen Gumlu and FNQ	Bowen Gumlu Growers Association Inc	223,432
VG15008	Viruses of national importance to the vegetable industry	The Department of Agriculture and Fisheries (DAF)	8,934
VG15009	Improved soilborne disease diagnostic capacity for the Australian Vegetable Industry	South Australian Research and Development Institute (SARDI)	172,650
VG15010	A multi-faceted approach to soilborne disease management	Applied Horticultural Research Pty Ltd	130,561
VG15013	Improved management options for Cucumber green mottle mosaic virus	Department of Primary Industry & Fisheries, NT	360,000
VG15019	Demographic research for the vegetable industry – Phase 2	The Nielsen Company	176,572
VG15020	Strengthened Biosecurity for the Vegetable Industry - Phase 2	AUSVEG Ltd	3,947
VG15021	Sowing success through transformational technologies	The University of Queensland	100,018
VG15023	Consultancy Services for Strengthened Biosecurity for the Vegetable industry	Kevin Clayton-Greene	60,308
VG15024	Vision systems, sensing and sensor networks to manage risks and increase productivity in vegetable production systems	The Department of Agriculture and Fisheries (DAF)	117,903
VG15027	Vegetable Industry Communication Program 2016-2019	AUSVEG Ltd	1,372,858
VG15028	Vegetable Industry Education and Training Initiative	RMCG	314,462
VG15030	Growing Leaders 2015	Rural Training Initiatives	145,861
VG15032	2016 Global Innovations in Horticulture Seminar	AUSVEG Ltd	377,538

VG15034	Facilitating adoption of IPM through a participatory approach with local advisors and industry - Training component	IPM Technologies Pty Ltd	58,349
VG15035	Facilitating adoption of IPM through a participatory approach with local advisors and industry - coordination component	AUSVEG SA	16,767
VG15036	Facilitating adoption of IPM through a participatory approach with local advisors and industry - evaluation component	Clear Horizon Consulting Pty Ltd	7,200
VG15037	Optimising the benefits of vermiculture in commercial-scale vegetable farms	Blue Environment Pty Ltd	104,792
VG15038	Investigating novel glass technologies and photovoltaics in protected cropping	Swinburne University of Technology	121,434
VG15039	Precision seeding benefits for processing pea production	University of Tasmania	77,132
VG15040	Regional capacity building to grow vegetable businesses – Wide Bay Burnett (Bundaberg Fruit and Vegetable Growers)	Bundaberg Fruit and Vegetable Growers	97,495
VG15041	Regional capacity building to grow vegetable businesses – Lockyer Valley and SE Queensland (Lockyer Valley Growers Inc)	LOCKYER VALLEY GROWERS INC	73,157
VG15042	Regional capacity building to grow vegetable businesses – NSW (Local Land Services)	Greater Sydney Local Land Services	277,312
VG15043	Regional capacity building to grow vegetable businesses – WA (vegetablesWA)	West Aust Vegetable Growers Assoc Inc T/As Vegetables WA	187,672
VG15044	Regional capacity building to grow vegetable businesses – NT (NT Farmers)	Northern Territory Farmers Association Inc	107,798
VG15045	Regional capacity building to grow vegetable businesses – SA	AUSVEG SA	47,581
VG15046	Regional capacity building to grow vegetable businesses – Tasmania	RM CONSULTING GROUP PTY LTD	131,076
VG15047	Regional capacity building to grow vegetable businesses – East Gippsland (East Gippsland Food Cluster)	East Gippsland Food Cluster Incorporated	117,429
VG15048	Regional capacity building to grow vegetable businesses – Victoria	RM CONSULTING GROUP PTY LTD	344,858
VG15049	Regional capacity building to grow vegetable businesses – national coordination and linkage project	Applied Horticultural Research Pty Ltd	63,820
VG15051	Investigating on farm HACCP programs for managing plant pests of biosecurity concern – an options paper	BIOSECURITY SOLUTIONS AUSTRALIA PTY LTD	19,500
VG15059	Evaluating and testing autonomous systems developed in VG15003 in Australian vegetable production systems	The University of Sydney	93,490

VG15054	Data Analytics and App Technology to Guide On-Farm Irrigation	The Yield Technology Solutions Pty Ltd	166,833
VG15064	Improved management of pumpkin brown etch	Applied Horticultural Research Pty Ltd	80,000
VG15065	Review of the National Biosecurity Plan for the Vegetable Industry	Plant Health Australia Limited	9,120
VG15066	Improved knowledge of factors contributing to carrot crown rot	Peracto Pty Ltd	50,000
VG15067	Development of a Vegetable Education Resource - Stage 2	CSIRO	53,000
VG15068	Improving safety of vegetable produce through on-farm sanitation, using Electrolysed Oxidising (EO) Water	University of South Australia	158,600
VG15070	A strategic approach to weed management for the Australian Vegetable industry	University of New England	150,000
VG15071	Understanding consumer triggers & barriers to consumption of Australian indigenous & Asian vegetables	Colmar Brunton	156,462
VG15072	Vegetable Consumer Alignment Specialist (VCAS)	Horticulture Innovation Australia	218,275
VG15073	Characterisation of a Carlavirus of French Bean	The Department of Agriculture and Fisheries (DAF)	124,232
VG15074	Export Development of Australian Vegetables to Japan	The Department of Agriculture and Fisheries (DAF)	253,543
VG15075	Vegetable industry participation in the south Australian Government traded mission to SE Asian 2016	AUSVEG SA	1,085
VG15076	Creating Value from Edible Vegetable Waste	CSIRO	781,001
VG15077	Financial Performance of Australian Vegetable Farms 2016-2017 to 2018-2019	Australian Bureau of Agricultural & Resource Economics & Sciences	199,998
VG15078	Facilitating Knowledge Sharing and Extension	Horticulture Innovation Australia	2,330
VG15701	2016-18 European Industry Leadership and Development Mission – Berlin Fruit Logistica	AUSVEG Ltd	86,073
VG15702	USA Industry Leadership & Development Mission 2016-2018	AUSVEG Ltd	95,590
VG15703	Vegetable Young Grower Development Mission 2016-2018	AUSVEG Ltd	405,032
VG16005	ProbiSafe - Development of biocontrol agents to inhibit pathogen growth	UniQuest Pty Limited	238,736

VG16009	Adoption of precision systems technology in vegetable production	The Department of Agriculture and Fisheries (DAF)	502,754
VG16010	New Breeding Technologies and opportunities for Australian vegetable industry - pulse check	Murdoch University	26,163
VG16015	Impact assessment of vegetable levy funded projects 2012 – 2017	Consulting and Implementation Services	65,579
VG16016	Attitudes driving juice purchases	Horizon Research Corporation Pty Ltd	142,153
VG16018	Educational opportunities around perceptions of, and aversions to, vegetables through digital media	Edible Adventures Pty Ltd	628,034
VG16020	Vegetable Minor Use Permits	Horticulture Innovation Australia	24,300
VG16022	Vegetable monitoring and Evaluation	Invention Development Fund I, LLC	115,000
VG16024	Economic assessment for protected cropping Vegetables in Northern Australia	The Department of Agriculture and Fisheries (DAF)	19,550
VG16025	Increase Consumption and Sales by Developing Community awareness and benefits of vegetables (scoping study)	Deakin University	21,027
VG16026	Addressing Vegetable Consumption through Foodservice	Workshop Australia Pty Ltd	199,270
VG16027	Vegetable trend Forecasting and Analysis	Workshop Australia Pty Ltd	12,202
VG16031	Vegetable Industry Education and Training Initiative	RMCG	355,736
VG16035	Training Growers in Direct Consumer Engagement	Workshop Australia Pty Ltd	21,634
VG16037	Novel Topical Vegetable and Cotton Virus Protection	The University of Queensland	208,949
VG16042	Pathogen Persistence from Paddock to Plate	Fresh Produce Safety Centre Limited	290,930
VG16059	Retailer Alignment Regarding The Use Of Manures in vegetables	Kitchener Partners Pty Ltd atf Kitchener Family Trust	353,639
VG16060	Vegetable Agrichemical Pest Management Needs and Priorities	AUSVEG Ltd	218,190
VG16061	Vegetable Industry Export Program	AUSVEG Ltd	1,702,361
VG16062	Field and landscape management to support beneficial arthropods for IPM on vegetable farms	Charles Sturt University	265,982

VG16063	The EnviroVeg Program 2017-2022	AUSVEG Ltd & Growcom Australia	245,576
VG16064	Increasing children's awareness of vegetables	CSIRO	316,000
VG16066	Independent Mid-term Evaluation of VG15027 and PT15007 Communication Programs	Clear Horizon Consulting Pty Ltd	32,075
VG16067	Impact of pesticides on beneficial arthropods of importance in Australian vegetable production	IPM Technologies Pty Ltd	173,424
VG16068	Optimising cover cropping for the Australian Vegetable Industry	AHR Environmental Pty Ltd	304,218
VG16069	Consumer insights and retail data program	The Nielsen Company	566,295
VG16070	Research and Operations to Trial Innovation Glass and Photovoltaic Technologies in Protected Cropping	University of Western Sydney	114,189
VG16071	Boosting Vegetable Consumption through Diet	SP Health Co Pty Ltd	611,048
VG16075	Monitoring and Evaluation of Vegetable Consumer Data Projects	Clear Horizon Consulting Pty Ltd	20,797
VG16078	Soil Wealth / Integrated crop protection - Phase 2	Applied Horticultural Research Pty Ltd	306,104
VG16079	China Insights Data for the Australia Vegetable Industry	AgInfinity	22,500
VG16080	Vegetable Digital Asset Redevelopment – Veggycation	HHD Group Pty Ltd	384,449
VG16081	Vegetable market price reporting (pilot program) - Market Data	Ausmarkets Consultants	162,606
VG16083	Protected Cropping - Literature Review and Gap Analysis for Levied Vegetables	Colo Consulting	16,500
VG16084	Vegetable market price reporting pilot program – Market Reporting	Freshlogic Pty Ltd	36,828
VG16085	Export Facilitators	West Aust Vegetable Growers Assoc Inc T/As Vegetables WA	596,542
VG16087	Minor User Permit Management for Vegetable Industry	Horticulture Innovation Australia	1,321
VG17000	Vegetable Business Benchmarking	West Aust Vegetable Growers Assoc Inc T/As Vegetables WA	295,784
VG17003	National Vegetable Protected Cropping Centre	University of Western Sydney	400,000

VG17004	Industry Development Tour to the 2018 International Spinach Conference in Murcia, Spain, 2018	EGVID PTY LTD	33,000
VG17006	Independent Progress Evaluation of VegPro and VegNet as a Program	Key-Link Solutions Pty Ltd	45,154
VG17013	Building the business case to grow domestic demand for vegetables in Australia	MCKINNA ET AL	36,662
VG17014	Review of issues and options for preventing and removing red back spiders in broccoli	Applied Horticultural Research Pty Ltd	22,400
<b>Total</b>			<b>22,057,714</b>