

Enhancing National Pest Animal and Weed Management

FEDERATION FUNDING AGREEMENT – ENVIRONMENT

Parties	Commonwealth New South Wales Queensland Victoria South Australia Tasmania Western Australia the Northern Territory
Duration	This Schedule is expected to expire on 30 June 2023.
Purpose	<p>This Schedule will support the delivery of projects to help land managers, the community and industry to better manage established pest animals and weeds.</p> <p>Projects focus on:</p> <ul style="list-style-type: none"> • improving the management of established pest (including feral) animal and weed species of national significance that have a detrimental effect on Australia’s agricultural competitiveness and are in the national interest to manage. While agricultural competitiveness is the primary consideration it is recognised that projects will also improve the status of the environment and natural resource base. • Reducing the incidence, distribution and impact of established pest animal and weed species on agricultural competitiveness.

Estimated financial contributions

The Commonwealth will provide an estimated total financial contribution to the States of \$5.0 million in respect of this Schedule. States are expected to provide in-kind contributions, as noted below.

Table 1				
(\$ million)	2020-21	2021-22	2022-23	Total
Estimated total budget	2.04	5.44	5.49	12.98
<i>Less estimated National Partnership Payments</i>	1.60	1.50	1.90	4.99
- New South Wales	0.30	0.28	0.35	0.93
- Queensland	0.32	0.30	0.38	1.00
- Victoria	0.28	0.26	0.33	0.88
- South Australia	0.24	0.22	0.28	0.74
- Tasmania	0.16	0.15	0.19	0.50
- Western Australia	0.14	0.13	0.17	0.45
- Northern Territory	0.16	0.15	0.19	0.50
<i>Balance of non-Commonwealth contributions</i>	0.45	3.95	3.59	7.99
- New South Wales	0.21	0.64	0.40	1.25
- Queensland	0.00	0.42	0.51	0.93
- Victoria	0.04	0.26	0.22	0.51
- South Australia	0.17	1.99	1.87	4.02
- Tasmania	0.01	0.14	0.14	0.29
- Western Australia	0.00	0.25	0.25	0.51
- Northern Territory	0.03	0.25	0.21	0.49

[Additional terms]

Table 2A: New South Wales – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
Cosi gned schedule and high level activity work plan - <i>National Invasive Grasses Research, Development & Engagement Business Plan – Stage 2 Adaptation and Coordination in NSW</i>	Exchange of FFA Schedule and provision of high level activity work plan.	7/06/2021	\$159,880
Cosi gned schedule and high level activity work plan - <i>Future-proofing Australia’s National Post-Border Weed Risk Management System</i>	Exchange of FFA Schedule and provision of high level activity work plan.	7/06/2021	\$137,833
<p><i>National Invasive Grasses Research, Development & Engagement Business Plan – Stage 2 Adaptation and Coordination in NSW</i></p> <ul style="list-style-type: none"> • Employment of invasive grasses coordinator • Establish 21 co-designed adaptation field sites (3 species x 7 sites geographically dispersed across NSW). • Arrangements in place with land managers to host. • Support for field days with best practice management information available for attendees at the initial demonstration sites and the 21 adaptation sites. 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Appointment of invasive grasses coordinator • Establishment of co-designed adaptation field sites • Arrangements with land managers hosting adaptation field sites • Summary of field days i.e. – numbers in attendance, views of participants 	15/05/2022	\$149,888
<p><i>Future-proofing Australia’s National Post-Border Weed Risk Management System</i></p> <ul style="list-style-type: none"> • Improved Weed Risk Management (WRM) process by: <ul style="list-style-type: none"> o adding post-disturbance risk capability, and o creating a national, web-based, weed risk management system • Development of a weed risk assessment tool that incorporates post-disturbance responses of weeds into existing, proven WRM processes to allow better management of risk (e.g. post-fire, post-drought). 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Development of improved, web-based weed risk assessment tools • Development of self-guided online training modules • Workshops, webinars and focus groups for consultation and co-development of training modules and weed risk assessment tools • Initial development of post-fire and post-drought modules for the National Post -Border Weed Risk Management System • Communication, engagement and testing of tools and modules with community and industry land managers 	15/05/2022	\$129,219

Table 2A: New South Wales – Performance requirements, reporting and payment summary			
Output	Performance milestones	Report due	Payment
Final report - <i>National Invasive Grasses Research, Development & Engagement Business Plan – Stage 2 Adaptation and Coordination in NSW</i>	Submission of final report detailing outcomes of the above	15/05/2023	\$189,858
Final report - <i>Future-proofing Australia's National Post-Border Weed Risk Management System</i>	Submission of final report detailing outcomes of the above	15/05/2023	\$163,677

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

2021

Signed for and on behalf of the State of New South Wales by

The Honourable Adam Marshall MP
Matthew Kean MP

Minister for Agriculture and Western New South
Wales

29 June 2021

Minister for Energy and Environment

Table 2B: Queensland – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
<i>Cosigned schedule and high level activity work plan - Biological and chemical approaches to 'on-farm' management of the invasive weed, Navua sedge</i>	Exchange of FFA Schedule and provision of high level activity work plan.	07/06/2021	\$160,000
<i>Cosigned schedule and high level activity work plan - Enhancing feral pig management in northern Australia – validation</i>	Exchange of FFA Schedule and provision of high level activity work plan.	07/06/2021	\$159,360
<p><i>Biological and chemical approaches to 'on-farm' management of the invasive weed, Navua sedge</i></p> <ul style="list-style-type: none"> • Mid-to-long term Research, Development and Extension that will offer innovative solutions at the landscape-scale and farm level for holistic management of Navua sedge. • Best practice protocols to manage Navua sedge through field trials based on a combination of; <ul style="list-style-type: none"> ○ introduction of “value for money” biological control agents including mycoherbicides and ○ application of herbicides (chemical) with different modes-of-action and concentrations 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Progress of classical biocontrol research including; <ul style="list-style-type: none"> ○ Subcontract signed with CABI-UK ○ Field collection, biology studies, host testing from native range countries (e.g. Nigeria) ○ Surveys conducted in the wet tropical regions of Qld for indigenous plant pathogens on Navua sedge ○ Host specificity tests continued against test plants • Progress of Herbicide research including; <ul style="list-style-type: none"> ○ Glasshouse efficacy trials ○ Field trials • Progress of Mycoherbicide development research including; <ul style="list-style-type: none"> ○ Pathogen surveys and identification ○ Pathogenicity assessment and Evaluation 	30/04/2022	\$150,000
<p><i>Enhancing feral pig management in northern Australia – validation</i></p> <ul style="list-style-type: none"> • Improved capacity for effective management of feral pigs in northern Australia through: <ul style="list-style-type: none"> ○ Engaging a feral pig management coordinator to provide logistical support and guidance to selected groups managing feral pigs on landscape-scale demonstration sites 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Appointment of feral pig management coordinator • Outcomes from workshops with key site collaborators, control and monitoring plans finalised, field sites initiated with collaborators • Progress of uptake of outcomes in pest management strategies and plans • Progress on Pre-control, Control and Post-control monitoring 	30/04/2022	\$149,400

Table 2B: Queensland – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
<ul style="list-style-type: none"> ○ Improving and updating the knowledge base of land managers, community and industry directly through collaborating with researchers to refine and test management and monitoring practices ○ Reviewing and updating best-practice guidelines for feral pig management relevant to northern Australia 			
Final report - <i>Biological and chemical approaches to 'on-farm' management of the invasive weed, Navua sedge</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$190,000
Final report - <i>Enhancing feral pig management in northern Australia – validation</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$189,240

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by



The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

 2021

Signed for and on behalf of the State of Queensland by



The Honourable Mark Furner MP
Minister for Agricultural Industry Development and Fisheries

 2021

Table 2C: Victoria – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
<p>Cosigned schedule and high level activity work plan - <i>Indigenous Facilitator for the management of pest and weeds in culturally sensitive landscapes</i></p>	<p>Exchange of FFA Schedule and provision of high level activity work plan.</p>	<p>07/06/2021</p>	<p>\$121,600</p>
<p>Cosigned schedule and high level activity work plan - <i>Advancing feral pig management in Victoria</i></p>	<p>Exchange of FFA Schedule and provision of high level activity work plan.</p>	<p>07/06/2021</p>	<p>\$160,000</p>
<p><i>Indigenous Facilitator for the management of pest and weeds in culturally sensitive landscapes</i></p> <ul style="list-style-type: none"> • State Indigenous Facilitator appointed who will work with Traditional Owner groups to co-design a guide for managing established invasive species in culturally sensitive areas. The guide will include a decision-making matrix with an agreed methodology that can be used by both public and private land managers. • Allow for more effective landscape scale management of these species and help to build awareness on Aboriginal heritage throughout Victoria. 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Appointment of state Indigenous Facilitator for established invasive species • Establishment of working group with government and community • Appointment of representatives to set priorities and support network. • Development of a cultural heritage guide that provides an agreed decision matrix to assist with the management of weeds and rabbits in culturally sensitive areas. • Implementation of community engagement events and activities to ensure maximum adoption and awareness. <p>Outcomes from workshop to share learnings and determine post project legacies.</p>	<p>30/04/2022</p>	<p>\$114,000</p>
<p><i>Advancing feral pig management in Victoria</i> Improved capacity for effective management of feral pigs in Victoria through:</p> <ul style="list-style-type: none"> • Appointment of a state feral pig coordinator to significantly boost capacity to map, measure and respond to the impacts of feral pig populations • Statewide feral pig distribution database and map • Up to 5 large-scale cross-tenure community feral pig management programs established • At least 5 best practice management workshops 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> • Appointment of state feral pig coordinator • Development of statewide feral pig distribution database and map that is consistent with national methodologies • Establishment of up to five large-scale, cross-tenure community feral pig management programs • Delivery of at least five best practice management workshops in areas significantly affected or threatened by feral pigs 	<p>30/04/2022</p>	<p>\$150,000</p>

Table 2C: Victoria – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
<ul style="list-style-type: none"> Database of surveillance and exotic disease preparedness boosted with biological samples Reviewing and updating best-practice guidelines for feral pig management relevant to northern Australia 	<ul style="list-style-type: none"> Results from collected biological samples of feral pigs subject to operational control to boost database of surveillance and exotic disease preparedness programs e.g. provide samples to current Victorian projects undertaking genetic (Arthur Rylah Institute) and disease (Chief Veterinary Officer Unit) testing from feral pigs, and the planned national landscape genetic surveillance led by CSIRO Development of at least one case study describing procedures and achievements for one of the cross-tenure community feral pig management programs Interactions and network building between Victoria and the National feral pig coordinator project and interstate agencies involved in feral pig management 		
Final report - <i>Indigenous Facilitator for the management of pest and weeds in culturally sensitive landscapes</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$144,400
Final report - <i>Advancing feral pig management in Victoria</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$190,000

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

3/June 2021

Signed for and on behalf of the State of Victoria by

The Honourable Mary-Anne Thomas MP
Minister for Agriculture

21 June 2021

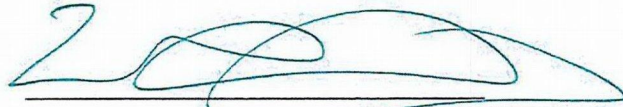
Table 2D: South Australia – Performance requirements, reporting and payment summary

Output	Performance milestones	Report due	Payment
Cosigned schedule and high level work plan - <i>Coordinated control of established pest animals and unpalatable perennial grasses through community-led action</i>	Exchange of FFA Schedule and provision of high level activity work plan.	7/06/2021	\$160,000
Cosigned schedule and high level work plan – <i>Coordinated capacity building for Aboriginal Land Managers to control Weeds of National Significance and other high priority established weeds</i>	Exchange of FFA Schedule and provision of high level activity work plan.	7/06/2021	\$76,800
<i>Coordinated control of established pest animals and unpalatable perennial grasses through community-led action</i> <ul style="list-style-type: none"> • Support the development of two SA state coordinator roles for: <ul style="list-style-type: none"> ○ priority pest animals (rabbits, deer, and foxes) and, ○ weeds (unpalatable perennial grasses) 	Submission of progress report detailing outcomes including: <ul style="list-style-type: none"> • Appointment of two coordinators • Outcomes from formal training in pest animals and weed management practices with stakeholders • Outcomes from workshops on integrated, best practice pest and weed control demonstrating new and emerging control tools • Outcomes from coordinated pest and weed control activities within and among landholder groups • Development of best practice management resources at various operational scales to increase the capacity of landholders to control pests and weeds 	30/04/2022	\$150,000
<i>Coordinated capacity building for Aboriginal Land Managers to control Weeds of National Significance and other high priority established weeds</i> <ul style="list-style-type: none"> • Create opportunities for Aboriginal people in primary industries and regional development, to manage Weeds of National Significance (WoNS) while aligning biosecurity outcomes to local community needs 	Submission of progress report detailing outcomes including: <ul style="list-style-type: none"> • Increased participation in weed surveillance by Aboriginal communities • Outcomes from public forums and other consultation • Progress on reducing the impact from athel pine, opuntoid cacti, and African boxthorn on primary production/ infrastructure and biodiversity on Aboriginal lands • Outcomes from landscape scale pathway analysis to assess risks of weed invasion from other regions or states • Progress on decreasing the size and density of key weed infestations thereby improving amenity value and carrying capacity of Aboriginal lands 	30/04/2022	\$72,000

Table 2D: South Australia – Performance requirements, reporting and payment summary			
Output	Performance milestones	Report due	Payment
	<ul style="list-style-type: none"> Outcomes from the provision of training in safe use of chemicals including personal protective equipment (PPE) and work health and safety (WHS). 		
Final report - <i>Coordinated control of established pest animals and unpalatable perennial grasses through community-led action</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$190,000
Final report - <i>Coordinated capacity building for Aboriginal Land Managers to control Weeds of National Significance and other high priority established weeds</i>	Submission of final report detailing outcomes of the above	30/04/2023	\$91,200

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by



The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

3 June 2021

Signed for and on behalf of the State of South Australia by



The Honourable David Basham MP
Minister for Primary Industries and Regional Development

17th June 2021

Table 2E: Tasmania – Performance requirements, reporting and payment summary			
Output	Performance milestones	Report due	Payment
Cosigned schedule and high level work plan	Exchange of FFA Schedule and provision of high level activity work plan.	7/06/2021	\$158,575
<p><i>Coordinated action to support landowners to improve agricultural productivity and protect significant environmental values from the impacts of highly invasive perennial grasses, including Nassella grass species</i></p> <ul style="list-style-type: none"> State-wide highly invasive perennial grasses network established to share knowledge, resources Highly invasive perennial grasses awareness program established, including training programs 	<p>Submission of progress report detailing outcomes including:</p> <ul style="list-style-type: none"> Appointment of project officer Development of, and outcomes from highly invasive perennial grasses training and awareness program Development of project business plan, communication strategy Development of updated distribution maps Outcomes from field days and workshops 	30/04/2022	\$148,664
<ul style="list-style-type: none"> Final report 	<ul style="list-style-type: none"> Submission of final report detailing outcomes of the above 	30/04/2023	\$188,307

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

8 June 2021

Signed for and on behalf of the State of Tasmania by

The Honourable Guy Barnett MP
Minister for Primary Industries and Water

28 June 2021

Table 2F: Northern Territory – Performance requirements, reporting and payment summary			
Output	Performance milestones	Report due	Payment
<ul style="list-style-type: none"> Cosigned schedule and high level work plan 	Exchange of FFA Schedule and provision of high level activity work plan.	07/06/2021	\$160,000
<p><i>Advancing the detection, control and management of Siam weed in northern Australia</i></p> <ul style="list-style-type: none"> Development of a cost-effective method for surveillance of Siam weed. End user focused, integrated management manual for Siam weed developed. Improved strategic management of Siam weed in the NT. 	Submission of progress report detailing outcomes including: <ul style="list-style-type: none"> Appointment of a project officer Coordination, extension and engagement activities, including field days, planning assistance, maps of areas surveyed or controlled Progress on adaption and testing of new method to detect Siam weed flowers, including publication of results Collation of national and international Siam weed control information in wet-dry tropics and evaluation of difference surveillance and control methods Development of integrated Siam weed management manual. Progress on improving NT land managers capacity to identify, survey and control Siam weed. 	30/04/2022	\$150,000
<ul style="list-style-type: none"> Final report 	<ul style="list-style-type: none"> Submission of final report detailing outcomes of the above 	30/04/2023	\$190,000

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

3 June 2021

Signed for and on behalf of the Northern Territory by

The Honourable Nicole Manison MLA
Minister for Agribusiness and Aquaculture

15 / 6 / 2021

Table 2G: Western Australia – Performance requirements, reporting and payment summary			
Output	Performance milestones	Report due	Payment
Cosigned schedule and high level work plan	Exchange of FFA Schedule and provision of high level activity work plan.	07/06/2021	\$142,656
<i>Establishing a landscape scale wild dog and feral pig monitoring network to improve delivery of coordinated and effective pest management.</i> <ul style="list-style-type: none"> Capacity increased for three recognized biosecurity groups in the northern agricultural zone to detect and respond to invasive pests Expansive remote camera trapping surveillance network for wild dogs and feral pigs developed. 	Submission of progress report detailing outcomes including: <ul style="list-style-type: none"> Establishment of remotely downloadable camera traps across the northern agricultural zone Progress of landholder engagement actively participating in wild dog and feral pig control across the northern agricultural zone including relevant training Outcomes of landholder workshops to demonstrate impacts of coordinated control Creation of wild dog and feral pig abundance and impacts distribution maps Details of wild dog and feral pig management activities in response to monitoring network 	30/04/2022	\$133,740
<ul style="list-style-type: none"> Final report 	<ul style="list-style-type: none"> Submission of final report detailing outcomes of the above 	30/04/2023	\$169,404

The Parties have confirmed their commitment to this schedule as follows:

Signed for and on behalf of the Commonwealth of Australia by

The Honourable David Littleproud MP
Minister for Agriculture, Drought and Emergency Management

3 June 2021

Signed for and on behalf of the State of Western Australia by

The Honourable Alannah MacTiernan MLC
Minister for Agriculture and Food

30 June 2021