

## Regional Beef Research Committee

### Ranking

### Top NABRC regional RD&A issues 2021-2022

		Queensland						Northern Territory			Western Australia	
		SEQ	SQ	CQ	WQ	NQ	NWQ	BRAC	KPIAC	ASPIAC	KIM	PIL
1	Calf loss from pregnancy to weaning.	1						4	1			
2	Research into pasture dieback.	2		1								
3	Accuracy of short/long term weather forecasts.	3										
4	Extention and adoption of existing information.	4										
5	Effective supplementation.	5										
6	Tick and Buffalo fly control.	6										
7	Improved production and economic performance of producers.		1									
8	Define and reasses agricultural policy.		2									
9	Identify and mitigate barriers to adoption of best knowledge practices.		3									
10	Optimisation of on-farm vegetation (pastures, forage, trees) for productivity, profitability and sustainability.		4									
11	Optimisation of reproductive outcomes namley calf loss, managing dystocia, defined joining periods and weaning rates with SQ region (Genetics x Environment).		5									
12	Managing climate variability and drought preparedness;		6									
13	Technologies to assist with pasture carrying capacity calculations and stocking rate decisions - Tools to enable timely, easy and reasonably accurate measurement of pasture biomass (quantity) and quality.			2								
14	Practical pathways to sustainable pasture - enhanced ability to manage native pastures, Improved strategies for selection and establishment of sown pastures, managing the pasture woody vegetation balance.			3								
15	Rumen efficiency (strategies and or products to increase productivity and decrease methane production).			4				5				
16	Bovine Ephemeral Fever (3 day) vaccine - easier to use vaccine, enhanced efficacy.			5								
17	Reproduction strategies to achieve high performance year in year out.				1							
18	Grazing management strategies for improved pasture recovery after drought				2							
19	Business planning for weather extremes				3							
20	Improving rumen function/adaptation to low quality feed.				4							
21	Livestock management for and during weather extremes.				5							



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45	Using technology to optimise feedbase utilisation.										3	
46	Carbon footprint/energy audit measurement methodologies and tools.										4	5
47	Optimising supplementation including effectiveness of supplementing different animal classes (eg weaners vs breeders).										5	
48	Fall armyworm Surveillance / Management / Research / Quantify impact.										6	6
49	Pain relief.											2
50	Herd data collection and use, satellite imagery for monitoring, drones etc.											3
51	Closing the loop with MLA work on new market opportunities (e.g. Europe) in order to capitalise on them.											4