

### Appendix 3 Basic pasture condition data

Table 5 Basic pasture condition data

5a Condition assessment data for Queensland						
Pasture community		Soil type	% of community	Condition (%)		
Shire or region				A	B	C
<b>Rainforest-derived pastures</b>						
Albert, Beaudesert, and Gympie district shires			22	30	50	20
Pioneer		Earths		30	50	20
Proserpine		Duplex (f)	18	20	60	20
		Earths		30	50	20
Mirani		Clays		5	50	45
		Duplex (c)		5	50	45
		Duplex (f)		5	55	40
		Earths		40	55	5
Douglas, Mulgrave Eacham			60	50	50	0
<b>Littoral – saltwater couch</b>						
Gulf and Peninsula coasts			90	90	5	5
Townsville south			10	70	20	10
<b>Heathlands</b>		not assessed				
<b>Blady grass</b>						
Bowen and north			40	10	70	20
Livingstone		Clays	7.5	80	10	10
		Duplex (c)		60	20	20
		Duplex (f)		70	15	15
Sarina		Clays	4	25	65	10
		Duplex (c)		30	50	20
		Duplex (f)		40	45	15
Mirani Shire		Clays	2.5	5	55	40
		Duplex (c)		5	35	60
		Duplex (f)		30	55	15
Pioneer		Clays	5	5	55	40
		Duplex (c)		5	35	60
		Duplex (f)		30	55	15
		Earths		40	55	5
Proserpine		Clays	6	5	55	40
		Duplex (c)		5	20	75
		Duplex (f)		5	25	70
		Earths		40	55	5
Miriam Vale and south			35	10	75	15
<b>Black speargrass (southern)</b>						
Gayndah, Eidsvold, Mundubbera, Monto, Biggenden, Kilkivan, Kingaroy, Nanango, <i>et al.</i>		Clays	11.6	60	35	5
		Duplex (c)		10	85	5
		Duplex (f)		5	80	15
		Alluvial		20	40	40
Boonah Moreton Esk Gatton, Laidley Kilcoy			8.1	25	65	10
				30	50	20
				40	50	10
				15	55	30
				25	60	15

5a Queensland continued						
Pasture community		Soil type	% of community	Condition (%)		
Shire or region				A	B	C
Miriam Vale, Woocoo, Tiaro, Widgee, Isis, Perry, Kolan, <i>et al.</i>			7.3	10	65	25
Black speargrass (central)						
Calliope	Clays	2.7	85	5	10	
	Duplex (c)		45	45	10	
	Duplex (f)		65	25	10	
	Alluvial		85	5	10	
Fitzroy	Clays	2.5	85	10	5	
	Duplex (c)		65	20	15	
	Duplex (f)		80	10	10	
	Alluvial		65	25	10	
Mt. Morgan	Clays	0.3	30	30	40	
	Duplex (c)		40	40	20	
	Duplex (f)		50	40	10	
Livingstone	Clays	5.3	50	35	15	
	Duplex (c)		40	50	10	
	Duplex (f)		50	40	10	
	Earths		40	40	20	
	Alluvial		50	20	30	
Broadsound	Clays	2.7	30	40	30	
	Duplex (c)		40	35	25	
	Duplex (f)		45	35	20	
Banana	Clays	2.5	40	40	20	
	Duplex (c)		40	40	20	
	Duplex (f)		50	30	20	
	Earths		20	60	20	
	Alluvial		30	40	30	
Nebo	Duplex (c)	2.1	30	50	20	
	Duplex (f)		40	45	15	
	Earths		5	35	60	
Sarina	Clays	0.5	25	65	10	
	Duplex (c)		30	50	20	
	Duplex (f)		40	45	15	
Mirani	Clays	1.0	25	65	10	
	Duplex (c)		30	50	20	
	Duplex (f)		40	45	15	
	Earths		40	50	10	
Pioneer	Duplex (c)	0.3	30	50	20	
	Duplex (f)		40	45	15	
	Earths		40	50	10	
Proserpine	Duplex (c)	0.2	30	50	20	
	Duplex (f)		40	45	15	
	Earths		40	50	10	
Black speargrass (northern)						
Etheridge, Mareeba			20	15	70	15
Herberton			4	70	25	5
Dalrymple	Sands	3.9	30	60	10	
	Loams, clays, brown duplex	2.6	50	30	20	
	Earths	7.8	20	50	30	
	Red duplex	3.9	40	40	20	
	Yellow, grey duplex	5.2	35	40	25	
	Basaltics	2.6	60	30	10	

5a Queensland continued						
Pasture community		Soil type	% of community	Condition (%)		
Shire or region				A	B	C
	Bowen coastal		3	10	80	10
	Ayr coastal			10	80	10
	Thuringowa			10	70	20
Queensland bluegrass (central)						
	Bauhina	Clays Alluvials	16.2	20 10	40 30	40 60
	Emerald	Clays	4.8	10	60	30
	Belyando	Clays	24	10	10	80
	Peak Downs	Clays	12	5	45	50
	Nebo	Clays	3	15	25	60
Queensland bluegrass (southern)						
	Darling Downs	Plains Uplands	12 28	70 40	25 50	5 10
Brigalow (northern)						
	Bowen, Dalrymple	Uncleared Cleared		40 25	55 75	5 0
	Nebo	Clays Duplex (c) Duplex (f)	5.6	20 10 30	40 55 40	40 35 30
	Belyando	Clays Duplex (c) Duplex (f) Alluvials	3.6	10 15 15 5	20 25 30 25	70 60 55 70
	Broadsound	Clays Duplex (f) Alluvial	5.6	30 40 10	40 35 30	30 25 60
	Peak Downs	Clays Duplex (f)	1.6	20 10	75 50	5 40
	Emerald	Clays Duplex (c)		30 5	65 55	5 40
	Duarina	Clays Duplex(c) Duplex (f) Alluvial	6	35 30 35 10	40 55 30 20	25 15 35 70
	Bauhinia	Clays Duplex (c) Duplex (f)	8	35 30 30	35 20 20	30 50 50
	Banana	Clays Duplex (f) Alluvial	8	60 55 40	35 30 45	5 15 15
	Fitzroy	Clays Duplex (f)	1.6	75 75	20 20	5 5
	Livingstone	Clays Duplex (f)		55 55	35 35	10 10
Brigalow (central)						
	Booringa, Bungil, Warroo, Bendemere	Clays	20	30	35	35

5a Queensland continued						
Pasture community		Soil type	% of community	Condition(%)		
Shire or region				A	B	C
<i>Brigalow-belah (southern)</i>						
	Taroom		12	60	35	5
	Murilla, Chinchilla and south		28	45	45	10
<i>Aristida - Chrysopogon</i>						
	Western slopes, Einasleigh and Paper barked teatree		100	75	15	10
<i>Aristida - Triodia</i>						
	Not assessed					
<i>Aristida</i>						
	Broadsound, Duaringa, Bauhinia, Emerald Booringa, Bungil		70	25	55	20
	Taroom		30	40	30	30
<i>Aristida - Thyridolepis</i>						
	Booringa, Murweh, Warroo		40	10	40	50
	Balonne, Waggamba		60	25	55	20
<i>Bothriochloa - Chloris - Aristida</i>						
	Dalrymple, Bowen	Sands	12	45	45	10
		Earths		25	60	15
		Yellow duplex		40	50	10
	Broadsound	Duplex (c)	7.7	35	50	15
		Duplex (f)		55	35	10
		Earths		20	60	20
	Duaringa	Duplex (c)	11.2	25	45	30
		Duplex (f)		20	60	20
		Earths		15	45	40
		Alluvial		50	35	15
	Bauhinia	Clays	10.5	10	40	50
		Duplex (c)		20	40	40
		Duplex (f)		20	50	30
		Earths		10	30	60
	Emerald	Duplex (c)	9.1	15	50	35
		Duplex (f)		5	50	45
		Earths		10	30	60
		Alluvials		5	25	70
	Belyando	Duplex (c)	14	15	50	35
		Duplex (f)		5	50	45
		Earths		15	50	35
		Alluvials		5	55	40
	Jericho	Duplex (c)	7.7	10	50	40
		Duplex (f)		10	50	40
		Earths		15	55	30

5a Queensland continued						
Pasture community		Soil type	% of community	Condition (%)		
	Shire or region			A	B	C
	Peak Downs	Duplex (c) Duplex (f) Earths	5.6	15 5 10	50 50 40	35 45 50
	Nebo	Duplex (c) Duplex (f) Earths Alluvials	4.2	10 10 10 5	60 50 40 35	30 40 50 60
	Southern Queensland	Clay, box Duplex, box Duplex, alluvial	4.3 6.5 7.2	35 20 20	60 40 50	5 40 30
<i>Aristida - Eragrostis</i> (Cypress – bull oak)						
	Roma		35	25	55	20
	Taroom, Chinchilla, Murilla, Wambo, Tara, Millmeran, Inglewood	Sandy, skeletal	65	60	30	10
<i>Bothriochloa – Stipa – Danthonia</i>						
	Rosenthal, Inglewood, Stanthorpe	Traprock Granite Sandstone	40 20 40	25 60 20	60 30 70	15 10 10
Gidgee (Central Queensland)						
	Flinders	Clays	35	20	50	30
	Aramac, Belyando	Clays Alluvial		20 5	35 20	45 75
	Blackall, Barcaldine, Tambo		10	30	50	20
Gidgee (South-west Queensland)						
	Quiple, Paroo west		15	20	20	60
	Paroo east, Balonne		10	5	50	45
Gidgee (Western Queensland)						
	Cloncurry, Boulia	Clays Duplex Alluvial Skeletal	30	70 60 60 70	20 20 20 20	10 20 20 10
Georgina gidgee						
	Boulia	Clays Desert loams Alluvial	100	70 70 50	20 20 35	10 10 15
Soft and hard mulga						
	Charleville		100	20	60	20
Mulga on residuals						
	Charleville		100	20	40	40
Mulga – whitewood						
	Charleville		100	20	40	40

5a Queensland continued						
Pasture community		Soil type	% of community	Condition (%)		
Shire or region				A	B	C
Mitchell grass on rolling downs						
Julia Creek, Winton			55	70	25	5
Winton, Blackall			32	70	25	5
Blackall, Augathella			10	25	60	15
Maranoa		Downs	3	40	50	10
		Clay, alluvial		40	50	10
Mitchell grass on southern alluvials						
Paroo			60	34	33	33
Balonne, Waggamba			40	20	65	15
Mitchell grass on stony downs						
Charleville			100	30	50	20
Mitchell grass on ashy downs						
Charleville			100	30	50	20
Spinifex						
Dalrymple, Flinders		Earths	10	50	30	20
		Yellow duplex		40	40	20
Belyando		Earths	2.5	60	20	20
Jerico		Earths	12.5	65	20	15
North-west Qld, Mt. Isa		Skeletal		80	15	5
		Earths	40	70	20	10
		Brown		70	20	10
		Alluvial		50	35	15
West Qld, Charleville			35	20	60	20
Channel Pastures						
West Qld, Charleville			100	40	40	20
Bluegrass – browntop						
Burke, Carpentaria, Cloncurry, McKinlay			100	20	75	5
<i>Schizachyrium</i>						
Tropical plains and low hills			50	20	70	10
Northern flooded alluvial plains			50	30	50	20
Native sorghum (perennial)						
Cook			100	90	5	5

5b Condition assessment data for Western Australia

Pasture community		Land System	Area sq. km	Condition %		
Region				A	B	C
Littoral						
	North Kimberley	Carpentaria	700	100	0	0
	East Kimberley	Carpentaria	2 700	100	0	0
		Legune	100	100	0	0
	West Kimberley	Carpentaria	960	45	30	25
		Roebuck	390	60	30	10
Cockatoo grass						
	North Kimberley	Pago	2 045	80	20	0
Perennial sorghum						
	North Kimberley	Foster	285	80	20	0
Annual sorghum						
	North Kimberley	Barton	1 035	80	20	0
		Napier	6 565	80	20	0
		Pago	2 045	80	20	0
		Buldiva	20 720	80	20	0
	East Kimberley	Pinkerton	7 500	60	30	10
		Weaber	700	90	10	0
		Antrim	2 425	35	55	10
		Cockatoo	3 400	20	70	10
		Macphee	900	45	50	5
		Napier	455	60	30	10
		Angellari	650	70	25	5
		Cockburn	390	30	50	20
Whitegrass						
	North Kimberley	Barton	4 145	80	20	0
		Kennedy	1 245	80	20	0
		Isdell	250	80	20	0
		Napier	3 535	80	20	0
	East Kimberley	Napier	245	60	30	10
Whitegrass – annual sorghum						
	West Kimberley	Forrest	830	60	30	10
		Looingnin	2 775	95	5	0
Whitegrass – Sorghum – <i>Themeda</i> – <i>Chrysopogon</i>						
	East Kimberley	Dinnabung	1 000	5	50	45
		Franklin	110	40	50	10
		Frayne	765	50	35	15
Whitegrass – bundle-bundle						
	West Kimberley	Cowdyne	925	60	20	20
		Looingnin	1 370	60	30	10
Tropical bluegrass						
	North Kimberley	Isdell	165	60	40	0
	East Kimberley	Ivanhoe	1 300	15	45	40
Three-awn speargrass						
	East Kimberley	Buchanan	1 200	95	5	0

5b Western Australia continued						
Pasture community		Land system	Area sq. km	Condition (%)		
Region				A	B	C
Kerosene grass						
	North Kimberley	Karunjie	1 865	60	30	10
Ribbongrass – high rainfall						
	West Kimberley	Calwynyardah	1 140	50	25	25
		Egan	1 554	40	50	10
		Gladstone	78	50	40	10
		Sisters	1 120	60	30	10
Ribbongrass – monsoon						
	North Kimberley	Kennedy	1 245	60	30	10
Ribbongrass						
	East Kimberley	Richenda	1 800	55	30	15
Ribbongrass – curly/soft spinifex						
	West Kimberley	Coonangoody	2 072	25	60	15
		Luluigui	583	40	50	10
		Mamilu	798	65	35	0
		Myroodah	1 970	10	65	25
		Richenda	1 630	65	25	10
		Yeeda	2 210	85	10	5
		Lowangan	78	90	10	0
		Mandeville	78	90	10	0
	Tarraj	156	70	20	10	
Frontage grass						
	West Kimberley	Amy	725	40	20	40
		Djada	2 155	20	30	50
		Glenroy	560	40	30	30
		Gogo	1 336	20	40	40
Mulga shrubland						
	Pilbara	Red clay	26 250	50	40	10
<i>Eremophila</i> – <i>Cassia</i> shrubland						
	Pilbara	Stony skeletal	26 250	90	10	0
<i>Acacia</i> – <i>Atriplex</i> shrubland						
	Pilbara	Alluvial	13 000	40	50	10
Shortgrass – ribbongrass						
	West Kimberley	O'Donnell	1 088	40	40	20
Shortgrass – curly spinifex						
	West Kimberley	Bohemia	310	40	20	40
		Burramundi	310	60	30	10
		Koongie	1 368	20	30	50
		Margaret	130	40	45	15
		Pigeon	2 390	40	40	20
		Rose	166	50	35	15
Shortgrass grassland						
	East Kimberley	Antrim	1 940	35	55	10
		Koongie	100	20	40	40
		Ruby	50	35	55	10
		Gordon	720	60	25	15
		Nelson	2 200	55	30	15
		O'Donnell	1 785	40	40	20
		Argyle	80	40	50	10



5b Western Australia						
Pasture community		Land system	Area sq. km	Condition		
Region	A			B	C	
Mitchell grass plains						
East Kimberley	Antrim	485	35	55	10	
	Frayne	85	50	35	15	
	Gordon	80	70	20	10	
	Wave Hill	1 600	30	45	25	
	Argyle	720	50	40	10	
	Inverway	3 500	50	50	0	
	Black soil plains					
West Kimberley	Alexander	1 295	60	20	20	
	Cowendyne	888	70	15	15	
	Djada	1 989	50	40	10	
	Duffer	518	50	40	10	
	Fossil	3 108	65	35	0	
	Gladstone	52	50	40	10	
	Gogo	218	50	40	10	
	Leopold	388	55	35	10	
	Neillabubica	881	50	40	10	
	Oscar	2 850	50	40	10	
Shortgrass - tussock - soft spinifex						
Pilbara	Cracking clays, coastal plain and red duplex	13 000	45	45	10	

Notes:

(c) = Coarse surface texture e.g. derived from granite

(f) = Fine surface texture e.g. derived from mudstone

Data for Northern Territory was collected as in Table 3b