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WormFax is based on sheep WormTest (worm egg count (WEC) monitoring) data from NSW DPI Regional Veterinary Laboratories at Orange and Camden/Menangle (EMAI,) as well as from Armidale-based private laboratories, Veterinary Health Research (VHR), and New England Veterinary Centres (included in VHR results). Owner details are not disclosed.

WormFax is a monthly summary of WormTesting results (in sheep) from around New South Wales. Copies are sent by e-mail each month, and are published on the NSW DPI website at:

www.dpi.nsw.gov.au/newsletters/wormfax

also see <http://www.dpi.nsw.gov.au/agriculture/livestock/sheep/health>

(Internal Parasites - 'Worms on the Web')

WormFax Data

Detailed data is provided in the following worksheets. See coloured tabs labelled 'Data ...' below.

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Explanatory Notes

Each row in the tables contains the summary data for a WormTest.

WormTests generally consist of worm egg counts (WECs) for 10 individual sheep from a mob. The individual strongyle egg counts (reported in eggs per gram faeces (EPG)) are not shown, but the average, high and low WECs for each WormTest are shown ('Strong Avg, Min and Max'). In addition to strongyle egg counts, a larval differentiation or "worm typing" is often done as well, showing the percentage of strongyle eggs coming from different worm 'strongyle' species, including *Haemonchus contortus* (barber's pole worm; 'H%'), *Trichostrongylus* spp (black scour worm; 'Trich%'), *Ostertagia* (=Teladorsagia) *circumcincta* (small brown stomach worm; 'O%'), *Cooperia* spp (intestinal worm; 'C%'), and *Oesophagostomum* spp (large bowel worm; less commonly nodule worm; 'Oe%'). The eggs of all these species are very similar in appearance.

The eggs of *Nematodirus* spp (thin-necked intestinal worms; 'Nem Avg') are quite different from strongyle eggs under the microscope, and the counts for these are reported separately.

Liver fluke ('LF') eggs are also quite different from strongyle eggs, and are counted using a different technique anyway. Some labs report two counts for liver fluke (two batches of five samples), hence the two columns for fluke in the tables.

Age and sex descriptors may be abbreviated:

Age: A=adult, L= lamb (< 4 months), W=weaner (4-11 months), H=hogget (12-24 months).

Sex: W=wether, E=ewe, R=ram, M or MXD=mixed.

Labs: for various reasons, the WormTest data is presented in three worksheets (see coloured tabs), one for each lab. WormTest results for a particular district may appear in one or more of the 'Data' worksheets.

Each farm is unique!

There can be enormous variation in worm egg counts between farms and even between mobs on a farm. It's important therefore that each farm does its own, regular WormTesting (worm egg count monitoring). Don't forget to do occasional DrenchChecks (worm egg count after a drench).

For more information, ask your vet or other professional adviser.

Also see "Worms on the Web": www.agric.nsw.gov.au/reader/sheep-internal

NSW Department of Primary Industries Regional Veterinary Labs:

www.agric.nsw.gov.au/reader/das-laboratory

"NATA accredited (to ISO 17025) and unsurpassed for breadth and quality of services".

* Camden/Menangle (EMAI) - tel (02) 4640 6327

* Orange - tel (02) 6391 3858

* Wollongbar - tel (02) 6626 1103

Private laboratories contributing data to WormFax:

* Veterinary Health Research, Armidale tel (02) 6771 1358

* New England Veterinary Centres, Armidale tel (02) 6771 2022



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The information contained in this publication is based on knowledge and understanding at the time of writing (May 2009). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of New South Wales Department of Primary Industries or the user's independent adviser.

Recognising that some of the information in this document is provided by third parties, the State of New South Wales, the author and the publisher take no responsibility for the accuracy, currency, reliability and correctness of any information included in the document provided by third parties.

RLPB District	Abbreviations
(ACT)	
Armidale	ARM
Balranald	BAL
Bombala	BOM
Bourke	
Braidwood	BRA
Brewarrina	BRE
Broken Hill	
Casino	
Central Tableland	CNT
Cobar	
Cooma	COOM
Coonabarabran	COON
Coonamble	CBL
Dubbo	DUB
Gloucester	
Goulburn	GOUL
Grafton	
Gundagai	GUN
Hay	HAY
Hillston	HIL
Hume	HUM
Hunter	HUN
Kempsey	
Maitland	
Milparinka	
Molong	MOL
Moree	
Moss Vale	
Mudgee-Merrima	MUD
Murray	MUR
Narranderra	NAR
Narrabri	NBR
Northern New E	NNE
Northern Slopes	NS
Nyngan	NYN
Riverina	
South Coast	STC
Tamworth	TAM
Tweed	
Wagga	WAG
Walgett	WAL
Wanaaring	
Wentworth	
Wilcannia	
Yass	YAS
Young	

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke			Nematodirus		
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High	
BOM	A	E	60		40	80										0
BOM	A	E	128		0	360										8
BRA	M	E	244		0	440										4
CBL	A	E	76		0	240										36
CBL	W	W	120		0	240		97		3						0
CBL	W	M	200		80	320										20
CBL	A	E	340		200	480		97		3						0
CBL	W	W	560		560	560										20
COO	M	E	60		0	120										0
CTL	M	E	80		40	120										0
CTL	W	M	144		0	520										56
CTL	A	E	180		160	200	28	7		57	8		0	0		60
DUB	W	M	40		40	40										0
DUB	A	E	320		120	520	93	6				1				0
DUB	A	E	620		560	680	97	3								0
DUB	A	E	3212		1200	7680	85	15								8
FOR	A	E	0		0	0										0
GOU	A	E	0		0	0										0
GOU	W	M	100		80	120										0
GOU	H	M	100		80	120										20
GOU	W	M	192		0	560										68
GUN	W	E	32		0	240										28
GUN	M	E	152		0	280		35		65						28
HAY	A	E	1920		560	3280		95		5						0
HUM	A	E	124		0	360		8		92						0
HUM	H	E	180		120	240										0
HUM	A	E	380		320	440										0
HUM	A	E	740		520	960										0
HUN	M	M	284		0	1280	63	37								0
HUN	W	R	572		0	3200										0
MUD	H	E	0		0	0										0
MUD	W	M	0		0	0										0
NNE	H	W	2752		40	14400										0
NNE	H	W	3208		1240	4560										28
NNE	H	W	3864		520	22400										4
NNE	H	W	4860		320	20800										8
NNE	H	W	4960		240	16400										16
NNE	H	W	5156		0	25000										16
NNE	H	W	5484		360	11200										16
NNE	H	W	5568		80	16400										28
NNE	H	W	6528		360	20400										4
NNE	H	W	6556		0	19400										4
NNE	H	W	6616		0	35800										0
NNE	H	W	8320		40	24800										12
NNE	H	W	8856		440	43000										20
NNE	H	W	9056		40	32200										0
NNE	H	W	9564		640	46400										56
NNE	H	W	10516		600	33800										32
NNE	H	W	10540		120	45400										4
NNE	H	W	10952		400	2160										4
NNE	H	W	11748		440	23600										20
NNE	H	W	12152		2760	29800										20
NNE	H	W	12280		920	24800										16
NNE	H	W	12600		1480	18600										0
NNE	H	W	18616		1720	55200										32
NYN	W	E	104		0	400										0
NYN	W	W	312		40	1200		85		14	1					0
RIV	W	E	40		0	160										32
RIV	H	E	48		0	280										8
RIV	A	E	192		0	360		71		22	7					0
RIV	H	E	228		0	600	2	68		28	2					36
TAM	L	M	896		240	1760		97		3						0
TAM	L	M										0	0			
WAG	W	M	0		0	0										8
YAS	A	E	24		0	80										4
YAS	A	E	124		0	360	20	42		27	11					40
YAS	A	E	208		0	880	8	31		61						0
YAS	A	E	396		40	700										52
YAS	A	E														
YOU	W	M	0		0	0										8
YOU	W	M	16		0	120										44
YOU	A	E	120		40	200										20
YOU	A	E	120		120	120		11		89						0
YOU	W	M	120		40	200										0
YOU	M	E	180		80	280		7		93						0
YOU	A	E	220		160	280		6		94						0
YOU	A	E	228		0	800		24		76		0	0			20
YOU	M	M	268		0	640	87	10		3						4

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation				Liver fluke			Nematodiru	
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low
BOM	W	M	0	0	0						0	0		60
BOM	M	E	0	0	0						1	0		0
BOM	W	M	0	0	0						0	0		36
BOM	H	W	232	0	760									4
BRA	M	E	0	0	0									40
BRA	W	M	16	0	80									36
BRA	W	M	20	0	40									0
BRA	H	E	20	0	40									20
BRA	H	E	80	40	120									60
BRA	A	E	108	0	240		3	49	45	3				16
BRA	A	E	624	0	1960		93	2	5					0
BRA	H	E	832	80	2640		77	4	18	1				40
COO	M	E	100	0	200									20
CTL	A	E	60	40	80									0
CTL	W	M	204	0	560		14	32	42	12				172
CTL	W	M	300	240	360		100				0	0		60
CTL	W	M	400	400	400									80
CTL	W	M	468	120	1120		7	78	6	9				44
CTL	A	M	1040	1000	1080									0
GOU	W	W	60	40	80									0
GOU	W	M	236	0	1800		4	73	23					64
GUN	A	E	8	0	80						0	0		32
GUN	A	E	192	0	640		25	8	53	14	0	0		4
HUM	A	E	4	0	40									0
HUM	W	E	700	640	700			78	20	2				0
HUN	M	M	260	0	1160									8
HUN	A	M	1572	0	10040									0
MUD	A	W	320	200	440		44	31	25					0
MUD	A	E	440	360	520		34	58	8					0
MUD	A	E	1420	960	1880		69	25	6					0
NYN	A	E	300	200	400		3	69	19	9				0
NYN	W	M	692	0	1960		96				4			48
RIV	A	E	20	0	40						0	0		0
RIV	A	E	40	40	40									0
WAG	H	E	16	0	80						0	0		0
YAS	W	M	0	0	0									40
YAS	W	M	0	0	0									0
YAS	H	E	0	0	0									20
YAS	W	M	0	0	0									60
YAS	W	W	0	0	0									0
YAS	W	W	0	0	0									0
YAS	W	W	0	0	0									0
YAS	W	M	20	0	40						0	0		55
YAS	W	M	44	0	200									64
YAS	W	W	52	0	200									0
YAS	M	E	148	0	520			23	77		0	0		4
YAS	W	W	332	80	680			12	88					60
YAS	M	E	332	40	640									24
YAS	M	E	348	0	1040						0	0		20
YOU	W	M	0	0	0									0
YOU	A	E	0	0	0									0
YOU	W	M	0	0	0									4
YOU	A	E	0	0	0									0
YOU	W	E	4	0	40									0
YOU	W	W	16	0	80									20
YOU	W	E	20	0	40									0

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke		Nematodiru	
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low
BRE	W	W	156	0	320		23	69	8				68	
CBL	W	W	352	120	600		2	77	21				20	
CBL	W	W	400	0	1600		35	59	6				40	
CBL	W	E	876	320	2360		59	36	5				56	
CNT	A	E	0	0	0									
CNT	A	E	0	0	0									
CNT	W	MXD	0	0	0								20	
CNT	W	E	0	0	0								80	
CNT	A	E	40	0	80									
CNT	A	E	40	40	40									
CNT	A	E	40	40	40									
CNT	W	?	48	0	160								116	
CNT	A	E	72	0	160									
CNT	W	MXD	80	80	80									
CNT	W	E	80	80	80								60	
CNT	H	E	104	0	360								40	
CNT	MXD	E	120	80	160									
CNT	A	MXD	140	120	160									
CNT	A	E	140	120	160									
CNT	W	MXD	140	0	280								120	
CNT	A	E	160	160	160									
CNT	A	E	200	160	240									
CNT	A	E	200	80	320									
CNT	A	E	240	120	360									
CNT	H	E	240	120	360			34	62	4			60	
CNT	A	E	268	40	600								4	
CNT	?	E	300	240	360			79	2	19				
CNT	A	E	300	280	320	16	28	11	46					
CNT	A	E	320	240	400									
CNT	A	E	360	240	480								20	
CNT	A	E	400	400	400									
CNT	A	E	420	80	760								20	
CNT	S	MXD	460	440	480	36	64							
CNT	A	E	540	0	1080	97	1	2						
CNT	A	E	560	520	600								20	
CNT	A	W	600	340	840						Neg		20	
CNT	A	E	680	440	920								40	
CNT	H	E	696	360	1200		73	12	15		Neg		56	
CNT	A	E	720	600	840						Neg			
CNT	H	E	820	200	1440									
CNT	A	E	1060	640	1480									
COO	A	MXD	0	0	0									
COO	A	E	20	0	40									
COO	W	W	20	0	40								100	
COO	W	W	60	40	80									
COO	A	E	60	40	80									
COO	H	E	140	0	280			50	11	39			20	
COO	A	E	164	0	760	94	5	1						
COO	W	E	204	0	1240	92	5	1	2				80	
COO	H	E	452	40	1640	56	37	5	2					
COO	W	MXD	1088	160	3280	65	32	6					8	
COO	A	MXD	1440	40	3960								16	
COO	W	?	1620	840	2680	89	10			1			20	
COO	A	E	1708	800	2440	98	2							
COO	W	R	2502	80	11360								27	
COON	W	?	220	120	320	8	41	51					80	
COON	?	E	252	0	1360	97	3							
CTL	W	M	28	0	120								28	
CTL	H	M	0	0	0								0	
CTL	A	W	2200	2120	2280								40	
CTL	A	W	160	0	320								0	
CTL	W	M	120	0	240								100	
DUB	A	E	24	0	80									
DUB	A	E	92	0	200									
DUB	W	E	120	0	520	91	8	1					32	
DUB	A	E	160	0	440	2	97	1						
DUB	W	W	200	160	240									
DUB	W	E	356	0	1880		97	2	1				36	
DUB	A	E	440	0	1120	66	17	17						
DUB	A	E	552	40	1240	24	36	13	28				76	
DUB	A	E	632	0	2040									
DUB	A	E	787	40	2680		75	9	16					
DUB	W	MXD	1112	0	5600	99	1						100	
DUB	A	E	1220	1080	1360	83	8	9					120	
DUB	W	MXD	1300	80	4920	89	9	2					8	
DUB	H	M	300	240	360								40	
DUB	H	R	880	840	920	71	20	9					20	
DUB	W	M	724	240	1600	9	75	16					12	
FOR	A	E	100	80	120									
FOR	W	MXD	100	80	120								140	
FOR	MXD	E	532	120	1280								32	
FOR	A	E	160	0	440			31	66	3			8	
LACH	W	MXD	320	120	640			92	5	3			8	
MOL	W	MXD	120	40	200			34	66		YES			
MOL	A	E	140	80	200									
MOL	W	MXD	220	120	320	92	5	3						
MOL	A	E	640	280	1000									
MOL	W	W	644	280	1240								36	
MUD	W	MXD	0	0	0									
MUD	W	MXD	16	0	40								12	

MUD	W	MXD	24	0	80							24
MUD	W	MXD	76	0	760							16
MUD	H	?	84	0	160							
MUD	A	E	100	40	160	2	89	8	1			
MUD	W	MXD	120	40	200							
MUD	?	?	240	80	400							40
MUD	A	E	260	160	360							
MUD	H	E	288	80	880	72	26	2				20
MUD	H	E	400	160	640		73	2	25			
MUD	W	MXD	401	40	401							
MUD	H	W	560	160	1920		53	6	41	No		
MUD	A	E	1344	520	3360	10	81	1	8			4
MUD	A	MXD	5712	4400	7120	70	10	60	14			
MUD	W	M	656	0	2440	49	44	2	5			16
MUD	A	E	904	40	1600		89	11				0
MUD	A	E	1180	160	3120		94	6				0
MUD	H	M	1168	520	2120	73	22	2	3			60
MUD	A	M	3916	160	1600	85	13		2			76
NYN	A	E	80	40	120							
NYN	A	E	240	240	240							
NYN	W	E	720	680	760		38	48	14			140
NYN	W	E	1180	1160	1200							
NYN	W	W								NEG		
NYN	W	R										
NYN	W	R										
NYN	W	M	460	440	480	1	93	6				20
RIVERINA	A	W	0	0	0							40
RIVERINA	H	W	4	0	40							64
RIVERINA	A	E	28	0	240							
RIVERINA	A	E	80	80	80							
TAM	H	W	276	40	640	1	83	16				28
TAM	A	W	372	80	1160		80	20				36
YOU	W	MXD	0	0	0							60
YOU	W	E	40	40	40							20
YOU	A	E	108	0	280							8
YOU	W	MXD	156	0	600		55	45				16
YOU	H	E	224	40	480							12
YOU	A	E	324	40	880		86	11	3			12
YOU	W	W	340	280	400	1	86	13				20

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke			Nematodirus	
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	
BOURKE	W	MXD	60	40	80									60	
BOURKE	W	MXD	80	0	160										
CBL	A	E	4	0	40										
CNT	W	MXD	44	0	120									48	
CNT	A	W	68	0	200						NEG			16	
CNT	MXD	MXD	100	80	120	3	85	8	4					20	
CNT	?	E	100	40	160	5	87	8						60	
CNT	?	E	132	40	520		79	21						148	
CNT	?	?	176	0	760	99		1							
CNT	A	E	180	0	320									20	
CNT	A	E	188	0	760	54	36	4	6					4	
CNT	A	E	224	0	520										
CNT	A	E	284	80	720										
CNT	A	E	416	40	800									44	
CON	?	?	96	0	400						Neg			8	
COON	A	E	200	40	360	7	89	4							
COON	A	E	384	40	840	90	8	2						12	
COON	A	E	444	40	920	86	13		1						
COON	A	E	520	120	920	4	95	1							
COON	A	E	680	160	1200	32	51	2	15						
COON	A	E	820	800	840	78	13		9						
COON	A	E	3428	640	8840	65	28	1	6					20	
COON	MXD	E	3964	240	9200	96	4								
COON	?	MXD	4328	1600	7800									12	
DUB	W	MXD	80	80	80										
DUB	?	?	120	120	120	1	97	2							
DUB	W	MXD	140	120	160	9	78	13						20	
FOR	A	MXD	824	0	3760	38	54		8						
GUN	W	W	0	0	0									28	
MOL	A	E	180	160	200										
MOL	H	E	280	120	440										
MOL	A	E	700	640	760										
MOL	A	E	1072	80	3000	95	3		2						
MUD	A	E	0	0	0										
MUD	H	W	0	0	0										
MUD	?	E	0	0	0										
MUD	?	MXD	20	0	40										
MUD	W	MXD	24	0	80									40	
MUD	W	MXD	68	0	320									348	
MUD	W	MXD	240	200	280		83	17						220	
MUD	A	E	256	0	720	32	14	7	48					8	
MUD	A	E	300	0	640										
MUD	A	E	500	360	640		96	4							
MUD	H	E	716	0	2400	5	25	5	15					4	
MUD	W	MXD	816	80	1680	74	25	1						40	
MUD	W	MXD	1512	240	6480	36	58	1	5					84	
MUD	?	?	3620	120	7120	99			1						
NYN	W	W	280	160	400									20	
WESTERNH	MXD		256	80	640		54	36						36	
YOU	A	E	0	0	0										
YOU	A	E	0	0	0										
YOU	W	W	0	0	0									40	

AREA	AGE / SEX	Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke		Nematodirus		
		Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
ARMIDALE	n/a	Ewes	0	0	0									0
ARMIDALE	n/a	Weaners	0	0	0	0	0	0	0	0				0
ARMIDALE	n/a	Wethers	0	0	0	0	0	0	0	0				0
ARMIDALE	n/a		0	0	0	83	10	7	0	0				0
ARMIDALE	n/a		0	0	0	0	0	0	0	0				120
ARMIDALE	n/a	Ewes	4	0	40	0	85	15	0	0	0			0
ARMIDALE	n/a	Mixed sex	8	0	40	0	0	0	0	0				0
ARMIDALE	n/a	Mixed sex	8	0	40	0	90	10	0	0				0
ARMIDALE	n/a	Wethers	9	0	80	100	0	0	0	0				0
ARMIDALE	n/a	Ewes	16	0	80									0
ARMIDALE	n/a	Weaners	16	0	80									0
ARMIDALE	n/a	Ewes	20	0	80	100	0	0	0	0				0
ARMIDALE	n/a	Ewes	24	0	200	83	17	0	0	0				0
ARMIDALE	n/a	Ewes	24	0	120									0
ARMIDALE	n/a	Ewes	28	0	120									0
ARMIDALE	n/a	Lambs	28	0	200									0
ARMIDALE	n/a	Ewes & lambs	32	0	120						0			0
ARMIDALE	n/a	Ewes	36	0	240	0	95	5	0	0				0
ARMIDALE	n/a	Ewes	40	0	400						0			0
ARMIDALE	n/a		44	0	120	0	95	5	0	0				0
ARMIDALE	n/a	Ewes	48	0	320	64	22	14	0	0				0
ARMIDALE	n/a	Mixed sex	48	0	120	0	96	4	0	0				0
ARMIDALE	n/a	Ewes	48	0	200	13	57	30	0	0				0
ARMIDALE	n/a	Weaners	52	0	120	20	66	14	0	0				60
ARMIDALE	n/a	Wethers	60	0	160	0	95	5	0	0				0
ARMIDALE	n/a	Ewes	72	0	280	38	48	7	7	0				0
ARMIDALE	n/a	Ewes	76	0	320	98	2	0	0	0				0
ARMIDALE	n/a	Ewes	84	0	280	14	37	49	0	0				0
ARMIDALE	n/a	Ewes & lambs	92	0	360	87	10	3	0	0				0
ARMIDALE	n/a	Lambs	92	0	280	0	90	10	0	0				0
ARMIDALE	n/a	Ewes	104	0	480	53	41	5	1	0				0
ARMIDALE	n/a	Lambs	104	0	280	6	18	26	1	49	0			8
ARMIDALE	n/a	Wethers	116	0	400	0	94	6	0	0				0
ARMIDALE	n/a	Lambs	116	0	480	94	1	3	0	2	0			0
ARMIDALE	n/a	Weaners	116	40	320	23	66	7	3	1				68
ARMIDALE	n/a	Weaners	120	0	280	80	11	6	0	3				0
ARMIDALE	n/a	Ewes	128	0	320	62	24	4	10	0				0
ARMIDALE	n/a	Wethers	128	0	240	0	100	0	0	0				0
ARMIDALE	n/a	Ewes	132	0	520	6	76	8	10	0	0			0
ARMIDALE	n/a	Ewes	132	0	480	3	89	8	0	0				0
ARMIDALE	n/a	Ewes	140	0	1200	83	13	3	1	0				0
ARMIDALE	n/a		140	0	360	0	89	11	0	0				0
ARMIDALE	n/a	Ewes	144	0	400						0			0
ARMIDALE	n/a	Ewes & lambs	152	0	600									0
ARMIDALE	n/a	Ewes	156	0	1040	0	83	8	9	0				20
ARMIDALE	n/a	Wethers	160	0	680	100	0	0	0	0				0
ARMIDALE	n/a	Wethers	164	0	800	8	72	13	7	0	0			0
ARMIDALE	n/a	Weaners	164	0	320	0	87	13	0	0	0			8
ARMIDALE	n/a	Weaners	168	0	600	97	3	0	0	0				44
ARMIDALE	n/a	Weaners	176	0	680	83	13	4	0	0				0
ARMIDALE	n/a		176	0	480	49	30	13	1	7				20
ARMIDALE	n/a	Weaners	178	0	400	55	16	11	0	18				22
ARMIDALE	n/a	Ewes	184	0	600	98	0	2	0	0				0
ARMIDALE	n/a	Lambs	192	0	520	100	0	0	0	0				0
ARMIDALE	n/a	Ewes	196	0	720	6	88	6	0	0				0
ARMIDALE	n/a	Ewes	200	0	920	23	28	1	48	0				0
ARMIDALE	n/a	Ewes	212	0	1280	19	65	15	1	0				0
ARMIDALE	n/a	Lambs	220	0	640	0	98	2	0	0				0
ARMIDALE	n/a	Weaners	220	0	600	53	36	10	1	0				36
ARMIDALE	n/a	Ewes	228	0	880	5	76	19	0	0	0			0
ARMIDALE	n/a	Ewes & lambs	232	0	600	87	10	3	0	0				4
ARMIDALE	n/a	Weaners	252	0	880									12
ARMIDALE	n/a	Ewes	252	0	640	82	9	1	8	0				0
ARMIDALE	n/a	Ewes	264	0	760	93	5	2	0	0	76			0
ARMIDALE	n/a	Ewes	264	0	880	6	85	1	8	0				0
ARMIDALE	n/a	Lambs	268	0	560	90	2	0	2	6	0			0
ARMIDALE	n/a	Ewes	272	0	1360	3	93	4	0	0				0
ARMIDALE	n/a	Weaners	288	0	880	24	67	9	0	0				16
ARMIDALE	n/a	Wethers	290	200	400	0	56	20	24	0				0
ARMIDALE	n/a	Mixed sex	316	120	880	14	62	9	15	0				4
ARMIDALE	n/a	Ewes & lambs	320	120	760	83	16	1	0	0				0
ARMIDALE	n/a	Ewes	324	0	1120									0
ARMIDALE	n/a	Ewes	328	40	1280	63	37	0	0	0				0
ARMIDALE	n/a	Weaners	328	40	1000	6	74	20	0	0	0			0
ARMIDALE	n/a	Lambs	328	0	1160	100	0	0	0	0	0			0
ARMIDALE	n/a	Wethers	336	0	880	46	43	3	8	0				0
ARMIDALE	n/a		372	0	1360	91	7	2	0	0	0			8
ARMIDALE	n/a	Ewes	396	200	600	32	26	7	35	0				0
ARMIDALE	n/a	Ewes	408	0	2360	49	44	7	0	0	0			0
ARMIDALE	n/a		416	0	800	0	99	1	0	0				0
ARMIDALE	n/a	Weaners	424	80	1320	12	84	4	0	0				56
ARMIDALE	n/a	Wethers	448	0	1320	9	87	3	1	0				0
ARMIDALE	n/a	Wethers	460	0	2600	89	7	4	0	0				0
ARMIDALE	n/a	Wethers	480	0	1280						0			0
ARMIDALE	n/a	Wethers	480	120	1680	84	11	2	3	0	0			8
ARMIDALE	n/a	Ewes	504	0	1200	96	4	0	0	0				0
ARMIDALE	n/a	Wethers	544	40	1480						0			0
ARMIDALE	n/a	Ewes	560	40	1560	87	9	3	1	0				0
ARMIDALE	n/a	Weaners	564	200	960	0	100	0	0	0	0			4
ARMIDALE	n/a	Weaners	572	160	1080	85	10	2	2	1				0
ARMIDALE	n/a	Ewes	588	0	4160	92	3	5	0	0				0
ARMIDALE	n/a	Ewes	636	0	5000	35	64	1	0	0				0
ARMIDALE	n/a	Lambs	640	80	1440	2	91	7	0	0				16
ARMIDALE	n/a	Ewes	660	0	3720	100	0	0	0	0	0			0
ARMIDALE	n/a		668	200	1160	0	96	4	0	0				0
ARMIDALE	n/a	Ewes	684	0	2920	98	2	0	0	0	0			0
ARMIDALE	n/a	Ewes	760	40	1840	94	6	0	0	0				0
ARMIDALE	n/a	Wethers	784	40	2080	70	23	3	4	0				0

AREA	AGE / SEX	Strongyle Eggs per Gram			Larval culture/differentiation				Liver fluke			Nematodirus		
		Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
ARMIDALE	n/a	Ewes	820	0	5560					0		0		
ARMIDALE	n/a	Weaners	900	280	1760	14	81	5	0	0		0		
ARMIDALE	n/a	Wethers	956	200	2080	52	25	10	13	0		0		
ARMIDALE	n/a	Weaners	972	200	2880	96	3	1	0	0		12		
ARMIDALE	n/a		976	280	2920	55	45	0	0	0		0		
ARMIDALE	n/a	Weaners	1024	120	2000							8		
ARMIDALE	n/a	Wethers	1044	40	2840	0	93	3	4	0		4		
ARMIDALE	n/a	Rams	1048	280	1800	100	0	0	0	0		196		
ARMIDALE	n/a		1088	560	2480	2	73	7	0	18		0		
ARMIDALE	n/a	Weaners	1180	640	2520	6	86	8	0	0		8		
ARMIDALE	n/a	Ewes	1268	0	4560	93	7	0	0	0		0		
ARMIDALE	n/a		1324	920	2000	34	59	2	0	5		0		
ARMIDALE	n/a	Ewes	1336	240	5040	87	7	3	3	0		0		
ARMIDALE	n/a	Lambs	1380	0	6440	100	0	0	0	0	0	0		
ARMIDALE	n/a	Hoggets	1392	80	4080	77	21	2	0	0		16		
ARMIDALE	n/a	Ewes	1396	80	3720	98	2	0	0	0		0		
ARMIDALE	n/a	Ewes & lambs	1428	160	3760	100	0	0	0	0	0	0		
ARMIDALE	n/a	Ewes	1500	160	3440	94	0	6	0	0	2	0		
ARMIDALE	n/a	Wethers	1640	0	3200	87	13	0	0	0	0	0		
ARMIDALE	n/a	Weaners	1740	480	3560	100	0	0	0	0		28		
ARMIDALE	n/a	Lambs	1840	520	4520	100	0	0	0	0		8		
ARMIDALE	n/a	Wethers	1848	120	6920	94	3	2	1	0		0		
ARMIDALE	n/a	Weaners	1988	120	5320	97	3	0	0	0		4		
ARMIDALE	n/a	Ewes	2084	360	5680	91	9	0	0	0		0		
ARMIDALE	n/a	Weaners	2216	280	5360	14	84	2	0	0		12		
ARMIDALE	n/a	Weaners	2356	680	7520	58	40	1	1	0		0		
ARMIDALE	n/a	Wethers	2416	240	7440	74	24	1	1	0		4		
ARMIDALE	n/a	Lambs	2580	360	10240	83	15	2	0	0		12		
ARMIDALE	n/a	Ewes	2884	280	10080	0	94	6	0	0	0	0		
ARMIDALE	n/a	Ewes	3236	400	6200	100	0	0	0	0		0		
ARMIDALE	n/a	Ewes	3556	0	8560	96	4	0	0	0		0		
ARMIDALE	n/a	Lambs	3588	1120	8320	100	0	0	0	0	0	0		
ARMIDALE	n/a	Weaners	3744	200	8280	97	3	0	0	0		216		
ARMIDALE	n/a	Ewes	3972	840	13320	85	15	0	0	0		0		
ARMIDALE	n/a	Ewes	4348	40	9680	76	24	0	0	0		0		
ARMIDALE	n/a	Weaners	17896	8520	36640	100	0	0	0	0		244		
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Ewes									0			
ARMIDALE	n/a	Rams									0			
ARMIDALE	n/a	Lambs				100	0	0	0	0				
ARMIDALE	n/a	Mixed				0	98	2	0	0				
ARMIDALE	n/a	Ewes				90	8	2	0	0				
CENTRAL TABLELANDS	n/a	Ewes	8	0	40	0	100	0	0	0		0		
CENTRAL TABLELANDS	n/a	Weaners	20	0	40	2	57	41	0	0		0		
CENTRAL TABLELANDS	n/a	Ewes	36	0	240	2	88	10	0	0		0		
COONABARABRAN	n/a	Wethers	0	0	0							0		
COONABARABRAN	n/a	Ewes	0	0	0							4		
COONABARABRAN	n/a	Weaners	12	0	40							28		
COONABARABRAN	n/a	Weaners	16	0	40							12		
COONABARABRAN	n/a	Ewes	76	0	240	2	58	12	28	0		0		
COONABARABRAN	n/a	Weaners	88	0	240	19	71	9	1	0		72		
COONABARABRAN	n/a	Weaners	184	0	1360	0	99	1	0	0		76		
COONABARABRAN	n/a	Ewes	844	0	1800	2	90	1	7	0		308		
COONABARABRAN	n/a	Ewes	4072	680	17960	97	3	0	0	0		0		
COONAMBLE	n/a	Ewes	4	0	40	71	27	2	0	0		0		
GOULBURN	n/a	Ewes	268	40	800	8	72	12	8	0	0	0		
GOULBURN	n/a	Ewes	276	0	1080	37	28	23	12	0	0	0		
HUME	n/a	Weaners	40	0	120	0	95	5	0	0		0		
HUNTER	n/a	Ewes	204	0	600	4	30	6	60	0		0		
MOLONG	n/a	Ewes	212	0	960	0	10	5	85	0		0		
MOREE	n/a	Weaners	28	0	120							16		
MOREE	n/a	Ewes	148	0	640	100	0	0	0	0		12		
MUDGE	n/a	Weaners	752	0	4440	27	60	7	6	0		44		
NARRABRI	n/a	Ewes	391	0	1200	0	56	44	0	0		9		
NARRABRI	n/a	Weaners	604	0	1880	100	0	0	0	0		32		
NARRABRI	n/a	Wethers	2472	240	6120	99	1	0	0	0		12		
NARRANDERA	n/a	Rams	216	40	480	0	70	30	0	0		40		
NARRANDERA	n/a	Rams	12320	0	520	0	90	10	0	0		3040		
NORTHERN NEW ENGLAND	n/a	Ewes	8	0	80	100	0	0	0	0		0		
NORTHERN NEW ENGLAND	n/a	Ewes	12	0	80							0		
NORTHERN NEW ENGLAND	n/a	Ewes	16	0	80						0			
NORTHERN NEW ENGLAND	n/a	Ewes	28	0	160							0		
NORTHERN NEW ENGLAND	n/a	Weaners	48	0	200	100	0	0	0	0		0		
NORTHERN NEW ENGLAND	n/a	Weaners	64	0	280							0		
NORTHERN NEW ENGLAND	n/a	Weaners	68	0	200	100	0	0	0	0		0		
NORTHERN NEW ENGLAND	n/a	Ewes	84	0	200	9	83	8	0	0		0		
NORTHERN NEW ENGLAND	n/a	Weaners	112	0	680	89	11	0	0	0		0		
NORTHERN NEW ENGLAND	n/a		116	0	320	49	38	13	0	0		0		
NORTHERN NEW ENGLAND	n/a	Weaners	154	0	1080							0		
NORTHERN NEW ENGLAND	n/a	Weaners	164	40	320	94	3	3	0	0		4		
NORTHERN NEW ENGLAND	n/a	Mixed	204	0	680	69	26	5	0	0		0		
NORTHERN NEW ENGLAND	n/a	Lambs	220	0	720	4	96	0	0	0		12		
NORTHERN NEW ENGLAND	n/a		232	80	520	14	86	0	0	0		0		
NORTHERN NEW ENGLAND	n/a	Ewes	452	0	1680	97	3	0	0	0	0	0		
NORTHERN NEW ENGLAND	n/a		456	0	1480	24	76	0	0	0		0		
NORTHERN NEW ENGLAND	n/a		580	0	2160							0		
NORTHERN NEW ENGLAND	n/a	Ewes	616	0	1680	57	40	3	0	0	0	0		
NORTHERN NEW ENGLAND	n/a	Wethers	640	0	4200	91	9	0	0	0		4		
NORTHERN NEW ENGLAND	n/a	Wethers	688	160	1320	11	61	13	15	0		0		
NORTHERN NEW ENGLAND	n/a	Wethers	796	40	2200							0		
NORTHERN NEW ENGLAND	n/a	Wethers	960	0	3600							0		
NORTHERN NEW ENGLAND	n/a	Ewes	968	0	3360	98	2	0	0	0		0		
NORTHERN NEW ENGLAND	n/a	Ewes	1268	520	2560	100	0	0	0	0		28		
NORTHERN NEW ENGLAND	n/a	Ewes	1276	120	3240	96	4	0	0	0	0	0		
NORTHERN NEW ENGLAND	n/a	Ewes	1372	0	4680	6	92	1	1	0	1	0		
NORTHERN NEW ENGLAND	n/a	Weaners	1424	600	2480	95	5	0	0	0		16		
NORTHERN NEW ENGLAND	n/a	Wethers	1904	520	3600	83	16	0	1	0		0		
NORTHERN NEW ENGLAND	n/a	Lambs	2232	520	4920	90	5	5	0	0		0		
NORTHERN NEW ENGLAND	n/a	Ewes	2980	160	10680	92	8	0	0	0		0		
TAMWORTH	n/a	Ewes	4	0	40	75	25	0	0	0	0	0		
TAMWORTH	n/a	Weaners	12	0	40	97	3	0	0	0		0		
TAMWORTH	n/a	Weaners	76	0	200	64	29	3	0	4		8		

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke		Nematodirus		
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
TAMWORTH	n/a	Lambs	104	0	360	85	10	5	0	0	0			0	
TAMWORTH	n/a	Lambs	196	0	640	100	0	0	0	0	0	0		0	
TAMWORTH	n/a	Ewes	344	0	2760	90	2	1	7	0	0	0	0	0	
TAMWORTH	n/a	Ewes	344	0	960	98	2	0	0	0	0	0		0	
TAMWORTH	n/a	Ewes	360	0	2000	100	0	0	0	0	0	1		0	
TAMWORTH	n/a	Ewes	548	0	1960	97	3	0	0	0	0	0	0	0	
TAMWORTH	n/a	Ewes	752	0	2480	25	75	0	0	0	0			0	
TAMWORTH	n/a	Ewes	800	40	1840	95	5	0	0	0	0			0	
TAMWORTH	n/a		1024	320	2720	37	51	5	7	0	0	0		0	
TAMWORTH	n/a	Mixed sex	1052	40	2360	3	94	3	0	0	0			0	
TAMWORTH	n/a		1056	160	2440	81	14	1	4	0	0			16	
TAMWORTH	n/a	Rams	1124	80	3960	95	4	1	0	0	0			0	
TAMWORTH	n/a	Rams	1200	320	2760	49	42	9	0	0	0			76	
TAMWORTH	n/a	Lambs	1216	160	4440	100	0	0	0	0	0	0		12	
TAMWORTH	n/a	Lambs	1324	480	2840	84	14	2	0	0	0			8	
TAMWORTH	n/a	Ewes	1620	0	4720	83	14	1	2	0	0			0	
TAMWORTH	n/a	Wethers	1652	80	5440	100	0	0	0	0	0			4	
TAMWORTH	n/a	Hoggets	1664	0	3480	93	6	0	1	0	0			0	
TAMWORTH	n/a	Lambs	3880	0	8640	96	3	0	1	0	0			8	
WALGETT	n/a	Weaners	40	0	160	91	4	5	0	0	0			0	
YASS	n/a	Ewes	180	40	480							0		16	

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke		Nematodirus				
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High		
ARMIDALE	n/a	Ewes	0		0	0								0	0	0	0
ARMIDALE	n/a	Wethers	0		0	0								0	0	0	0
ARMIDALE	n/a	Weaners	0		0	0								0	0	0	0
ARMIDALE	n/a	Weaners	0		0	0								0	0	0	0
ARMIDALE	n/a	Ewes	0		0	0					18			0	0	0	0
ARMIDALE	n/a	Ewes	0		0	0								0	0	0	0
ARMIDALE	n/a	Weaners	0		0	0								0	0	0	0
ARMIDALE	n/a		0		0	0								0	0	0	0
ARMIDALE	n/a	Weaners	4		0	40	100	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	4		0	40						54		0	0	0	0
ARMIDALE	n/a	Hoggets	4		0	40								0	0	0	0
ARMIDALE	n/a		4		0	40								0	0	0	0
ARMIDALE	n/a	Weaners	8		0	40	0	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	9		0	80								0	0	0	0
ARMIDALE	n/a	Ewes	12		0	40	0	67	33	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	12		0	80								0	0	0	0
ARMIDALE	n/a	Weaners	12		0	120						0		0	0	0	0
ARMIDALE	n/a	Ewes	16		0	120								0	0	0	0
ARMIDALE	n/a		22		0	120								0	0	0	0
ARMIDALE	n/a	Lambs	28		0	200	0	94	6	0	0	0		0	0	0	0
ARMIDALE	n/a		36		0	120	98	1	0	0	1	2		0	0	0	0
ARMIDALE	n/a	Ewes	40		0	80	13	78	6	3	0			0	0	0	0
ARMIDALE	n/a	Wethers	44		0	160								0	0	0	0
ARMIDALE	n/a		44		0	120								0	0	0	0
ARMIDALE	n/a	Ewes	60		0	440						3		0	0	0	0
ARMIDALE	n/a		71		0	440								0	0	0	0
ARMIDALE	n/a	Ewes	80		0	160								0	0	0	0
ARMIDALE	n/a		84		0	720								0	0	0	0
ARMIDALE	n/a	Ewes	88		0	320	4	95	0	1	0			0	0	0	0
ARMIDALE	n/a	Ewes	89		0	240								0	0	0	0
ARMIDALE	n/a		89		0	200								0	0	0	0
ARMIDALE	n/a	Ewes	92		0	360	0	93	7	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	100		0	360	95	5	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	124		0	360	0	100	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	124		0	560	98	1	1	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	140		0	480	42	46	11	1	0			0	0	0	0
ARMIDALE	n/a	Ewes	140		0	1040								0	0	0	0
ARMIDALE	n/a	Weaners	148		0	720								64	0	160	
ARMIDALE	n/a	Ewes	160		0	1120	55	42	3	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	164		0	680	43	52	5	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	164		0	520	100	0	0	0	0	1		0	0	0	0
ARMIDALE	n/a	Ewes	169		0	520								0	0	0	0
ARMIDALE	n/a	Ewes	172		0	520	34	50	16	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	188	40	520	9	60	28	3	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	188	0	840	91	6	3	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	216	0	1280	88	12	0	0	0	0			0	0	0	0
ARMIDALE	n/a		222	40	680	96	2	2	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	228	0	760	13	75	12	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	244	0	560									0	0	0	0
ARMIDALE	n/a	Weaners	249	80	720									4	0	40	
ARMIDALE	n/a	Ewes &															
ARMIDALE	n/a	lambs	260	0	1440	96	3	1	0	0				0	0	0	0
ARMIDALE	n/a	Ewes	302	0	720	62	23	12	3	0	0			0	0	0	0
ARMIDALE	n/a	Wethers	312	0	1480	96	4	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Wethers	320	200	440	0	20	17	63	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	340	0	2040							0		0	0	0	0
ARMIDALE	n/a		344	40	800	29	61	7	3	0				0	0	0	0
ARMIDALE	n/a	Ewes	347	0	2240									0	0	0	0
ARMIDALE	n/a	Ewes	348	0	1440	87	11	2	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	368	0	1840	100	0	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	384	0	2040	92	6	1	1	0	0			0	0	0	0
ARMIDALE	n/a	Wethers	400	320	560	0	72	16	12	0	0	1		0	0	0	0
ARMIDALE	n/a	Wethers	420	0	2400	98	2	0	0	0	0			0	0	0	0
ARMIDALE	n/a		427	0	840									0	0	0	0
ARMIDALE	n/a	Wethers	428	0	1120	20	71	3	6	0	0	0		16	0	160	
ARMIDALE	n/a	Wethers	444	80	1640	35	42	14	9	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	448	120	1520	75	16	9	0	0	0			0	0	0	0
ARMIDALE	n/a	Wethers	468	0	1400	88	4	6	2	0	0	0		0	0	0	0
ARMIDALE	n/a	Wethers	480	0	2240	90	10	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	552	0	1520	1	94	5	0	0	0	0		0	0	0	0
ARMIDALE	n/a	Ewes	676	160	1360	95	4	1	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	676	240	1360	100	0	0	0	0	0			120	0	1200	
ARMIDALE	n/a	Hoggets	704	200	1040	91	8	1	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	780	0	1680	93	3	1	3	0	0			0	0	0	0
ARMIDALE	n/a	Lambs	804	280	1680	0	96	4	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	832	0	1720	100	0	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	852	40	3800	86	11	1	2	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	892	120	1600	51	49	0	0	0	0	1		0	0	0	0
ARMIDALE	n/a	Weaners	892	0	4520	88	11	1	0	0	0	1		0	0	0	0
ARMIDALE	n/a	Ewes	904	0	2640	100	0	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	908	120	1920	67	23	10	0	0	0			0	0	0	0
ARMIDALE	n/a	Rams	984	40	3120	39	60	1	0	0	0			20	0	80	
ARMIDALE	n/a	Weaners	1000	0	2240	82	17	1	0	0	0			56	0	200	
ARMIDALE	n/a	Ewes	1000	280	1720	85	13	2	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	1016	0	5680	97	3	0	0	0	0	0		0	0	0	0
ARMIDALE	n/a	Rams	1120	0	4880									0	0	0	0
ARMIDALE	n/a		1129	240	3720									27	0	120	
ARMIDALE	n/a		1160	40	2400									0	0	0	0
ARMIDALE	n/a	Ewes	1228	40	4280	100	0	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	1231	120	4200									0	0	0	0
ARMIDALE	n/a	Lambs	1232	280	4720	78	14	8	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	1304	0	7120							3		0	0	0	0
ARMIDALE	n/a	Ewes	1312	280	4360							0		24	0	240	
ARMIDALE	n/a	Wethers	1416	0	7120	98	2	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Weaners	1580	720	2720	97	3	0	0	0	0	0		4	0	40	
ARMIDALE	n/a	Ewes	1608	160	2920	93	7	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Wethers	1660	0	5320	84	14	0	2	0	0			0	0	0	0
ARMIDALE	n/a		1680	0	3480									0	0	0	0
ARMIDALE	n/a		1712	0	12240	100	0	0	0	0	0	0		0	0	0	0
ARMIDALE	n/a	Ewes	1728	0	6000	72	28	0	0	0	0			0	0	0	0
ARMIDALE	n/a	Ewes	1732	0	7440							0		0	0	0	0

AREA	AGE / SEX	Strongyle Eggs per Gram			Larval culture/differentiation				Liver fluke			Nematodirus		
		Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
ARMIDALE	n/a	Ewes	1752	80	6800	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	1756	40	3840	81	19	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	1824	0	7840	88	12	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	1852	400	3520	100	0	0	0	0		4	0	40
ARMIDALE	n/a		1956	240	7160	48	52	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	2112	160	4320	97	3	0	0	0		0	0	0
ARMIDALE	n/a		2115	640	3600	77	13	7	0	3		5	0	40
ARMIDALE	n/a	Weaners	2160	360	4040	91	7	2	0	0		12	0	80
ARMIDALE	n/a	Mixed sex	2244	0	10000	97	3	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	2293	40	6840	100	0	0	0	0	16	0	0	0
ARMIDALE	n/a	Ewes	2424	880	4000							24	0	40
ARMIDALE	n/a	Weaners	2704	1200	5400	71	17	12	0	0		0	0	0
ARMIDALE	n/a		2784	880	7120	88	9	3	0	0		0	0	0
ARMIDALE	n/a	Weaners	2956	560	4840	98	2	0	0	0		96	0	280
ARMIDALE	n/a	Weaners	3048	120	23760	28	71	1	0	0		0	0	0
ARMIDALE	n/a	Weaners	3056	640	6880	86	14	0	0	0		108	0	280
ARMIDALE	n/a		3267	920	7560	89	7	1	3	0		0	0	0
ARMIDALE	n/a		3372	120	12600	72	28	0	0	0		0	0	0
ARMIDALE	n/a		3573	1360	6520	93	4	0	1	2		0	0	0
ARMIDALE	n/a	Ewes	3684	720	6680	97	2	1	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	3867	0	26600	100	0	0	0	0	9	0	0	0
ARMIDALE	n/a		4120	1440	7560							90	0	200
ARMIDALE	n/a		4236	0	13440	57	43	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	4736	0	19160	88	10	2	0	0		0	0	0
ARMIDALE	n/a	Weaners	4867	1000	18440	84	7	5	2	2		0	0	0
ARMIDALE	n/a	Weaners	7368	1640	16160	97	2	0	0	1		4	0	40
ARMIDALE	n/a	Weaners				91	9	0	0	0				
ARMIDALE	n/a	Ewes								0				
ARMIDALE	n/a	Ewes								23				
ARMIDALE	n/a	Wethers								0				
ARMIDALE	n/a	Weaners								0				
ARMIDALE	n/a	Ewes								22				
ARMIDALE	n/a	Lambs								0				
ARMIDALE	n/a	Ewes								0				
CENTRAL TABLELANDS	n/a	Wethers	216	0	920	32	34	2	32	0		0	0	0
CENTRAL TABLELANDS	n/a	Wethers	320	0	1080	79	21	0	0	0		44	0	120
CENTRAL TABLELANDS	n/a	Mixed sex	356	0	1000	15	41	13	31	0	0	0	0	0
CENTRAL TABLELANDS	n/a	Weaners	968	200	1760	0	78	15	7	0		44	0	160
COOMA	n/a	Ewes	0	0	0						1	56	0	240
COOMA	n/a	Weaners	12	0	80						0	128	0	400
COONABARABRAN	n/a	Wethers	192	0	640	14	69	16	1	0		0	0	0
COONABARABRAN	n/a	Weaners	272	0	1280	0	99	0	0	1		44	0	120
COONABARABRAN	n/a	Ewes	332	0	1000	8	68	3	21	0		4	0	40
COONABARABRAN	n/a	Wethers	388	0	1160	88	5	4	3	0		4	0	40
COONABARABRAN	n/a	Ewes	400	40	800	20	66	13	1	0		0	0	0
COONABARABRAN	n/a	Weaners	476	0	2600	89	7	4	0	0		0	0	0
COONABARABRAN	n/a	Wethers	580	160	1280	25	67	5	3	0		44	0	160
COONABARABRAN	n/a	Ewes	628	160	1360	2	92	5	1	0		24	0	80
COONABARABRAN	n/a	Wethers	800	160	2320	5	77	10	8	0		0	0	0
GOULBURN	n/a	Lambs	36	0	120	78	14	8	0	0	0	120	0	680
HILLSTON	n/a	Weaners	64	0	320	77	23	0	0	0		12	0	80
HILLSTON	n/a	Ewes	72	0	120	59	36	4	1	0		16	0	160
HILLSTON	n/a	Ewes	168	0	400	27	71	2	0	0		4	0	40
HILLSTON	n/a	Ewes	284	40	720	39	60	1	0	0		0	0	0
HUNTER	n/a	Weaners	212	80	520	26	52	22	0	0		0	0	0
MOREE	n/a	Weaners	160	0	840	100	0	0	0	0		0	0	0
MOREE	n/a	Hoggets	1140	40	2400	98	1	1	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a		0	0	0	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	0	0	0	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	0	0	0	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	4	0	40							0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	20	0	160	100	0	0	0	0		12	0	80
NORTHERN NEW ENGLAND	n/a	Wethers	28	0	80							0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	52	0	440							0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	64	0	200	98	2	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	72	0	280	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	72	0	320							0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	84	0	240							0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	120	0	240	85	15	0	0	0		16	0	120
NORTHERN NEW ENGLAND	n/a	Weaners	128	0	1240	17	83	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	148	0	600	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a		316	0	1320	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	368	40	920	96	4	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	412	40	2320	100	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	644	120	1520	17	82	1	0	0	0	16	0	120
NORTHERN NEW ENGLAND	n/a	Lambs	680	40	1560	95	5	0	0	0		4	0	40
NORTHERN NEW ENGLAND	n/a	Weaners	840	0	4760	94	6	0	0	0		4	0	40

AREA	AGE / SEX		Strongyle Eggs per Gram			Larval culture/differentiation					Liver fluke		Nematodirus		
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
NORTHERN NEW ENGLAND	n/a	Ewes	884	0	6080								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1132	0	7800								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1356	440	2400								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1448	40	2640								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1584	0	2760	95	2	0	3	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2024	120	3800	100	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2504	440	6200	100	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Hoggets	2748	640	5760								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	4396	1280	7520	100	0	0	0	0			0	0	0
NORTHERN SLOPES	n/a	Hoggets	228	0	920	88	11	1	0	0	0		4	0	40
TAMWORTH	n/a	Lambs	404	0	880	100	0	0	0	0	0		0	0	0
TAMWORTH	n/a		628	0	1880	96	3	1	0	0	0		0	0	0
TAMWORTH	n/a		1048	0	4760	98	2	0	0	0	0		0	0	0
TAMWORTH	n/a	Weaners	1324	600	2400	98	0	2	0	0	0		12	0	40
TAMWORTH	n/a	Lambs	1536	80	3360	100	0	0	0	0	0		0	0	0
TAMWORTH	n/a	Ewes	2596	40	8400	94	6	0	0	0	0	0	0	0	0
TAMWORTH	n/a	Wethers	2636	880	4160	87	13	0	0	0	0	0	0	0	0
WALGETT	n/a	Weaners	16	0	40								0	0	0
WALGETT	n/a	Ewes	132	0	680	4	84	11	1	0			0	0	0
WALGETT	n/a	Ewes	1173	40	4800	0	89	10	1	0			0	0	0
YASS	n/a	Weaners	4	0	40							0	96	0	400
YASS	n/a	Ewes	12	0	40							0	4	0	40
YASS	n/a	Weaners	28	0	120								28	0	160
YASS	n/a	Weaners	52	0	440							0	28	0	200
YASS	n/a	Ewes	112	0	400	60	33	7	0	0	0		0	0	0
YASS	n/a	Ewes	424	160	960	89	1	9	1	0	0		0	0	0