



wormfaxnsw

ISSN 1444-3783

March 2009

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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



RLPB District	Abbreviations
(ACT)	
Armidale	ARM
Balranald	BAL
Bombala	BOM
Bourke	
Braidwood	BRA
Brewarrina	BRE
Broken Hill	
Casino	
Central Tablelands	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-Merriwa	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	

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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.

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
ACT	W	M	0	0	0										84
ACT	M	W	12	0	40										8
ACT	M	E	968	40	1840	47	19	24	10						4
BOM	A	E	0	0	0										0
BOM	W	M	16	0	40										188
BOM	H	E	44	0	120										4
BOM	A	E	72	0	240						2	2			0
BOM	W	E	180	40	320		26	43	25	6					0
BOM	A	E	3552	80	15600	96		4			1	1			0
BRA	W	E	400	400	400		17	83							220
BRA	W	E	400	360	440		16	84							180
BRA	H	E	440	320	560		49	44	7						0
DUB	W	E	372	40	1040	1	69	23	7						56
DUB	W	R	740	40	1400		82	18							48
FOR	W	W	40	40	40										40
FOR	W	M	640	600	680		66	34							60
FOR	W	M	1276	400	1880	41	50	9							28
GOU	H	M	0	0	0										0
GOU	A	E	20	0	40										0
GOU	A	E	220	160	280										0
GOU	H	E	220	120	320										40
GOU	W	M	360	200	520	17	29	47	7						100
GOU	H	E	440	440	440										40
GOU	A	E	620	400	840										0
GOU	W	M	1660	1320	2000	91	5	2	2						140
GUN	W	E	120	120	120		5	93	2						80
GUN	A	E	304	40	1040		51	39	10						0
HUM	W	M	0	0	0										140
HUM	W	M	1300	240	2960	79	1	19	1		0	0			76
HUN	W	R	672	240	1560										0
MOS	M	M	5447	40	18800	77	22			1					4
RIV	A	E	20	0	80										0
RIV	A	E	24	0	120										0
RIV	W	E	108	0	280										136
RIV	A	E	120	40	280										4
RIV	A	E	188	40	600										0
RIV	A	E	200	0	720										4
RIV	A	E	204	80	520		66	32	2						0
RIV	A	E	228	120	360		60	38	2						4
RIV	A	E	388	80	1480										0
RIV	A	E	528	160	1080										8
WAG	W	M	0	0	0										0
WAG	A	E	60	40	80										20
WAG	A	E	60	1	120										0
WAG	A	E	72	0	200										0
WAG	A	E	160	160	160		24	76							0
YAS	M	E	112	0	400										12
YAS	W	M	120	40	200										120
YAS	H	E	228	0	1040										12
YAS	W	M	340	320	360			100							160
YAS	M	M	376	0	960										36
YAS	W	M	796	160	2440										188
YOU	A	E	12	0	80										0
YOU	A	E	24	0	120										0
YOU	A	E	164	0	440										0
YOU	A	E	180	40	320										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
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									0	0			
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		Nematodirus			
			Mean	Low	High	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High
BREW	?	E	320	200	440										
BREW	MXD	R	1452	720	2920	41	52	7							
CBL	H	MXD	0	0	0										
CBL	W	MXD	60	40	80										
CNT	A	MXD	520	480	560										
CNT	W	MXD	20	0	40										
CNT	?	E	20	0	40										
CNT	?	E	80	80	80		63	37							
CNT	?	MXD	0	0	0										
CNT	A	E	20	0	40										
CNT	A	E	168	0	1040										
CNT	H	E	1760	1440	2080	78	19	3							
CNT	W	MXD	3660	2680	4640	82	7	11						60	
CNT	W	MXD	0	0	0									32	
CNT	A	W	2568	80	5000									4	
CNT	A	E	120	80	160										
CNT	H	?	0	0	0									40	
CNT	H	E	0	0	0									100	
CNT	A	E	540	240	840										
CNT	A	E	500	280	720										
CNT	W	MXD	180	0	720	6	48	34	12					8	
CNT	H	MXD	844	40	2200	2	76	21	1					12	
CNT	H	W	120	40	360	94	4		2						
CNT	L	?	5160	4800	5520									120	
CNT	A	E	0	0	0										
CNT	?	E	140	120	160	41	14	41	4						
CNT	W	MXD	208	40	480	69	4	27						116	
CNT	A	E	552	0	3200	84	12	4						12	
CNT	H	E	740	600	880	1	60	29	10						
CNT	W	MXD	600	360	840		76	13	11					100	
CNT	A	E	484	0	840	90	4	5	1						
CNT	W	MXD	700	680	720	13	47	29	10	1				100	
CNT	A	E	920	360	1800	90	10								
CNT	W	MXD	728	0	2320	47	52		1					20	
COO	A	E	4	0	40										
COO	H	E	0	0	0										
COO	A	E	40	0	280										
COO	W	E	856	0	2280									8	
COO	A	E	1660	80	6040	62	34		4						
COO	A	E	128	0	560	93	7								
COO	W	MXD	120	0	440	15	77	5	3					112	
COO	W	E	132	560	2680	69	29		2					52	
COO	W	E	8476	40	19280	99	1							16	
COO	A	E	1116	0	2640	89	6		5						
COO	A	E	444	40	1440	24	61	4	11						
COO	A	E	320	280	360	98	1	1							
COO	A	E	272	40	600									4	
COO	W	MXD	20	0	120									20	
COO	A	E	8	0	40									4	
COO	W	E	1620	1320	1920	6	75		19					60	
COO	A	E	428	0	1560	87	10	3							
COO	A	MXD	168	0	400	99	1							24	
COO	A	E	2700	480	6600	100									
COO	W	MXD	924	0	1920	92	8							24	
COO	W	MXD	616	120	1600		76	9	13	2				76	
COON	A	E	0	0	0										
COON	H	E	120	0	40										
COON	A	W	1004	40	2120	93	7								
COON	A	E	2192	320	4200	74	20		6					4	
COON	A	E	3356	520	8080	91	8		1					4	
COON	W	MXD	2336	400	7121	84	16							68	
COON	A	E	5628	1840	15040	91	6		3						
COON	A	E	220	0	800									12	
DUB	A	E	40	0	80									20	
DUB	A	E	5320	3720	6920									60	
DUB	A	E	500	120	800										
DUB	A	E	5240	4360	6120									20	
DUB	H	E	8	0	40									24	
DUB	H	E	280	240	320	97	3							20	
DUB	W	MXD	68	0	160									24	
DUB	A	E	764	120	1760									8	
DUB	W	MXD	1140	720	1560										
DUB	W	MXD	108	0	360		93	7						24	
DUB	A	E	60	40	80										
DUB	W	E	116	0	360	98	1	1						12	
DUB	H	E	540	80	2440	68	20		12					24	
DUB	H	E	228	0	400	36	48		16					8	
DUB	W	E	151	80	240	2	88	10						13	
DUB	W	R	24	0	80									28	
DUB	A	E	700	40	1000										
DUB	W	E	724	0	2880	3	90	5	2					120	
DUB	H	MXD	200	120	280									20	
DUB	A	E	1960	1040	2880	57	31	2	10						
DUB	W	MXD	124	0	320		17	83						16	
DUB	?	?	700	360	1040	62	31	5	2						
FOR	MXD	R	252	0	1440		73	20	7					8	
FOR	MXD	E	0	0	0										
FOR	W	MXD	0	0	0										
FOR	A	E	0	0	0										
FOR	H	E	608	0	1600	89	8	3						36	
GUN	A	E	372	40	800	13	59	4	24						

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			
MOL	MXD	E	208	0	480											36		
MOL	W	E	2760	1880	3640													
MOL	?	R	1756	640	6640													4
MOL	W	MXD	112	0	800		47	49	4									120
Moss Vale	A	MXD	3780	280	6680		87	13										100
Moss Vale	MXD	MXD	932	0	5440		71	29										
MUD	H	MXD	60	40	80													
MUD	W	MXD	0	0	0													4
MUD	H	MXD	132	0	320													60
MUD	A	E	884	200	1880													16
MUD	A	W	580	480	680		2	82	11	5								
MUD	MXD	E	788	0	2000													
MUD	A	E	664	0	1920													24
MUD	A	E	788	0	2880													
MUD	H	R	804	160	1840		83	8	8	1								24
MUD	W	MXD	976	440	2600		3	75	5	17								12
MUD	H	MXD	840	440	1240		25	41	18	16								40
MUD	W	MXD	1996	0	4840													52
MUD	H	R	4	0	40													
MUD	W	MXD	12	0	80													
MUD	A	E	301	1800	4200		82	15	3									
MUD	A	E	1500	1440	1560													
MUD	MXD	W	516	40	1920		77	11	12	5								
MUD	H	E	500	360	640		33	45	2	20								
MUD	A	E	1920	1600	2240		61	33		3								20
MUD	A	E	400	0	1240		63	37										12
MUD	A	E	1720	1560	1880		43	41	6	10								40
MUD	L	MXD	728	80	1840		81	11	8									36
NYN	H	E	200	40	360													
NYN	H	E	100	0	200													
NYN	H	E	100	80	120													20
YASS	H	W	0	0	0							NEG						
YASS	W	W	100	80	120			77	23									220
YASS	W	MXD	72	0	320													4
YOU	?	E	40	0	80													
YOU	A	E	380	320	440													20
YOU	A	E	460	360	560													
YOU	?	E	800	600	1000													
YOU	?	W	120	40	200													20
YOU	H	E	140	120	160													20
YOU	A	E	0	0	0													20
YOU	A	E	360	200	520													
YOU	A	E	520	280	760			94	5	1								
YOU	A	E	120	80	160			23	59	18								
YOU	W	MXD	12	0	40													80
YOU	W	MXD	52	0	80													56
YOU	W	MXD	1112	600	1880		75	21	4									60
YOU	W	MXD	668	80	1640		16	54		30								20
YOU	MXD	MXD	220	120	320			80	18					2				
YOU	W	MXD	160	40	280			45	44	11								40
YOU	A	E	60	40	80													

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
BRE	W	W	156	0	320	23	69	8						68
CBL	W	W	352	120	600		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									60
CNT	A	E	268	40	600									4
CNT	?	E	300	240	360									
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						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									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									36
DUB	A	E	440	0	1120	86	17	17	1					
DUB	A	E	552	40	1240	24	36	13	28					76
DUB	A	E	632	0	2040									
DUB	A	E	787	40	2680									
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									8
LACH	W	MXD	320	120	640									8
MCL	W	MXD	120	40	200						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									
MUD	W	MXD	401	40	401									
MUD	H	W	560	160	1920						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									0
MUD	A	E	1180	160	3120									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									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									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									16
YOU	H	E	224	40	480									12
YOU	A	E	324	40	880									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	High
ARMIDALE	n/a	Weaners	0	0	0	33	0	33	0	34			0	0	0
ARMIDALE	n/a	Rams	0	0	0	42	36	18	4	0			0	0	0
ARMIDALE	n/a	Rams	0	0	0								0	0	0
ARMIDALE	n/a	Lambs	16	0	120	13	52	22	9	4			0	0	0
ARMIDALE	n/a	Weaners	16	0	120								0	0	0
ARMIDALE	n/a	Ewes	16	0	80								0	0	0
ARMIDALE	n/a	Weaners	20	0	80								0	0	0
ARMIDALE	n/a	Ewes	40	0	280						0		0	0	0
ARMIDALE	n/a	Ewes	60	0	320	1	83	16	0	0			0	0	0
ARMIDALE	n/a	Lambs	76	0	240	12	66	16	5	1			4	0	40
ARMIDALE	n/a	Weaners	76	0	240								4	0	40
ARMIDALE	n/a	Ewes	84	0	160	90	2	8	0	0			0	0	0
ARMIDALE	n/a	Wethers	88	0	240	99	0	1	0	0			12	0	40
ARMIDALE	n/a	Weaners	92	0	360	98	2	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	108	0	280	31	43	19	0	7			12	0	80
ARMIDALE	n/a	Ewes	108	0	480								0	0	0
ARMIDALE	n/a	Hoggets	128	0	320	0	100	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	140	0	400	45	53	2	0	0			16	0	40
ARMIDALE	n/a	Ewes	152	0	280	83	14	3	0	0			0	0	0
ARMIDALE	n/a	Ewes	160	0	1600								0	0	0
ARMIDALE	n/a	Weaners	164	0	1240	84	9	7	0	0			0	0	0
ARMIDALE	n/a	Wethers	168	80	240	0	27	45	0	28	0		0	0	0
ARMIDALE	n/a	Ewes	172	40	560	75	15	10	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	176	0	560	0	85	15	0	0			16	0	80
ARMIDALE	n/a	Wethers	184	120	240	0	35	47	18	0	6		0	0	0
ARMIDALE	n/a	Ewes	208	0	560	39	35	7	19	0	0		0	0	0
ARMIDALE	n/a	Ewes	216	40	560								0	0	0
ARMIDALE	n/a	Weaners	228	80	720	16	75	9	0	0			0	0	0
ARMIDALE	n/a	Ewes	228	0	960	93	7	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	236	40	920	0	65	11	24	0			0	0	0
ARMIDALE	n/a	Hoggets	244	120	400	58	27	15	0	0			20	0	120
ARMIDALE	n/a	Ewes	296	0	960	83	8	9	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	364	0	1080	81	9	5	5	0			0	0	0
ARMIDALE	n/a	Hoggets	364	0	1200	97	3	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	404	160	640	25	47	28	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	428	0	1200	7	93	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	436	0	2520	0	97	3	0	0	0		0	0	0
ARMIDALE	n/a	Ewes & lambs	444	0	1200	13	66	21	0	0			0	0	0
ARMIDALE	n/a	Ewes	448	0	1560	88	6	5	1	0			4	0	40
ARMIDALE	n/a	Hoggets	472	0	1960	0	98	2	0	0	0		20	0	120
ARMIDALE	n/a	Weaners	484	80	1320	23	52	21	3	1			0	0	0
ARMIDALE	n/a	Ewes	516	40	1080	17	67	16	0	0			0	0	0
ARMIDALE	n/a	Ewes	532	0	1080	75	25	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	536	400	640	0	88	9	3	0	0		0	0	0
ARMIDALE	n/a	Mixed sex	572	80	960								16	0	40
ARMIDALE	n/a	Lambs	664	0	1320	92	6	2	0	0	2		0	0	0
ARMIDALE	n/a	Hoggets	732	40	1360	77	22	1	0	0			8	0	40
ARMIDALE	n/a	Ewes	736	120	2080								0	0	0
ARMIDALE	n/a	Ewes	780	40	1480	89	10	1	0	0			8	0	40
ARMIDALE	n/a	Lambs	792	40	1960	88	6	6	0	0			0	0	0
ARMIDALE	n/a	Ewes	808	480	1320	76	21	3	0	0			20	0	120
ARMIDALE	n/a	Ewes	808	0	2400	96	0	4	0	0			0	0	0
ARMIDALE	n/a	Ewes	813	0	3760						0		20	0	120
ARMIDALE	n/a	Ewes	840	0	2480	95	2	3	0	0			0	0	0
ARMIDALE	n/a	Ewes	844	40	2440	11	61	11	17	0			0	0	0
ARMIDALE	n/a	Ewes	968	320	4200	61	11	28	0	0			60	0	120
ARMIDALE	n/a	Lambs	988	320	1760	80	15	5	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	1068	80	2640	90	10	0	0	0			60	0	120
ARMIDALE	n/a	Ewes	1140	0	7560	96	2	2	0	0			0	0	0
ARMIDALE	n/a	Lambs	1172	0	9040	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	1200	120	2560	95	4	1	0	0			28	0	80
ARMIDALE	n/a	Ewes	1268	0	9640	83	6	2	9	0			0	0	0
ARMIDALE	n/a	Weaners	1344	720	2680	70	30	0	0	0			24	0	160
ARMIDALE	n/a	Weaners	1464	160	3080	99	1	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1708	40	5720	10	81	7	2	0			0	0	0
ARMIDALE	n/a	Ewes	1740	0	4600								8	0	80
ARMIDALE	n/a	Ewes	1760	120	4240	91	7	2	0	0			0	0	0
ARMIDALE	n/a	Ewes	1852	40	8520								0	0	0
ARMIDALE	n/a	Hoggets	3580	1480	6920								0	0	0
ARMIDALE	n/a	Ewes	4000	3160	5520	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	4232	80	14280	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers				0	94	6	0	0			0	0	0
ARMIDALE	n/a	Wethers				0	85	15	0	0			0	0	0
ARMIDALE	n/a	Ewes				21	60	10	9	0			0	0	0
ARMIDALE	n/a	Ewes				98	1	1	0	0			0	0	0
CENTRAL TABLELANDS	n/a	Ewes	56	0	160	2	9	48	41	0	2		0	0	0
CENTRAL TABLELANDS	n/a	Hoggets	472	40	1880	0	56	39	5	0			20	0	200
CENTRAL TABLELANDS	n/a	Lambs	612	160	1200	3	53	44	0	0			16	0	120
COOMA	n/a	Wethers	24	0	120	48	31	18	3	0			68	0	160
COONABARABRAN	n/a	Weaners	244	0	1280	0	33	67	0	0			12	0	40
COONABARABRAN	n/a	Lambs	2756	0	7800	96	0	4	0	0			36	0	160
DUBBO	n/a	Ewes	1592	240	5840	46	34	20	0	0			0	0	0
HUNTER	n/a	Wethers	2124	0	8080	97	3	0	0	0			0	0	0
MOREE	n/a	Lambs	16	0	80								8	0	40
MOREE	n/a	Lambs	68	0	520	97	3	0	0	0			28	0	80
MUDGE	n/a	Lambs	0	0	0	0	57	43	0	0			0	0	0
MUDGE	n/a	Ewes	44	0	160	15	67	14	4	0			0	0	0
MUDGE	n/a	Ewes	680	240	1200	3	74	11	12	0			0	0	0
MUDGE	n/a	Wethers	2280	400	9440	82	15	2	1	0			0	0	0
MURRAY	n/a	Weaners	12	0	80	0	0	100	0	0			20	0	80
MURRAY	n/a	Ewes	44	0	320								0	0	0
NARRABRI	n/a	Hoggets	1164	40	3480	100	0	0	0	0	0		8	0	40
NORTHERN NEW ENGLAND	n/a	Ewes	0	0	0	83	17	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	28	0	120	5	85	10	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	32	0	200	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	52	0	200								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	60	0	240								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	128	0	400	16	71	13	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	272	0	600	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	308	0	1400	68	24	7	1	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	
NORTHERN NEW ENGLAND	n/a	Wethers	324	120	680								0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed sex	400	0	1160								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	440	40	840	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	620	0	1520	85	12	3	0	0			20	0	120
NORTHERN NEW ENGLAND	n/a	Wethers	656	0	1480	99	1	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	656	0	1880	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	656	320	1480								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	672	40	1840	100	0	0	0	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Ewes	704	40	2040	70	26	4	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		732	120	2080	19	74	7	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	736	0	2320	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		796	0	4760	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	808	0	1880	100	0	0	0	0			8	0	40
NORTHERN NEW ENGLAND	n/a		876	0	2560	79	18	3	0	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Weaners	924	80	2000	79	19	2	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		1008	40	2960	66	12	22	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		1168	560	2560	16	79	4	1	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Ewes	1320	160	2180	93	7	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1352	0	4160	97	1	1	1	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	1492	0	5920								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1516	520	4240	11	89	0	0	0			24	0	80
NORTHERN NEW ENGLAND	n/a	Ewes	1548	80	3000								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2164	360	6520	89	11	0	0	0			8	0	40
NORTHERN NEW ENGLAND	n/a	Ewes	2184	0	10080	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2328	80	5400	89	8	3	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed	2424	400	6560	92	5	2	1	0	14		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2584	320	5640								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	2812	920	7640	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	2944	40	8720	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	3336	0	13520	92	7	1	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	3888	160	7240	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	4036	0	24520	99	1	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	4336	160	16520	100	0	0	0	0			16	0	80
NORTHERN NEW ENGLAND	n/a	Weaners	4600	360	9320	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	4704	480	8440	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		4972	1160	9120	84	16	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	13168	9760	25560	95	5	0	0	0			0	0	0
NYNGAN	n/a	Ewes	36	0	160	0	87	13	0	0			12	0	80
TAMWORTH	n/a	Lambs	0	0	0	100	0	0	0	0			0	0	0
TAMWORTH	n/a	Ewes	184	40	880	89	11	0	0	0			0	0	0
TAMWORTH	n/a		292	0	840								0	0	0
TAMWORTH	n/a	Lambs	368	40	920	13	87	0	0	0			72	0	200
TAMWORTH	n/a	Ewes	428	0	1320	36	50	14	0	0			0	0	0
TAMWORTH	n/a	Ewes	532	40	1240	13	63	24	0	0			0	0	0
TAMWORTH	n/a	Hoggets	592	0	2720	64	35	1	0	0			0	0	0
TAMWORTH	n/a	Ewes	1692	120	5160	34	66	0	0	0			0	0	0
TAMWORTH	n/a	Mixed sex	2732	760	4640	0	92	8	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	0	0	0										0
ARMIDALE	n/a	Weaners	0	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					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		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
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
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
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				0
ARMIDALE	n/a	Weaners	572	160	1080	85	10	2	2	1					4
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	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
COONABLE	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				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		
TAMWORTH	n/a	Lambs	196	0	640	100	0	0	0	0		0			
TAMWORTH	n/a	Ewes	344	0	2760	90	2	1	7	0					
TAMWORTH	n/a	Ewes	344	0	960	98	2	0	0	0					
TAMWORTH	n/a	Ewes	360	0	2000	100	0	0	0	0		1			
TAMWORTH	n/a	Ewes	548	0	1960	97	3	0	0	0			0		
TAMWORTH	n/a	Ewes	752	0	2480	25	75	0	0	0					
TAMWORTH	n/a	Ewes	800	40	1840	95	5	0	0	0					
TAMWORTH	n/a		1024	320	2720	37	51	5	7	0		0			
TAMWORTH	n/a	Mixed sex	1052	40	2360	3	94	3	0	0					
TAMWORTH	n/a	Ewes	1056	160	2440	81	14	1	4	0					16
TAMWORTH	n/a	Rams	1124	80	3960	95	4	1	0	0					0
TAMWORTH	n/a	Rams	1200	320	2760	49	42	9	0	0					76
TAMWORTH	n/a	Lambs	1216	160	4440	100	0	0	0	0		0			12
TAMWORTH	n/a	Lambs	1324	480	2840	84	14	2	0	0					8
TAMWORTH	n/a	Ewes	1620	0	4720	83	14	1	2	0					0
TAMWORTH	n/a	Wethers	1652	80	5440	100	0	0	0	0					4
TAMWORTH	n/a	Hoggets	1664	0	3480	93	6	0	1	0					0
TAMWORTH	n/a	Lambs	3880	0	8640	96	3	0	1	0					8
WALGETT	n/a	Weaners	40	0	160	91	4	5	0	0					0
YASS	n/a	Ewes	180	40	480							0			16