



wormfaxnsw

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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 1261

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 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-Merriwarr	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 (August 2008). 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
BRAIDWO	W	240	200	280										140
BRAIDWO	A	200	120	280										4
CBL	A	16	0	40										40
CNT	W	264	0	1160	100						NEG			
CNT	A	40	0	80										100
CNT	W	224	0	1360										4
CNT	MXD	204	0	640										53
CNT	W	60	0	200										540
CNT	W	0	0	0										20
CNT	MXD	20	0	40							NEG			4
CNT	A	56	0	160										428
CNT	L	132	40	400										196
CNT	L	4	0	40										
CNT	A	20	0	40										28
CNT	MXD	40	0	80										8
CNT	A	44	0	120										20
CNT	MXD	380	120	640	24	19	34	23			NEG			288
CNT	L	216	80	440		90	10							8
COON	W	120	0	520	82	18								
COON	A	40	40	40										80
COON	H	0	0	0										20
COON	W	1620	1440	1800	5	70	25							8
COON	A	0	0	0										20
COON	A	0	0	0										
COON	A	40	0	80										
COON	?	176	0	720										8
COON	H	300	240	360	86	7	6			1				20
COON	A	100	0	200	24	38	33			5				80
COON	A+L	3320	2880	3760	99	1								
COON	MXD	324	80	1000	35	14	11	40						
COON	A	440	280	600		51	49							60
COON	MXD	228	0	960	3	88	9							4
COON	MXD	100	0	440	85	6	9							
COON	MXD	240	200	280	33	42	4	21						20
DUB	H	0	0	0										
DUB	L	60	40	80										20
DUB	A	400	80	720										
DUB	A	240	160	320										
DUB	W	80	0	160										
DUB	MXD	216	0	1040	36	27	9	28						
DUB	A	168	0	360		22	42	36						8
DUB	W	456	160	640										12
DUB	A	68	0	160										8
DUB	H	660	560	760										
DUB	A	560	360	760										20
DUB	W	0	0	0										
DUB	W	1707	200	8920	63	34	3							36
DUB	A	1340	960	1720	98	2								20
DUB	A	540	480	600	94	6								40
FOR	?	36	0	120										4
GUND	A	136	0	360		66	9	25			NEG			
MOL	W	20	0	40										40
MOL	A	260	240	280										
MOL	A	200	360	40										
MOL	W	492	80	960										28
MOL	H	1120	960	1280										20
MOL	W	4	0	40										148
MOL	A	80	40	120										
MOL	A	780	640	920										20
MOL	MXD	500	480	520										20
MOL	W	420	400	440										100
MOL	W	340	200	480										20
MOL	?	60	40	80										
MOL	A	1180	160	2200	70	19	1	10						
MUD	W	976	160	2600		50	50							176
MUD	A	20	0	40										
MUD	A	12	0	120										4
MUD	A	24	0	80										
MUD	MXD	60	0	120										
MUD	A	5432	2160	10840	98	1	1							
MUD	?	980	600	1360	83	9	8							
MUD	W	1060	520	1600	60	19	10	11						60
MUD	A	80	0	160										20
MUD	W	0	0	0							NEG			4
MUD	A	260	40	760	83	9	2	6						
MUD	H	192	0	560	6	58	36							12
MUD	W	12	0	40										8
MUD	A	180	80	280	6	27	37	30						20
MUD	W	60	40	80										
MUD	?	240	160	320										
MUD	A	140	40	240	24	40	29	7						20
MUD	A	200	200	200	14	52	25	9						100
MUD	A	120	0	400										
MUD	A	240	80	400		50	45	5						
MUD	A	0	0	0							NEG			
MUD	A	132	0	800		94	3	3						
MUD	H	1020	800	1240	7	54	16	23						
SCONE	MXD	420	80	1440	20	32	8	40						28
WAGGA	A	160	120	200		30	70							
WAGGA	A	180	120	240		14	86							220
YASS	?	20	0	40										
YASS	?	40	0	80										
YOU	A	152	0	280										4
YOU	A	24	0	80										
YOU	H	20	0	40										
YOU	A	36	0	200										
YOU	W	40	0	120										108
YOU	A	80	0	280										
YOU	H	168	0	520										
YOU	W	132	0	440	41	25	9	25			NEG			16
YOU	A	140	80	200										
YOU	A	100	0	200										20
YOU	A	184	0	640										
YOU	A	52	0	120										12
YOU	MXD	320	240	400										20
YOU	H	20	0	40										
YOU	H	40	40	40										20
YOU	W	36	0	120										108
YOU	A	60	0	120							Neg			12
YOU	A	340	240	440										
YOU	A	100	40	160										
YOU	A	100	0	320		48	28	24			NEG			
YOU	A	100	0	280		3	84	13						
YOU	H	500	440	560										40
YOU	H	500	480	520										20
YOU	A	140	80	200										
YOU	A	200	120	280		57	43							

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
ARM	H	M	380	360	400	100									0
BOM	H	E	4	0	40										20
BOM	W	E	88	0	240										12
BOM	A	E	100	40	160						0	0			0
BOM	M	E	100	40	160						0	0			20
BOM	A	E	200	0	400						0	5			0
BOM	A	E	244	0	1080			73	23	4	0	3			0
BOM	W	M	676	80	1440										48
BOM	A	E	1680	840	2520						3	8			0
BRA	M	W	28	0	80										0
BRA	A	E	40	0	80										0
CMA	W	M	1308	440	3000	80	10	8	2						60
FOR	H	M	0	0	0										0
FOR	A	E	268	0	720										0
FOR	W	M	340	200	480										0
FOR	M	E	360	200	520										0
GOU	A	E	100	80	120										0
GOU	A	E	200	80	320	3	58	39							0
GOU	A	E	200	160	240										0
GOU	A	E	240	80	400										0
GOU	W	M	1180	840	1520	4	84	12							20
GOU	A	E									0	5			0
GUN	W	M	64	0	200										0
GUN	A	E	80	0	480						0	0			0
GUN	A	E	116	0	440			4	96						16
GUN	W	E	220	0	480						0	0			4
HUM	H	E	376	80	640										12
HUN	M	E	476	40	1040										0
NNE	M	E	244	0	1200	99	1				11	0			0
STC	A	E	852	0	2040	61	32	3	4		0	0			20
WAG	H	E	0	0	0										40
WAG	A	E	0	0	0										0
WAG	W	M	0	0	0										32
WAG	W	M	20	0	40										60
WAG	A	E	20	0	200										0
WAG	A	E	24	0	80										32
WAG	A	E	40	0	120										28
WAG	M	E	284	80	1000			70	29	1					4
WAG	A	E	380	80	680	93	2	2	3						20
YAS	H	E	80	0	160										0
YAS	M	E	340	240	440	25	63	9	3						0
YOU	A	E	0	0	0										0
YOU	A	E	20	0	40										0
YOU	A	E	20	0	40										0
YOU	H	E	60	0	160										0
YOU	A	E	64	0	200										8
YOU	A	E	140	120	160			26	74						0
YOU	W	W	152	0	680			27	70	3					64

AREA	AGE / SEX		Strongyle Eggs per Gram				Larval culture/differentiation					Liver fluke		Nematodirus			
			Mean	Low	High	400	Haem%	Trich%	Ost%	Oes%	Coop%	Count 1	Count 2	Mean	Low	High	
ARM	H	M	380	360	400	400	100										0
BOM	H	E	4	0	40	40											20
BOM	W	E	88	0	240	240											12
BOM	A	E	100	40	160	160						0	0				0
BOM	M	E	100	40	160	160						0	0				20
BOM	A	E	200	0	400	400						0	5				0
BOM	A	E	244	0	1080	1080			73	23	4	0	3				0
BOM	W	M	676	80	1440	1440											48
BOM	A	E	1680	840	2520	2520						3	8				0
BRA	M	W	28	0	80	80											0
BRA	A	E	40	0	80	80											0
CMA	W	M	1308	440	3000	3000	80	10	8	2							60
FOR	H	M	0	0	0	0											0
FOR	A	E	268	0	720	720											0
FOR	W	M	340	200	480	480											0
FOR	M	E	360	200	520	520											0
GOU	A	E	100	80	120	120											0
GOU	A	E	200	80	320	320	3	58	39								0
GOU	A	E	200	160	240	240											0
GOU	A	E	240	80	400	400											0
GOU	W	M	1180	840	1520	1520	4	84	12								20
GOU	A	E										0	5				0
GUN	W	M	64	0	200	200											0
GUN	A	E	80	0	480	480						0	0				0
GUN	A	E	116	0	440	440			4	96							16
GUN	W	E	220	0	480	480						0	0				4
HUM	H	E	376	80	640	640											12
HUN	M	E	476	40	1040	1040											0
NNE	M	E	244	0	1200	1200	99	1				11	0				0
STC	A	E	852	0	2040	2040	61	32	3	4		0	0				20
WAG	H	E	0	0	0	0											40
WAG	A	E	0	0	0	0											0
WAG	W	M	0	0	0	0											32
WAG	W	M	20	0	40	40											60
WAG	A	E	20	0	200	200											0
WAG	A	E	24	0	80	80											32
WAG	A	E	40	0	120	120											28
WAG	M	E	284	80	1000	1000			70	29	1						4
WAG	A	E	380	80	680	680	93	2	2	3							20
YAS	H	E	80	0	160	160											0
YAS	M	E	340	240	440	440	25	63	9	3							0
YOU	A	E	0	0	0	0											0
YOU	A	E	20	0	40	40											0
YOU	A	E	20	0	40	40											0
YOU	H	E	60	0	160	160											0
YOU	A	E	64	0	200	200											8
YOU	A	E	140	120	160	160			26	74							0
YOU	W	W	152	0	680	680			27	70	3						64

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	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0						0		0	0	0
ARMIDALE	n/a	Ewes	12	0	40	32	68	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	12	0	80	100	0	0	0	0			8	0	40
ARMIDALE	n/a	Hoggets	12	0	80						0		4	0	40
ARMIDALE	n/a	Weaners	12	0	80								0	0	0
ARMIDALE	n/a	Ewes	24	0	120								0	0	0
ARMIDALE	n/a	Ewes	28	0	120	0	98	0	2	0			20	0	120
ARMIDALE	n/a	Ewes	32	0	160	78	7	15	0	0			12	0	80
ARMIDALE	n/a	Ewes	40	0	400	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	48	0	200	72	0	28	0	0			0	0	0
ARMIDALE	n/a	Ewes	52	0	200	32	68	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	64	0	200	67	25	8	0	0			0	0	0
ARMIDALE	n/a	Ewes	64	0	280	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	64	0	440								0	0	0
ARMIDALE	n/a	Ewes	68	0	240	0	77	8	15	0			0	0	0
ARMIDALE	n/a	Hoggets	80	0	240	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	92	0	200	100	0	0	0	0	3		0	0	0
ARMIDALE	n/a	Ewes	104	0	320	0	100	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	104	0	280	95	5	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	108	0	360						0		0	0	0
ARMIDALE	n/a	Ewes	120	0	480	53	47	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	124	0	320	65	25	10	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	128	0	560								0	0	0
ARMIDALE	n/a	Wethers	136	0	480	2	98	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	160	0	600	0	95	5	0	0	3		0	0	0
ARMIDALE	n/a	Ewes	164	0	720	19	80	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	168	0	800	0	98	2	0	0			0	0	0
ARMIDALE	n/a	Weaners	172	0	400	98	2	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	172	0	840						0		0	0	0
ARMIDALE	n/a	Ewes	188	0	520	75	23	2	0	0			0	0	0
ARMIDALE	n/a	Ewes	195	0	640	0	99	1	0	0			0	0	0
ARMIDALE	n/a	Weaners	216	0	640	1	98	0	1	0			8	0	80
ARMIDALE	n/a	Ewes	227	0	960	0	100	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	228	0	480	93	5	2	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	240	80	440	63	31	6	0	0			60	0	160
ARMIDALE	n/a	Ewes	240	0	1040	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	252	0	520	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	256	0	1480	91	5	4	0	0			0	0	0
ARMIDALE	n/a	Weaners	260	0	1200	75	24	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	288	0	1200	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	296	80	560	30	67	3	0	0	287		0	0	0
ARMIDALE	n/a	Mixed	296	40	800	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	304	0	680	94	6	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	312	80	520	32	64	2	2	0	0		0	0	0
ARMIDALE	n/a	Weaners	316	0	1360	0	100	0	0	0	0		4	0	40
ARMIDALE	n/a	Lambs	316	0	1000	76	22	2	0	0			0	0	0
ARMIDALE	n/a	Hoggets	316	40	920	93	3	4	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	324	0	1520	36	61	3	0	0			0	0	0
ARMIDALE	n/a	Ewes	329	40	1120								0	0	0
ARMIDALE	n/a	Weaners	340	40	1000	24	69	6	1	0			0	0	0
ARMIDALE	n/a	Ewes	344	0	1240	72	26	0	2	0	0		0	0	0
ARMIDALE	n/a	Ewes	348	40	800	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	380	0	1720	79	18	3	0	0	1		0	0	0
ARMIDALE	n/a	Ewes	384	0	1080								0	0	0
ARMIDALE	n/a	Ewes	392	0	1120	2	86	5	7	0			0	0	0
ARMIDALE	n/a	Weaners	416	0	1320	48	41	11	0	0			24	0	200
ARMIDALE	n/a	Ewes	416	0	3920	92	6	2	0	0			0	0	0
ARMIDALE	n/a	Weaners	424	0	1000	36	61	0	3	0			0	0	0
ARMIDALE	n/a	Ewes	436	0	760	59	35	4	2	0			0	0	0
ARMIDALE	n/a	Ewes	480	40	1360	15	22	7	56	0			0	0	0
ARMIDALE	n/a	Ewes	498	120	1640	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	532	40	1200								0	0	0
ARMIDALE	n/a	Ewes	552	0	1480	97	0	3	0	0			0	0	0
ARMIDALE	n/a	Weaners	564	0	1400	97	3	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	572	0	3920	0	100	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	576	80	1080	88	12	0	0	0	0		8	0	40
ARMIDALE	n/a	Ewes	584	40	3320	22	75	3	0	0	0		0	0	0
ARMIDALE	n/a	Hoggets	620	200	1680	71	20	9	0	0			176	0	480
ARMIDALE	n/a	Ewes	664	0	1640								8	0	80
ARMIDALE	n/a	Ewes	688	0	3400	29	59	4	8	0	5		0	0	0
ARMIDALE	n/a	Ewes	692	120	1400	36	45	12	7	0	0		0	0	0
ARMIDALE	n/a	Ewes	700	120	2040	94	6	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	716	80	1760	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	772	40	2200	80	18	2	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	780	40	2800	34	66	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	804	0	2240	91	5	1	3	0			0	0	0
ARMIDALE	n/a	Lambs	812	200	2040						0		0	0	0
ARMIDALE	n/a	Ewes	828	0	3680	90	6	3	1	0			0	0	0
ARMIDALE	n/a	Ewes	868	0	4040	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	892	0	1560	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	900	0	2920	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	908	0	3080	79	14	7	0	0			0	0	0
ARMIDALE	n/a	Ewes	932	80	2280						0		0	0	0
ARMIDALE	n/a	Wethers	936	160	2840	78	22	0	0	0			8	0	80
ARMIDALE	n/a	Weaners	972	360	2200	24	75	1	0	0			8	0	80
ARMIDALE	n/a	Lambs	988	80	2160	88	3	6	3	0			0	0	0
ARMIDALE	n/a	Ewes	1004	120	3960	100	0	0	0	0			4	0	40
ARMIDALE	n/a	Ewes	1028	80	2480	33	57	4	6	0	2		0	0	0
ARMIDALE	n/a	Ewes	1049	0	2320	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1064	240	5360	89	7	3	1	0			0	0	0
ARMIDALE	n/a	Ewes	1112	40	2640	98	2	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1120	40	2720	99	0	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	1152	0	7560								0	0	0
ARMIDALE	n/a	Wethers	1164	0	8560	53	39	6	2	0	0		0	0	0
ARMIDALE	n/a	Weaners	1233	520	3000	0	100	0	0	0	4		7	0	40
ARMIDALE	n/a	Ewes	1292	400	2640	69	20	6	5	0			0	0	0
ARMIDALE	n/a	Lambs	1476	400	3120	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Lambs	1508	80	3880	98	2	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1520	40	5040	95	4	0	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
ARMIDALE	n/a	Weaners	1532	720	2960	72	28	0	0	0			24	0	120
ARMIDALE	n/a	Lambs	1548	200	3680	10	89	1	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	1628	0	4560	99	0	1	0	0			0	0	0
ARMIDALE	n/a	Weaners	1660	600	2560	38	57	4	1	0	0		16	0	80
ARMIDALE	n/a	Ewes	1680	440	5640	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1796	400	5440	0	64	26	10	0			0	0	0
ARMIDALE	n/a	Ewes	1848	0	4600	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Lambs	1972	80	4080	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	1988	760	4640	83	13	3	1	0	2		0	0	0
ARMIDALE	n/a	Ewes	2072	160	4280								0	0	0
ARMIDALE	n/a	Ewes	2188	0	6240	78	22	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	2280	40	8840	94	6	0	0	0			44	0	160
ARMIDALE	n/a	Weaners	2340	40	9240	99	1	0	0	0			52	0	160
ARMIDALE	n/a	Weaners	2648	520	5480	90	10	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	2764	600	7200	93	1	6	0	0			124	0	760
ARMIDALE	n/a	Weaners				67	30	2	1	0					
ARMIDALE	n/a	Weaners				81	18	1	0	0					
CENTRAL TABLELANDS	n/a	Weaners	0	0	0	0	75	25	0	0	0		0	0	0
CENTRAL TABLELANDS	n/a	Weaners	16	0	160	0	78	22	0	0	0		0	0	0
CENTRAL TABLELANDS	n/a	Ewes	88	0	160	0	93	1	6	0			0	0	0
CENTRAL TABLELANDS	n/a	Ewes	200	0	520	0	73	7	20	0			0	0	0
CENTRAL TABLELANDS	n/a	Wethers	244	0	1440	0	76	1	23	0			0	0	0
CENTRAL TABLELANDS	n/a	Weaners	652	320	1480	2	70	0	28	0			0	0	0
COOMA	n/a	Ewes	344	40	1000	58	35	7	0	0	0		0	0	0
COOMA	n/a	Ewes	752	80	1840	62	32	6	0	0	0		4	0	40
COONABARABRAN	n/a	Weaners	104	0	480								40	0	120
COONABARABRAN	n/a	Weaners	188	0	400	0	84	11	3	2			0	0	0
COONABARABRAN	n/a	Wethers	312	0	1000	14	83	3	0	0			4	0	40
COONABARABRAN	n/a	Ewes	408	40	800	4	87	0	9	0			0	0	0
COONABARABRAN	n/a	Ewes	492	120	1200	45	34	12	9	0			4	0	40
COONABARABRAN	n/a	Ewes	840	280	2080	13	82	0	5	0			0	0	0
HUME	n/a	Ewes	36	0	120	9	59	0	32	0			0	0	0
HUME	n/a	Ewes	208	0	440	38	47	14	1	0			0	0	0
HUME	n/a	Ewes	212	40	440	10	70	10	10	0			0	0	0
HUME	n/a	Ewes	248	0	480	0	96	2	2	0			4	0	40
HUME	n/a	Ewes	604	40	2160	73	23	4	0	0			0	0	0
MOLONG	n/a	Ewes	108	40	200								0	0	0
MOREE	n/a	Ewes	28	0	120								0	0	0
MUDGEES	n/a	Ewes	140	0	520	4	45	42	9	0			16	0	120
MUDGEES	n/a	Ewes	540	160	1160	0	59	27	14	0			0	0	0
MUDGEES	n/a	Ewes	1672	40	3760	94	1	4	1	0			0	0	0
NARRABRI	n/a	Weaners	44	0	200	96	4	0	0	0			8	0	80
NARRABRI	n/a	Ewes	64	0	400	74	26	0	0	0			0	0	0
NARRABRI	n/a	Mixed	376	0	840	3	97	0	0	0			36	0	280
NORTHERN NEW ENGLAND	n/a	Ewes	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	16	0	120	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	44	0	160								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	68	0	360	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		108	40	360	91	9	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	112	0	840	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	172	40	480	46	24	16	14	0			8	0	40
NORTHERN NEW ENGLAND	n/a	Lambs	188	0	1320	84	16	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	332	0	1280	87	13	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	344	0	1320	24	76	0	0	0	2		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	440	0	2640	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	460	0	1400	69	29	2	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	536	0	1200								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1704	80	3840	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2340	40	4920	98	2	0	0	0	4		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners									0				
NORTHERN NEW ENGLAND	n/a	Ewes									1				
NORTHERN NEW ENGLAND	n/a	Ewes									0				
NORTHERN NEW ENGLAND	n/a	Wethers									10				
NORTHERN SLOPES	n/a	Wethers	772	0	2360	96	4	0	0	0			0	0	0
TAMWORTH	n/a	Weaners	4	0	40								0	0	0
TAMWORTH	n/a	Wethers	17	0	40								0	0	0
TAMWORTH	n/a	Weaners	20	0	120	0	100	0	0	0			0	0	0
TAMWORTH	n/a	Wethers	48	0	440	46	22	7	25	0	0		20	0	120
TAMWORTH	n/a	Ewes	75	0	200								0	0	0
TAMWORTH	n/a	Lambs	116	0	280	27	67	6	0	0			12	0	40
TAMWORTH	n/a	Ewes	188	0	840	38	23	25	14	0			0	0	0
TAMWORTH	n/a	Wethers	228	0	400								0	0	0
TAMWORTH	n/a	Ewes	352	0	1240	8	85	7	0	0			4	0	40
TAMWORTH	n/a	Ewes	388	0	3080	66	16	2	16	0			0	0	0
TAMWORTH	n/a	Hoggets	1028	240	1840	42	50	8	0	0			0	0	0
YASS	n/a	Ewes	0	0	0								0	0	0
YASS	n/a	Ewes	0	0	0								4	0	40
YASS	n/a	Ewes	80	0	320	0	42	49	9	0	2		0	0	0
YASS	n/a	Ewes	80	0	240	0	69	31	0	0	0		0	0	0
YASS	n/a	Ewes	80	0	280								16	0	80
YASS	n/a	Ewes	88	0	320								0	0	0
YASS	n/a	Hoggets	140	0	240	0	74	26	0	0	0		28	0	80
YASS	n/a	Wethers	148	40	320	0	88	7	5	0	0		44	0	160
YASS	n/a	Ewes	300	80	600								0	0	0
YOUNG	n/a	Weaners	100	0	200								56	0	240

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	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	0	0	0	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	4	0	40	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	12	0	80	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	16	0	80	0	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	16	0	80	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	22	0	120	0	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	24	0	120	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	24	0	160	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	48	0	320	0	96	4	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	52	0	160	18	24	5	53	0	6			0	0	0
ARMIDALE	n/a	Ewes	52	0	360	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	56	0	160	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	64	0	480	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	68	0	320	0	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	68	0	400	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	76	0	200	76	0	24	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	92	0	680	88	10	0	2	0	0			0	0	0
ARMIDALE	n/a	Cows	96	0	280	54	45	1	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	96	0	400	79	20	0	1	0	2			0	0	0
ARMIDALE	n/a	Ewes	107	0	400	67	33	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	112	0	560	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	148	0	1360	27	64	6	3	0	0			0	0	0
ARMIDALE	n/a	Wethers	148	0	720	79	19	2	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	148	0	760	0	0	0	0	0	0			4	0	40
ARMIDALE	n/a	Wethers	160	0	480	10	90	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	164	0	560	66	26	8	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	168	0	680	71	18	11	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	172	0	1120	86	14	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	188	0	680	79	16	5	0	0	0			40	0	160
ARMIDALE	n/a	Mixed sex	212	0	600	9	80	5	6	0	3			8	0	40
ARMIDALE	n/a	Lambs	212	0	720	97	3	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	248	0	720	94	3	3	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	252	0	800	17	75	7	1	0	0			0	0	0
ARMIDALE	n/a	Wethers	252	0	440	18	60	22	0	0	0			4	0	40
ARMIDALE	n/a	Ewes	256	40	680	29	59	9	3	0	0			0	0	0
ARMIDALE	n/a	Mixed sex	260	0	680	15	54	17	14	0	0			0	0	0
ARMIDALE	n/a	Ewes	284	0	1080	88	11	1	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	284	0	1400	89	11	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	288	0	1120	68	13	8	11	0	0			0	0	0
ARMIDALE	n/a	Lambs	308	0	1560	52	48	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	336	0	880	0	0	0	0	0	6			0	0	0
ARMIDALE	n/a	Weaners	352	0	2400	8	88	4	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	392	0	840	24	63	13	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	400	0	1720	97	3	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	416	0	1000	79	12	9	0	0	0			4	0	40
ARMIDALE	n/a	Rams	420	0	3200	80	19	1	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	460	40	1160	91	9	0	0	0	0			16	0	40
ARMIDALE	n/a	Weaners	488	160	1200	0	84	16	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	500	0	2520	4	54	28	14	0	0			0	0	0
ARMIDALE	n/a	Weaners	520	0	2920	14	84	2	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	520	120	920	67	30	3	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	568	320	1080	17	73	10	0	0	0			12	0	120
ARMIDALE	n/a	Wethers	612	80	1120	48	39	13	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	630	320	1040	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	652	80	1920	73	23	3	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	660	0	1640	0	0	0	0	0	2			0	0	0
ARMIDALE	n/a	Ewes	680	0	2240	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Mixed sex	692	80	2640	85	15	0	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	704	40	1800	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	812	120	2960	1	79	9	11	0	0			0	0	0
ARMIDALE	n/a	Mixed sex	824	80	2640	89	9	2	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	856	160	1640	0	0	0	0	0	0			32	0	120
ARMIDALE	n/a	Weaners	860	160	1480	52	38	10	0	0	1			4	0	40
ARMIDALE	n/a	Wethers	952	320	2080	87	7	3	3	0	0			4	0	40
ARMIDALE	n/a	Weaners	968	160	2840	1	96	2	1	0	0			0	0	0
ARMIDALE	n/a	Hoggets	968	160	3480	31	30	19	8	12	0			48	0	160
ARMIDALE	n/a	Weaners	984	0	2920	0	0	0	0	0	0			24	0	120
ARMIDALE	n/a	Ewes	992	240	2160	90	6	4	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1016	80	1960	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1112	160	4240	92	4	1	3	0	0			36	0	80
ARMIDALE	n/a	Weaners	1128	200	1840	37	52	11	0	0	0			36	0	160
ARMIDALE	n/a	Weaners	1220	80	2120	73	22	5	0	0	0			24	0	80
ARMIDALE	n/a	Ewes	1276	0	5240	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1376	320	4640	96	3	0	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	1436	40	8680	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1504	320	6160	0	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1672	640	4640	59	36	5	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	1956	160	4200	0	0	0	0	0	0			16	0	160
ARMIDALE	n/a	Weaners	2272	200	4200	100	0	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	2488	1360	5440	84	16	0	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	2816	1440	5760	1	92	2	5	0	0			48	0	160

