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WormFax is based on sheep WormTest (worm egg count (WEC) monitoring) data from the Industry and Investment NSW Veterinary Laboratory at Camden/Menangle (EMAI,) as well as from Armidale-based private laboratory, Veterinary Health Research (VHR). 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 Industry & Investment NSW - Primary Industries 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.

WormFax is based on sheep WormTest (faecal worm egg count (WEC) monitoring) data from the **Industry & Investment NSW Veterinary Laboratory** at Camden/Menangle (EMAI) (the Orange and Wollongbar labs closed on 30 June 2009) as well as from Armidale-based private laboratory, **Veterinary Health Research (VHR)**. Owner details are not disclosed.

Districts

Rural Lands Protection Board districts (RLPBs) were **replaced by LHPAs** (Livestock Health and Protection Authorities) in January 2009. For a time, areas/districts in this publication will appear as RLPBs and/or LHPAs. See <http://www.lhpa.org.au/>

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%'), or perhaps 'Cul 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": <http://www.dpi.nsw.gov.au/agriculture/livestock/sheep/health>
and WormBoss: www.wool.com/wormboss

Industry & Investment NSW Veterinary Lab:
<http://www.dpi.nsw.gov.au/aboutus/services/das/veterinary>

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

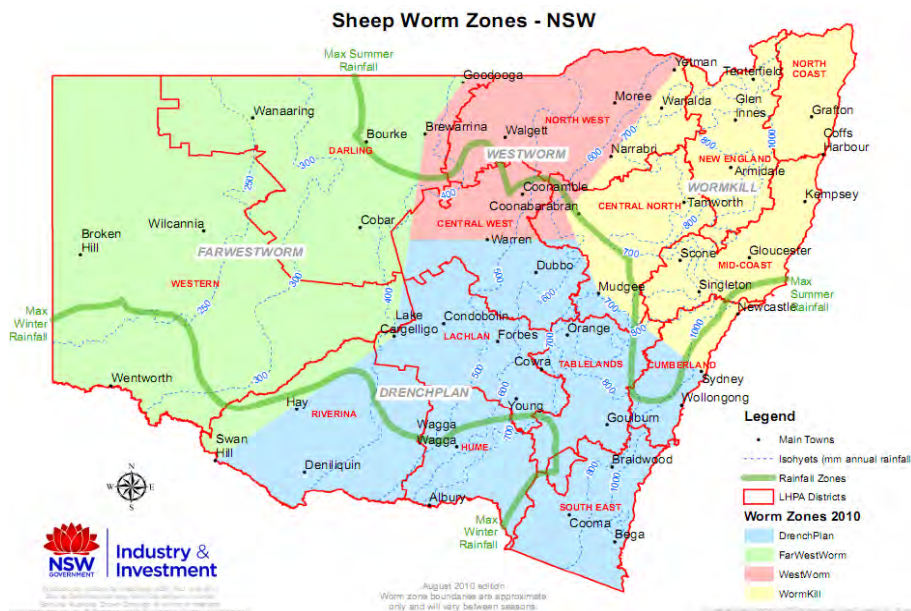
* Camden/Menangle (EMAI) - tel (02) 4640 6327

* Orange - tel (02) 6391 3858 **CLOSED June 2009**

* Wollongbar - tel (02) 6626 1103 **CLOSED June 2009**

Private laboratory contributing data to WormFax:

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



RLPB District (pre Jan '09)		LHPA (post Jan '09)
(ACT)		
Armidale	ARM	New England
Balranald	BAL	Western
Bombala	BOM	South East
Bourke		Darling
Braidwood	BRA	South East
Brewarrina	BRE	Darling
Broken Hill		Western
Casino		North Coast
Central Tablelands	CNT	Tablelands
Cobar		Darling
Condobolin		Lachlan
Cooma	COOM	South East
Coonabarabran	COON	Central North
Coonamble	CBL	Central West
Dubbo	DUB	Central West
Forbes		Lachlan
Gloucester		Mid-Coast
Goulburn	GOUL	Tablelands
Grafton		North Coast
Gundagai	GUN	Hume
Hay	HAY	Riverina
Hillston	HIL	Western
Hume	HUM	Hume
Hunter	HUN	Mid-Coast
Kempsey		Mid Coast
Maitland		Cumberland/Mid-Coast
Milparinka		Western
Molong	MOL	Central West/Tablelands
Moree		North West
Moss Vale		Cumberland
Mudgee-Merriwa	MUD	Central North
Murray	MUR	Riverina
Narranderra	NAR	Riverina
Narrabri	NBR	North West
Northern New England	NNE	New England
Northern Slopes	NS	North West
Nyngan	NYN	Central West
Riverina		Riverina
South Coast	STC	South East
Tamworth	TAM	Central North
Tweed		North Coast
Wagga	WAG	Hume
Walgett	WAL	North West
Wanaaring		Darling
Wentworth		Western
Wilcannia		Western
Yass	YAS	Tablelands
Young		Lachlan

Map (2009): Livestock Health and Pest Authorities (LPHAs; large font) and former (pre Jan 09) Rural Lands Protection Boards



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The information contained in this publication is based on knowledge and understanding at the time of writing (November 2010). 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	LHPA Area	Age	Sex	Egg count			Nematodir	Larval diff %		Ost	C	Oes	Fluke
				EPG	low	high		H	T				
ACT	ACT	H	E	60	0	120	0						
COO	Central North	H	E	40	0	80	0						
COO	Central North	H	E	72	0	520	0						
COO	Central North	A	E	80	0	160	0						
COO	Central North	A	E	692	0	6280	0	1		98			1
COO	Central North	H	M	960	880	1040	20						
COO	Central North	A	E	1148	0	4680	16	95		4			1
COO	Central North	A	E	1340	80	3960	4	99			1		
MUD	Central North	W	M	8	0	40	28						
MUD	Central North	A	W	40	0	80	0						
MUD	Central North	H	E	80	40	120	0						
MUD	Central North	M	W	100	0	240	0	73		19	8		
MUD	Central North	M	M	104	0	480	72	33		41	25		1
MUD	Central North	A	E	136	0	240	4	5		37	58		
MUD	Central North	H	E	144	0	400	0			64	22		14
MUD	Central North	A	M	224	0	400	16	3		90	5		2
MUD	Central North	A	W	260	240	280	40	77		19	4		
MUD	Central North	H	E	288	80	520	0			79	21		
MUD	Central North	W	M	440	40	540	0			84	16		
MUD	Central North	A	E	596	80	2120	2	79		15		4	
MUD	Central North	W	E	5430	1320	8800	28	2		96	2		
TAM	Central North	A	E	284	80	520	4	87		10		1	2
TAM	Central North	A	E	3128	80	19600	4	82		18			
CBL	Central West	M	E	0	0	0	0						
CBL	Central West			0	0	0	0						
CBL	Central West	W	E	168	0	800	0						
CBL	Central West	A	E	224	0	680	0	44		46	7		3
CBL	Central West	W	M	2440	1240	3640	20	71		23	2	3	1
DUB	Central West	A	E	0	0	0	0						
DUB	Central West	M	E	16	0	80	20						
DUB	Central West	H	R	40	40	40	0						
DUB	Central West	H	E	44	0	320	0						
DUB	Central West	A	E	44	0	280	0						
DUB	Central West	H	E	100	80	120	0			93	2		5
DUB	Central West	A	M	180	120	240	0	4		73	10		10
DUB	Central West	H	E	240	200	280	0	93		6	1		
DUB	Central West	W	M	300	200	400	0	3		61	36		
DUB	Central West	M	M	364	0	1160	20	74		14	12		
DUB	Central West	H	E	488	0	1400	0	93		6	1		
DUB	Central West	A	E	536	40	2600	0	96		3	1		
DUB	Central West	H	M	608	0	2480	0	30		62	8		
DUB	Central West	M	E	640	560	720	0			82	18		
DUB	Central West	A	E	653	0	2120	0	100					
DUB	Central West	A	M	740	640	840	20			37	63		
DUB	Central West	A	E	1220	960	1480	0			100			
DUB	Central West	W	M	1440	280	2840	32	37		62	1		
DUB	Central West	M	M	1540	1040	2040	0	86		8	2		4
NYN	Central West	W	M	0	0	0	0						
NYN	Central West	A	E	68	0	240	0						
NYN	Central West	H	E	100	0	200	0	23		66	10		1
NYN	Central West	W	E	244	0	760	0	13		78	7		2
NYN	Central West	M	E	272	0	920	0	2		87	11		
NYN	Central West	H	W	492	0	2840	60						
MOS	Cumberland	A	E	1820	920	2720	0	72		21	1		6
MOS	Cumberland	A	E	8596	0	56200	0	96		4			
BOU	Darling	A	E	0	0	0	0						
GUN	Hume	A	E	360	160	560	16						
HUM	Hume	A	E	0	0	0	0						
WAG	Hume	A	E	0	0	0	0						
WAG	Hume	H	E	132	0	400	0						
WAG	Hume	W	M	380	320	440	140	1		67	22	6	4
FOR	Lachlan	W	E	20	0	40	0						
FOR	Lachlan	H	E	128	0	360	0			95	5		
FOR	Lachlan	H	E	340	320	360	0						
FOR	Lachlan	A	E	520	400	640	0						
FOR	Lachlan	M	E	940	560	1320	0			98	2		
FOR	Lachlan	W	M	1240	880	1600	0	8		72	20		
YOU	Lachlan	H	W	0	0	0	0						
YOU	Lachlan	H	E	0	0	0	0						
YOU	Lachlan	W	R	0	0	0	0						
YOU	Lachlan	A	E	40	0	80	0						
YOU	Lachlan	W	E	80	40	120	0						
YOU	Lachlan	A	E	88	0	400	16						
YOU	Lachlan	A	E	120	120	120	0						
YOU	Lachlan	H	R	160	120	200	40						
YOU	Lachlan	M	W	188	0	800	40						
YOU	Lachlan	A	E	200	120	280	120	3		51	46		
YOU	Lachlan	A	E	300	40	560	0						
YOU	Lachlan	A	E	320	280	360	40						
YOU	Lachlan	A	E	360	360	360	0						
YOU	Lachlan	A	E	420	200	640	0						
YOU	Lachlan	M	M	440	360	520	20						
YOU	Lachlan	W	E	460	400	520	0						
YOU	Lachlan	W	M	700	480	920	360						
YOU	Lachlan	W	E	756	160	1760	12						
YOU	Lachlan	W	R	1180	880	1480	20			79	19		2
YOU	Lachlan	A	E	1840	1040	2640	0						

T=Trichostrongylus sp=black scour worm

H=Haemonchus contortus=barber's pole worm

C=Cooperia sp=small intestinal worm

Fluke=liver fluke=Fasciola hepatica

EPG=eggs per gram of faeces

Menangle, Sep 2010

	Lachlan	M	M	836	360	1400	0	6	89	4	1
WAL	North West	W	M	584	40	1920	112	32	58	7	3
	North West	H	E	440	400	480	0	64	32	1	3
RIV	Riverina	W	M	0	0	0	0		LHPA=Livestock Health and Pest Authority		
RIV	Riverina	M	E	60	0	120	0				
RIV	Riverina	W	E	60	0	240	0		Oes=Oesophagostom (most commonly Oes columbianum)=large intes		
RIV	Riverina	M	M	280	80	480	0		92	8	
RIV	Riverina	M	M	400	0	1880	76				
BOM	South East	A	E	0	0	0	4				
BOM	South East	M	M	28	0	80	8		Nematodirus-thin-necked intestinal worm		
BOM	South East	A	E	40	40	40	40				
BOM	South East	A	E	40	40	40	0				
BOM	South East	M	M	112	0	760	52	4	37	59	
BOM	South East	M	W	120	40	200	20				
BOM	South East	M	M	148	0	360	0		48	52	
BOM	South East	M	M	200	0	440	8		36	64	
BOM	South East	A	E	520	480	560	140				
BOM	South East	A	E	520	480	560	140	4	60	35	1
BOM	South East	M	E	540	320	760	0	2	85	10	3
CMA	South East	A	E	60	40	80	0				
CTL	Tablelands	W	W	0	0	0	0				
CTL	Tablelands	H	E	20	0	40	0				
CTL	Tablelands	W	W	292	40	720	12	7	79	11	1
CTL	Tablelands	H	W	300	40	1520	0	2	93	1	4
CTL	Tablelands	W	W	480	400	560	60		O=Ostertagia(Teladorsagia) circumcincta=small brown stomach worm		
CTL	Tablelands	W	M	560	280	840	60	1	59	32	7
GOU	Tablelands	H	E	100	40	160	0				
GOU	Tablelands	A	E	160	120	200	100				
GOU	Tablelands	A	E	340	320	360	0		49	32	19
MOL	Tablelands	W	M	0	0	0	0				
MOL	Tablelands	M	W	224	0	520	0				
MOL	Tablelands	M	M	272	40	840	4	36	63	1	
MOL	Tablelands	A	E	4420	4080	4760	0	97	3		
WEN	Western	A	E	4	0	40	0				
WEN	Western	H	E	276	0	760	0		90	8	2

Area	LHPA		Age	Sex	Egg count			Nematodir	Larval diff %		Ost	C	Oes	Fluke
	Area				EPG	low	high		H	T				
COO	Central North	L	M		0	0	0	0						
COO	Central North	A	E		4	0	40	0						
COO	Central North	W	M		144	0	480	0	81	12	7			
COO	Central North	A	E		164	0	1440	0	68	20	12			
COO	Central North	A	E		284	0	720	0	32	51	12		5	
COO	Central North	A	E		360	80	1000	0	95	5				
COO	Central North	M	M		444	0	1720	16						
COO	Central North	L	M		564	0	1520	8						
COO	Central North	M	E		620	520	720	20	5	66	6			23
COO	Central North	M	E		636	0	2200	0	44	40	11			5
COO	Central North	A	E		720	640	800	60						
COO	Central North	L	M		988	240	2560	4						
COO	Central North	A	E		1720	1040	2400	0	91	2	5			2
COO	Central North	M	E		2320	1920	2720	0	45	43	9			3
COO	Central North	M	E		3400	3200	3600	0						
COO	Central North	M	E		3600	3280	3920	80						
COO	Central North	A	E		3700	2160	5240	40	97	3				
MUD	Central North	A	W		8	0	40	0						
MUD	Central North	H	M		40	0	80	0						
MUD	Central North	L	M		56	0	280	0						
MUD	Central North	M	E		76	0	320	0						
MUD	Central North	A	E		168	0	720	0			19	79		2
MUD	Central North	A	E		252	40	640	4	9	86	5			
MUD	Central North	M	W		304	0	720	0			100			
MUD	Central North	M	E		316	0	760	0	15	80	5			
MUD	Central North	H	E		372	80	1000	4	17	77	6			
MUD	Central North	M	M		440	120	760	0	30	11	59			
MUD	Central North	L	M		536	0	1760	4	3	38	44	3	12	
MUD	Central North	A	E		672	0	1600	8	31	46	10			13
MUD	Central North	H	R		716	160	2400	20	71	24	5			
MUD	Central North	A	E		896	0	2600	8	5	89	6			
MUD	Central North	W	M		1012	0	4440	0	96	4				
MUD	Central North	M	E		1064	0	3680	0						
MUD	Central North	A	E		1208	80	2200	0	98	1	1			
MUD	Central North	A	E		1348	40	3440	12		91	9			
MUD	Central North	A	E		1504	440	3360	4	76	1	23			
MUD	Central North	A	E		1632	360	3400	0		93	5			3
TAM	Central North	A	E		732	0	1560	0	91	4				5
	Central North	W	E		24	0	120	0						
	Central North	W	M		100	40	160	0	87	11	2			
	Central North	A	E		260	0	920	24		90	5			5
	Central North	M	M		420	0	1600	4		95	2			
	Central North	M	M		476	80	1640	0	67	27	4			2
	Central North	W	M		500	440	560	80	96	1	3			
	Central North	M	M		616	120	1800	4	48	44	7			1
	Central North	H	M		800	480	1120	20	34	53	10			3
	Central North	L	M		864	0	2280	10	37	44	21			1
	Central North	A	E		1416	0	3880	0	32	59	4			5
	Central North	M	E		2336	40	3800	0	76	20	3			1
	Central North	M	E		3440	1960	4920	24						
CBL	Central West	H	E		52	0	200	0						
CBL	Central West	A	E		156	40	360	0	32	52	7	1	8	
CBL	Central West	A	E		204	0	480	4	6	88	4			2
CBL	Central West	A	E		220	160	280	20						
CBL	Central West	W	E		480	400	560	0		91	9			
CBL	Central West	W	M		1260	920	1600	120						
DUB	Central West	L	M		0	0	0	0						
DUB	Central West	W	M		0	0	0	0						
DUB	Central West	W	M		20	0	40	0						
DUB	Central West	A	E		44	0	120	0						
DUB	Central West	H	M		60	0	120	80						
DUB	Central West	A	E		140	0	1040	0	100					
DUB	Central West	M	M		200	40	360	0						
DUB	Central West	H	E		216	0	400	24						
DUB	Central West	A	E		320	320	320	0	3	92	5			
DUB	Central West	A	E		340	200	480	20	23	36	36			5
DUB	Central West	A	E		340	280	400	0		87	10			3
DUB	Central West	A	E		720	720	720	0	33	54	11			2
DUB	Central West	H	E		860	280	1440	0	99	1				
DUB	Central West	A	E		1076	0	2960	0	67	32	1			
DUB	Central West	A	E		1140	720	1560	0						
DUB	Central West	A	E		1360	1240	1480	0	92	5	2			1
DUB	Central West	A	E		1828	200	5880	0	98		1			1
NYN	Central West	L	M		1000	840	1160	40		100				
	Central West	H	E		20	0	40	0						
	Central West	W	M		32	0	280	4						
	Central West	W	M		60	0	120	0						
	Central West	M	M		224	0	1040	8	1	84	8			7
	Central West	W	M		1520	1160	1880	0		100				
GUN	Hume	A	E		68	0	200	0						0
HUM	Hume	W	M		0	0	0	0						0
HUM	Hume	M	E		52	0	160	0						
HUM	Hume	M	M		136	0	440	0		76	3			21
HUM	Hume	W	M		200	40	360	0						
HUM	Hume	A	E		372	0	800	0						
HUM	Hume	A	E		1248	120	2280	6	48	29				17
CON	Lachlan	W	E		0	0	0	0						

LHPA=Livestock Health and Pest Authority

O=Ostertagia(Teladorsagia) circumcincta=small brown stomach worm

C=Cooperia sp=small intestinal worm

Oes=Oesophagostom (most commonly Oes columbianum)=large intestinal worm

Menangle, Oct 2010

CON	Lachlan			120	80	160	0										
CON	Lachlan	A	E	252	0	1280	0		85	18							
CON	Lachlan	W	M	440	280	600	0										
FOR	Lachlan	W	M	0	0	0	0										
FOR	Lachlan	A	E	0	0	0	0										
FOR	Lachlan	W	M	40	0	80	20										
FOR	Lachlan	M	M	140	40	240	0										
FOR	Lachlan	L	R	1040	920	1160	80										
FOR	Lachlan	W	M	1256	40	4720			45	55					0		0
YOU	Lachlan	M	M	0	0	0	0										
YOU	Lachlan	A	E	20	0	40	0										
YOU	Lachlan	A	E	40	0	80	0										
YOU	Lachlan	A	E	40	40	40	0										
YOU	Lachlan	H	E	88	0	360	4										
YOU	Lachlan	M	M	120	80	160	20										
YOU	Lachlan	M	E	120	80	100	40	56	40	3	1						
YOU	Lachlan	M	E	132	0	520	0	10	73	9					8		
YOU	Lachlan	L	M	292	0	1480	132		62	38							
YOU	Lachlan	A	E	320	240	400	0										
YOU	Lachlan	M	M	340	280	400	0										
YOU	Lachlan	L	M	380	80	680	40										
YOU	Lachlan	W	M	420	240	600	0		96	2					2		
YOU	Lachlan	M	M	464	0	1360	4		47	44					9		
YOU	Lachlan	L	M	500	440	560	160										
YOU	Lachlan	M	E	696	120	1840	0		36	60					4		
YOU	Lachlan	A	M	880	760	1000	0		66	31					3		
YOU	Lachlan	M	E	1040	120	3200	0		58	33	3				6		
	Lachlan	W	W	20	0	40	0										
	Lachlan	A	E	152	0	1240	0		100								
	Lachlan	M	M	464	0	1520	24	59	39	1					1		
	Lachlan	W	E	896	0	3120	16		89	10					1		
	Lachlan	W	M	5984	1240	11440	136		98	2							
GRA	North Coast	L	M	4	0	40	0										
GRA	North Coast	M	E	40	0	160	0										
WAL	North West	M	E	416	0	1840	0	71	21	6					2		
NAR	Riverina	H	E	0	0	0	0										
RIV	Riverina	A	E	0	0	0	0										
RIV	Riverina	M	W	112	0	560	0		90	9					1		
RIV	Riverina	M	E	192	0	760	0		77	23							
RIV	Riverina	H	E	340	0	1160	0		24	75					1		
BOM	South East	A	E	40	40	40	0										
BOM	South East	M	M	60	0	120	0										
BOM	South East	A	W	200	120	280	0										
BRA	South East	A	E	0	0	0	0										
BRA	South East	A	E	160	120	200	0	50	19	24					7		
BRA	South East	A	E	488	40	1480	0									0	0
BRA	South East	A	E	556	0	1200	4		67	33							
BRA	South East	L	M	800	800	800	40	22	15	57	6						
BRA	South East	M	E	4300	3120	5480	20	85	8	5					2		
CMA	South East	A	E	4520	3960	5080	0									0	0
	South East	A	M	56	0	200	28										
CTL	Tablelands	M	M	20	0	40	8										
CTL	Tablelands	A	E	64	0	120	0										
CTL	Tablelands	M	E	144	0	480	8										
CTL	Tablelands	M	M	248	0	520	4										
CTL	Tablelands	H	E	291	40	960	11									0	
CTL	Tablelands	A	E	304	0	1160	0										
CTL	Tablelands	A	M	560	0	2840	0	21	72	4					3		
CTL	Tablelands	A	E	608	40	1320	0	1	36	55					8		
GOU	Tablelands			320	120	520	0										
GOU	Tablelands	A	E	820	400	1240	0		56	41					3	9	13
MOL	Tablelands	A	E	24	0	80	0										
MOL	Tablelands	W	M	32	0	120	0										
	Tablelands	A	W	0	0	0	0										
	Tablelands	H	M	228	0	1160	0										
	Tablelands	M	M	336	400	720	4	69	18	6	1	6			0		0

EPG=eggs per gram of faeces

H=Haemonchus contortus=barber's pole worm

T=Trichostrongylus sp=black scour worm

Nematodirus-thin-necked intestinal worm

Fluke=liver fluke=Fasciola hepatica

Area	Age	Sex	Strong Avg	Strong Min	Strong Max	Cul H	Cul T	Cul Ost	Cul C	Cul Oes	Liver Fluke	Stomach Fluke	Nemat Avg	Nemat Min	Nemat Max
ARMIDALE	n/a	Ewes	0	0	0								0	0	0
ARMIDALE	n/a	Ewes & lambs	0	0	0								0	0	0
ARMIDALE	n/a	Mixed sex	4	0	40								0	0	0
ARMIDALE	n/a	Mixed sex	4	0	40								0	0	0
ARMIDALE	n/a	Wethers	12	0	40								0	0	0
ARMIDALE	n/a	Ewes	12	0	80								0	0	0
ARMIDALE	n/a	Lambs	12	0	40								0	0	0
ARMIDALE	n/a	Ewes	20	0	160								0	0	0
ARMIDALE	n/a	Weaners	48	0	240	87	10	3	0	0			0	0	0
ARMIDALE	n/a	Weaners	48	0	120	40	44	13	3	0			0	0	0
ARMIDALE	n/a	Ewes	52	0	120								0	0	0
ARMIDALE	n/a	Weaners	56	0	120	0	33	67	0	0			0	0	0
ARMIDALE	n/a	Ewes	68	0	200								0	0	0
ARMIDALE	n/a	Ewes	68	0	200								0	0	0
ARMIDALE	n/a	Ewes	108	0	440	22	71	7	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	140	80	200	0	93	7	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	156	0	1240								0	0	0
ARMIDALE	n/a	Ewes	160	0	480								0	0	0
ARMIDALE	n/a	Ewes	168	0	1040	96	3	0	1	0	0	0	4	0	40
ARMIDALE	n/a	Weaners	172	0	640								0	0	0
ARMIDALE	n/a	Wethers	192	0	680								0	0	0
ARMIDALE	n/a	Wethers	200	0	440	66	31	0	0	3			12	0	80
ARMIDALE	n/a	Wethers	256	80	400	54	37	8	0	1			4	0	40
ARMIDALE	n/a	Hoggets	276	80	440	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	280	0	480	33	61	6	0	0			8	0	80
ARMIDALE	n/a	Ewes	308	0	1760								0	0	0
ARMIDALE	n/a	Ewes	312	0	840	52	43	4	0	1			0	0	0
ARMIDALE	n/a	Hoggets	320	0	520	3	66	22	9	0			12	0	80
ARMIDALE	n/a	Rams	324	0	1000	3	92	5	0	0			0	0	8
ARMIDALE	n/a	Wethers	332	0	840	11	89	0	0	0			0	0	0
ARMIDALE	n/a		360	0	1160								0	0	0
ARMIDALE	n/a	Mixed sex	388	0	1080								0	0	0
ARMIDALE	n/a	Ewes	404	0	1160	26	67	2	0	5			0	0	0
ARMIDALE	n/a	Ewes	408	0	1960	16	80	4	0	0			0	0	0
ARMIDALE	n/a	Weaners	420	0	1480	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	428	0	2120	95	5	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	444	160	760	37	46	12	5	0			48	0	160
ARMIDALE	n/a	Ewes	464	120	880								0	0	0
ARMIDALE	n/a	Wethers	464	0	1600	1	97	1	0	1	0		0	0	0
ARMIDALE	n/a	Ewes	528	40	1960								0	0	0
ARMIDALE	n/a	Wethers	528	120	2000	3	84	8	0	5	0	6	0	0	0
ARMIDALE	n/a	Hoggets	536	0	1640	60	40	0	0	0	0		8	0	40
ARMIDALE	n/a	Rams	592	0	1440								32	0	120
ARMIDALE	n/a	Rams	609	0	1320	0	99	1	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	616	440	1040	84	12	4	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	624	160	1560	73	4	0	0	0			0	0	40
ARMIDALE	n/a	Ewes	656	40	2960	60	33	7	0	0	6		4	0	40
ARMIDALE	n/a	Ewes	664	80	1760	3	87	8	0	2			4	0	40
ARMIDALE	n/a	Ewes	744	0	1880	81	13	6	0	0	1		0	0	0
ARMIDALE	n/a	Hoggets	752	0	3480	95	4	1	0	0			8	0	40
ARMIDALE	n/a	Hoggets	792	240	1720	20	79	1	0	0			20	0	80
ARMIDALE	n/a	Ewes	812	0	4800								0	0	0
ARMIDALE	n/a	Wethers	828	40	2080	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1320	400	2320	15	85	0	0	0	8		12	0	80
ARMIDALE	n/a	Ewes	1604	0	5240	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	1628	200	5800	2	93	4	1	0			12	0	80
ARMIDALE	n/a	Ewes	1708	80	3480	96	0	4	0	0	0		0	0	0
ARMIDALE	n/a	Rams	1852	720	3320								0	0	0
ARMIDALE	n/a	Hoggets	1860	120	6840	96	4	0	0	0			44	0	240
ARMIDALE	n/a	Wethers	2172	640	7840	0	99	0	0	1			0	0	0
CENTRAL TABLELANDS	n/a	Ewes	60	0	60	0	52	48	0	0			0	0	0
CENTRAL TABLELANDS	n/a	Weaners	344	0	1200	11	85	3	0	1			12	0	80
CONDOBOLIN	n/a	Ewes	72	0	400	0	98	2	0	0			0	0	0
COOMA	n/a	Ewes	408	40	1360	37	37	26	0	0			0	0	0
COONABARABRAN	n/a	Wethers	140	0	240	91	6	3	0	0			0	0	0
COONABARABRAN	n/a	Wethers	144	0	400	25	73	2	0	0			0	0	0
COONABARABRAN	n/a	Weaners	196	0	400	24	26	50	0	0			0	0	0
COONABARABRAN	n/a	Ewes	256	0	960	28	63	7	2	0			0	0	0
COONABARABRAN	n/a	Ewes	316	0	1080	23	49	28	0	0			0	0	0
COONABARABRAN	n/a	Wethers	728	0	1920	82	18	0	0	0			0	0	0
COONAMBLE	n/a	Ewes	4	0	40								0	0	0
COONAMBLE	n/a		20	0	160								0	0	0
COONAMBLE	n/a	Ewes	100	0	400	53	43	4	0	0			0	0	0
DUBBO	n/a	Ewes	40	0	120	0	85	12	0	3			0	0	0
FORBES	n/a	Ewes	160	0	440	0	72	28	0	0			0	0	0
GUNDAGAI	n/a		180	0	560	0	93	7	0	0			40	0	160
HAY	n/a	Ewes	756	0	2000	0	93	7	0	0			0	0	0
MOCLONG	n/a	Ewes & lambs	432	0	1280	78	14	8	0	0			16	0	40
MOREE	n/a	Weaners	4	0	40								0	0	0
MOREE	n/a	Ewes & lambs	288	0	960	64	36	0	0	0			0	0	0
MOSS VALE	n/a	Ewes	4	0	40								0	0	0
MOSS VALE	n/a	Weaners	16	0	80	0	60	40	0	0			0	0	0
MOSS VALE	n/a	Weaners	940	200	1880	0	19	81	0	0			0	0	0
MUDGE	n/a		8	0	40								0	0	0
MUDGE	n/a		16	0	80								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	4	0	40								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	8	0	80						1		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	16	0	120	0	85	15	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	28	0	120								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	48	0	320	15	78	7	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	107	0	360	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	184	0	400	8	81	2	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	188	0	880	100	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	188	0	600	32	61	7	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	376	0	1520	34	49	17	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Hoggets	392	0	1360	75	22	0	3	0			8	0	80
NORTHERN NEW ENGLAND	n/a	Ewes	468	0	1480								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	540	40	2000	86	4	9	0	1			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	580	80	1240								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	668	0	2640	93	7	0	0	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Ewes	796	0	2240	66	34	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	912	120	1720	63	33	3	1	0			20	0	80
NORTHERN NEW ENGLAND	n/a	Ewes	1348	0	5320								0	0	0
NORTHERN SLOPES	n/a	Ewes & lambs	352	0	920	24	70	3	3	0	0		0	0	0
TAMWORTH	n/a	Ewes	32	0	120	52	48	0	0	0			0	0	0
TAMWORTH	n/a	Ewes	40	0	120								0	0	0
TAMWORTH	n/a	Ewes	176	0	480	87	10	3	0	0			0	0	0
TAMWORTH	n/a	Ewes	200	0	760	91	8	1	0	0			4	0	40
TAMWORTH	n/a	Ewes	220	0	1240								0	0	0
TAMWORTH	n/a	Wethers	256	40	720	89	7	2	2	0			0	0	0
TAMWORTH	n/a	Ewes & lambs	272	0	840								0	0	0
TAMWORTH	n/a	Weaners	988	0	3080	52	45	0	0	3			8	0	80
TWEED-LISMORE	n/a	Ewes	24	0	160							0	0	0	0
TWEED-LISMORE	n/a	Hoggets	244	0	680	0	95	3	0	2	0		20	0	80
WALGETT	n/a	Ewes & lambs	8	0	80								0	0	0
YASS	n/a	Weaners	0	0	0							0	0	0	0
YASS	n/a	Ewes	12	0											

Area	Age	Sex	Strong Avg	Strong Min	Strong Max	Cul H	Cul T	Cul Ost	Cul C	Cul Oes	Liver Fluke	Stomach Fluke	Nemat Avg	Nemat Min	Nemat Max
ARMIDALE	n/a	Ewes	0	0	0	2	0	0	0	98	0		0	0	0
ARMIDALE	n/a	Wethers	0	0	0								0	0	0
ARMIDALE	n/a	Mixed sex	0	0	0								0	0	0
ARMIDALE	n/a	Weaners	0	0	0	0	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	0	0	0								0	0	0
ARMIDALE	n/a	Mixed sex	24	0	120								0	0	0
ARMIDALE	n/a	Hoggets	28	0	80								0	0	0
ARMIDALE	n/a	Ewes & lambs	40	0	240	64	25	10	0	1			0	0	0
ARMIDALE	n/a	Ewes	40	80	60	60	40	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	60	0	600						0		0	0	0
ARMIDALE	n/a	Weaners	76	0	760	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Mixed sex	76	0	480	3	97	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	76	0	560								0	0	0
ARMIDALE	n/a	Ewes	80	0	760	4	90	4	2	0			12	0	80
ARMIDALE	n/a	Weaners	92	0	240								0	0	0
ARMIDALE	n/a	Ewes	108	0	720								0	0	0
ARMIDALE	n/a	Ewes	132	0	440	0	91	9	0	0	0		0	0	0
ARMIDALE	n/a	Hoggets	140	40	200								0	0	0
ARMIDALE	n/a		168	0	520								0	0	0
ARMIDALE	n/a	Ewes	170	80	320	10	90	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	170	320	80	63	35	0	2	0			0	0	0
ARMIDALE	n/a	Ewes & lambs	172	0	1000								0	0	0
ARMIDALE	n/a	Ewes	180	40	560	0	78	22	0	0	0		0	0	0 Strong = strongyle egg count
ARMIDALE	n/a	Ewes	196	0	640								0	0	0
ARMIDALE	n/a	Ewes	196	820	0	76	11	13	0	0			0	0	0
ARMIDALE	n/a	Hoggets	212	0	360								8	0	40
ARMIDALE	n/a	Ewes	212	0	840								0	0	0
ARMIDALE	n/a	Weaners	212	0	360								0	0	0
ARMIDALE	n/a	Hoggets	220	160	280								0	0	0
ARMIDALE	n/a		240	0	640	87	13	0	0	0			0	0	0
ARMIDALE	n/a	Hoggets	244	0	480	0	98	2	0	0			0	0	0
ARMIDALE	n/a	Ewes	244	80	480								0	0	0
ARMIDALE	n/a	Ewes	260	0	840								0	0	0
ARMIDALE	n/a	Mixed sex	264	0	840								0	0	0
ARMIDALE	n/a	Ewes & lambs	264	80	800								16	0	80
ARMIDALE	n/a	Weaners	268	0	640						0		0	0	0
ARMIDALE	n/a	Ewes	276	0	680								0	0	0
ARMIDALE	n/a	Mixed sex	280	0	880								0	0	0
ARMIDALE	n/a	Ewes & lambs	280	200	360								0	0	0
ARMIDALE	n/a	Ewes	296	0	1120								0	0	0
ARMIDALE	n/a	Weaners	308	0	1560						0		12	0	120
ARMIDALE	n/a	Rams	312	80	1120								0	0	0
ARMIDALE	n/a	Mixed sex	312	0	1720								0	0	0
ARMIDALE	n/a	Wethers	316	0	960								0	0	0
ARMIDALE	n/a	Weaners	332	0	760	64	27	9	0	0			4	0	40
ARMIDALE	n/a	Ewes	360	0	1240						0		0	0	0
ARMIDALE	n/a	Hoggets	364	40	880								0	0	0
ARMIDALE	n/a	Rams	388	80	720	10	67	19	0	4			0	0	0 Oes=Oesophagostomum (probably venulosum) large intestinal worm
ARMIDALE	n/a	Wethers	400	40	800	13	76	7	0	4			8	0	40
ARMIDALE	n/a	Weaners	400	120	400								0	0	0
ARMIDALE	n/a	Ewes & lambs	404	40	1960	48	36	16	0	0			0	0	0 O1=Trichostrongylus black scour worm
ARMIDALE	n/a	Weaners	420	40	1160								28	0	80
ARMIDALE	n/a	Ewes	480	320	640	98	2	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	520	0	1280	62	0	1	0	0		0	56	0	120
ARMIDALE	n/a	Ewes	520	80	1440	33	57	2	8	0		0	0	0	0
ARMIDALE	n/a	Ewes	544	0	1760	5	87	6	2	0			0	0	0
ARMIDALE	n/a	Ewes	600	400	840	93	6	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	40	1320	88	8	0	8	16	0			0	0	0
ARMIDALE	n/a	Hoggets	632	120	1000	88	9	3	0	0			12	0	120
ARMIDALE	n/a	Weaners	652	80	2280	100	0	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	664	40	1680	83	15	2	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	672	40	3160	98	2	0	0	0		0	0	0	0
ARMIDALE	n/a	Ewes	680	400	920	96	3	0	1	0			0	0	0
ARMIDALE	n/a	Rams	764	120	3400	12	88	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	784	320	1360	4	95	1	0	0			0	0	0
ARMIDALE	n/a	Ewes & lambs	828	0	2600	3	83	14	0	0			0	0	0
ARMIDALE	n/a	Ewes	828	0	2280	95	5	0	0	0			0	0	0
ARMIDALE	n/a	Ewes & lambs	840	120	2600	93	3	4	0	0		1	0	0	0
ARMIDALE	n/a	Rams	868	200	3160	77	22	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	910	800	1120	94	6	0	0	0			0	0	0
ARMIDALE	n/a	Wethers	940	1200	95	5	0	0	0	0			10	0	0
ARMIDALE	n/a	Ewes	970	240	1640	95	4	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	1120	80	5360	70	30	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1160	840	1400	93	7	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1160	800	1520	94	5	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1262	560	2960	7	90	3	0	0			0	0	0
ARMIDALE	n/a	Ewes	1370	1240	1440	95	4	1	0	0			0	0	0
ARMIDALE	n/a	Hoggets	1372	680	2320	100	0	0	0	0			0	0	0 Nemat=Nematodirus (a necked intestinal worm)
ARMIDALE	n/a	Ewes	1372	0	6640	4	1	0	0	0		3	46	440	440
ARMIDALE	n/a	Hoggets	1610	1400	1880	84	16	0	0	0			0	0	0
ARMIDALE	n/a	Weaners	2196	120	4880	89	9	0	2	0			0	0	0
CONDOROLIN	n/a	Ewes	336	0	1400	0	99	1	0	0			0	0	0
COOMA	n/a	Wethers	80	0	280	0	20	80	0	0			0	0	0
COOMA	n/a	Wethers	244	120	480	37	28	35	0	0			128	0	760
COOMA	n/a	Wethers	348	0	760	90	10	0	0	0			0	0	0
COONABARABRAN	n/a	Ewes	0	0	0	100	0	0	0	0			0	0	0
COONABARABRAN	n/a	Ewes	44	0	200	0	100	0	0	0			0	0	0
COONABARABRAN	n/a	Ewes	44	0	200	0	0	0	0	0			0	0	0
COONABARABRAN	n/a	Ewes	64	0	200								0	0	0
COONABARABRAN	n/a	Ewes	80	0	440	100	0	0	0	0			0	0	0
COONABARABRAN	n/a	Ewes	480	0	2040	91	8	1	0	0			28	0	160
COONABARABRAN	n/a	Ewes	586	40	2600								12	0	40
COONABARABRAN	n/a	Lambs	1100	360	1720	75	7	18	0	0			4	0	40
COONABARABRAN	n/a	Ewes & lambs	1980	160	6320	60	32	8	0	0			32	0	120
DUBBO	n/a	Weaners	4	0	40								12	0	120
GOULBURN	n/a	Lambs	20	0	120								160	0	560
GOULBURN	n/a	Lambs	124	0	320								40	0	200
GOULBURN	n/a	Ewes	348	0	1160						0		0	0	0
GUNDAGAI	n/a	Weaners	0	0	0	0	0	0	0	0			0	0	0
GUNDAGAI	n/a	Weaners	0	0	0	0	0	0	0	0			0	0	0
GUNDAGAI	n/a	Weaners	16	0	80	0	0	100	0	0			0	0	0
GUNDAGAI	n/a	Weaners	56	0	320	0	0	100	0	0			0	0	0
GUNDAGAI	n/a	Weaners	132	0	400	0	0	100	0	0			0	0	0
GUNDAGAI	n/a	Weaners	156	0	680								4	0	40
GUNDAGAI	n/a	Weaners	228	0	720	0	60	40	0	0			20	0	80
GUNDAGAI	n/a	Weaners	320	40	1000								8	0	40
GUNDAGAI	n/a	Weaners	460	120	1400								0	0	0
HILLSTON	n/a	Wethers	0	0	0								0	0	0
HILLSTON	n/a	Weaners	0	0	0								0	0	0
HILLSTON	n/a	Weaners	5	0	40								0	0	0
HILLSTON	n/a	Weaners	84	0	440	0	65	35	0	0			16	0	40
HILLSTON	n/a	Ewes	128	80	1280								0	0	0
HILLSTON	n/a	Ewes	236	0	1360								0	0	0
HILLSTON	n/a	Weaners	832	80	2320	0	98	2	0	0			4	0	40
HUME	n/a	Wethers	64	0	240	0	85	14	0	1			0	0	0
HUNTER	n/a	Wethers	32	0	240	0	17	51	32	0			0	0	0
HUNTER	n/a	Ewes	1320	40	3000	94	4	2	0	0			0	0	0
MOLONG	n/a	Lambs	168	0	400								0	0	0
MOLONG	n/a	Weaners	628	0	1520	31	6	8	55	0			0	0	0
MOLONG	n/a	Ewes	1464	40	4000								4	0	40
MUDGE	n/a														