



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-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 (March 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.

Data - Orange

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	W	MXD	1888	160	8240											108
MOL	?	?	0	0	0											
MOL	A	E	100	80	120	29	50	21								20
MOL	A	E	220	200	240											60
MOL	A	E	140	80	200											20
MOL	A	E	620	40	2640											4
MOL	A	E	608	80	1160		74	18	8							4
MOL	W	MXD	392	160	680		44	42	14							68
MUD	A	E	0	0	0											
MUD	L	MXD	600	320	880											
MUD	W	MXD	176	40	560											120
MUD	L	MXD	0	0	0											
MUD	L	?	4	0	40											12
MUD	A	E	220	160	280	24	49	26			1					
MUD	H	E	200	160	240											
MUD	A	E	0	0	0											
MUD	A	E	0	0	0											
MUD	A	E	0	0	0											
MUD	A	E	360	360	360		48	52								
MUD	A	MXD	0	0	0											
MUD	A	E	856	40	1720	26	54	12	7							4
MUD	W	MXD	8	0	40											24
MUD	MXD	E	0	0	0											
MUD	H	E	12	0	80											
MUD	H	E	1404	800	3160	84	10	5	1							16
MUD	A	E	2108	520	4840	90	7	2	1							
MUD	A&L	E	2428	120	3600	47	36	1	17							40
MUD	A	E	1632	440	3000	45	50	2	3							24
MUD	H	?	1860	1520	2200	81	16	2	1							
MUD	H	E	1076	200	1560	20	73	6	1							60
MUD	A	E	420	280	560	92	2									
MUD	MXD	E	220	0	600											
MUD	H	E	680	600	760	63	29	3	5							
MUD	A	E	140	120	160	41	31	24	4							
MUD	A	W	4560	280	8840											
MUD	A	W	4560	280	8540	80	15		5							
MUD	A	W	620	280	960	77	21	1	1							
MUD	A	W	440	160	720	57	36	1	6							
MUD	A	E	480	200	760	56	27	5	4							
NYN	W	W	0	0	0											40
NYN	W	RAM	0	0	0											40
NYN	W	RAM	20	0	40											20
NYN	W	E	16	0	40											24
NYN	W	E	40	0	80											20
RIV	A	E	160	80	240											
WILCAN	L	W	320	80	480		89	11								40
YASS	W	E	20	0	40		90	9	1							100
YASS	A	E	40	40	40											
YASS	A	E	60	0	120											
YOU	W	MXD	264	0	720											48
YOU	W	MXD	84	0	320											140
YOU	W	MXD	60	40	80											100
YOU	?	?	160	120	200											
YOU	A	E	8	0	40											
YOU	A	E	8	0	80											4
YOU	H	E	4	0	40											24
YOU	A	W	120	40	240											120
YOU	W	MXD	60	40	80											
YOU	A	E	60	40	80											
YOU	W	MXD	20	0	40											200
YOU	W	W	20	0	60											92
YOU	W	MXD	220	40	400											20
YOU	W	MXD	20	0	80											
YOU	A	E	184	0	400		78	17	5							4
YOU	H	E	20	0	40											
YOU	H	E	60	40	80											
YOU	W	?	260	240	280		28	72								20
YOU	A	E	1000	760	1240		82	3	15							20
YOU	A	E	80	80	80											
YOU	W	MXD	84	0	440											36
YOU	W	MXD	40	0	80											200
YOU	H	E	0	0	0											20
YOU	W	MXD	0	0	0											60
YOU	W	MXD	20	0	40											
YOU	A	E	268	0	680											4
YOU	A	E	148	0	360											
YOU	A	E	84	40	160											
YOU	A	E	84	0	160											
YOU	W	E	80	40	120											300
YOU	A	E	20	0	40											
YOU	W	W	40	40	40											140
YOU	A	E	40	40	40											20
YOU	A	E	220	120	320											
YOU	W	W	344	40	640	48	14	33	5							344
YOU	A	E	380	200	560		37	50	13							
YOU	A	E	80	80	80											20
YOU	A	E	160	120	200		65	18	17							
YOU	H	E	508	80	1280		59	36	5							16

Data - VHR

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	1092	320	2400								16	0	80	
ARMIDALE	n/a	Ewes	0	0	0	57	38	5	0	0	3		0	0	0	
ARMIDALE	n/a	Ewes	0	0	0	96	4	0	0	0	2		0	0	0	
ARMIDALE	n/a	Lambs	0	0	0	100	0	0	0	0	0		0	0	0	
ARMIDALE	n/a	Weaners	0	0	0						2		0	0	0	
ARMIDALE	n/a	Ewes	0	0	0						0		0	0	0	
ARMIDALE	n/a	Lambs	0	0	0						0		0	0	0	
ARMIDALE	n/a	Ewes	0	0	0						0		0	0	0	
ARMIDALE	n/a	Ewes	4	0	40	3	90	7	0	0			0	0	0	
ARMIDALE	n/a	Wethers	4	0	40	23	36	41	0	0			0	0	0	
ARMIDALE	n/a	Weaners	4	0	40								0	0	0	
ARMIDALE	n/a	Rams	4	0	40								0	0	0	
ARMIDALE	n/a	Rams	8	0	40								80	0	800	
ARMIDALE	n/a	Lambs	24	0	80								0	0	0	
ARMIDALE	n/a	Ewes & lambs	24	0	120								0	0	0	
ARMIDALE	n/a	Ewes & lambs	24	0	80								0	0	0	
ARMIDALE	n/a	Ewes	24	0	80						3		0	0	0	
ARMIDALE	n/a	Ewes	36	0	120	73	27	0	0	0			0	0	0	
ARMIDALE	n/a	Weaners	44	0	200	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Weaners	44	0	280								0	0	0	
ARMIDALE	n/a	Ewes & lambs	48	0	120	76	7	17	0	0			0	0	0	
ARMIDALE	n/a	Mixed sex	52	0	200	30	65	5	0	0	0		0	0	0	
ARMIDALE	n/a	Weaners	56	0	160	47	46	7	0	0			28	0	80	
ARMIDALE	n/a	Wethers	56	0	200								0	0	0	
ARMIDALE	n/a	Weaners	60	0	200	7	90	3	0	0			0	0	0	
ARMIDALE	n/a	Wethers	64	0	160								0	0	0	
ARMIDALE	n/a	Mixed sex	68	0	320	86	11	1	0	2			0	0	0	
ARMIDALE	n/a	Ewes & lambs	72	0	160								0	0	0	
ARMIDALE	n/a	Ewes	72	0	400								0	0	0	
ARMIDALE	n/a	Wethers	72	0	400								0	0	0	
ARMIDALE	n/a	Ewes & lambs	76	0	240								0	0	0	
ARMIDALE	n/a	Ewes	104	0	520	92	4	4	0	0	0		0	0	0	
ARMIDALE	n/a	Ewes	104	0	520	97	3	0	0	0	0		0	0	0	
ARMIDALE	n/a	Ewes & lambs	104	0	360	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Wethers	108	0	440	95	2	3	0	0			0	0	0	
ARMIDALE	n/a	Ewes	120	0	400	22	68	6	4	0			0	0	0	
ARMIDALE	n/a	Ewes	132	0	400						4		0	0	0	
ARMIDALE	n/a	Ewes	132	0	600								0	0	0	
ARMIDALE	n/a	Ewes	136	0	400	12	73	8	7	0			0	0	0	
ARMIDALE	n/a	Lambs	136	0	600	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	144	80	280	27	73	0	0	0			0	0	0	
ARMIDALE	n/a	Lambs	152	0	760								0	0	0	
ARMIDALE	n/a	Lambs	152	0	640							3		0	0	0
ARMIDALE	n/a	Ewes	164	0	920	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Wethers	168	0	360	80	20	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	168	0	600	85	11	4	0	0			0	0	0	
ARMIDALE	n/a	Ewes	176	0	1160	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	184	0	560							2		0	0	0
ARMIDALE	n/a	Mixed	216	0	920							3		0	0	0
ARMIDALE	n/a	Ewes & lambs	220	0	1560	97	3	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	220	40	560								0	0	0	
ARMIDALE	n/a	Wethers	224	0	520	37	63	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	232	0	720	98	2	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	244	0	1720							4		0	0	0
ARMIDALE	n/a	Mixed sex	248	40	520	70	15	15	0	0			0	0	0	
ARMIDALE	n/a	Ewes	272	0	920	53	47	0	0	0	0		0	0	0	
ARMIDALE	n/a	Ewes & lambs	276	0	640	22	76	2	0	0			0	0	0	
ARMIDALE	n/a	Ewes	288	0	1160	99	0	0	1	0			0	0	0	
ARMIDALE	n/a	Rams	292	0	680	14	82	4	0	0			0	0	0	
ARMIDALE	n/a	Weaners	296	0	2640	0	92	8	0	0			12	0	120	
ARMIDALE	n/a	Wethers	308	0	1080							3		0	0	0
ARMIDALE	n/a	Weaners	316	0	840	47	39	2	12	0			4	0	40	
ARMIDALE	n/a	Ewes	324	0	1000								0	0	0	
ARMIDALE	n/a	Rams	324	0	1320								0	0	0	
ARMIDALE	n/a	Hoggets	328	40	840	57	33	10	0	0			0	0	0	
ARMIDALE	n/a	Ewes	336	40	720	0	89	11	0	0			0	0	0	
ARMIDALE	n/a	Hoggets	344	0	1600								2		0	0
ARMIDALE	n/a	Ewes	356	0	800							4		4	0	40
ARMIDALE	n/a	Ewes & lambs	364	0	1240	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	376	0	1320	4	85	8	3	0			0	0	0	
ARMIDALE	n/a	Ewes	376	0	1120	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	404	0	1320	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Wethers	408	0	2440	100	0	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	424	160	1040	4	80	9	7	0			0	0	0	
ARMIDALE	n/a	Weaners	424	40	1160							4		0	0	0
ARMIDALE	n/a	Weaners	484	0	1840	19	76	5	0	0			12	0	80	
ARMIDALE	n/a	Lambs	512	0	1560	94	6	0	0	0			0	0	0	
ARMIDALE	n/a	Lambs	512	40	2560	97	3	0	0	0			0	0	0	
ARMIDALE	n/a	Ewes	512	0	1000								0	0	0	
ARMIDALE	n/a	Lambs	516	0	1200	0	89	10	1	0			0	0	0	
ARMIDALE	n/a	Weaners	520	40	1120	28	49	22	0	1			20	0	40	
ARMIDALE	n/a	Hoggets	520	0	1200	67	28	3	2	0			4	0	40	
ARMIDALE	n/a	Mixed	520	0	1120	91	2	6	1	0			4	0	40	
ARMIDALE	n/a	Ewes	536	0	1160	33	57	4	6	0			0	0	0	
ARMIDALE	n/a	Ewes	548	0	4240	2	93	5	0	0			0	0	0	
ARMIDALE	n/a	Ewes	548	0	1560	45	51	4	0	0			0	0	0	
ARMIDALE	n/a	Ewes & lambs	564	0	1840	95	1	0	0	4			0	0	0	

Data - VHR

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
CENTRAL TABLELANDS	n/a	Weaners	56	0	240	62	34	4	0	0	0	0	36	0	120
CENTRAL TABLELANDS	n/a	Weaners	116	0	400	10	44	46	0	0	0	0	20	0	80
CENTRAL TABLELANDS	n/a	Ewes	180	0	960	0	56	5	39	0	0	0	0	0	0
CENTRAL TABLELANDS	n/a	Lambs	836	280	1480	0	81	9	10	0	0	0	76	0	320
CENTRAL TABLELANDS	n/a	Hoggets	17600	80	840	1	62	5	32	0	0	0	800	0	200
COOMA	n/a	Weaners	40	0	240	0	53	47	0	0	0	0	84	0	440
COONABARABRAN	n/a	Weaners	64	0	200	18	51	31	0	0	0	0	32	0	80
COONABARABRAN	n/a	Ewes	144	0	480	0	0	0	0	0	0	0	8	0	40
COONABARABRAN	n/a	Wethers	148	0	520	4	93	3	0	0	0	0	0	0	0
COONABARABRAN	n/a	Weaners	256	0	1000	72	24	4	0	0	0	0	60	0	240
COONABARABRAN	n/a	Ewes	588	40	1760	2	79	19	0	0	0	0	0	0	0
COONABARABRAN	n/a	Weaners	628	0	3840	81	17	2	0	0	0	0	72	0	240
COONAMBLE	n/a	Ewes	180	0	560	0	74	26	0	0	0	0	4	0	40
FORBES	n/a	Ewes	0	0	0	0	0	0	0	0	0	0	4	0	40
GOULBURN	n/a	Lambs	184	0	560	49	10	35	6	0	0	0	160	0	400
GRAFTON	n/a	Weaners	572	0	2400	92	8	0	0	0	0	0	0	0	0
GRAFTON	n/a	Weaners	1048	0	4440	0	0	0	0	0	0	0	0	0	0
GRAFTON	n/a	Weaners	1320	0	6560	0	0	0	0	0	0	0	0	0	0
HILLSTON	n/a	Weaners	16	0	80	0	0	0	0	0	0	0	8	0	80
HILLSTON	n/a	Ewes	100	0	240	84	15	1	0	0	0	0	0	0	0
HILLSTON	n/a	Ewes	188	40	440	85	8	4	3	0	0	0	36	0	160
HILLSTON	n/a	Weaners	200	0	920	0	94	6	0	0	0	0	36	0	120
HUME	n/a	Ewes	12	0	80	0	87	8	5	0	0	0	0	0	0
HUME	n/a	Ewes	16	0	120	0	77	23	0	0	0	0	12	0	120
HUME	n/a	Weaners	16	0	80	79	13	7	0	1	0	0	48	0	200
HUME	n/a	Ewes	24	0	80	0	79	21	0	0	0	0	4	0	40
HUME	n/a	Ewes	44	0	80	62	23	12	3	0	0	0	0	0	0
HUME	n/a	Ewes	60	0	440	0	8	87	5	0	0	0	0	0	0
HUME	n/a	Ewes	232	40	600	43	34	21	2	0	0	0	0	0	0
HUME	n/a	Ewes	336	40	680	20	19	55	6	0	0	0	8	0	40
HUME	n/a	Weaners	592	0	3440	97	0	3	0	0	0	0	0	0	0
HUNTER	n/a	Hoggets	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNTER	n/a	Ewes	292	0	1320	100	0	0	0	0	0	0	0	0	0
HUNTER	n/a	Lambs	452	0	1600	91	7	2	0	0	0	0	64	0	280
HUNTER	n/a	Hoggets	2292	0	5400	100	0	0	0	0	0	0	4	0	40
MOLONG	n/a	Lambs	6080	0	520	0	35	65	0	0	0	0	2720	0	360
MOREE	n/a	Lambs	0	0	0	0	0	0	0	0	0	0	0	0	0
MOREE	n/a	Ewes	32	0	240	100	0	0	0	0	0	0	0	0	0
MUDGEY	n/a	Lambs	8	0	40	85	15	0	0	0	0	0	4	0	40
MUDGEY	n/a	Ewes	1392	40	5240	80	7	2	11	0	0	0	0	0	0
MUDGEY	n/a	Lambs	0	0	0	0	0	0	0	0	0	0	0	0	0
NARRABRI	n/a	Ewes	28	0	80	0	0	0	0	0	0	0	8	0	80
NARRABRI	n/a	Ewes	44	0	120	87	8	4	1	0	0	0	4	0	40
NARRABRI	n/a	Ewes	76	0	360	96	1	0	3	0	0	0	32	0	160
NARRABRI	n/a	Mixed	92	0	520	100	0	0	0	0	0	0	16	0	80
NARRABRI	n/a	Ewes	288	40	480	88	7	2	3	0	0	0	32	0	160
NARRABRI	n/a	Ewes	716	0	1840	100	0	0	0	0	0	0	36	0	280
NARRABRI	n/a	Ewes	1348	0	3880	89	11	0	0	0	0	0	4	0	40
NARRABRI	n/a	Weaners	3016	80	7480	98	2	0	0	0	0	0	12	0	40
NORTHERN NEW ENGLAND	n/a	Lambs	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	36	0	120	25	33	11	31	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	36	0	120	83	6	9	2	0	0	2	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	36	0	80	0	0	0	0	0	0	2	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	40	0	240	0	100	0	0	0	0	3	12	0	80
NORTHERN NEW ENGLAND	n/a	Lambs	48	0	160	46	51	3	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	112	80	120	12	66	22	0	0	0	3	0	0	0
NORTHERN NEW ENGLAND	n/a	Rams	132	0	840	67	33	0	0	0	0	2	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	184	0	880	97	3	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	208	0	720	22	39	1	38	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	296	0	2160	100	0	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	356	40	880	98	2	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed sex	360	0	1480	5	93	2	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	684	0	1960	0	0	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	884	0	1400	83	15	2	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	888	0	3680	100	0	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	1176	160	2920	42	52	4	2	0	0	4	0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1192	320	4160	44	56	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1248	240	2160	52	44	4	0	0	0	0	4	0	40
NORTHERN NEW ENGLAND	n/a	Lambs	1272	0	6400	100	0	0	0	0	0	0	4	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	1488	0	9400	97	3	0	0	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1640	0	5680	99	1	0	0	0	0	3	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1668	200	3560	68	32	0	0	0	0	0	8	0	80
NORTHERN NEW ENGLAND	n/a	Lambs	2260	0	7400	89	0	4	7	0	0	3	0	0	0

Data - VHR

EX			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	Weaners	2956	880	5200	92	8	0	0	0			12	0	120	
NORTHERN NEW ENGLAND	n/a	Ewes	3412	0	12920	91	9	0	0	0			0	0	0	
NORTHERN NEW ENGLAND	n/a	Weaners	3800	40	7920	95	5	0	0	0	2		12	0	120	
NORTHERN NEW ENGLAND	n/a	Ewes	4044	1480	9320	95	5	0	0	0	2		0	0	0	
NORTHERN NEW ENGLAND	n/a		4160	0	320	0	98	2	0	0	5		0	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	4724	360	16480	93	7	0	0	0	2		0	0	0	
NORTHERN NEW ENGLAND	n/a	Weaners	6308	0	16800	89	11	0	0	0	2		8	0	40	
NORTHERN NEW ENGLAND	n/a		6933	560	35080	96	4	0	0	0	3		0	0	0	
NORTHERN SLOPES	n/a	Ewes	532	0	1480	100	0	0	0	0	0		0	0	0	
NORTHERN SLOPES	n/a	Lambs	663	0	2440	95	2	0	3	0	0		0	0	0	
NORTHERN SLOPES	n/a	Ewes	1700	0	5840	94	5	1	0	0	0		8	0	40	
TAMWORTH	n/a	Ewes	0	0	0									0	0	0
TAMWORTH	n/a	Lambs	0	0	0									0	0	0
TAMWORTH	n/a	Ewes & lambs	32	0	120									0	0	0
TAMWORTH	n/a	Lambs	72	0	200	0	79	21	0	0				0	0	0
TAMWORTH	n/a	Ewes & lambs	72	0	200									0	0	0
TAMWORTH	n/a	Ewes	72	0	360									0	0	0
TAMWORTH	n/a	Ewes & lambs	76	0	360									0	0	0
TAMWORTH	n/a	Lambs	360	0	680									0	0	0
TAMWORTH	n/a	Ewes	440	0	1560	34	58	8	0	0				0	0	0
TAMWORTH	n/a	Ewes	700	120	1080									4	0	40
TAMWORTH	n/a	Lambs	736	200	1560	84	15	0	0	1			12	0	40	
TAMWORTH	n/a	Rams	920	160	2600	28	62	10	0	0			28	0	120	
TAMWORTH	n/a	Ewes	1152	0	2320									4	0	40
TAMWORTH	n/a	Lambs	1536	160	3560	96	4	0	0	0			20	0	120	
WALGETT	n/a	Weaners	4	0	40									8	0	40
YASS	n/a	Ewes	36	0	120									0	0	0
YASS	n/a	Ewes	60	0	160									0	0	0
YASS	n/a	Ewes	80	0	240									16	0	160
YASS	n/a	Ewes	152	0	280	21	46	19	14	0	0			0	0	0
YASS	n/a	Weaners	164	0	440									104	0	480
YASS	n/a	Ewes	252	0	560	0	30	32	38	0	0			0	0	0