



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

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* 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 Tablelar	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-Merriw:	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 (October 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
ARMIDALE	n/a	Wethers	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	0	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	0
ARMIDALE	n/a	Mixed	0	0	0	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	0	0	0	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	4	0	40	0	84	16	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	4	0	40	0	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	4	0	40	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	24	0	80	3	90	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	32	0	200	0	98	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	32	0	120	0	16	0	0	84	0	0	0	0	0
ARMIDALE	n/a	Wethers	40	0	160	15	80	5	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	60	0	200	0	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	64	0	400	0	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	64	0	160	0	98	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	80	0	520	0	98	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	88	0	400	49	34	13	4	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	96	0	480	94	2	1	3	0	0	0	20	0	200
ARMIDALE	n/a	Hoggets	116	0	240	0	0	0	0	100	0	0	0	0	0
ARMIDALE	n/a	Weaners	120	0	320	0	96	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	148	0	600	84	3	0	13	0	0	0	0	0	0
ARMIDALE	n/a	Mixed sex	148	0	1320	84	7	3	6	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	152	40	280	0	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	152	0	680	10	6	9	8	67	0	0	20	0	80
ARMIDALE	n/a	Mixed sex	164	0	480	0	85	0	15	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	180	0	400	0	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	188	40	400	0	92	8	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	188	0	760	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Rams	216	0	440	86	14	0	0	0	0	0	8	0	80
ARMIDALE	n/a	Wethers	216	0	440	98	1	0	1	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	220	0	560	0	87	13	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	228	0	1680	37	6	2	48	7	0	0	4	0	40
ARMIDALE	n/a	Weaners	252	40	520	23	69	8	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	256	0	920	0	92	8	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	268	40	760	61	39	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Mixed sex	272	0	760	57	34	2	7	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	280	0	1040	0	85	8	7	0	0	0	8	0	80
ARMIDALE	n/a	Ewes	280	160	400	34	38	26	2	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	280	0	1160	38	42	14	6	0	13	0	0	0	0
ARMIDALE	n/a	Wethers	284	0	1000	92	6	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	304	0	1040	70	24	6	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	312	0	1040	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	364	80	680	59	35	6	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	388	120	680	54	44	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	392	120	960	20	34	3	43	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	396	0	1040	30	70	0	0	0	0	0	0	0	0
ARMIDALE	n/a		408	0	1160						4	0	4	0	40
ARMIDALE	n/a	Hoggets	424	40	1840	87	10	3	0	0	0	0	8	0	40
ARMIDALE	n/a	Hoggets	436	80	1280	18	59	10	12	1	0	0	4	0	40
ARMIDALE	n/a	Rams	440	0	3480	99	0	0	1	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	484	80	1720	13	63	24	0	0	0	0	36	0	160
ARMIDALE	n/a	Wethers	484	80	1600	34	41	2	23	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	504	80	1480	26	62	7	4	1	0	0	0	0	0
ARMIDALE	n/a		508	40	1240	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	536	0	1120	78	21	1	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	544	80	1200	64	10	4	18	4	0	0	0	0	0
ARMIDALE	n/a	Weaners	556	120	1520	45	47	7	1	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	556	0	3080	75	11	9	5	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	564	200	1040	34	50	3	0	13	0	0	0	0	0
ARMIDALE	n/a	Wethers	576	0	1680	70	26	2	2	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	588	80	1800	8	83	4	5	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	656	0	2440	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	660	0	2000	97	3	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	680	0	2640	0	98	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	680	120	1320	15	79	6	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	696	320	1200	68	18	8	6	0	0	0	12	0	120
ARMIDALE	n/a	Weaners	704	0	1680	0	93	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	708	120	1880	93	4	1	2	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	716	280	1840	5	95	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	740	80	1960	99	0	1	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	858	80	4320	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	924	400	1640	4	91	5	0	0	0	0	40	0	200
ARMIDALE	n/a	Weaners	936	320	1920	7	83	7	3	0	0	0	24	0	80
ARMIDALE	n/a	Weaners	996	0	4040	0	93	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1016	200	1960	0	89	9	2	0	0	0	4	0	40
ARMIDALE	n/a	Hoggets	1016	120	3520	14	80	3	2	1	0	0	0	0	0
ARMIDALE	n/a	Weaners	1120	400	3080	58	29	6	7	0	0	0	16	0	120
ARMIDALE	n/a	Weaners	1216	80	3600								12	0	80
ARMIDALE	n/a	Mixed sex	1316	680	2160	58	39	3	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	1348	160	2560	87	11	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1576	40	5280	98	2	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	1716	80	7240	86	12	1	0	1	0	0	0	0	0
ARMIDALE	n/a	Weaners	1720	120	3800	87	13	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	1824	40	4800	97	3	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	2044	360	3880	85	13	0	2	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	2132	80	4840	88	11	0	1	0	0	0	0	0	0
ARMIDALE	n/a	Hoggets	2208	40	12480	89	11	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	2456	1200	5960	83	10	3	4	0	0	0	28	0	120
ARMIDALE	n/a	Weaners	2708	560	5480	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes									1				
ARMIDALE	n/a	Ewes									1				
ARMIDALE	n/a	Ewes									0				
ARMIDALE	n/a	Ewes									0				
ARMIDALE	n/a	Ewes									17				
BALRANALD	n/a	Lambs	16	0	80	0	68	32	0	0	0	0	60	0	120
CENTRAL TABLELANDS	n/a	Wethers	484	0	2160	0	81	5	14	0	0	0	0	0	0
CENTRAL TABLELANDS	n/a	Weaners	620	40	2120	0	97	1	1	0	0	0	16	0	40
COOMA	n/a	Weaners	76	0	400	96	0	0	4	0	0	0	28	0	160
COOMA	n/a	Ewes	128	0	640	7	63	15	15	0	0	0	24	0	120
COOMA	n/a	Ewes	204	40	440	0	77	19	4	0	0	0	8	0	40

COONABARABRAN	n/a	Lambs	20	0	120						
COONABARABRAN	n/a	Rams	28	0	200						
COONABARABRAN	n/a	Wethers	184	0	440	0	92	0	8	0	
COONABARABRAN	n/a	Rams	324	0	1360	4	94	1	1	0	
COONABARABRAN	n/a	Wethers	472	40	1200	0	75	25	0	0	
COONABARABRAN	n/a	Wethers	488	160	1160	0	82	14	4	0	
COONABARABRAN	n/a	Wethers	580	40	1280	8	89	3	0	0	
HUME	n/a	Ewes	212	0	720	2	67	22	9	0	
HUME	n/a	Ewes	316	0	840	0	88	9	3	0	
HUME	n/a	Ewes	348	0	1080	0	93	7	0	0	
HUME	n/a	Ewes	488	40	1080	3	69	25	3	0	
HUME	n/a	Ewes	732	0	3080	2	86	12	0	0	
HUNTER	n/a	Lambs	632	280	1120	0	95	4	1	0	
MOREE	n/a	Hoggets	24	0	80						
MOREE	n/a	Lambs	120	0	240	91	9	0	0	0	
MOREE	n/a	Ewes & lambs	144	0	360	100	0	0	0	0	
MOREE	n/a	Ewes	280	0	640	92	8	0	0	0	
MOREE	n/a	Ewes	724	0	1840	98	1	1	0	0	
MOREE	n/a	Ewes	840	40	1440	97	2	1	0	0	
MUDGE	n/a	Ewes	220	0	520	3	76	11	10	0	0
MUDGE	n/a	Wethers	256	40	640	13	77	5	5	0	0
NARRABRI	n/a	Ewes & lambs	844	160	1520	70	29	0	1	0	
NORTHERN NEW ENGLAND	n/a	Ewes	36	0	160	0	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	80	0	160	26	60	14	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	92	0	320	72	24	4	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	136	0	360	35	38	6	21	0	
NORTHERN NEW ENGLAND	n/a	Ewes	164	0	560	34	50	16	0	0	
NORTHERN NEW ENGLAND	n/a	Mixed	188	0	640	100	0	0	0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes & lambs	284	0	680	68	32	0	0	0	
NORTHERN NEW ENGLAND	n/a	Wethers	432	0	1320	7	63	4	26	0	
NORTHERN NEW ENGLAND	n/a	Ewes	556	0	1280	77	19	4	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	620	120	1280	83	17	0	0	0	
NORTHERN NEW ENGLAND	n/a	Weaners	708	120	2120	0	90	10	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	876	0	3320	88	12	0	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	972	0	1840						
NORTHERN NEW ENGLAND	n/a	Hoggets	1820	320	3920	96	4	0	0	0	
NORTHERN NEW ENGLAND	n/a	Ewes	1896	400	3480	96	4	0	0	0	
RIVERINA	n/a	Lambs	28	0	80	0	15	85	0	0	
TAMWORTH	n/a	Wethers	108	0	720	100	0	0	0	0	
YASS	n/a	Weaners	8	0	40	1	26	73	0	0	

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
32	0	280
4	0	40
8	0	40
0	0	0
8	0	80
4	0	40
0	0	0
16	0	80
0	0	0
0	0	0
0	0	0
4	0	40
28	0	160
4	0	40
4	0	40
8	0	40
0	0	0
0	0	0
0	0	0
4	0	40
0	0	0
8	0	40
0	0	0
0	0	0
0	0	0
12	0	80
8	0	40
16	0	40
0	0	0
92	0	600