



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>

('Worms on the Web')

WormFax Data

Detailed data is provided in the following worksheets. See tabs coloured tabs labelled 'Data ...' below.

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Change of format from January 2007

For the last 10 years or so, summary data has been displayed in tables and graphs in WormFax. While easier on the eye, this is actually less informative than scanning the actual data for each WormTest in the tables. The new format is 'evolving'.

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



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The information contained in this publication is based on knowledge and understanding at the time of writing (May 2007). 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.

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	

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	0	0	0	0	0	0	0	0	0		0	0	0
ARMIDALE	n/a	0	0	0	0	0	0	0	0	0		0	0	0
ARMIDALE	n/a	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
ARMIDALE	n/a	Weaners	0	0	0	0	0	0	0	0		0	0	0
ARMIDALE	n/a		0	0	0	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	8	0	80	36	2	62	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	8	0	80	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Mixed	12	0	80	0	46	6	48	0		0	0	0
ARMIDALE	n/a		12	0	120						0	0	0	0
ARMIDALE	n/a	Hoggets	16	0	80	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	20	0	200						8	0	0	0
ARMIDALE	n/a	Wethers	32	0	160						2	0	0	0
ARMIDALE	n/a	Ewes	36	0	120							0	0	0
ARMIDALE	n/a	Lambs	40	0	280	100	0	0	0	0		0	0	0
ARMIDALE	n/a		44	0	160						0	0	0	0
ARMIDALE	n/a	Ewes	48	0	280	52	40	8	0	0		0	0	0
ARMIDALE	n/a	Hoggets	68	0	240	0	92	8	0	0		0	0	0
ARMIDALE	n/a	Hoggets	68	0	280	0	93	7	0	0		0	0	0
ARMIDALE	n/a		68	0	200	6	32	0	62	0		0	0	0
ARMIDALE	n/a	Ewes	72	0	320	8	57	35	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	76	0	200	0	92	8	0	0		0	0	0
ARMIDALE	n/a	Ewes	88	0	400	21	74	5	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	96	0	280	20	58	22	0	0		4	0	40
ARMIDALE	n/a	Rams	96	0	200	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	100	0	520	66	23	6	0	5	0	0	0	0
ARMIDALE	n/a	Ewes	104	0	560	0	84	14	2	0		0	0	0
ARMIDALE	n/a	Weaners	116	0	320	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	128	0	360	24	23	53	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	148	0	320	0	50	0	0	50		0	0	0
ARMIDALE	n/a	Hoggets	164	0	480	27	60	12	1	0		0	0	0
ARMIDALE	n/a	Hoggets	164	0	520	99	1	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	172	0	1240	0	94	6	0	0		0	0	0
ARMIDALE	n/a	Weaners	180	0	440	2	90	8	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	184	0	880	79	17	3	1	0		0	0	0
ARMIDALE	n/a	Ewes	188	0	720	34	62	4	0	0		0	0	0
ARMIDALE	n/a	Ewes	196	0	440	81	12	7	0	0		0	0	0
ARMIDALE	n/a	Weaners	204	0	920	2	90	8	0	0	0	4	0	40
ARMIDALE	n/a	Weaners	216	0	920	84	14	2	0	0		40	0	120
ARMIDALE	n/a	Wethers	220	0	1120	0	66	30	4	0	0	0	0	0
ARMIDALE	n/a	Ewes	224	0	1240	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	248	40	720							0	0	0
ARMIDALE	n/a	Ewes	252	0	1040	98	0	2	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	252	0	1440	100	0	0	0	0	132	0	0	0
ARMIDALE	n/a	Mixed sex	268	0	1160	21	72	2	5	0	0	4	0	40
ARMIDALE	n/a	Ewes	276	0	640	0	86	10	4	0		0	0	0
ARMIDALE	n/a	Ewes	312	0	1520	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Mixed	320	0	1760	85	14	1	0	0	0	0	0	0
ARMIDALE	n/a		340	0	1720	0	97	3	0	0		0	0	0
ARMIDALE	n/a	Ewes	368	0	1080	28	40	31	1	0		0	0	0
ARMIDALE	n/a	Weaners	380	0	1200	0	97	3	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	380	0	1200	0	97	3	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	380	0	1200	0	97	3	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	380	0	1200	0	97	3	0	0	0	0	0	0
ARMIDALE	n/a		380	0	720							0	0	0
ARMIDALE	n/a	Wethers	384	120	960	66	14	14	6	0	0	0	0	0
ARMIDALE	n/a		392	0	1280							0	0	0
ARMIDALE	n/a		396	0	1760	94	0	0	6	0		24	0	120
ARMIDALE	n/a	Wethers	400	0	1120	0	91	9	0	0		0	0	0
ARMIDALE	n/a	Wethers	404	0	1360	0	86	14	0	0		16	0	80
ARMIDALE	n/a	Ewes	408	0	1200	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	420	0	1400	12	75	13	0	0	3	0	0	0
ARMIDALE	n/a	Ewes	420	0	1880	96	4	0	0	0		8	0	40
ARMIDALE	n/a		432	80	1320							0	0	0
ARMIDALE	n/a	Hoggets	472	40	2200	6	89	5	0	0		0	0	0
ARMIDALE	n/a	Weaners	512	40	840	92	5	3	0	0		0	0	0
ARMIDALE	n/a	Weaners	524	80	1240	0	77	23	0	0		8	0	40
ARMIDALE	n/a		548	0	1840	12	74	13	1	0		0	0	0
ARMIDALE	n/a	Rams	576	40	2120	92	2	6	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	612	80	1120	86	11	3	0	0	3	0	0	0
ARMIDALE	n/a		612	0	1520							0	0	0
ARMIDALE	n/a	Weaners	684	200	1600	61	29	8	2	0		76	0	200
ARMIDALE	n/a	Ewes	692	40	1960	84	8	3	3	2	0	0	0	0
ARMIDALE	n/a	Ewes	692	0	1920	93	3	3	1	0		0	0	0
ARMIDALE	n/a	Weaners	816	160	2000	59	34	7	0	0		28	0	80
ARMIDALE	n/a		844	0	4120	100	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	868	0	3560	79	18	3	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	932	0	4200	75	25	0	0	0		4	0	40
ARMIDALE	n/a	Hoggets	992	0	2680	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	1000	160	1760	0	91	9	0	0		0	0	0
ARMIDALE	n/a		1020	0	4320							0	0	0
ARMIDALE	n/a	Wethers	1052	0	3040	29	65	6	0	0		0	0	0
ARMIDALE	n/a	Hoggets	1080	0	4600	100	0	0	0	0		4	0	40
ARMIDALE	n/a	Ewes	1140	0	4360	87	12	1	0	0		0	0	0
ARMIDALE	n/a	Wethers	1140	0	4560	100	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1168	0	3640	98	0	2	0	0		0	0	0
ARMIDALE	n/a	Weaners	1172	360	3480	27	61	12	0	0		0	0	0

ARMIDALE	n/a	Ewes	1240	0	2200	50	46	4	0	0			0	0	0
ARMIDALE	n/a	Wethers	1276	440	2720	97	3	0	0	0			0	0	0
ARMIDALE	n/a		1412	80	3680	21	76	3	0	0			0	0	0
ARMIDALE	n/a	Ewes	1464	40	3880	77	18	5	0	0			0	0	0
ARMIDALE	n/a		1507	440	2160	99	1	0	0	0			13	0	40
ARMIDALE	n/a	Ewes	1524	40	4560	96	3	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	1640	40	3360	96	4	0	0	0			0	0	0
ARMIDALE	n/a	Ewes	1796	0	5920	64	34	1	1	0	0		0	0	0
ARMIDALE	n/a	Lambs	2096	240	5640	97	3	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	2284	0	7720	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a		2360	40	4880	100	0	0	0	0	0		12	0	80
ARMIDALE	n/a	Ewes	2372	0	5600	98	0	0	2	0			0	0	0
ARMIDALE	n/a	Weaners	2400	1520	3680	98	1	1	0	0			24	0	80
ARMIDALE	n/a	Hoggets	2416	40	6480	100	0	0	0	0			0	0	0
ARMIDALE	n/a		2432	200	7600	84	16	0	0	0			0	0	0
ARMIDALE	n/a		2884	600	10760	85	14	1	0	0			0	0	0
ARMIDALE	n/a	Ewes	3144	80	10600	97	3	0	0	0			28	0	80
ARMIDALE	n/a		3360	680	6880	99	0	0	1	0			12	0	40
ARMIDALE	n/a	Ewes	3848	40	8280	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	3920	40	8080	98	2	0	0	0	0		87	0	0
ARMIDALE	n/a	Ewes	4328	760	6880	94	6	0	0	0	0		3	0	0
ARMIDALE	n/a		4360	1040	9720	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	5220	3040	7240	81	18	0	0	1			0	0	0
ARMIDALE	n/a	Ewes	5236	840	12600	100	0	0	0	0			4	0	40
ARMIDALE	n/a	Hoggets	5676	320	26760	97	3	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	5780	1160	13800	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	6776	560	17160								0	0	0
ARMIDALE	n/a		7080	2680	11600	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Wethers	8152	520	16560	94	3	3	0	0	0		1	4	40
ARMIDALE	n/a		13624	4720	28640	100	0	0	0	0	0		20	0	40
ARMIDALE	n/a	Ewes				17	63	13	7	0					
CONDOBOLIN	n/a	Weaners	0	0	0	0	0	0	0	0			12	0	40
CONDOBOLIN	n/a	Ewes	4	0	40	0	58	42	0	0			4	0	40
CONDOBOLIN	n/a	Ewes	20	0	40	0	52	48	0	0			0	0	0
COOMA	n/a	Wethers	40	0	240	32	52	16	0	0			0	0	0
COOMA	n/a	Wethers	228	0	600	0	60	35	5	0	36		20	0	200
COOMA	n/a	Weaners	240	40	560	0	55	45	0	0			336	0	1040
COOMA	n/a	Ewes	2368	0	6080	100	0	0	0	0			28	0	200
COONABARABRAN	n/a	Weaners	32	0	120	82	3	15	0	0			28	0	120
COONABARABRAN	n/a	Ewes	124	0	640	61	15	20	4	0			0	0	0
COONABARABRAN	n/a	Weaners	128	0	400	100	0	0	0	0			16	0	80
COONABARABRAN	n/a	Ewes	216	0	920	65	15	14	6	0			4	0	40
COONABARABRAN	n/a	Ewes	336	0	800	94	1	5	0	0			0	0	0
COONABARABRAN	n/a		428	80	2680	100	0	0	0	0			0	0	0
COONABARABRAN	n/a	Weaners	656	0	1920	100	0	0	0	0			40	0	160
HILLSTON	n/a	Weaners	0	0	0								0	0	0
HILLSTON	n/a	Ewes	76	0	240	0	55	45	0	0			0	0	0
HILLSTON	n/a	Ewes	256	0	760	0	84	16	0	0			0	0	0
HUNTER	n/a	Ewes	180	0	1000	26	33	39	2	0			0	0	0
MAITLAND	n/a	Weaners	0	0	0	0	0	0	0	0			0	0	0
MAITLAND	n/a	Weaners	0	0	0	0	0	0	0	0			0	0	0
MAITLAND	n/a	Weaners	0	0	0	0	0	0	0	0			0	0	0
MAITLAND	n/a	Weaners	4156	640	12040	90	8	2	0	0			156	0	360
MOREE	n/a	Lambs	24	0	240								0	0	0
MOREE	n/a	Ewes	88	0	320	90	10	0	0	0	0		0	12	0
MUDGE	n/a	Ewes	84	0	200	34	57	9	0	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Wethers	0	0	0	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		32	0	80	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		120	0	320	0	89	11	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		144	0	680	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		172	0	320	0	85	15	0	0			92	0	280
NORTHERN NEW ENGLAND	n/a	Ewes	436	40	920	75	17	4	4	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	496	40	1320	52	18	22	8	0			0	0	0
NORTHERN NEW ENGLAND	n/a		568	80	1200	98	1	1	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		696	80	1440	0	92	8	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	748	160	1520	70	25	5	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	792	0	4560	43	52	5	0	0	6		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1008	280	2560								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1172	200	1880	88	12	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed	1300	40	2960	8	82	9	1	0			16	0	120

NORTHERN NEW ENGLAND	n/a	Lambs	1656	120	3960							0	0	0
NORTHERN NEW ENGLAND	n/a		1720	680	2640	13	87	0	0	0		124	0	240
NORTHERN NEW ENGLAND	n/a	Wethers	2052	600	5240	80	20	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	2068	680	3400	92	8	0	0	0		72	0	200
NORTHERN NEW ENGLAND	n/a	Ewes	2632	40	7760	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	3256	840	5240	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	3787	0	20800	100	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a		3844	1240	14400	65	35	0	0	0		64	0	160
NORTHERN NEW ENGLAND	n/a	Wethers	5747	2880	11520	99	1	0	0	0		49	0	120
NORTHERN SLOPES	n/a	Ewes & lambs	304	0	1280	94	3	3	0	0		0	0	0
NORTHERN SLOPES	n/a	Mixed sex	520	0	1560	25	25	42	0	8		0	0	0
TAMWORTH	n/a	Ewes	44	0	160	81	14	5	0	0		0	0	0
TAMWORTH	n/a	Ewes	124	0	280	96	0	4	0	0		0	0	0
TAMWORTH	n/a	Ewes	132	0	600	99	0	1	0	0		0	0	0
TAMWORTH	n/a	Lambs	220	0	720	76	10	13	0	1		0	0	0
TAMWORTH	n/a	Mixed sex	472	0	1760	88	10	2	0	0		0	0	0
WAGGA	n/a	Weaners	0	0	0	0	36	64	0	0		0	0	0
WAGGA	n/a	Ewes	0	0	0	0	48	52	0	0		0	0	0
YASS	n/a	Ewes	28	0	240	0	7	92	0	1	0	0	0	0