



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.



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	Hoggets	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	Weaners	0	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	0
ARMIDALE	n/a	Lambs	0	0	0							0	0	0	0
ARMIDALE	n/a	Lambs	4	0	40							0	0	0	0
ARMIDALE	n/a	Weaners	8	0	80							0	0	0	0
ARMIDALE	n/a	Rams	12	0	80	0	96	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	16	0	80							0	0	0	0
ARMIDALE	n/a	Ewes	24	0	120							0	0	0	0
ARMIDALE	n/a	Ewes	36	0	120	60	35	5	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	40	0	80	81	17	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	56	0	400	0	88	12	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	56	0	280	92	0	8	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	60	0	200						0	0	0	0	0
ARMIDALE	n/a	Lambs	68	0	160						3	0	0	0	0
ARMIDALE	n/a	Ewes	68	0	360							0	0	0	0
ARMIDALE	n/a	Ewes	72	0	280	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	76	0	400	15	22	63	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	80	0	320							0	0	0	0
ARMIDALE	n/a	Lambs	88	0	320	12	75	13	0	0	0	4	0	40	0
ARMIDALE	n/a	Wethers	100	0	640	76	13	11	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	102	0	440	0	91	9	0	0	3	0	0	0	0
ARMIDALE	n/a	Wethers	104	0	240	0	32	16	52	0	2	8	0	80	0
ARMIDALE	n/a	Ewes & lambs	108	0	720	98	1	1	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	112	0	320	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	116	0	640	97	1	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	120	0	360	54	44	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	128	0	920	36	60	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	128	0	480	83	14	3	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	128	0	440	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	132	0	360	2	62	6	30	0	0	8	0	40	0
ARMIDALE	n/a	Ewes	144	0	480	66	31	1	2	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	176	0	1000						3	0	0	0	0
ARMIDALE	n/a	Mixed sex	184	0	720	38	34	28	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	192	0	560	16	82	2	0	0	0	8	0	40	0
ARMIDALE	n/a	Lambs	192	0	720	89	9	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	192	0	760	97	1	0	0	2	0	4	0	40	0
ARMIDALE	n/a	Ewes	212	0	600						3	0	0	0	0
ARMIDALE	n/a	Ewes	224	0	1160	88	12	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	252	0	640	97	0	3	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	256	0	760	56	43	1	0	0	3	0	0	0	0
ARMIDALE	n/a	Ewes	271	0	800						0	0	0	0	0
ARMIDALE	n/a	Ewes	280	0	880	71	9	5	15	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	288	0	1000	0	93	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	304	0	800	2	98	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	316	0	1320						3	4	0	40	0
ARMIDALE	n/a	Ewes	328	0	2040	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	332	0	1800	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	336	0	1560							0	0	0	0
ARMIDALE	n/a	Wethers	338	0	2280	76	17	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	340	0	680	4	77	12	7	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	368	40	1960							92	0	280	0
ARMIDALE	n/a	Ewes	376	0	3360	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	404	0	800						0	0	0	0	0
ARMIDALE	n/a	Weaners	432	120	1120	88	7	5	0	0	0	8	0	40	0
ARMIDALE	n/a	Lambs	440	0	1040	1	95	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	440	0	2120	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Wethers	444	0	1400	4	92	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	464	40	1480	67	32	1	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	484	0	3880	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	492	80	1120	14	80	6	0	0	0	12	0	80	0
ARMIDALE	n/a	Ewes	512	40	1440	11	89	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	512	0	1920						0	0	0	0	0
ARMIDALE	n/a	Wethers	528	0	1040						0	0	0	0	0
ARMIDALE	n/a	Ewes	564	0	2320	3	89	4	4	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	576	0	1600	67	33	0	0	0	4	8	0	40	0
ARMIDALE	n/a	Weaners	616	0	1160	0	87	9	4	0	0	24	0	80	0
ARMIDALE	n/a	Ewes	660	0	3760	1	79	8	12	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	672	40	2600	73	22	5	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	680	40	1240	97	2	0	0	1	0	0	0	0	0
ARMIDALE	n/a	Ewes	684	0	1960	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	764	0	3280	75	25	0	0	0	3	0	0	0	0
ARMIDALE	n/a	Weaners	780	240	1880	88	6	3	1	2	0	8	0	40	0
ARMIDALE	n/a	Weaners	792	0	4240	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	792	0	3520						0	0	0	0	0
ARMIDALE	n/a	Wethers	816	40	1240	98	2	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	816	0	3760	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	848	40	2080	85	15	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Rams	876	440	1240	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	884	160	2120	96	4	0	0	0	0	28	0	80	0
ARMIDALE	n/a	Lambs	920	80	3440	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	924	360	1560	14	79	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	924	0	2600	86	14	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	952	240	2080	29	39	32	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	980	400	1680	13	80	7	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	1016	0	2800	34	66	0	0	0	2	12	0	40	0
ARMIDALE	n/a	Weaners	1036	120	1880	25	71	4	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1062	0	4760	94	6	0	0	0	3	0	0	0	0
ARMIDALE	n/a	Ewes	1064	40	3720	87	13	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1068	80	3800	34	60	6	0	0	0	0	0	0	0
ARMIDALE	n/a	Ewes	1108	0	2320	95	5	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Mixed	1132	120	3680	91	7	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	1184	40	6680	100	0	0	0	0	0	0	0	0	0
ARMIDALE	n/a	Lambs	1208	0	4280	100	0	0	0	0	0	16	0	80	0
ARMIDALE	n/a	Ewes	1220	80	5240	90	8	2	0	0	0	0	0	0	0
ARMIDALE	n/a	Weaners	1292	640	2280	2	92	6	0	0	0	0	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	
ARMIDALE	n/a	Weaners	1452	0	3480	69	30	1	0	0			0	0	0
ARMIDALE	n/a	Mixed	1552	80	4000	85	15	0	0	0			4	0	40
ARMIDALE	n/a	Ewes	1584	0	7120	94	6	0	0	0			4	0	40
ARMIDALE	n/a	Weaners	1628	80	3760	95	2	3	0	0			4	0	40
ARMIDALE	n/a	Lambs	1644	480	3640	85	13	0	1	1			52	0	160
ARMIDALE	n/a	Ewes	1648	680	4560	78	21	1	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	1688	0	10680	99	1	0	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	1832	960	2840	74	23	3	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	1836	0	7520	70	30	0	0	0	0		28	0	80
ARMIDALE	n/a	Weaners	1840	40	10800								8	0	40
ARMIDALE	n/a	Weaners	1912	40	4720	98	2	0	0	0	8		0	0	0
ARMIDALE	n/a	Lambs	2004	200	5200						0		0	0	0
ARMIDALE	n/a	Lambs	2132	0	16880	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	2192	0	6040						2		0	0	0
ARMIDALE	n/a	Weaners	2332	240	4360	97	3	0	0	0	0		8	0	40
ARMIDALE	n/a	Weaners	2360	80	9200	92	8	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	2432	360	6400	82	15	1	0	2	0		96	0	640
ARMIDALE	n/a	Lambs	2484	320	4720	24	72	4	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	2560	0	7760	95	3	2	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	2704	1040	5960	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	2732	320	7480	66	33	1	0	0	0		12	0	40
ARMIDALE	n/a	Weaners	3102	0	6360	90	9	1	0	0	0		4	0	40
ARMIDALE	n/a	Wethers	3296	920	5560	90	9	1	0	0	0		8	0	80
ARMIDALE	n/a	Lambs	3392	320	7120	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	3698	2320	5280	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes & lambs	3768	80	7720	75	22	0	3	0			56	0	160
ARMIDALE	n/a	Ewes	3988	0	17760	85	14	1	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	4040	40	18640	100	0	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	4688	960	14280	92	8	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	5668	2840	9440	96	4	0	0	0	0		20	0	40
ARMIDALE	n/a		6020	40	16720	90	10	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	6812	920	18360	85	15	0	0	0	0		0	0	0
ARMIDALE	n/a	Ewes	6976	400	26800	97	3	0	0	0	0		0	0	0
ARMIDALE	n/a	Lambs	8298	80	24600	24	61	8	6	1			18	0	40
ARMIDALE	n/a	Weaners	10292	1920	23000	88	11	1	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	14304	10120	19880	44	56	0	0	0	5		104	0	240
ARMIDALE	n/a	Mixed sex	14560	0	720	50	50	0	0	0	0		0	0	0
ARMIDALE	n/a	Weaners	39040	120	2520	14	82	4	0	0	0		0	0	0
ARMIDALE	n/a	Weaners				3	95	2	0	0					
ARMIDALE	n/a	Lambs				9	83	5	3	0					
ARMIDALE	n/a	Rams									0				
ARMIDALE	n/a	Ewes									6				
ARMIDALE	n/a	Weaners									0				
CENTRAL															
TABLELANDS	n/a	Ewes	20	0	40	1	6	9	84	0	0		4	0	40
CONDOBOLIN	n/a	Ewes	8	0	40	0	87	13	0	0	0		0	0	0
CONDOBOLIN	n/a	Weaners	52	0	120	0	26	74	0	0	0		0	0	0
CONDOBOLIN	n/a	Weaners	76	0	160	0	85	15	0	0	0		16	0	80
COOMA	n/a	Weaners	92	0	800	3	81	16	0	0	0		0	0	0
COOMA	n/a	Lambs	576	0	1880	100	0	0	0	0	0		52	0	360
COONABARABRAN	n/a	Mixed	0	0	0								0	0	0
COONABARABRAN	n/a	Wethers	104	0	280	14	35	50	1	0	0		0	0	0
COONABARABRAN	n/a	Ewes	112	0	280	9	58	33	0	0	0		8	0	40
COONABARABRAN	n/a	Ewes	116	40	200								0	0	0
COONABARABRAN	n/a	Ewes	164	0	1120	72	17	7	4	0	0		0	0	0
COONABARABRAN	n/a	Ewes	280	40	600	0	92	8	0	0	0		4	0	40
COONABARABRAN	n/a	Weaners	372	0	2640	51	45	4	0	0	0		28	0	280
COONABARABRAN	n/a	Weaners	664	0	3040	90	1	9	0	0	0		0	0	0
COONABARABRAN	n/a		780	520	1120	12	88	0	0	0	0		12	0	0
COONABARABRAN	n/a	Ewes	1216	40	2520	89	10	0	1	0	0		0	0	0
GOULBURN	n/a	Ewes	8	0	40							0		0	0
GOULBURN	n/a	Ewes	40	0	160							0		0	0
HILLSTON	n/a	Weaners	0	0	0								0	0	0
HILLSTON	n/a		212	40	680	0	73	27	0	0	0		0	0	0
HUNTER	n/a	Wethers	932	80	2640	83	16	1	0	0	0		0	0	0
MOLONG	n/a	Ewes	32	0	120								0	0	0
MOREE	n/a	Weaners	4	0	40	100	0	0	0	0	0		8	0	80
MOREE	n/a	Weaners	204	0	2040	100	0	0	0	0	0		16	0	120
MUDGEES	n/a	Weaners	76	0	320	26	73	1	0	0	0		0	0	0
MUDGEES	n/a		92	0	360	0	70	30	0	0	0		0	0	0
MUDGEES	n/a	Wethers	1440	640	2200	34	63	3	0	0	0		0	0	0
NARRABRI	n/a	Weaners	1900	600	4240	97	3	0	0	0	0		0	0	0
NARRABRI	n/a	Ewes	2132	40	4960	93	7	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	0	0	0	0	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	0	0	0								0	0	0
NORTHERN NEW ENGLAND	n/a	Wethers	8	0	40								0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	24	0	240								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	32	0	120	100	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	72	0	560	0	91	9	0	0	0		32	0	240
NORTHERN NEW ENGLAND	n/a	Weaners	100	0	680	100	0	0	0	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	132	0	360	61	17	17	5	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	172	0	560	28	24	2	46	0	2		0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	172	0	480								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	452	0	1200	90	6	1	3	0	0		0	0	0
NORTHERN NEW ENGLAND	n/a	Hoggets	576	0	1200	93	7	0	0	0	0		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
NORTHERN NEW ENGLAND	n/a	Ewes	688	40	1840	5	87	7	1	0			0	0	0
NORTHERN NEW ENGLAND	n/a		760	0	2880								0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	852	0	2800	83	17	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed sex	860	120	2320	70	27	0	3	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	960	40	4200								0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1136	0	2440	92	7	1	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Weaners	1288	360	2760	62	33	5	0	0			24	0	80
NORTHERN NEW ENGLAND	n/a	Ewes	1324	200	2840	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed sex	1624	0	5440	84	16	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1648	0	4480	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	1896	160	3160	96	4	0	0	0	2		0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2660	200	8240	99	1	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	2740	960	4600	87	13	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a		3140	480	6960	92	7	1	0	0	2		0	0	0
NORTHERN NEW ENGLAND	n/a	Mixed sex	3212	480	7520	100	0	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Lambs	4408	360	9280	80	18	1	1	0			4	0	40
NORTHERN NEW ENGLAND	n/a	Wethers	5008	320	12880	96	4	0	0	0			0	0	0
NORTHERN NEW ENGLAND	n/a	Ewes	19424	80	80000	100	0	0	0	0			0	0	0
TAMWORTH	n/a	Lambs	0	0	0								0	0	0
TAMWORTH	n/a		212	0	1000								0	0	0
TAMWORTH	n/a	Wethers	212	0	760								0	0	0
TAMWORTH	n/a	Ewes	248	40	800	68	21	3	8	0			0	0	0
TAMWORTH	n/a	Wethers	312	0	920	85	14	1	0	0			0	0	0
TAMWORTH	n/a	Weaners	892	80	2600	2	96	2	0	0			52	0	240
TAMWORTH	n/a	Lambs	952	80	2680	69	29	2	0	0			0	0	0
TAMWORTH	n/a		1215	640	1840								0	0	0
TAMWORTH	n/a	Lambs	1732	360	3680	0	0	0	0	0			0	0	0
TAMWORTH	n/a	Hoggets	1956	40	7360								0	0	0
TAMWORTH	n/a		2716	0	24600								0	0	0
TAMWORTH	n/a	Ewes	2836	0	5840	100	0	0	0	0			0	0	0
TAMWORTH	n/a	Ewes	6380	200	25600	77	22	0	1	0			8	0	80
TAMWORTH	n/a	Ewes	6404	480	17040	100	0	0	0	0			0	0	0
TAMWORTH	n/a		6588	40	21720	91	9	0	0	0			0	0	0
TAMWORTH	n/a	Wethers	6996	560	13600	90	10	0	0	0			0	0	0
TAMWORTH	n/a	Lambs	8008	320	23520	94	6	0	0	0			16	0	40
WAGGA	n/a	Weaners	96	40	200	0	31	69	0	0			28	0	80
YASS	n/a	Weaners	32	0	160						0		0	0	0
YASS	n/a	Ewes	60	0	280						0		0	0	0
YASS	n/a	Weaners	496	160	1000	9	50	39	2	0			124	0	240