



# 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](http://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 (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.

## 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.



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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](http://www.agric.nsw.gov.au/reader/sheep-internal)

NSW Department of Primary Industries Regional Veterinary Labs:

[www.agric.nsw.gov.au/reader/das-laboratory](http://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



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

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| 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             |               |

[illegible]

| 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 |
| BOM  | A         | E | 20                      | 0   | 80    |                                |        |      |      |       |             |         | 0           |     |      |
| BOM  | A         | E | 1400                    | 560 | 4720  | 89                             | 8      | 3    |      |       |             |         | 4           |     |      |
| BRA  | A         | M | 120                     | 120 | 120   | 44                             | 7      | 49   |      |       |             |         | 0           |     |      |
| BRA  | L         | M | 580                     | 320 | 840   | 44                             | 40     | 16   |      |       |             |         | 160         |     |      |
| DUB  | M         | M | 200                     | 200 | 200   |                                |        |      |      |       |             |         | 20          |     |      |
| FOR  | L         | M | 44                      | 0   | 240   |                                |        |      |      |       |             |         | 0           |     |      |
| GOU  | H         | M | 660                     | 240 | 1840  | 17                             | 34     | 39   |      | 10    |             |         | 0           |     |      |
| HUM  | W         | M | 360                     | 360 | 360   |                                |        |      |      |       |             |         | 40          |     |      |
| HUN  | W         | M | 1560                    | 0   | 3120  | 86                             | 14     |      |      |       |             |         | 0           |     |      |
| HUN  | M         | M | 2220                    | 0   | 7480  | 89                             | 10     |      |      |       | 1           |         | 4           |     |      |
| HUN  | M         | E | 12772                   | 0   | 28000 | 94                             | 6      |      |      |       |             |         | 4           |     |      |
| MOS  | L         | M | 904                     | 80  | 2040  |                                |        |      |      |       |             |         | 192         |     |      |
| MUR  | W         | E | 60                      | 40  | 80    |                                |        |      |      |       |             |         | 180         |     |      |
| MUR  | W         | W | 100                     | 0   | 320   |                                |        |      |      |       |             |         | 40          |     |      |
| MUR  | W         | E | 220                     | 160 | 280   |                                | 59     | 39   |      | 2     |             |         | 60          |     |      |
| MUR  | H         | E | 276                     | 40  | 880   |                                |        |      |      |       |             |         | 28          |     |      |
| NAR  | A         | E | 112                     | 0   | 600   |                                | 90     | 10   |      |       |             |         | 4           |     |      |
| NAR  | W         | M | 420                     | 120 | 1000  |                                | 41     | 59   |      |       |             |         | 96          |     |      |
| NAR  | H         | E | 476                     | 200 | 640   |                                | 85     | 15   |      |       |             |         | 108         |     |      |
| RIV  | H         | E | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 120         |     |      |
| RIV  | L         | M | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 52          |     |      |
| STC  | A         | E | 8                       | 0   | 80    |                                |        |      |      |       | 0           | 0       | 0           |     |      |
| TAM  | M         | M | 2108                    | 0   | 6440  | 78                             | 22     |      |      |       |             |         | 20          |     |      |
| WAG  | L         | M | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 0           |     |      |
| WAG  | L         | M | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 0           |     |      |
| WAG  | L         | M | 4                       | 0   | 40    |                                |        |      |      |       |             |         | 0           |     |      |
| WAG  | L         | M | 58                      | 0   | 280   |                                |        |      |      |       |             |         | 169         |     |      |
| WAG  | H         | E | 80                      | 80  | 80    |                                |        |      |      |       |             |         | 0           |     |      |
| WAG  | A         | E | 140                     | 120 | 160   |                                | 23     | 74   |      |       | 3           |         | 0           |     |      |
| WAG  | A         | E | 180                     | 120 | 240   |                                | 80     | 9    |      | 11    |             |         | 0           |     |      |
| YAS  | H         | W | 84                      | 0   | 240   | 17                             | 8      | 74   |      | 1     |             |         | 96          |     |      |
| YOU  | M         | M | 40                      | 40  | 40    |                                |        |      |      |       |             |         | 0           |     |      |
| YOU  | A         | E | 240                     | 160 | 320   |                                | 14     | 69   |      | 17    |             |         | 0           |     |      |
| YOU  | A         | E | 440                     | 0   | 80    |                                |        |      |      |       |             |         | 0           |     |      |
| YOU  | A         | E | 480                     | 440 | 520   |                                |        |      |      |       | 1           | 0       | 0           |     |      |
| YOU  | H         | E | 580                     | 560 | 600   |                                |        |      |      |       | 0           | 0       | 20          |     |      |
| YOU  | H         | W | 496                     | 160 | 720   |                                |        |      |      |       |             |         | 16          |     |      |
| COO  | H         | E | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 0           |     |      |
| COO  | W         | E | 560                     | 520 | 600   |                                | 24     | 76   |      |       |             |         | 140         |     |      |
| COO  | A         | E | 380                     | 360 | 400   | 5                              | 90     | 2    |      | 3     |             |         | 0           |     |      |
| COO  | W         | W | 800                     | 720 | 880   |                                | 66     | 34   |      |       |             |         | 160         |     |      |
| COO  | A         | E | 940                     | 400 | 1480  | 1                              | 94     | 5    |      |       |             |         | 0           |     |      |
| CTL  | W         | M | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 0           |     |      |
| FOR  | L         | M | 584                     | 280 | 880   |                                | 44     | 56   |      |       |             |         | 132         |     |      |
| MUD  | A         | E | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 0           |     |      |
| DUB  | H         | W | 44                      | 0   | 160   |                                |        |      |      |       |             |         | 0           |     |      |
| DUB  | A         | E | 868                     | 0   | 2360  | 88                             | 6      | 1    |      | 5     |             |         | 4           |     |      |
| FOR  | A         | E | 840                     | 800 | 880   |                                |        |      |      |       |             |         | 20          |     |      |
| FOR  | A         | E | 60                      | 0   | 120   |                                |        |      |      |       |             |         | 0           |     |      |
| FOR  | A         | E | 1240                    | 960 | 1520  |                                | 98     | 2    |      |       |             |         | 0           |     |      |
| FOR  | A         | W | 700                     | 560 | 840   |                                |        |      |      |       |             |         | 40          |     |      |
| FOR  | H         | E | 180                     | 0   | 360   |                                | 78     | 22   |      |       |             |         | 40          |     |      |
| MUD  | A         | E | 800                     | 0   | 2240  | 33                             | 44     | 23   |      |       |             |         | 0           |     |      |
| COO  | A         | E | 2872                    | 0   | 13800 | 69                             | 31     |      |      |       |             |         | 0           |     |      |
| MUD  | L         | M | 740                     | 720 | 760   |                                | 52     | 48   |      |       |             |         | 0           |     |      |
| COO  | A         | E | 156                     | 0   | 600   | 78                             | 19     |      |      | 3     |             |         | 0           |     |      |
| COO  | H         | E | 1064                    | 240 | 2160  | 85                             | 15     |      |      |       |             |         | 0           |     |      |
| COO  | A         | E | 1184                    | 0   | 3200  | 96                             | 4      |      |      |       |             |         | 0           |     |      |
| YOU  | W         | E | 520                     | 360 | 680   |                                |        |      |      |       |             |         | 360         |     |      |
| DUB  | H         | E | 540                     | 520 | 560   | 79                             | 19     | 2    |      |       |             |         | 60          |     |      |
| COO  | L         | M | 0                       | 0   | 0     |                                |        |      |      |       |             |         | 8           |     |      |
| FOR  | A         | E | 524                     | 0   | 1280  |                                | 71     | 29   |      |       |             |         | 4           |     |      |
| FOR  | L         | M | 828                     | 0   | 1640  |                                | 63     | 37   |      |       |             |         | 20          |     |      |
| FOR  | L         | M | 432                     | 0   | 1360  | 92                             | 5      | 2    |      | 1     |             |         | 12          |     |      |

| 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 |
| BRAIDWOOD             | H         | E   | 340                     | 160 | 520  |                                |        |      |      |       |             |         |             | 20  |      |
| CNT (Ctrl Tablelands) | A         | E   | 180                     | 160 | 200  |                                |        |      |      |       |             |         |             | 20  |      |
| CNT                   | A         | E   | 220                     | 160 | 280  |                                |        | 92   | 6    | 2     |             |         |             |     |      |
| CNT                   | W         | E   | 196                     | 80  | 360  |                                |        | 89   | 9    |       | 2           |         |             | 56  |      |
| CNT                   | L         | MXD | 128                     | 0   | 280  |                                |        | 11   | 89   |       |             |         |             | 16  |      |
| CNT                   | H         | MXD | 180                     | 120 | 240  | 27                             |        | 62   | 10   | 1     |             |         |             | 60  |      |
| CNT                   | H         | E   | 216                     | 0   | 720  | 31                             |        | 50   | 19   |       |             |         |             | 8   |      |
| CNT                   | A         | E   | 68                      | 0   | 200  |                                |        |      |      |       |             |         |             |     |      |
| CNT                   | A         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| CNT                   | H         | E   | 772                     | 280 | 1400 | 15                             |        | 31   | 53   | 1     |             |         |             | 132 |      |
| CNT                   | A         | E   | 260                     | 80  | 440  |                                |        | 73   | 27   |       |             |         |             |     |      |
| CNT                   | A         | E   | 1040                    | 840 | 1240 | 69                             |        | 23   | 7    | 1     |             |         |             |     |      |
| COBAR                 | H         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| COO (Coolah)          | A         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 20                      | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 40                      | 40  | 40   |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 20                      | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 20                      | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| COO                   | A         | E   | 32                      | 0   | 120  |                                |        |      |      |       |             |         |             | 16  |      |
| COO                   | A         | E   | 120                     | 80  | 160  | 24                             |        | 56   | 7    | 13    |             |         |             |     |      |
| COO                   | A         | E   | 480                     | 280 | 680  |                                |        | 99   |      | 1     |             |         |             |     |      |
| COO                   | H         | E   | 140                     | 40  | 240  |                                |        | 56   | 21   | 23    |             |         |             | 80  |      |
| COO                   | A         | E   | 360                     | 280 | 440  | 4                              |        | 91   | 5    |       |             |         |             | 20  |      |
| COO                   | A         | E   | 248                     | 0   | 1440 | 58                             |        | 41   |      | 1     |             |         |             |     |      |
| COO                   | A         | E   | 2008                    | 0   | 4800 | 2                              |        | 88   | 9    | 1     |             |         |             |     |      |
| COO                   | A         | E   | 600                     | 600 | 600  | 67                             |        | 21   | 1    | 11    |             |         |             |     |      |
| COO                   | MXD       | MXD | 420                     | 200 | 640  |                                |        |      |      |       |             |         |             |     |      |
| COO                   | W         | MXD | 92                      | 0   | 200  |                                |        |      |      |       |             |         |             | 4   |      |
| COO                   | MXD       | MXD | 820                     | 560 | 1080 |                                |        |      |      |       |             |         |             | 40  |      |
| COO                   | MXD       | MXD | 816                     | 160 | 1560 | 67                             |        | 22   | 11   |       |             |         |             | 8   |      |
| COO                   | L         | MXD | 268                     | 40  | 520  | 5                              |        | 56   | 39   |       |             |         |             | 192 |      |
| COO                   | W         | MXD | 864                     | 240 | 2120 | 50                             |        | 41   | 4    | 5     |             |         |             | 24  |      |
| COO                   | L         | MXD | 332                     | 120 | 520  |                                |        | 48   | 50   | 1     | 1           |         |             | 72  |      |
| COO                   | A         | E   | 248                     | 0   | 1800 | 51                             |        | 20   | 7    | 19    | 3           |         |             | 4   |      |
| COO                   | ?         | E   | 140                     | 80  | 200  | 8                              |        | 57   | 30   |       | 5           |         |             |     |      |
| COO                   | ?         | E   | 580                     | 560 | 600  | 34                             |        | 53   | 3    | 10    |             |         |             |     |      |
| COON (abarabran)      | H         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| COON                  | A         | E   | 312                     | 0   | 2920 | 27                             |        | 40   | 8    | 25    |             |         |             |     |      |
| COON                  | A         | W   | 16                      | 0   | 120  |                                |        |      |      |       |             |         |             | 12  |      |
| COON                  | L         | MXD | 680                     | 120 | 3880 | 90                             |        | 7    | 1    | 2     |             |         |             | 8   |      |
| COON                  | MXD       | E   | 1456                    | 0   | 7480 | 85                             |        | 6    | 3    | 6     |             |         |             |     |      |
| COON                  | H         | W   | 204                     | 40  | 1280 | 3                              |        | 83   | 10   | 2     | 2           |         |             | 8   |      |
| COON                  | W         | MXD | 4                       | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| COON                  | A         | E   | 128                     | 0   | 480  | 7                              |        | 17   | 40   | 16    |             |         |             |     |      |
| COON                  | ?         | E   | 240                     | 0   | 1200 | 4                              |        | 57   | 39   |       |             |         |             | 20  |      |

| 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 |
| COON         | H         | E    | 132                     | 0   | 280  | 13                             | 67     | 20   |      |       |             |         | 24          |     |      |
| COON         | MXD       | E    | 300                     | 280 | 320  | 100                            |        |      |      |       |             |         |             |     |      |
| DUB          | ?         | E    | 64                      | 0   | 400  |                                |        |      |      |       |             |         | 4           |     |      |
| DUB          | H         | MXD  | 120                     | 120 | 120  |                                |        |      |      |       |             |         | 40          |     |      |
| DUB          | H         | MXD  | 960                     | 680 | 1240 |                                |        |      |      |       |             |         | 20          |     |      |
| DUB          | L         | MXD  | 108                     | 0   | 440  |                                | 60     | 40   |      |       |             |         | 24          |     |      |
| DUB          | ?         | E&L  | 164                     | 0   | 440  | 1                              | 24     | 75   |      |       |             |         | 16          |     |      |
| DUB          | MXD       | E    | 64                      | 0   | 240  |                                |        |      |      |       |             |         | 40          |     |      |
| DUB          | MXD       | MXD  | 4                       | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| DUB          | A         | E    | 424                     | 40  | 1120 |                                | 56     | 42   |      | 2     |             |         | 24          |     |      |
| DUB          | W         | E    | 292                     | 120 | 600  | 58                             | 19     | 20   |      |       | 3           |         | 64          |     |      |
| DUB          | H         | E    | 1028                    | 360 | 2200 |                                | 45     | 31   |      | 24    |             |         | 16          |     |      |
| DUB          | A         | E    | 132                     | 0   | 480  | 16                             | 67     | 17   |      |       |             |         |             |     |      |
| DUB          | L         | MXD  | 760                     | 760 | 760  |                                | 35     | 65   |      |       |             |         | 100         |     |      |
| FOR (Forbes) | H         | E    | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| FOR          | A         | E    | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| FOR          | W         | MXD  | 492                     | 40  | 1000 |                                | 40     | 60   |      |       |             |         | 120         |     |      |
| FOR          | W         | MXD  | 260                     | 0   | 720  |                                | 8      | 92   |      |       |             |         | 40          |     |      |
| FOR          | L         | MXD  | 240                     | 40  | 600  |                                | 18     | 78   |      | 4     |             |         | 16          |     |      |
| FOR          | L         | MXD  | 156                     | 0   | 320  |                                | 14     | 86   |      |       |             |         | 468         |     |      |
| FOR          | L         | Male | 336                     | 0   | 840  |                                | 22     | 78   |      |       |             |         | 124         |     |      |
| FOR          | L         | MXD  | 180                     | 0   | 400  |                                | 24     | 76   |      |       |             |         | 80          |     |      |
| FOR          | W         | MXD  | 116                     | 40  | 320  |                                | 43     | 55   |      | 1     | 1           |         | 52          |     |      |
| MOL (Molong) | W         | MXD  | 140                     | 40  | 400  | 45                             | 19     | 36   |      |       |             |         | 72          |     |      |
| MOL          | L         | MXD  | 436                     | 0   | 2520 | 2                              | 70     | 28   |      |       |             | Neg     | 4           |     |      |
| MOL          | W         | MXD  | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| MOL          | A         | E    | 400                     | 400 | 400  | 14                             | 30     | 33   |      | 23    |             |         |             |     |      |
| MOL          | H         | MXD  | 76                      | 0   | 200  |                                |        |      |      |       |             |         | 8           |     |      |
| MOL          | H         | E    | 120                     | 120 | 120  |                                |        |      |      |       |             |         |             |     |      |
| MOL          | W         | MXD  | 160                     | 40  | 360  | 1                              | 20     | 68   |      | 1     | 10          |         | 212         |     |      |
| MOL          | MXD       | MXD  | 240                     | 160 | 320  | 1                              | 56     | 43   |      |       |             |         | 60          |     |      |
| MUD (Mudgee) | A         | E    | 72                      | 0   | 240  |                                |        |      |      |       |             |         | 4           |     |      |
| MUD          | H         | R    | 12                      | 0   | 80   |                                |        |      |      |       |             |         |             |     |      |
| MUD          | H         | E    | 996                     | 520 | 2360 | 14                             | 62     | 6    |      | 18    |             |         | 32          |     |      |
| MUD          | A         | E    | 196                     | 0   | 720  |                                | 90     | 10   |      |       |             |         |             |     |      |
| MUD          | A         | E    | 120                     | 0   | 480  |                                | 76     | 24   |      |       |             |         | 4           |     |      |
| MUD          | A         | E    | 392                     | 0   | 1080 |                                | 39     | 61   |      |       |             |         | 32          |     |      |
| MUD          | A         | E    | 96                      | 0   | 360  |                                |        |      |      |       |             |         |             |     |      |
| MUD          | H         | MXD  | 168                     | 0   | 680  |                                |        |      |      |       |             |         | 48          |     |      |
| MUD          | A         | E    | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| MUD          | L         | MXD  | 140                     | 0   | 400  |                                | 32     | 68   |      |       |             |         | 296         |     |      |
| MUD          | A         | E    | 136                     | 0   | 680  |                                | 66     | 11   |      | 24    |             |         |             |     |      |
| MUD          | A         | W    | 1668                    | 200 | 3720 | 99                             | 1      |      |      |       |             |         |             |     |      |
| MUD          | MXD       | MXD  | 720                     | 280 | 1160 |                                | 44     | 54   |      | 2     |             |         | 60          |     |      |
| MUD          | H         | MXD  | 220                     | 160 | 280  | 3                              | 81     | 10   |      | 6     |             |         | 60          |     |      |
| MUD          | A         | E    | 200                     | 200 | 200  |                                | 55     | 44   |      |       | 1           |         | 20          |     |      |
| MUD          | H         | R    | 768                     | 160 | 1320 | 64                             | 15     | 21   |      |       |             |         | 56          |     |      |

| 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 |
| MUD           | H         | E   | 272                     | 0   | 960  | 43                             | 35     | 22   |      |       |             |         | 60          |     |      |
| MUD           | L         | MXD | 784                     | 200 | 1520 |                                |        |      |      |       |             |         | 8           |     |      |
| MUD           | A         | W   | 164                     | 0   | 600  | 97                             | 3      |      |      |       |             |         | 16          |     |      |
| MUD           | A         | E   | 424                     | 40  | 1160 | 9                              | 60     | 26   | 5    |       |             |         |             |     |      |
| MUD           | H         | E   | 160                     | 0   | 360  | 14                             | 55     | 18   | 10   | 3     |             |         | 8           |     |      |
| MUD           | A         | E   | 288                     | 0   | 760  | 18                             | 41     | 5    | 36   |       |             |         | 8           |     |      |
| MUD           | A         | E   | 544                     | 0   | 1800 | 2                              | 61     | 29   | 7    | 1     |             |         | 16          |     |      |
| MUD           | A         | E   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| MUD           | L         | MXD | 107                     | 0   | 280  | 4                              | 45     | 33   | 3    | 15    |             |         | 22          |     |      |
| MUD           | A         | E   | 272                     | 0   | 1040 | 19                             | 46     | 31   | 3    | 1     |             |         | 12          |     |      |
| MUD           | H         | MXD | 1472                    | 440 | 3560 | 74                             | 7      | 13   | 6    |       |             |         | 96          |     |      |
| MUD           | A         | MXD | 1792                    | 0   | 5000 | 95                             | 4      | 1    |      |       |             |         | 12          |     |      |
| MUD           | A         | E   | 740                     | 480 | 1000 | 78                             | 19     | 3    |      |       |             |         | 80          |     |      |
| MUD           | H         | W   | 460                     | 80  | 840  |                                | 50     | 29   | 20   | 1     |             |         | 8           |     |      |
| MUD           | H         | E   | 120                     | 80  | 160  | 3                              | 49     | 1    | 44   | 3     |             |         |             |     |      |
| NYN (Nyngan)  | A         | E   | 700                     | 840 | 560  |                                |        |      |      |       |             |         |             |     |      |
| NYN           | MXD       | E   | 1360                    | 640 | 2080 |                                |        |      |      |       |             |         |             |     |      |
| WAL (Walgett) | H         | W   | 1000                    | 960 | 1040 |                                | 89     | 11   |      |       |             |         |             |     |      |
| YOU (Young)   | W         | MXD | 480                     | 360 | 600  |                                |        |      |      |       |             |         | 260         |     |      |
| YOU           | L         | MXD | 0                       | 0   | 0    |                                | 35     | 65   |      |       |             |         |             |     |      |
| YOU           | L         | MXD | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU           | A         | E   | 16                      | 0   | 160  |                                |        |      |      |       |             |         |             |     |      |
| YOU           | A         | E   | 240                     | 240 | 240  |                                |        |      |      |       |             |         | 20          |     |      |
| YOU           | A         | E   | 180                     | 160 | 200  |                                |        |      |      |       |             |         |             |     |      |
| YOU           | A         | E   | 20                      | 0   | 40   |                                |        |      |      |       |             |         |             |     |      |
| YOU           | W         | MXD | 20                      | 0   | 40   |                                | 3      | 2    |      |       |             |         |             |     |      |
| YOU           | W         | MXD | 0                       | 0   | 0    |                                | 4      |      |      |       |             |         |             |     |      |
| YOU           | L         | MXD | 100                     | 40  | 160  |                                |        |      |      |       |             |         | 320         |     |      |
| YOU           | W         | MXD | 300                     | 280 | 320  |                                |        |      |      |       |             |         | 80          |     |      |
| YOU           | A         | E   | 140                     | 0   | 280  |                                |        |      |      |       |             |         | 20          |     |      |
| YOU           | A         | E   | 200                     | 200 | 200  |                                |        |      |      |       |             |         | 220         |     |      |
| YOU           | H         | E   | 120                     | 80  | 160  |                                |        |      |      |       |             |         |             |     |      |
| YOU           | A         | E   | 280                     | 200 | 360  |                                |        |      |      |       |             |         |             |     |      |
| YOU           | A         | E   | 200                     | 80  | 320  |                                |        |      |      |       |             |         | 20          |     |      |
| YOU           | A         | E   | 380                     | 200 | 560  |                                |        |      |      |       |             |         | 20          |     |      |
| YOU           | W         | E   | 192                     | 0   | 1280 | 23                             | 60     | 17   |      |       |             |         | 40          |     |      |

The Coolah district straddles the Mudgee and Coonabarabran RLPBs

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| 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 |
| DUB  | H   | E   | 1960      | 1160 | 2760 | 71                      | 12  | 3    | 14                             |        |      |      |       |             | 120     |             |     |      |
| DUB  | A   | E   | 280       | 40   | 840  |                         | 86  | 14   |                                |        |      |      |       |             |         |             |     |      |
| DUB  | A   | E   | 2420      | 2200 | 2640 | 60                      | 12  |      | 28                             |        |      |      |       |             | 120     |             |     |      |
| DUB  | H   | E   | 460       | 400  | 520  | 73                      | 22  | 4    | 1                              |        |      |      |       |             |         |             |     |      |
| DUB  | A   | E   | 452       | 0    | 840  | 5                       | 41  | 26   | 28                             |        |      |      |       |             | 4       |             |     |      |
| DUB  | H   | E   | 700       | 480  | 920  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| DUB  | L   | E   | 220       | 200  | 240  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| DUB  | L   | MXD | 388       | 160  | 880  |                         |     |      |                                |        |      |      |       |             | 128     |             |     |      |
| DUB  | A   | E   | 200       | 0    | 400  | 57                      | 29  | 14   |                                |        |      |      |       |             |         |             |     |      |
| DUB  | A   | E   | 1040      | 120  | 2000 | 1                       | 69  | 10   | 20                             |        |      |      |       |             | 24      |             |     |      |
| DUB  | MXD | MXD | 0         | 0    | 0    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| DUB  | L   | E   | 468       | 40   | 1000 |                         |     |      |                                |        |      |      |       |             | 68      |             |     |      |
| DUB  | L   | MXD | 356       | 40   | 560  |                         |     |      |                                |        |      |      |       |             | 140     |             |     |      |
| FOR  | A   | E   | 0         | 0    | 0    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| FOR  | ?   | ?   | 16        | 0    | 120  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| FOR  | MXD | MXD | 116       | 0    | 360  |                         |     |      |                                |        |      |      |       |             | 28      |             |     |      |
| FOR  | MXD | MXD | 52        | 0    | 120  |                         |     |      |                                |        |      |      |       |             | 12      |             |     |      |
| FOR  | MXD | MXD | 368       | 80   | 880  |                         |     |      |                                |        |      |      |       |             | 24      |             |     |      |
| FOR  | A   | E   | 1380      | 840  | 1920 |                         |     |      |                                |        |      |      |       |             | 20      |             |     |      |
| FOR  | W   | MXD | 260       | 240  | 280  | 8                       | 66  | 26   |                                |        |      |      |       |             | 140     |             |     |      |
| FOR  | W   | MXD | 500       | 440  | 560  | 2                       | 48  | 50   |                                |        |      |      |       |             | 340     |             |     |      |
| FOR  | A   | E   | 120       | 0    | 240  | 76                      | 11  | 4    | 9                              |        |      |      |       |             |         |             |     |      |
| FOR  | L   | MXD | 3900      | 400  | 6080 | 54                      | 10  | 34   | 2                              |        |      |      |       |             | 516     |             |     |      |
| FOR  | A   | E   | 720       | 560  | 880  |                         |     |      |                                |        |      |      |       |             | 40      |             |     |      |
| FOR  | L   | MXD | 320       | 280  | 360  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| FOR  | A   | R   | 0         | 0    | 0    |                         |     |      |                                |        |      |      |       |             | 60      |             |     |      |
| FOR  | MXD | MXD | 4         | 0    | 40   |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| FOR  | L   | MXD | 16        | 0    | 40   |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| FOR  | MXD | MXD | 460       | 0    | 920  |                         | 86  | 14   |                                |        |      |      |       |             |         |             |     |      |
| MOL  | A   | E   | 120       | 0    | 520  |                         |     |      |                                |        |      |      |       |             | 12      |             |     |      |
| MOL  | H   | MXD | 500       | 400  | 600  | 62                      | 7   | 24   | 7                              |        |      |      |       |             | 40      |             |     |      |
| MOL  | A   | E   | 208       | 0    | 800  | 39                      | 23  | 38   |                                |        |      |      |       |             | 4       |             |     |      |
| MOL  | A   | E   | 112       | 0    | 280  |                         |     |      |                                |        |      |      |       |             | 4       |             |     |      |
| MOL  | L   | MXD | 52        | 0    | 200  |                         |     |      |                                |        |      |      |       |             | 40      |             |     |      |
| MOL  | A   | E   | 920       | 0    | 3600 |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MOL  | L   | MXD | 0         | 0    | 0    |                         |     |      |                                |        |      |      |       |             | 20      |             |     |      |
| MOL  | ?   | E   | 240       | 240  | 240  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MOL  | L   | MXD | 40        | 0    | 80   |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MOL  | MXD | MXD | 576       | 40   | 1560 |                         | 35  | 13   | 45                             | 7      |      |      |       |             | 24      |             |     |      |
| MOL  | A   | E   | 592       | 40   | 1480 | 5                       | 84  | 5    | 4                              | 2      |      |      |       |             | 40      |             |     |      |
| MOL  | A   | E   | 388       | 40   | 1480 | 30                      | 48  | 8    | 14                             |        |      |      |       |             | 4       |             |     |      |
| MOL  | A   | MXD | 624       | 0    | 2200 | 64                      | 22  | 8    | 6                              |        |      |      |       |             | 12      |             |     |      |
| MUD  | L   | MXD | 88        | 0    | 280  |                         |     |      |                                |        |      |      |       |             | 96      |             |     |      |
| MUD  | A   | E   | 596       | 0    | 3520 |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MUD  | L   | MXD | 80        | 0    | 320  |                         |     |      |                                |        |      |      |       |             | 36      |             |     |      |
| MUD  | A   | MXD | 0         | 0    | 0    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MUD  | A   | W   | 20        | 0    | 80   |                         |     |      |                                |        |      |      |       |             |         |             |     |      |

| 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 |
| MUD  | H         | R   | 28                      | 0    | 80   |                                | 17     | 70   | 13   |       |             |         | 4           |     |      |
| MUD  | H         | E   | 196                     | 0    | 840  | 38                             | 13     | 29   |      |       |             |         | 60          |     |      |
| MUD  | A         | E   | 260                     | 240  | 280  | 5                              | 37     | 26   | 18   | 14    |             |         |             |     |      |
| MUD  | A         | E   | 840                     | 520  | 1160 | 13                             | 30     | 16   | 34   | 7     |             |         |             |     |      |
| MUD  | A         | E   | 312                     | 0    | 720  |                                |        |      |      |       |             |         |             |     |      |
| MUD  | A         | R   | 500                     | 480  | 520  | 34                             | 33     | 33   |      |       |             |         |             |     |      |
| MUD  | MXD       | E   | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| MUD  | W         | MXD | 8                       | 0    | 40   |                                |        |      |      |       |             |         | 44          |     |      |
| YOU  | A         | E   | 280                     | 120  | 440  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | A         | E   | 40                      | 0    | 80   |                                |        |      |      |       |             |         |             |     |      |
| YOU  | A         | E   | 140                     | 40   | 240  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | H         | E   | 60                      | 0    | 120  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU  | W         | MXD | 1280                    | 1000 | 1560 |                                |        |      |      |       |             |         | 180         |     |      |
| YOU  | W         | MXD | 20                      | 0    | 40   |                                | 2      | 2    |      |       |             |         |             |     |      |
| YOU  | W         | MXD | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 520                     | 480  | 560  |                                | 17     | 73   |      | 10    |             |         | 80          |     |      |
| YOU  | L         | E   | 548                     | 80   | 2360 |                                | 48     | 14   | 39   |       |             |         | 8           |     |      |
| YOU  | L         | MXD | 40                      | 0    | 80   |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | W   | 60                      | 40   | 80   |                                |        |      |      |       |             |         | 140         |     |      |
| YOU  | A         | E   | 200                     | 160  | 240  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | W         | MXD | 300                     | 200  | 400  |                                |        |      |      |       |             |         | 40          |     |      |
| YOU  | H         | E   | 300                     | 240  | 360  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 0                       | 0    | 0    |                                | 9      | 14   |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 0                       | 0    | 0    |                                |        |      |      |       |             |         |             |     |      |
| YOU  | L         | MXD | 1280                    | 1000 | 1560 |                                | 37     | 63   |      |       |             |         | 180         |     |      |
| YOU  | A         | E   | 160                     | 0    | 320  |                                |        |      |      |       |             |         |             |     |      |
| YOU  | A         | E   | 116                     | 0    | 360  |                                | 73     | 21   | 6    |       |             |         |             |     |      |
| YOU  | A         | E   | 472                     | 120  | 1640 |                                | 85     | 8    | 7    |       |             |         |             |     |      |
| YOU  | A         | E   | 132                     | 0    | 320  | 2                              | 48     | 5    | 45   |       |             |         |             |     |      |

| 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       | Mixed   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 0                       | 0   | 0    |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 4                       | 0   | 40   |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 9                       | 0   | 80   |                                |        |      |      |       |             |         |             | 4   | 0    | 40  |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 12                      | 0   | 40   |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 16                      | 0   | 40   | 78                             | 15     | 7    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 20                      | 0   | 40   |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Lambs   | 28                      | 0   | 160  |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 28                      | 0   | 240  |                                |        |      |      |       |             |         |             | 12  | 0    | 80  |
| ARMIDALE | n/a       | Hoggets | 32                      | 0   | 160  |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 44                      | 0   | 440  |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 48                      | 0   | 280  | 5                              | 44     | 46   | 5    | 0     | 7           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Mixed   | 48                      | 0   | 200  | 17                             | 53     | 21   | 7    | 2     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 48                      | 0   | 160  |                                |        |      |      |       | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 60                      | 0   | 240  | 0                              | 90     | 10   | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 72                      | 0   | 480  | 67                             | 22     | 11   | 0    | 0     |             |         |             | 8   | 0    | 40  |
| ARMIDALE | n/a       | Wethers | 72                      | 0   | 320  | 85                             | 10     | 5    | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 80                      | 0   | 360  |                                |        |      |      |       | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 84                      | 0   | 400  | 86                             | 13     | 1    | 0    | 0     |             |         |             | 32  | 0    | 160 |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 88                      | 0   | 320  | 94                             | 4      | 2    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 100                     | 40  | 200  | 0                              | 100    | 0    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 100                     | 0   | 240  | 82                             | 12     | 6    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Lambs   | 100                     | 0   | 240  | 84                             | 7      | 9    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 108                     | 0   | 520  | 0                              | 60     | 40   | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 112                     | 0   | 240  | 72                             | 22     | 6    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 116                     | 40  | 480  | 85                             | 13     | 2    | 0    | 0     |             |         |             | 36  | 0    | 200 |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 124                     | 0   | 320  |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 128                     | 0   | 1040 | 0                              | 93     | 3    | 4    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 152                     | 0   | 1000 | 0                              | 80     | 11   | 9    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 152                     | 0   | 600  | 10                             | 66     | 23   | 1    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 168                     | 0   | 680  | 0                              | 54     | 46   | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 168                     | 0   | 480  | 3                              | 79     | 18   | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 172                     | 0   | 440  | 65                             | 19     | 8    | 8    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Hoggets | 172                     | 40  | 600  | 100                            | 0      | 0    | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 172                     | 0   | 480  |                                |        |      |      |       |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Rams    | 184                     | 0   | 720  | 4                              | 44     | 52   | 0    | 0     |             |         |             | 36  | 0    | 160 |
| ARMIDALE | n/a       | Weaners | 184                     | 0   | 1080 | 70                             | 28     | 2    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 200                     | 0   | 1120 |                                |        |      |      |       | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 204                     | 0   | 480  |                                |        |      |      |       | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 220                     | 0   | 680  | 50                             | 48     | 2    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 224                     | 0   | 560  | 100                            | 0      | 0    | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       |         | 244                     | 40  | 640  | 30                             | 57     | 13   | 0    | 0     |             |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 248                     | 0   | 880  | 3                              | 86     | 11   | 0    | 0     |             |         |             | 12  | 0    | 80  |

| 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 | 260                     |     | 0    | 800                            | 3      | 88   | 9    | 0     | 0           | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Hoggets | 260                     |     | 0    | 960                            | 10     | 87   | 3    | 0     | 0           |         |             | 0   | 0    | 0   |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 272                     |     | 0    | 1000                           | 0      | 90   | 8    | 2     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 280                     |     | 0    | 720                            | 53     | 35   | 4    | 8     | 0           |         |             | 32  | 0    | 80  |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 284                     |     | 0    | 2120                           | 96     | 4    | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 292                     | 40  |      | 880                            | 100    | 0    | 0    | 0     | 0           |         |             | 8   | 0    | 40  |
| ARMIDALE | n/a       | Wethers | 296                     |     | 0    | 840                            |        |      |      |       |             | 1       |             | 8   | 0    | 80  |
| ARMIDALE | n/a       | Ewes    | 316                     | 40  |      | 680                            | 98     | 0    | 1    | 0     | 1           |         |             | 4   | 0    | 40  |
| ARMIDALE | n/a       | Ewes    | 332                     |     | 0    | 520                            | 14     | 33   | 43   | 10    | 0           | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Hoggets | 332                     | 80  |      | 480                            | 19     | 70   | 11   | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Hoggets | 360                     |     | 0    | 960                            | 26     | 49   | 16   | 9     | 0           | 0       |             | 16  | 0    | 80  |
| ARMIDALE | n/a       | Ewes    | 364                     |     | 0    | 1120                           | 31     | 38   | 24   | 7     | 0           | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 372                     |     | 0    | 1440                           |        |      |      |       |             | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 400                     |     | 0    | 1320                           |        |      |      |       |             | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 404                     |     | 0    | 840                            | 1      | 86   | 12   | 1     | 0           | 0       |             | 4   | 0    | 40  |
| ARMIDALE | n/a       | Ewes    | 416                     | 40  |      | 1360                           | 46     | 30   | 24   | 0     | 0           | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 468                     |     | 0    | 1320                           | 21     | 53   | 26   | 0     | 0           |         |             | 28  | 0    | 80  |
| ARMIDALE | n/a       | Ewes    | 468                     |     | 0    | 1160                           | 88     | 1    | 4    | 7     | 0           |         |             | 24  | 0    | 160 |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 484                     |     | 0    | 800                            | 0      | 80   | 20   | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Wethers | 560                     | 80  |      | 1960                           | 69     | 18   | 8    | 3     | 2           |         |             | 60  | 0    | 360 |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 580                     |     | 0    | 2120                           | 98     | 2    | 0    | 0     | 0           | 0       |             | 76  | 0    | 320 |
| ARMIDALE | n/a       | Wethers | 596                     | 40  |      | 1240                           | 93     | 0    | 1    | 6     | 0           |         |             | 20  | 0    | 80  |
| ARMIDALE | n/a       | Ewes    | 600                     |     | 0    | 1520                           | 100    | 0    | 0    | 0     | 0           |         |             | 8   | 0    | 40  |
| ARMIDALE | n/a       | Hoggets | 624                     | 280 |      | 1120                           | 92     | 4    | 4    | 0     | 0           |         |             | 4   | 0    | 40  |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 644                     |     | 0    | 1840                           | 28     | 67   | 5    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 660                     | 40  |      | 2240                           | 73     | 15   | 12   | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 660                     |     | 0    | 1040                           | 95     | 4    | 0    | 0     | 1           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Rams    | 680                     |     | 0    | 5040                           |        |      |      |       |             |         |             | 28  | 0    | 120 |
| ARMIDALE | n/a       | Hoggets | 684                     | 80  |      | 1880                           | 1      | 63   | 35   | 1     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Weaners | 696                     | 240 |      | 1840                           | 49     | 51   | 0    | 0     | 0           |         |             | 16  | 0    | 120 |
| ARMIDALE | n/a       | Hoggets | 700                     | 160 |      | 1240                           | 21     | 55   | 19   | 5     | 0           |         |             | 20  | 0    | 40  |
| ARMIDALE | n/a       | Hoggets | 704                     |     | 0    | 1680                           | 7      | 90   | 3    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Rams    | 716                     | 120 |      | 2440                           | 81     | 14   | 5    | 0     | 0           |         |             | 0   | 0    | 0   |
|          |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |     |
| ARMIDALE | n/a       | lambs   | 792                     | 40  |      | 3040                           | 65     | 13   | 22   | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Ewes    | 800                     | 240 |      | 1720                           | 79     | 10   | 11   | 0     | 0           |         |             | 25  | 0    | 80  |
| ARMIDALE | n/a       | Wethers | 960                     |     | 0    | 3560                           | 95     | 2    | 2    | 1     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Hoggets | 1164                    | 120 |      | 2320                           | 84     | 16   | 0    | 0     | 0           |         |             | 44  | 0    | 160 |
| ARMIDALE | n/a       | Weaners | 1804                    | 80  |      | 3640                           | 80     | 17   | 3    | 0     | 0           |         |             | 44  | 0    | 200 |
| ARMIDALE | n/a       | Weaners | 1856                    | 120 |      | 5680                           | 98     | 1    | 1    | 0     | 0           |         |             | 4   | 0    | 40  |
| ARMIDALE | n/a       | Weaners | 2384                    | 80  |      | 12000                          | 100    | 0    | 0    | 0     | 0           | 0       |             | 0   | 0    | 0   |
| ARMIDALE | n/a       | Rams    | 2770                    |     | 0    | 8280                           |        |      |      |       |             |         |             | 50  | 0    | 200 |
| ARMIDALE | n/a       | Ewes    | 3816                    | 520 |      | 9680                           | 98     | 2    | 0    | 0     | 0           |         |             | 0   | 0    | 0   |
| ARMIDALE | n/a       |         |                         |     |      |                                | 0      | 40   | 40   | 20    | 0           |         |             |     |      |     |
| ARMIDALE | n/a       |         |                         |     |      |                                | 0      | 70   | 17   | 13    | 0           |         |             |     |      |     |
| ARMIDALE | n/a       |         |                         |     |      |                                | 0      | 81   | 13   | 6     | 0           |         |             |     |      |     |
| ARMIDALE | n/a       |         |                         |     |      |                                | 0      | 89   | 5    | 6     | 0           |         |             |     |      |     |

| 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       |                         |      |      |                                | 3      | 66   | 23   | 8     | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 3      | 87   | 10   | 0     | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 7      | 46   | 10   | 37    | 0           |         |             |     |      |
| ARMIDALE             | n/a       | Wethers                 |      |      |                                | 7      | 84   | 9    | 0     | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 13     | 65   | 3    | 19    | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 23     | 58   | 12   | 7     | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 35     | 46   | 8    | 11    | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 44     | 30   | 19   | 7     | 0           |         |             |     |      |
| ARMIDALE             | n/a       | Ewes                    |      |      |                                | 50     | 26   | 24   | 0     | 0           |         |             |     |      |
| ARMIDALE             | n/a       |                         |      |      |                                | 77     | 9    | 9    | 5     | 0           |         |             |     |      |
| ARMIDALE             | n/a       | Weaners                 |      |      |                                | 92     | 3    | 5    | 0     | 0           |         |             |     |      |
| CENTRAL TABLELANDS   | n/a       | Weaners                 | 0    | 0    | 0                              | 0      | 0    | 100  | 0     | 0           |         | 0           | 0   | 0    |
| CONDOBOLIN           | n/a       | Ewes                    | 116  | 0    | 440                            | 0      | 91   | 9    | 0     | 0           |         | 0           | 0   | 0    |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 100  | 0    | 200                            | 0      | 84   | 10   | 6     | 0           |         | 12          | 0   | 80   |
| COONABARABRAN        | n/a       | Ewes                    | 192  | 40   | 360                            | 1      | 69   | 29   | 1     | 0           |         | 8           | 0   | 40   |
| COONABARABRAN        | n/a       | Wethers                 | 304  | 80   | 760                            | 0      | 100  | 0    | 0     | 0           |         | 4           | 0   | 40   |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 388  | 40   | 960                            | 0      | 97   | 2    | 1     | 0           |         | 4           | 0   | 40   |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 396  | 0    | 1200                           | 9      | 89   | 1    | 1     | 0           |         | 0           | 0   | 0    |
| COONABARABRAN        | n/a       | Ewes                    | 420  | 80   | 960                            | 49     | 46   | 5    | 0     | 0           |         | 0           | 0   | 0    |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 500  | 0    | 920                            | 0      | 75   | 13   | 12    | 0           |         | 0           | 0   | 0    |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 588  | 80   | 1400                           | 0      | 84   | 10   | 6     | 0           |         | 8           | 0   | 40   |
| COONABARABRAN        | n/a       | Hoggets                 | 752  | 80   | 3400                           | 100    | 0    | 0    | 0     | 0           |         | 12          | 0   | 80   |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 924  | 40   | 2400                           | 0      | 88   | 5    | 7     | 0           |         | 28          | 0   | 280  |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 996  | 0    | 2160                           | 0      | 94   | 5    | 1     | 0           |         | 0           | 0   | 0    |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONABARABRAN        | n/a       | lambs                   | 1256 | 640  | 2120                           | 14     | 81   | 2    | 3     | 0           |         | 8           | 0   | 40   |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| COONAMBLE            | n/a       | lambs                   | 100  | 0    | 400                            | 83     | 17   | 0    | 0     | 0           |         | 0           | 0   | 0    |
| GOULBURN             | n/a       | Ewes                    | 0    | 0    | 0                              |        |      |      |       |             |         | 0           | 0   | 0    |
| GOULBURN             | n/a       | Ewes                    | 0    | 0    | 0                              |        |      |      |       |             |         | 0           | 0   | 0    |
| GOULBURN             | n/a       | Ewes                    | 500  | 40   | 1280                           | 6      | 64   | 20   | 10    | 0           |         | 0           | 0   | 0    |
| GOULBURN             | n/a       | Ewes                    | 536  | 40   | 1320                           | 15     | 65   | 16   | 4     | 0           |         | 0           | 0   | 0    |
| MAITLAND             | n/a       |                         | 68   | 0    | 240                            | 1      | 85   | 9    | 5     | 0           |         | 0           | 0   | 0    |
| MOREE                | n/a       | Ewes                    | 144  | 0    | 440                            | 96     | 4    | 0    | 0     | 0           |         | 8           | 0   | 40   |
| NARRABRI             | n/a       | Lambs                   | 20   | 0    | 80                             |        |      |      |       |             |         | 16          | 0   | 80   |
|                      |           | Ewes &                  |      |      |                                |        |      |      |       |             |         |             |     |      |
| NARRABRI             | n/a       | lambs                   | 280  | 0    | 640                            | 40     | 50   | 8    | 2     | 0           |         | 0           | 0   | 0    |
| NARRABRI             | n/a       | Ewes                    | 347  | 0    | 1040                           | 99     | 1    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NARRABRI             | n/a       | Ewes                    | 640  | 0    | 1680                           |        |      |      |       |             |         | 0           | 0   | 0    |
| NARRABRI             | n/a       | Weaners                 | 1876 | 0    | 4760                           |        |      |      |       |             |         | 12          | 0   | 80   |
| NORTHERN NEW ENGLAND | n/a       | Wethers                 | 0    | 0    | 0                              | 0      | 0    | 0    | 0     | 0           | 0       | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets                 | 8    | 0    | 40                             | 100    | 0    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes                    | 32   | 0    | 120                            | 36     | 38   | 26   | 0     | 0           | 0       | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes                    | 40   | 0    | 360                            | 100    | 0    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes                    | 84   | 0    | 280                            | 89     | 9    | 2    | 0     | 0           |         | 0           | 0   | 0    |

| 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       | Wethers | 100                     | 0   | 440   | 27                             | 73     | 0    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 116                     | 40  | 240   | 26                             | 58     | 16   | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Wethers | 316                     | 0   | 1360  | 91                             | 9      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 348                     | 0   | 640   | 83                             | 10     | 4    | 3    | 0     |             |         | 8           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Wethers | 388                     | 80  | 680   | 59                             | 36     | 1    | 4    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       |         | 592                     | 0   | 1680  | 95                             | 4      | 1    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 872                     | 400 | 1720  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Wethers | 992                     | 400 | 3040  | 51                             | 47     | 2    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |       |                                |        |      |      |       |             |         |             |     |      |
| NORTHERN NEW ENGLAND | n/a       | lambs   | 1372                    | 40  | 2800  | 97                             | 3      | 0    | 0    | 0     |             |         | 8           | 0   | 80   |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 1400                    | 0   | 4760  | 72                             | 28     | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 1980                    | 0   | 5480  | 90                             | 10     | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN SLOPES      | n/a       | Ewes    | 8584                    | 0   | 18840 | 96                             | 4      | 0    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Wethers | 116                     | 0   | 440   | 1                              | 78     | 6    | 15   | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |       |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 128                     | 0   | 440   |                                |        |      |      |       |             |         | 4           | 0   | 40   |
| TAMWORTH             | n/a       | Ewes    | 328                     | 0   | 960   | 70                             | 14     | 0    | 16   | 0     |             |         | 24          | 0   | 120  |
| TWEED-LISMORE        | n/a       | Ewes    | 0                       | 0   | 0     |                                |        |      |      |       | 0           |         | 0           | 0   | 0    |
| TWEED-LISMORE        | n/a       | Ewes    | 12                      | 0   | 80    |                                |        |      |      |       | 0           |         | 0           | 0   | 0    |
| TWEED-LISMORE        | n/a       | Hoggets | 84                      | 0   | 320   | 0                              | 59     | 7    | 34   | 0     | 0           |         | 0           | 0   | 0    |
| WALGETT              | n/a       | Ewes    | 27                      | 0   | 160   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |       |                                |        |      |      |       |             |         |             |     |      |
| WALGETT              | n/a       | lambs   | 56                      | 0   | 160   | 53                             | 39     | 8    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |       |                                |        |      |      |       |             |         |             |     |      |
| WALGETT              | n/a       | lambs   | 312                     | 0   | 1000  | 69                             | 26     | 4    | 1    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |       |                                |        |      |      |       |             |         |             |     |      |
| YASS                 | n/a       | lambs   | 20                      | 0   | 40    |                                |        |      |      |       | 1           |         | 0           | 0   | 0    |
| YASS                 | n/a       | Hoggets | 36                      | 0   | 120   |                                |        |      |      |       | 2           |         | 12          | 0   | 40   |
| YASS                 | n/a       | Ewes    | 72                      | 0   | 240   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| YASS                 | n/a       | Lambs   | 196                     | 0   | 400   |                                |        |      |      |       |             |         | 108         | 0   | 400  |
| YASS                 | n/a       | Ewes    | 216                     | 40  | 520   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| YASS                 | n/a       | Ewes    | 348                     | 0   | 720   | 0                              | 82     | 6    | 12   | 0     | 0           |         | 4           | 0   | 40   |

| 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    | 84                             |        | 9    | 6    | 1     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Lambs        | 0                       | 0   | 0    |                                |        |      |      |       |             |         | 640         | 0   | 120  |
| ARMIDALE | n/a       | Lambs        | 0                       | 0   | 0    |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 4                       | 0   | 40   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Mixed sex    | 4                       | 0   | 40   |                                |        |      |      |       | 0           |         | 52          | 0   | 240  |
| ARMIDALE | n/a       | Hoggets      | 8                       | 0   | 40   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Mixed sex    | 12                      | 0   | 80   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets      | 24                      | 0   | 80   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets      | 28                      | 0   | 40   | 2                              | 91     |      | 6    | 1     | 0           |         | 4           | 0   | 40   |
| ARMIDALE | n/a       |              | 32                      | 0   | 200  | 0                              | 65     |      | 27   | 8     | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       |              | 36                      | 0   | 200  | 0                              | 68     |      | 32   | 0     | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       | Wethers      | 36                      | 0   | 200  | 1                              | 6      |      | 93   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets      | 44                      | 0   | 200  | 31                             | 64     |      | 5    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Yearlings    | 48                      | 0   | 360  | 28                             | 25     |      | 38   | 9     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets      | 52                      | 0   | 200  | 0                              | 99     |      | 1    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 52                      | 0   | 320  | 0                              | 87     |      | 9    | 4     | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets      | 56                      | 0   | 360  | 0                              | 98     |      | 2    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 56                      | 0   | 160  | 0                              | 62     |      | 38   | 0     | 0           | 0       | 8           | 0   | 80   |
| ARMIDALE | n/a       | Wethers      | 68                      | 0   | 160  | 25                             | 1      |      | 74   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       |              | 72                      | 0   | 240  | 0                              | 93     |      | 6    | 1     | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 72                      | 0   | 280  |                                |        |      |      |       | 0           |         | 36          | 0   | 200  |
| ARMIDALE | n/a       | Hoggets      | 76                      | 0   | 280  | 0                              | 99     |      | 1    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 76                      | 0   | 440  | 1                              | 30     |      | 69   | 0     | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       | Wethers      | 76                      | 0   | 480  | 44                             | 32     |      | 24   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 84                      | 0   | 200  | 0                              | 100    |      | 0    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Lambs        | 84                      | 0   | 360  | 6                              | 66     |      | 26   | 2     | 0           |         | 36          | 0   | 200  |
| ARMIDALE | n/a       | Ewes         | 84                      | 0   | 360  | 22                             | 54     |      | 16   | 8     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Rams         | 84                      | 0   | 240  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 88                      | 0   | 200  | 9                              | 75     |      | 16   | 0     | 0           |         | 8           | 0   | 40   |
| ARMIDALE | n/a       | Wethers      | 100                     | 40  | 200  |                                |        |      |      |       |             |         | 48          | 0   | 240  |
| ARMIDALE | n/a       | Ewes         | 108                     | 0   | 880  | 68                             | 17     |      | 15   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 116                     | 0   | 400  | 89                             | 0      |      | 11   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 120                     | 0   | 400  | 57                             | 38     |      | 5    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 128                     | 0   | 360  | 36                             | 28     |      | 29   | 7     | 0           | 0       | 4           | 0   | 40   |
| ARMIDALE | n/a       | Ewes         | 128                     | 40  | 240  | 41                             | 37     |      | 12   | 10    | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 132                     | 0   | 240  |                                |        |      |      |       | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Wethers      | 136                     | 0   | 360  | 11                             | 37     |      | 33   | 19    | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Wethers      | 140                     | 0   | 480  | 0                              | 60     |      | 21   | 19    | 0           | 0       | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes         | 148                     | 0   | 560  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Weaners      | 152                     | 0   | 440  | 8                              | 20     |      | 72   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes & lambs | 164                     | 0   | 1080 | 73                             | 15     |      | 9    | 3     | 0           |         | 8           | 0   | 40   |

| 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       | Mixed sex | 168                     | 0   | 480  | 65                             | 13     | 22   | 0    | 0     |             |         | 20          | 0   | 80   |
| ARMIDALE | n/a       | Ewes      | 176                     | 0   | 920  | 0                              | 93     | 7    | 0    | 0     | 0           |         | 0           | 0   | 0    |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 192                     | 0   | 520  | 5                              | 43     | 17   | 35   | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes      | 196                     | 0   | 480  | 77                             | 9      | 14   | 0    | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes      | 200                     | 0   | 600  | 4                              | 67     | 27   | 2    | 0     |             |         | 12          | 0   | 40   |
| ARMIDALE | n/a       | Hoggets   | 224                     | 40  | 800  | 25                             | 44     | 25   | 6    | 0     |             |         | 12          | 0   | 40   |
| ARMIDALE | n/a       | Wethers   | 236                     | 80  | 400  | 59                             | 31     | 10   | 0    | 0     |             |         | 40          | 0   | 200  |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 244                     | 0   | 440  | 2                              | 56     | 42   | 0    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 252                     | 40  | 760  | 73                             | 17     | 9    | 1    | 0     |             |         | 20          | 0   | 80   |
| ARMIDALE | n/a       | Ewes      | 252                     | 0   | 480  |                                |        |      |      |       | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 271                     | 0   | 800  | 1                              | 97     | 2    | 0    | 0     |             |         | 0           | 0   | 0    |
|          |           |           |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | Mixed sex | 280                     | 40  | 760  | 8                              | 19     | 73   | 0    | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 284                     | 0   | 800  | 89                             | 11     | 0    | 0    | 0     |             |         | 84          | 0   | 400  |
| ARMIDALE | n/a       | Ewes      | 296                     | 80  | 520  | 1                              | 79     | 19   | 1    | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes      | 296                     | 40  | 880  | 12                             | 25     | 46   | 17   | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes      | 304                     | 0   | 800  | 100                            | 0      | 0    | 0    | 0     |             |         | 4           | 0   | 40   |
| ARMIDALE | n/a       | Ewes      | 312                     | 0   | 600  |                                |        |      |      |       |             |         | 4           | 0   | 40   |
| ARMIDALE | n/a       | Ewes      | 348                     | 0   | 880  | 99                             | 1      | 0    | 0    | 0     |             |         | 4           | 0   | 40   |
| ARMIDALE | n/a       | Wethers   | 352                     | 40  | 720  | 5                              | 74     | 14   | 7    | 0     |             |         | 4           | 0   | 40   |
| ARMIDALE | n/a       | Hoggets   | 372                     | 0   | 680  | 82                             | 12     | 6    | 0    | 0     |             |         | 12          | 0   | 80   |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 404                     | 0   | 1480 | 9                              | 67     | 24   | 0    | 0     | 0           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 424                     | 120 | 1040 | 100                            | 0      | 0    | 0    | 0     |             |         | 4           | 0   | 40   |
| ARMIDALE | n/a       | Ewes      | 428                     | 0   | 1320 | 27                             | 41     | 17   | 15   | 0     | 1           |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 448                     | 200 | 1400 | 59                             | 38     | 3    | 0    | 0     |             |         | 40          | 0   | 160  |
| ARMIDALE | n/a       | Wethers   | 464                     | 160 | 1320 | 100                            | 0      | 0    | 0    | 0     |             |         | 48          | 0   | 200  |
| ARMIDALE | n/a       | Lambs     | 504                     | 200 | 760  | 4                              | 87     | 2    | 2    | 5     |             |         | 120         | 0   | 280  |
| ARMIDALE | n/a       | Ewes      | 576                     | 40  | 1480 | 99                             | 1      | 0    | 0    | 0     |             |         | 12          | 0   | 40   |
| ARMIDALE | n/a       | Lambs     | 580                     | 0   | 2920 | 72                             | 10     | 18   | 0    | 0     |             |         | 12          | 0   | 80   |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 852                     | 40  | 1480 | 93                             | 4      | 2    | 1    | 0     |             |         | 0           | 0   | 0    |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 1004                    | 0   | 2520 | 94                             | 3      | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 1008                    | 40  | 3200 | 100                            | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 1288                    | 40  | 2800 | 51                             | 41     | 7    | 1    | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Hoggets   | 1904                    | 840 | 3240 | 83                             | 15     | 1    | 1    | 0     |             |         | 16          | 0   | 80   |
| ARMIDALE | n/a       | Ewes      | 2168                    | 40  | 6080 | 96                             | 0      | 1    | 3    | 0     |             |         | 0           | 0   | 0    |
|          |           | Ewes &    |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| ARMIDALE | n/a       | lambs     | 2816                    | 0   | 7240 | 100                            | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| ARMIDALE | n/a       | Ewes      |                         |     |      | 0                              | 89     | 9    | 2    | 0     |             |         |             |     |      |
| ARMIDALE | n/a       |           |                         |     |      | 0                              | 73     | 16   | 11   | 0     |             |         |             |     |      |
| ARMIDALE | n/a       | Ewes      |                         |     |      | 35                             | 46     | 17   | 2    | 0     | 0           |         |             |     |      |



| 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    |                         |     |      | 78                             | 11     | 11   | 0    | 0     | 0           |         |             |     |      |
| ARMIDALE             | n/a       | Ewes    |                         |     |      | 87                             | 10     | 3    | 0    | 0     | 0           |         |             |     |      |
| CONDOBOLIN           | n/a       | Rams    | 664                     | 0   | 2040 | 0                              | 98     | 2    | 0    | 0     |             |         | 32          | 0   | 120  |
| COOMA                | n/a       | Ewes    | 32                      | 0   | 80   | 0                              | 87     | 13   | 0    | 0     | 0           |         | 16          | 0   | 120  |
| COOMA                | n/a       | Ewes    | 64                      | 0   | 240  | 35                             | 48     | 17   | 0    | 0     |             |         | 0           | 0   | 0    |
| COONAMBLE            | n/a       | Ewes    | 528                     | 0   | 1400 | 71                             | 15     | 11   | 3    | 0     |             |         | 0           | 0   | 0    |
| HUME                 | n/a       | Ewes    | 28                      | 0   | 160  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| HUME                 | n/a       | Ewes    | 108                     | 0   | 320  | 0                              | 73     | 27   | 0    | 0     |             |         | 0           | 0   | 0    |
| HUME                 | n/a       | Ewes    | 112                     | 0   | 360  | 2                              | 23     | 75   | 0    | 0     |             |         | 0           | 0   | 0    |
| HUME                 | n/a       | Weaners | 424                     | 40  | 1400 | 0                              | 89     | 10   | 1    | 0     |             |         | 60          | 0   | 200  |
| HUME                 | n/a       | Ewes    | 528                     | 40  | 1600 | 1                              | 85     | 12   | 2    | 0     |             |         | 0           | 0   | 0    |
| HUME                 | n/a       | Ewes    | 536                     | 0   | 1520 | 1                              | 70     | 27   | 2    | 0     |             |         | 28          | 0   | 120  |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MOREE                | n/a       | lambs   | 1712                    | 0   | 6800 | 97                             | 3      | 0    | 0    | 0     |             |         | 16          | 0   | 120  |
| MOREE                | n/a       | Ewes    | 1768                    | 80  | 3240 | 96                             | 4      | 0    | 0    | 0     |             |         | 44          | 0   | 320  |
| MUDGEE               | n/a       | Wethers | 212                     | 0   | 560  | 22                             | 44     | 31   | 3    | 0     |             |         | 0           | 0   | 0    |
| MUDGEE               | n/a       | Ewes    | 320                     | 120 | 680  | 0                              | 83     | 16   | 1    | 0     |             |         | 24          | 0   | 200  |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| MUDGEE               | n/a       | lambs   | 576                     | 0   | 1440 | 57                             | 20     | 15   | 8    | 0     |             |         | 0           | 0   | 0    |
| MUDGEE               | n/a       | Weaners | 756                     | 200 | 1440 | 58                             | 7      | 34   | 1    | 0     |             |         | 40          | 0   | 160  |
| MUDGEE               | n/a       | Ewes    | 804                     | 80  | 1480 | 49                             | 35     | 13   | 3    | 0     | 0           |         | 4           | 0   | 40   |
| NARRABRI             | n/a       | Lambs   | 12                      | 0   | 40   | 88                             | 9      | 2    | 0    | 1     |             |         | 12          | 0   | 120  |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 0                       | 0   | 0    | 0                              | 100    | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 0                       | 0   | 0    | 71                             | 23     | 6    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 36                      | 0   | 200  | 98                             | 2      | 0    | 0    | 0     |             |         | 40          | 0   | 120  |
| NORTHERN NEW ENGLAND | n/a       | Mixed   | 48                      | 0   | 280  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 56                      | 0   | 240  | 3                              | 74     | 8    | 15   | 0     |             |         | 24          | 0   | 120  |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 96                      | 0   | 280  | 77                             | 0      | 1    | 22   | 0     | 0           |         | 12          | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 104                     | 0   | 200  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 108                     | 0   | 240  | 90                             | 7      | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 156                     | 0   | 440  | 85                             | 12     | 3    | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 172                     | 0   | 360  | 91                             | 1      | 1    | 7    | 0     |             |         | 12          | 0   | 80   |
| NORTHERN NEW ENGLAND | n/a       | Wethers | 222                     | 0   | 640  |                                |        |      |      |       |             |         | 4           | 0   | 40   |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| NORTHERN NEW ENGLAND | n/a       | lambs   | 224                     | 0   | 720  | 76                             | 10     | 14   | 0    | 0     | 0           |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Mixed   | 232                     | 0   | 1960 | 77                             | 10     | 12   | 1    | 0     | 18          |         | 40          | 0   | 360  |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 252                     | 0   | 680  | 48                             | 31     | 21   | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 260                     | 80  | 720  | 96                             | 1      | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Weaners | 276                     | 40  | 800  | 70                             | 8      | 20   | 2    | 0     |             |         | 4           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 352                     | 0   | 1000 | 100                            | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       |         | 360                     | 40  | 960  | 56                             | 22     | 19   | 3    | 0     |             |         | 8           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 392                     | 160 | 960  | 100                            | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 428                     | 120 | 840  | 39                             | 6      | 51   | 4    | 0     |             |         | 4           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 432                     | 40  | 1360 | 97                             | 2      | 0    | 1    | 0     |             |         | 28          | 0   | 120  |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 460                     | 0   | 1200 | 61                             | 20     | 17   | 2    | 0     |             |         | 4           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Wethers | 536                     | 120 | 1240 | 76                             | 23     | 1    | 0    | 0     | 0           |         | 12          | 0   | 40   |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| NORTHERN NEW ENGLAND | n/a       | lambs   | 560                     | 120 | 1360 | 57                             | 32     | 8    | 3    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| NORTHERN NEW ENGLAND | n/a       | lambs   | 580                     | 0   | 1400 | 95                             | 2      | 3    | 0    | 0     |             |         | 8           | 0   | 40   |

| 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       |         | 584                     | 0   | 1760 | 98                             | 2      | 0    | 0    | 0     |             |         | 4           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 612                     | 320 | 1160 | 39                             | 19     | 42   | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 696                     | 200 | 1760 | 100                            | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 736                     | 120 | 2600 | 72                             | 23     | 5    | 0    | 0     |             |         | 4           | 0   | 40   |
| NORTHERN NEW ENGLAND | n/a       |         | 796                     | 0   | 4560 | 87                             | 13     | 0    | 0    | 0     |             |         | 16          | 0   | 160  |
| NORTHERN NEW ENGLAND | n/a       | Ewes    | 812                     | 160 | 1880 | 74                             | 26     | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NORTHERN NEW ENGLAND | n/a       | Hoggets | 1928                    | 160 | 5160 | 97                             | 0      | 0    | 0    | 3     |             |         | 92          | 0   | 440  |
| NYNGAN               | n/a       | Mixed   | 0                       | 0   | 0    | 0                              | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 0                       | 0   | 0    | 0                              | 100    | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 0                       | 0   | 0    | 0                              | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 0                       | 0   | 0    | 0                              | 0      | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 8                       | 0   | 40   | 0                              | 63     | 4    | 33   | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 20                      | 0   | 80   | 0                              | 92     | 4    | 4    | 0     |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       |         | 20                      | 0   | 80   |                                |        |      |      |       |             |         | 0           | 0   | 0    |
| NYNGAN               | n/a       | Mixed   | 28                      | 0   | 120  | 0                              | 81     | 5    | 14   | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| NYNGAN               | n/a       | lambs   | 744                     | 0   | 1800 | 12                             | 79     | 9    | 0    | 0     |             |         | 4           | 0   | 40   |
| TAMWORTH             | n/a       | Ewes    | 44                      | 0   | 160  |                                |        |      |      |       |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 60                      | 0   | 200  | 99                             | 0      | 0    | 1    | 0     |             |         | 40          | 0   | 240  |
| TAMWORTH             | n/a       | Wethers | 64                      | 0   | 160  |                                |        |      |      |       |             |         | 4           | 0   | 40   |
| TAMWORTH             | n/a       | Ewes    | 104                     | 0   | 600  | 62                             | 38     | 0    | 0    | 0     |             |         | 0           | 0   | 0    |
| TAMWORTH             | n/a       | Ewes    | 196                     | 0   | 720  | 88                             | 9      | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 272                     | 0   | 600  | 0                              | 80     | 16   | 4    | 0     |             |         | 0           | 0   | 0    |
| TAMWORTH             | n/a       | Ewes    | 284                     | 80  | 560  | 84                             | 13     | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 356                     | 0   | 1080 | 99                             | 1      | 0    | 0    | 0     |             |         | 16          | 0   | 120  |
| TAMWORTH             | n/a       | Ewes    | 412                     | 0   | 1200 | 49                             | 48     | 3    | 0    | 0     |             |         | 0           | 0   | 0    |
| TAMWORTH             | n/a       | Ewes    | 428                     | 40  | 1120 | 85                             | 13     | 2    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 708                     | 0   | 2000 | 55                             | 35     | 9    | 1    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 980                     | 0   | 2680 | 99                             | 0      | 1    | 0    | 0     |             |         | 12          | 0   | 80   |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| TAMWORTH             | n/a       | lambs   | 1180                    | 120 | 3000 | 88                             | 11     | 1    | 0    | 0     |             |         | 4           | 0   | 40   |
| TAMWORTH             | n/a       | Hoggets | 1456                    | 280 | 4680 | 56                             | 40     | 4    | 0    | 0     |             |         | 0           | 0   | 0    |
|                      |           | Ewes &  |                         |     |      |                                |        |      |      |       |             |         |             |     |      |
| WALGETT              | n/a       | lambs   | 140                     | 0   | 440  | 6                              | 81     | 13   | 0    | 0     |             |         | 0           | 0   | 0    |
| WALGETT              | n/a       | Mixed   | 220                     | 0   | 720  | 0                              | 84     | 8    | 8    | 0     |             |         | 36          | 0   | 80   |
| YASS                 | n/a       | Ewes    | 12                      | 0   | 40   |                                |        |      |      |       |             | 0       | 8           | 0   | 80   |
| YASS                 | n/a       | Ewes    | 52                      | 0   | 200  | 0                              | 76     | 24   | 0    | 0     |             |         | 0           | 0   | 0    |
| YASS                 | n/a       | Ewes    | 56                      | 0   | 120  |                                |        |      |      |       |             |         | 12          | 0   | 120  |
| YASS                 | n/a       |         | 100                     | 0   | 240  |                                |        |      |      |       |             | 0       | 0           | 0   | 0    |
| YASS                 | n/a       | Mixed   | 380                     | 80  | 800  | 0                              | 39     | 47   | 14   | 0     |             | 0       | 16          | 0   | 80   |