

Meat & Wool New Zealand Monitor Farms Faecal Egg Count Reduction Test (FECRT) Results 2008-09

All samples were tested using the same test protocol and range of drench actives. Each row shows FECRT results across a range of actives for a single Monitor Farm.

Full results are available from Meat & Wool New Zealand's Farm Services on request, freephone 0800 696 328.

KEY

OK = drench effective **NO** = drench resistance **X** = not tested
? = use drench active cautiously some resistance evident

Bz = Benzimidazoles **Lev** = Levamisoles **Inver** = Ivermectin
Aba = Abamectin **Moxi** = Moxidectin

Subscript shows drench active is not effective against:

O = Ostertagia **T** = Trichostrongylus **N** = Nematodirus **H** = Haemonchus
Co = Cooperia **Ch** = Chabertia et al, including Trichuris Ovis, Oesophagstomum

The same abbreviations are used for the pre-FECRT larval cultures.

Farm ID	Bz	Lev	Bz/ Lev	Iver 1/2	Iver full	Aba	Moxi	Aba/ Lev	Pre-FECRT larval cultures % breakdown
1	NO T,N,Co	OK	OK	? N,Co	?	OK	OK	X	58% Co 21% T 12% N 7% Ch et al
2	? N	OK	OK	OK	OK	OK	OK	X	54% T 21% N 13% Ch et al 6% O 6% Co
3 a	NO O,T, N,Co	NO O,T	?	NO O,N	NO	OK	OK	X	43% Co 29% T 18% O 5% Ch et al 5% N

Farm ID	Bz	Lev	Bz/ Lev	Iver 1/2	Iver full	Aba	Moxi	Aba/ Lev	Pre-FECRT larval cultures % breakdown
4	? N	OK N	OK	OK	OK	OK	OK	X	59% T 14% O 12% Ch et al 12% N 3% Co
5	NO O,T, N,Ch	OK	OK	OK	OK	OK	OK		63% T 22% Ch et al 7% O 7%N 1 % Co
7	OK	OK	OK	OK	OK	OK	OK	X	55% T 27% Co 10% N 5% O 3% Ch et al
8	? N	OK	OK	OK	OK	OK	OK		49% T 29% Co 10% N 5% H 4% Ch et al 3% O
9	NO O,N	? O	? O	NO O,N	NO O,N	OK	OK		51% T 22% Ch et al 22% N 3% O 2% Co
10	OK	OK	OK	OK	OK	OK	OK	X	54% Co 25% T 13% Ch et al 5% N 3% O
11	NO N	NO O	? O	NO O,T,N	NO O,N	OK	OK		39% O 34% T 27% N
12	NO O,N	NO O	? O	NO O	NO O	OK	OK		54% T 26% Ch et al 20% N
13	NO O,Co	OK	OK	? O	? O	OK	OK		50% T 36% Co 9% H 4% N 1% Ch et al

O = Ostertagia T = Trichostrongylus N = Nematodirus H = Haemonchus
Co = Cooperia Ch = Chabertia et al, including Trichuris Ovis, Oesophagostomum

Farm ID	Bz	Lev	Bz/ Lev	Iver 1/2	Iver full	Aba	Moxi	Aba/ Lev	Pre-FECRT larval cultures % breakdown
14	NO O,T,N, H,Co	NO O,T	NO O,T	NO O,T,N, H,Co	NO O,T,Co	? Co	OK		58% H 20% T 17% Co 2% O 2% Ch et al 1% N
15	NO O,T,N, H,Co	OK	OK	? N	? O	OK	OK		62% H 29% Co 6% T 2% O 1% N
16	NO O,N,Co	NO N	? O	NO N,Co	NO Co	OK	OK		55% Co 17% T 11% Ch et al 7% N 6% O 4 % Ha
18	OK	OK	OK	OK N	OK	OK	OK	X	37% T 22% O 18% N 16% Ch et al 5% Co 2% H
19	NO T,N,H, Co	? O	OK	? O,N,H, Co	? O	OK	OK		77% Co 8% T 4% O 4% H 4% N 3% Ch et al
20	NO O,N,	? O	? O	NO N	NO O	OK	OK		40% T 29% Ch et al 13% N 9% O 6% Co 3% H
22	NO T,N	NO O,N	? O	NO	NO O,T, N,Co	OK	OK		36% Co 32% T 14% N 9% O 8%Ch et al 1% H
23	NO N	OK N	OK	? O,T, N,Co	? O	OK	OK		59% H 27% Co 10% T 3% N 1% O

O = Ostertagia T = Trichostrongylus N = Nematodirus H = Haemonchus
Co = Cooperia Ch = Chabertia et al, including Trichuris Ovis, Oesophagostomum

Farm ID	Bz	Lev	Bz/ Lev	Iver 1/2	Iver full	Aba	Moxi	Aba/ Lev	Pre-FECRT larval cultures % breakdown
25	NO H	OK	OK	NO N,Co	NO N,Co	OK	OK		45% Co 20% T 19% H 14% O 2% N
CATTLE									
26	NO O,Co	NO O	?	NO	NO	X	X	OK	95% Co 3% O 2% T
27	NO O,Co	NO O	OK	X	NO	X	X	OK	93% Co 5% O 2% T