

MFS Worms Group
Do not drag your feet.....



Monaro Farming Systems

Nimmitabel June 2016

- Worms Group
- Client Advisory Groups
- Resistance Testing
- Trends and issues that I see
- What of the future

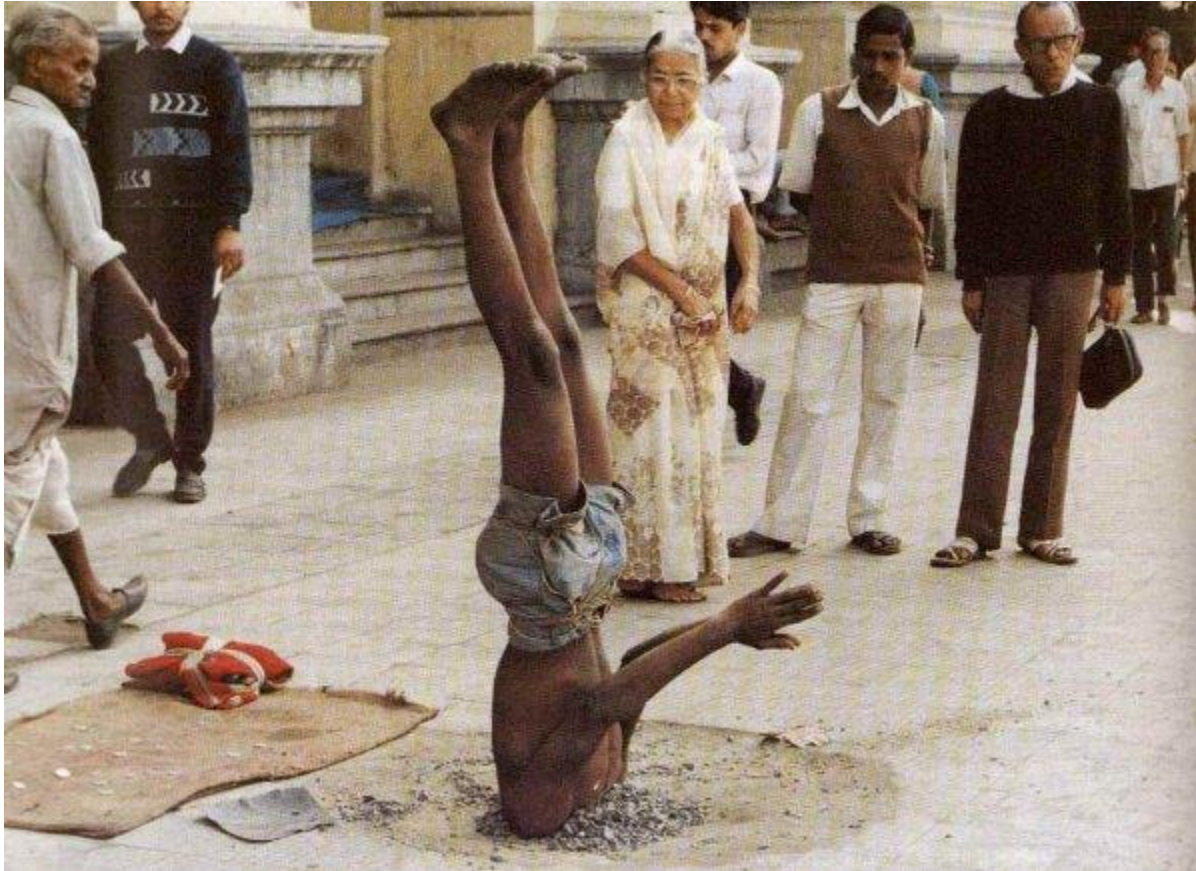
Client Advisory Groups

- Understanding participant's sheep operation and priorities.
- The participant's property's strengths and weaknesses.
- Assessing sheep condition and available pasture.
- Understanding energy and protein requirements for breeding ewes, rams, weaners and lambs, as well as the role of trace elements.
- Grazing management.
- Nutritional budgeting.

Client Advisory Groups

- Ideal breeding calendar.
- The best supplementary/complementary feed, relative to the sheep's needs throughout the breeding/growing year.
- Management of worms, lice and flies.
- Identifying and managing diseases.
- The right product for the right problem (and applying it correctly!)
- Biosecurity management.
- Management strategies for below average seasons.
- Subdivision and yard design.
- Sheep handling systems

If I don't see it, it must be ok



test 2	Control	Lev	Lev / Valb	Triple	Half Moxi	Full Moxi	Ram / Valb	Clos
Average Count (WEC)	2892	110	68	20	690	340	20	596
Efficacy (%)	0%	96.5	97.6	99.3	76.1	88.2	99.3	79.4
Black Scour Worm	3%	14%			10%			11%
Brown Stomach Worm	1%	84%				12%		28%
Barbers Pole	93%	2%			90%	88%		61%
Large Bowel Worm	3%							

test 1	Control	Ram	Lev / Valb	Triple	Half Moxi	Full Moxi	Aba/Clos	Clos
Average Count (WEC)	2278	54	4	0	698	360	188	604
Efficacy (%)	0%	97.6	99.9	100	69.1	84	91.7	91.7
Black Scour Worm	3%				1%	1%		19%
Brown Stomach Worm	1%				2%	3%	9%	13%
Barbers Pole	93%				97%	96%	91%	62%
Large Bowel Worm	3%							6

test 3	Control	Ram/wh	Lev / Valb	Triple	Half Moxi	Full Moxi	Lev	Clos
Average Count (WEC)	1088	6	2	0	108	16	4	656
Efficacy (%)	0%	99.5	99.8	100	90.1	98.5	99.6	38.1
Black Scour Worm	30%							43
Brown Stomach Worm	25%				7%			51
Barbers Pole	40%				93%			
Large Bowel Worm	5%							6

test 4	Control	Ram/wh	Valb	Triple	Half Moxi	Full Moxi	Lev	Clos
Average Count (WEC)	5352	0	106	0		284	0	1498
Efficacy (%)	0%	100	98	100		94.7	100	72
Black Scour Worm	1%							3
Brown Stomach Worm	0%							1
Barbers Pole	99%					100%		96
Large Bowel Worm	0%							

test 5	Control	Ram/wh	Valb	Triple	Half Moxi	Full Moxi	Lev	Clos
Average Count (WEC)	5352	0	106	0		284	0	1498
Efficacy (%)	0%	100	98	100		94.7	100	72
Black Scour Worm	1%							3
Brown Stomach Worm	0%							1
Barbers Pole	99%					100%		96
Large Bowel Worm	0%							

Trends and Issues that I See

- Worms survive and are adaptable
- Barbers pole in winterwhat???
- Emerging breakdown of Moxi and Closantel
- Where to with Barbers pole and fluke??
- More reliance on
 - Pasture worm management
 - Drench timing
 - Training and discussion
 - Localised information

Trends and Issues that I See

- Lot's of view points
- Loss of science based research
- Poor quality formulations
- Not enough surveying done
- Other issues have been strong
 - Cocci
 - Bacterial scours
 - Blood parasites
 - Lack of nutrition

It seems like



What of the Future

- Continued breakdown of existing compounds
- More reliance on combinations
- Protection of new tech
- A reliance on locally based and generated data
- This is where the MFS worms group fits in
 - Providing local alerts and information
 - Working towards a locally based co-ordinated approach to drenching and drench timing

We might be able to solve the problem
over a beer

