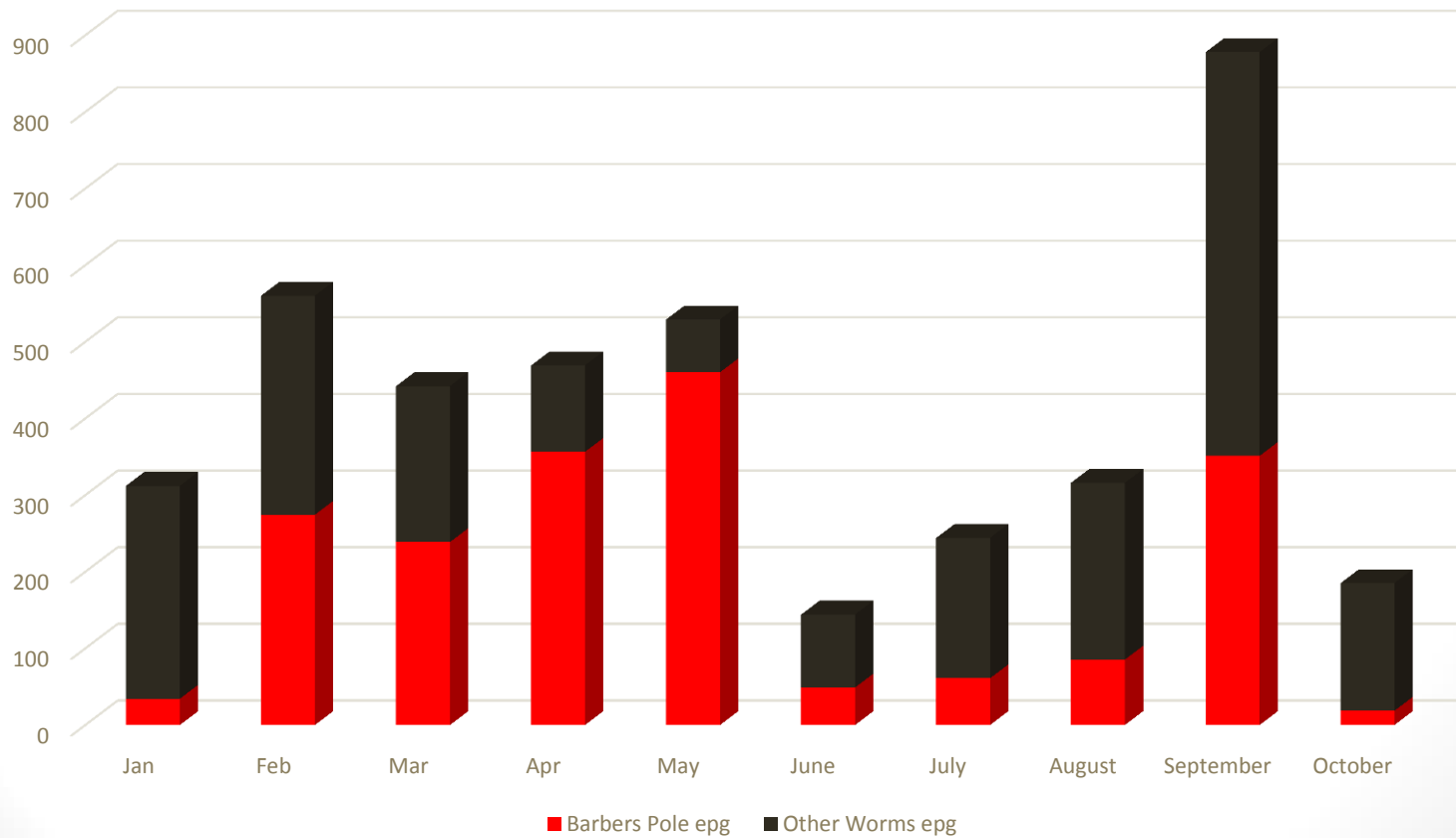




MFS x 220 Wormtests





12 x Drench Checks

Drench Check (epg 10-14 days post drench)						
Active	Levamisole	Mectin	BZ/Lev	Lev/Mectin	BZ/Lev/Mectin	Total
Worked	1				2	3
Uncertain		1	1		1	3
Fail	1	3	1	1		6
Fail Due Barbers Pole (Culture)	1 of 1	2 of 2		1 of 1		4 of 4



Phil Graham & Allan Hood

1. Barbers Pole Is An Increasing Concern On Tablelands
2. Barbers Pole Resistance to Mectins Is Common
3. Some evidence the worm is adapting to environment
4. Prevent Build Up In Spring



WORM TESTS

We are measuring eggs – Not worms

So time since drenching is important

Worm species can be important

DRENCH TESTS

Take Samples 10 – 14 days post drenching

Preferably also test at time of drenching

Get larval culture if > 100 epg post drenching



DRENCH RESISTANCE TESTING

- *Need > 300 epg*
- *Sheep Never Drenched or Not For Some Time*
- *At least ten samples per group*
- *Groups:*
 - *1. Control*
 - *2. BZ/Lev (Combination)*
 - *3. Mectin (Abamectin)*
 - *4. BZ/Lev/Mectin (Triple)*

12-15 per group. Sample 10-14 days post drench.