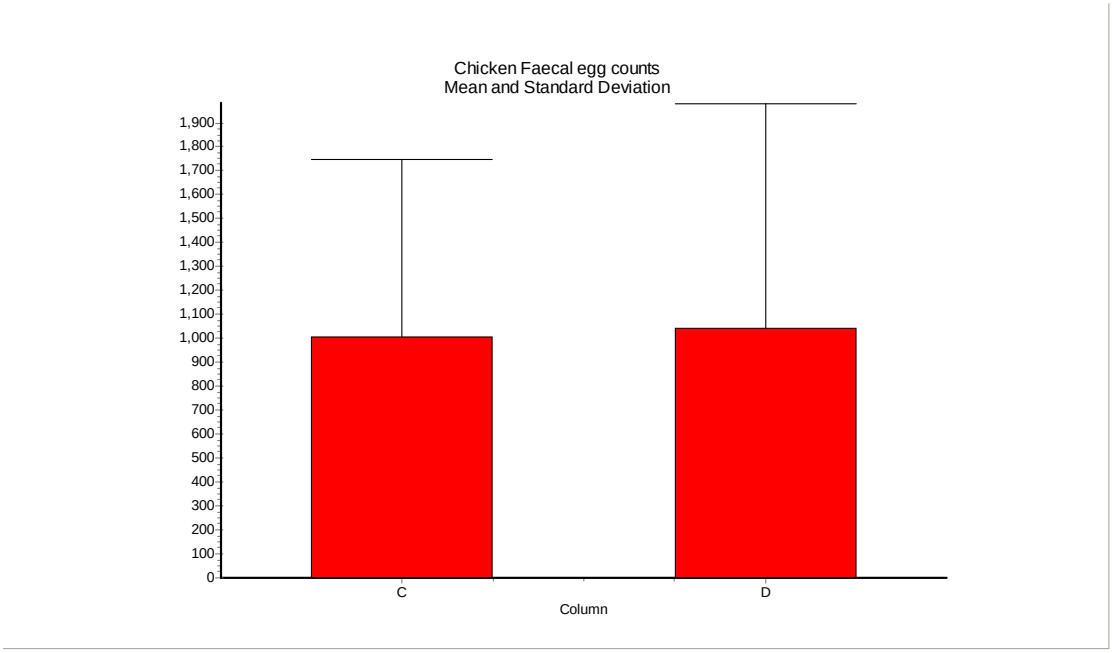
Kessler Chicken/Molodri data
Ascaridia

The data below show the Ascaridia population in fecal samples from 37-week-old chickens:

No Molodri *(series 1)*
Column C: April 2007 Control 37 week old birds
Column D: July 2007 After 10 weeks on normal feed no Molodri supplied

From this figure it appears that in birds fed a normal diet, the Ascaridia infestation load remains more or less constant over the 10-week period of the study.



Do the medians of 2nd control and 10 wks no Molodri differ significantly?

The two-tailed P value is 0.9698, considered not significant.
The P value is an estimate based on a normal approximation.
The 'exact' method would not be exact, due to tied ranks.

Calculation details
Mann-Whitney U-statistic = 50.000
U' = 50.000
Sum of ranks in 2nd control = 105.00. Sum of ranks in 10 wks no molo = 105.00.

Summary of Data

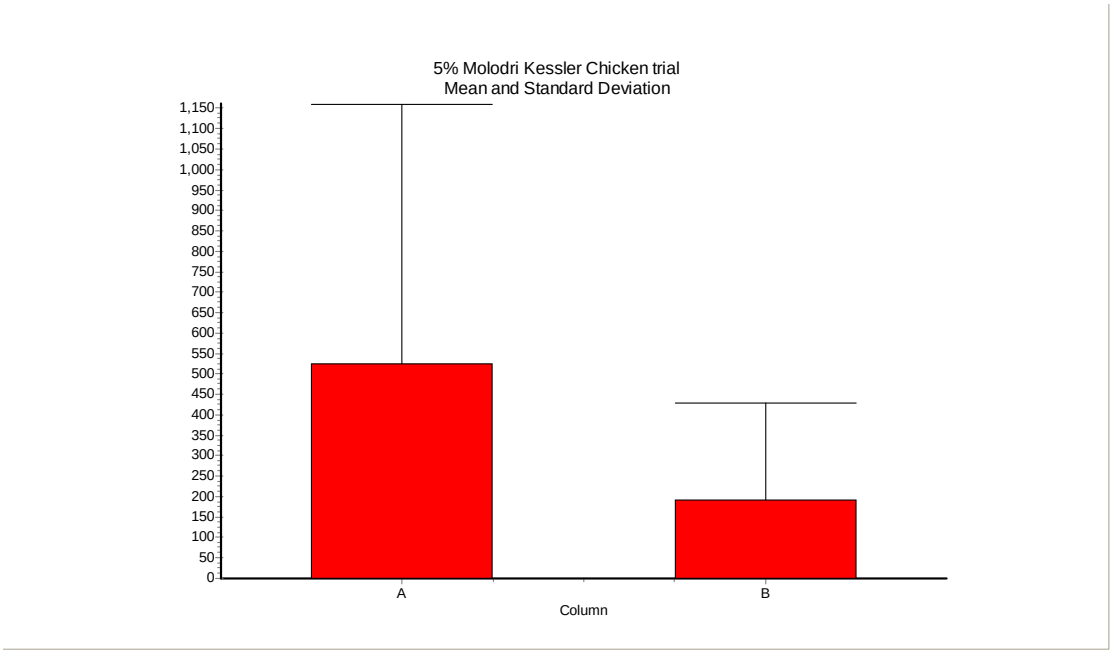
Parameter:	2nd control	10 wks no Molodri
Mean:	1004.0	1044.0
# of points:	10	10
Std deviation:	741.52	935.70
Std error:	234.49	295.89

Minimum:	40.000	40.000
Maximum:	2400.0	2320.0
Median:	1110.0	920.00
Lower 95% CI:	473.59	374.69
Upper 95% CI:	1534.4	1713.3

Feed supplemented with 5% Molodri *(series 2)*

Column A: August, 2007 Control 37 week old birds
Column B: October 2007 After 10 weeks on normal feed containing 5% Molodri

This figure shows a statistically significant (P<0.05) reduction (by approx 63%) in the ascaridia load of the Molodri treated birds.



Mann-Whitney Test
Do the medians of Control Ascarid and 10 weeks differ significantly?

The two-tailed P value is 0.0247, considered significant.
The P value is an estimate based on a normal approximation.
The 'exact' method would not be exact, due to tied ranks.

Calculation details
Mann-Whitney U-statistic = 116.50
U' = 283.50
Sum of ranks in Control Ascarid = 493.50. Sum of ranks in 10 weeks = 326.50.

Summary of Data

Parameter:	Control Ascarid	10 weeks
Mean:	524.00	192.00

# of points:	20	20
Std deviation:	635.23	237.03
Std error:	142.04	53.002
Minimum:	0.000	0.000
Maximum:	2680.0	920.00
Median:	340.00	100.00
Lower 95% CI:	226.71	81.066
Upper 95% CI:	821.29	302.93

These data confirm the trend previously reported for treatment with 2.5% Molodri..