

Study Number: MOG03040
Test Type: MOG - Range Finding
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

R02: Reproductive Performance Summary

Test Compound: Deoxynivalenol

CAS Number: 51481-10-8

Date Report Requested: 06/11/2020

Time Report Requested: 07:01:26

Lab: Southern Research

Study Number:

MOG03040

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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F0 Female

Treatment Groups (mg/kg/day)

	0	0.03	0.1	0.3	1	3
No. Females Mated	16	10	10	10	16	10
No. Females Pregnant	16	10	10	10	16	10
No. Females Littering	12	10	10	10	13	10
Percent of Pregnant Females/Mated	100.0	100.0	100.0	100.0	100.0	100.0
Percent of Littered Females/Mated	100.0	100.0	100.0	100.0	100.0	100.0
Percent of Littered Females/Pregnant	100.0	100.0	100.0	100.0	100.0	100.0
Gestational Length	21.9 ± 0.1 (12) *	21.9 ± 0.1 (10)	21.9 ± 0.1 (10)	22.0 ± 0.0 (10)	22.0 ± 0.0 (13)	22.2 ± 0.1 (10)

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LEGEND

F0 time mated females were vendor provided so endpoints involving number of females paired, and pre-coital interval were not calculated. Pregnancy was defined as evidence of implantation or littering. Vendor's time of confirmation of mating was utilized for calculation of F0 gestational length.

Gestation length in days calculated for sperm positive females that delivered a litter.

Animals that died or were removed from study between mating and littering were excluded from the littered/paired, littered/mated, and littered/pregnant endpoints.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests for Percent of Mated Females/Paired; Percent of Littered Females/Paired; Percent of Pregnant Females/Mated; Percent of Littered Females/Mated; Percent of Littered Females/Pregnant endpoints if present.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests for the Pre-coital Interval and Gestational Length endpoints if present.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Three dams were removed for biological sampling on GD18 from each of the control and 1 mg/kg groups, another three dams, and litters were removed from these groups on LD4.

**** END OF REPORT ****