



Impact of bedding material on behavioural pattern of Osmanabadi goat kids

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Supplementary Table 1. Impact of bedding material on lying bouts/day in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	19.89±0.63	20.50±1.23	20.50±1.05	18.67±0.98	0.416
15	21.56±0.68	20.83±1.16	21.33±1.33	22.50±1.17	0.625
30	22.39±0.65	22.39±0.657	22.33±1.25	22.17±1.30	0.957
45	21.39±0.69	23.00±1.06	21.50±1.43	19.67±0.80	0.147
60	21.06±0.59	21.33±1.20	20.83±1.16	20.17±0.85	0.728

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 2. Impact of bedding material on feeding time (minutes/day) in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	318.61±7.75	311.50±14.30	318.67±11.41	325.67±16.08	0.770
15	330.50±8.74	328.83±15.30	337.67±13.87	325.00±18.35	0.849
30	355.00±7.78	346.17±14.81	345.50±15.29	373.33±8.00	0.263
45	378.89±11.00	356.67±10.76	380.00±24.60	400.00±18.03	0.289
60	393.44±8.63	376.00±6.14	396.83±17.64	407.50±17.57	0.337

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 3. Impact of bedding material on of feeding (bouts/day) in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	66.22±1.82	63.17±2.18	66.00±2.55	69.50±4.31	0.387
15	71.44±1.18	69.17±2.35	72.50±2.3	72.67±1.49	0.422
30	72.50±1.25	71.33±2.01	71.17±1.64	75.00±2.70	0.391
45	78.39±1.60	75.00±1.84	78.17±2.53	82.00±3.37	0.210
60	79.67±1.29	78.33±1.82	78.83±2.90	79.67±2.29	0.923

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 4. Impact of bedding material on feeding time/bout (minutes) in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	4.82±0.07	4.92±0.12	4.84±0.15	4.71±0.13	0.567
15	4.62±0.09	4.69±0.18	4.66±0.16	4.52±0.18	0.782
30	4.90±0.08	4.86±0.20	4.84±0.14	4.99±0.10	0.772
45	4.82±0.08	4.76±0.12	4.84±0.22	4.87±0.08	0.860
60	4.98±0.06	4.81±0.13	5.03±0.89	5.10±0.10	0.195

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 5. Impact of bedding material on standing time (minutes/day) in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	849.22±8.22	855.83±19.91	856±12.87	835.50±8.46	0.526
15	815.56±12.95	855.83 ^b ±17.64	825.83 ^b ±20.92	765.00 ^a ±10.22	0.005
30	818.67±17.33	884.67 ^b ±18.86	822.17 ^{ab} ±27.20	757.50 ^a ±16.49	0.001
45	809.00±11.38	849.00 ^b ±6.22	801.67 ^{ab} ±22.61	776.33 ^a ±15.11	0.019
60	813.33±12.32	867.00 ^c ±8.01	808.33 ^b ±19.01	764.67 ^a ±8.28	0.000

Mean bearing different superscript within a row differed significantly; **P≤0.01, * P≤0.05. NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 6. Impact of bedding material on standing bouts (standing frequency/day) in Osmanabadi goat kids (Mean±S.E.)

Day	Overall mean	T0	T1	T2	P-value
0	19.89±0.63	20.50±1.23	20.50±1.05	18.67±0.98	0.416
15	21.56±0.68	20.83±1.16	21.33±1.33	22.50±1.17	0.625
30	22.39±0.65	22.39±0.657	22.33±1.25	22.17±1.30	0.957
45	21.39±0.69	23.00±1.06	21.50±1.43	19.67±0.80	0.147
60	21.06±0.59	21.33±1.20	20.83±1.16	20.17±0.856	0.728

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.

Supplementary Table 7. Impact of bedding material on standing time/bout (minutes) in Osmanabadi goat kids (Mean±S.E.)

Days	Overall mean	T0	T1	T2	P value
0	43.41±1.40	42.42±2.46	42.43±2.59	45.40±2.51	0.636
15	38.63±1.57	41.81±2.79	39.63±2.94	34.45±1.78	0.148
30	37.26±1.60	39.66±2.92	37.61±3.03	34.86±2.51	0.486
45	37.96±1.47	37.38±2.02	38.43±3.55	39.92±2.30	0.802
60	39.63±1.39	41.35±2.54	39.50±2.77	38.06±1.02	0.240

NS, Non-significant; T0, Concrete floor; T1, Wood shavings and T2, Straw.