Table 1: Effect of continuous suckling and supplementation with grain on growth and mortality in lambs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Weaned | | Suckling | | Probability | |
|  | Supplemented | No Supplement | Supplemented | No Supplement | Suckling v Weaned | Supplement V None |
| n | 47 | 53 | 55 | 55 | - | - |
| Initial Weight, kg | 19.9 ± 1.1 | 20.2 ± .8 | 19.8 ± .6 | 18.4 ± .8 | NS | NS |
| Total gain, kg | 13.8 ± 1.2 | 7.1 ± | 16.6 ± .7 | 9.7 ± .7 | 0.001 | 0.001 |
| ADG1, Overall, g/d | 156 ± 13 | 80 ± 6 | 186.3 ± 9 | 108 ± 8 | 0.02 | 0.001 |
| Mortality2, % | 22 ± 6 | 22 ± 5 | 16 ± 5 | 15 ± 5 | NS | NS |

1 Average daily gain

2 Some mortality was due to predation.

Table 2: Effect of continuous suckling and supplementation

with grain on growth in lambs

|  |  |  |  |
| --- | --- | --- | --- |
|  | Suckling Status | | Probability |
|  | Continuous Suckling | Weaned | Suckling v Weaned |
| n | 42 | 41 | - |
| Initial Weight, kg | 32.4 ± 1.2 | 31.8 ± 1.1 | NS |
| Total gain, kg | 8.3 ± .1.1 | 3.1 ± 1.3 | 0.0035 |
| ADG1, Overall, g/d | 149.1 ± 19 | 59.4 ± 24 | 0.0446 |

1 Average daily gain

Table 3: Effect of suckling on weight and body condition

score changes in ewes.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Suckling Status | | Probability |
|  | Continuous Suckling | Weaned | Suckling v Weaned |
| n | 38 | 35 | - |
| Initial Weight, kg | 74.1 ± 1.9 | 72.8 ± 2.0 | NS |
| Weight Period 1, kg | 73.6 ± 1.9 | 69.6 ± 1.9 | 0.13 |
| Weight Period 2, kg | 73.4 ± 2.0 | 69.8 ± 1.9 | NS |
| Weight Change, kg | -2.92 ± 1.2 | -4.0 ± 1.1 | NS |
| Initial BCS | 3.0 ± .07 | 3.1 ± .07 | NS |
| BCS Period 1 | 2.8 ± .1 | 2.9 ± .1 | NS |
| BCS Period 2 | -2.92 ± 1.2 | -4.0 ± 1.1 | NS |
| BCS Change | -2.92 ± 1.2 | -4.0 ± 1.1 | NS |