1. An initial varietal trial was conducted to study the performance of 6 new strains of mustard with 3 replications. The seed yield in kg/ha was recorded. The details of the experiment are given below: analyze with one way anova to check the significant difference between strains.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | strains | r1 | r2 | r3 |
| 1 | RK-04-3 | 539.69 | 412.35 | 319.73 |
| 2 | RK-04-4 | 261.85 | 065.05 | 111.36 |
| 3 | RGN-124 | 389.19 | 516.54 | 203.97 |
| 4 | HYT-27 | 192.39 | 215.55 | 157.66 |
| 5 | PBR-275 | 250.27 | 203.97 | 366.04 |
| 6 | HUJM-03-03 | 296.58 | 273.43 | 308.16 |

1. A feeding trial with 3 feeds namely (i) Pasture(control), (ii) Pasture and Concentrates and (iii) Pasture,  Concentrates and Minerals was conducted at the Yellachihalli Sheep Farm, Mysore, to study their effect on wool yield of Sheep with totally controlled condition. For this purpose twenty-two ewe lambs were allotted at random to each of the three treatments and the weight records of the total wool yield (in gms) of first two clipping were obtained. Compare 3 different feeding trails.

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| --- | --- | --- |
| **FEED 1** | **FEED 2** | **FEED 3** |
| 850.5 | 510.3 | 992.25 |
| 453.6 | 963.9 | 850.5 |
| 878.85 | 652.05 | 1474.2 |
| 623.7 | 1020.6 | 510.3 |
| 510.3 | 878.85 | 850.5 |
| 765.45 | 567 | 793.8 |
| 680.4 | 680.4 | 453.6 |
| 595.35 | 538.65 | 935.55 |
| 538.65 | 567 | 1190.7 |
| 850.5 | 510.3 | 481.95 |
| 850.5 | 425.25 | 623.7 |
| 793.8 | 567 | 878.85 |
| 1020.6 | 623.7 | 1077.3 |
| 708.75 | 538.65 | 850.5 |
| 652.05 | 737.1 | 680.4 |
| 623.7 | 453.6 |  |
| 396.9 | 481.95 |  |
| 822.15 | 368.55 |  |
|  | 567 |  |
|  | 595.35 |  |
|  | 567 |  |
|  | 595.35 |  |