1. In Maize seed germination experiment, eight different type of seed treatments(g1,g2,g3,g4,g5,g6,g7,g8) and two different moisture levels (m1, m2) compared for seed germination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | r1 | r2 | r3 | r4 |
| m1g1 | 85 | 90 | 85 | 86 |
| m1g2 | 80 | 75 | 75 | 75 |
| m1g3 | 80 | 85 | 80 | 81 |
| m1g4 | 85 | 75 | 70 | 72 |
| m1g5 | 90 | 80 | 85 | 80 |
| m1g6 | 90 | 95 | 90 | 91 |
| m1g7 | 85 | 75 | 70 | 72 |
| m1g8 | 90 | 80 | 85 | 84 |
| m2g1 | 50 | 40 | 50 | 51 |
| m2g2 | 50 | 40 | 25 | 58 |
| m2g3 | 45 | 55 | 45 | 48 |
| m2g4 | 50 | 45 | 55 | 53 |
| m2g5 | 55 | 45 | 40 | 56 |
| m2g6 | 75 | 80 | 75 | 76 |
| m2g7 | 85 | 75 | 70 | 88 |
| m2g8 | 90 | 80 | 85 | 92 |

Carry out the analysis of variance and test for the significance difference among seed treatments , moisture levels and their interaction at 1% level.