Table (1): Mean squares for the effects of growth regulator (GR) combination on the stimulation and regeneration of cabbage anther.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effects of Growth Regulators | | | | |
| Source | df | % anthers  developed embryos | % embryos formed callus | % embryos formed plantlet |
| Rep | 2 | 142.53 | 169.672 | 20.832 |
| GR1 | 11 | 1998.45\*\*\* | 557.25\*\* | 183.14\*\*\* |
| Error | 22 | 21.56 | 168.26 | 23.47 |

1 GR = Growth regulators

2 The degrees of freedom for growth regulator (GR) and Error are 10 and 20 because the exclusion of the culture medium MS-6 from further analysis.

Table (2): Mean squares for the effects of medium sucrose concentration on the stimulation and regeneration of cabbage anther.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effects of Medium Sucrose Concentration | | | | |
| Source | df | % anthers developed embryos | % embryos formed callus | % embryos formed plantlet |
| Rep | 2 | 13.54 | 2.14 | 10.77 |
| Sucrose | 7 | 2089.90\*\*\* | 901.18\*\*\* | 373.35\*\*\* |
| Error | 14 | 36.64 | 62.46 | 27.45 |

1 GR = Growth regulators

2 The degrees of freedom for growth regulator (GR) and Error are 10 and 20 because the exclusion of the culture medium MS-6 from further analysis.