**Table 1**

**Effects of 6-BA and NAA on the microspore embryogenesis of kale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **6-BA** | **NAA** | **No. of embryos per bud ± SD** | | |
| **㎎·L-1** | **㎎·L-1** | **Y007** | **Y009** | **Y010** |
| 0 | 0 | 0.783±0.104e | 0.817±0.104e | 0.217±0.076d |
| 0.1 | 0 | 1.233±0.104a | 1.017±0.029d | 0.283±0.029bcd |
| 0.1 | 0.1 | 1.100±0.100b | 1.250±0.087bc | 0.433±0.076a |
| 0.1 | 0.2 | 1.017±0.029bcd | 1.383±0.029ab | 0.367±0.029ab |
| 0.2 | 0 | 1.067±0.029bc | 1.200±0.050c | 0.250±0.050cd |
| 0.2 | 0.1 | 0.950±0.050cd | 1.333±0.029bc | 0.350±0.050ab |
| 0.2 | 0.2 | 0.900±0.050de | 1.517±0.176a | 0.317±0.083bc |

Means followed by different letters are significantly different at p =0.05 level

**Table 2**

**Effect of AG on the microspore embryogenesis of kale**

|  |  |  |  |
| --- | --- | --- | --- |
| **AG** | **No. of embryos per bud ± SD** | | |
| **㎎·L-1** | **Y007** | **Y009** | **Y010** |
| 0 | 0.783±0.076c | 0.800±0.312bc | 0.183±0.104d |
| 5 | 1.033±0.104b | 1.083±0.236bc | 0.467±0.029ab |
| 10 | 1.483±0.225a | 1.900±0.218a | 0.583±0.104a |
| 15 | 0.867±0.076bc | 1.150±0.132b | 0.367±0.029bc |
| 20 | 0.467±0.067d | 0.733±0.076d | 0.233±0.168cd |

Means followed by different letters are significantly different at p =0.05 level

**Table 3**

**Effect of PCIB on the microspore embryogenesis of kale**

|  |  |  |  |
| --- | --- | --- | --- |
| **PCIB** | **No. of embryos per bud ± SD** | | |
| **μM** | **Y007** | **Y009** | **Y020** |
| 0 | 0.733±0.076d | 0.750±0.328c | 0.000±0.000c |
| 10 | 1.533±0.379c | 1.717±0.501b | 0.117±0.029c |
| 20 | 5.683±0.375b | 2.400±0.229b | 0.500±0.132b |
| 40 | 8.183±0.715a | 3.183±0.651a | 1.267±0.076a |
| 80 | 0.700±0.132d | 0.950±0.050c | 0.000±0.000c |

Means followed by different letters are significantly different at *p* =0.05 level

**Table 4**

**Effect of AC on the microspore embryogenesis of kale**

|  |  |  |  |
| --- | --- | --- | --- |
| **AC** | **No. of embryos per bud ± SD** | | |
| **g·L-1** | **Y007** | **Y009** | **Y010** |
| 0 | 0.717±0.076b | 0.800±0.087c | 0.283±0.076c |
| 0.1 | 0.917±0.104b | 1.333±0.058a | 0.850±0.100a |
| 0.2 | 1.267±0.176a | 1.150±0.087b | 0.567±0.161b |
| 0.4 | 0.467±0.104c | 0.733±0.076c | 0.283±0.126c |
| 0.6 | 0.050±0.050d | 0.033±0.058d | 0.017±0.029d |

Means followed by different letters are significantly different at p =0.05 level

**Table 5**

**Effects of PCIB and AG on the microspore embryogenesis of kale**

|  |  |  |  |
| --- | --- | --- | --- |
| **PCIB** | **AG** | **No. of embryos per bud ± SD** | |
| **μM** | **㎎·L-1** | **Y007** | **Y009** |
| 0 | 0 | 0.767±0.161b | 0.817±0.202d |
| 0 | 10 | 1.367±0.425b | 1.850±0.361c |
| 40 | 0 | 7.933±0.889a | 3.117±0.388b |
| 40 | 10 | 8.800±0.200a | 4.033±0.275a |

Means followed by different letters are significantly different at p =0.05 level

**Table 6**

**Effects of PCIB and AC on the microspore embryogenesis of kale**

|  |  |  |  |
| --- | --- | --- | --- |
| **PCIB** | **AC** | **No. of embryos per bud ± SD** | |
| **μM** | **g·L-1** | **Y007** | **Y009** |
| 0 | 0 | 0.750±0.087b | 0.933±0.189b |
| 0 | 0.2 | 1.283±0.126b | 1.133±0.153b |
| 40 | 0 | 7.550±1.331a | 2.716±0.584a |
| 40 | 0.2 | 8.667±1.428a | 3.533±0.732a |

Means followed by different letters are significantly different at *p* =0.05 level