**TABLES**

**Table 1.-Effect of media in germination of *D.* caryophyllus, *M. incana*, *B. semperflorens* and *C. motorious* seeds**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***B. semperflorens*** | ***D.* caryophyllus** | ***M. incana*** | ***C. motorious*** |
| **MS0** | 2 weeks | 1 week | 1 week | - |
| **MS +1mg l-1 GA3** | 2 weeks | 1 week | 1 week | - |
| **30ºC+1mg l-1 GA3** | n.a. | n.a. | n.a. | 1 week |

**na**: not available.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***B. semperflorens*** | | | | | ***C. motorious*** | | | | | ***D. caryophyllus*** | | | | | ***M. incana*** | | | |
| **Callus induction** | | **Regeneration** | | **Callus induction** | | | **Regeneration** | | **Callus induction** | | | **Regeneration** | | **Callus induction** | | | **Regeneration** | | |
| **0.1 mg l-1 NAA + 1 mg l-1 BAP** | | + | | - | | | + | | + | | | - | | - | | | n.a. | | n.a. | | |
| **0.2 mg l-1 NAA + 1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | - | | - | | | + | | + | | |
| **0.3 mg l-1 NAA + 1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | - | | - | | | n.a. | | n.a. | | |
| **0.4 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | - | | - | | | + | | + | | |
| **0.5 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | - | | - | | | n.a. | | n.a | | |
| **0.6 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | - | | - | | | + | | ++ | | |
| **0.7 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | + | | + | | | n.a. | | n.a. | | |
| **0.8 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | + | | + | | | ++ | | +++ | | |
| **0.9 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | + | | + | | | n.a. | | n.a. | | |
| **1 mg l-1 NAA +1 mg l-1 BAP** | | + | | - | | | n.a. | | n.a. | | | ++ | | ++ | | | n.a. | | n.a | | |
| **0.4 mg l-1 NAA + 0.8 mg l-1 BAP** | | ++ | | +1 | | | + | | +1 | | | +++ | | +++ | | | n.a. | | n.a. | | |
| **0.3 mg l-1 NAA + 0.9 mg l-1 BAP** | | +++ | | ++ | | | + | | - | | | ++ | | ++ | | | n.a. | | n.a. | | |
| **0.5 mg l-1 AIA +1 mg l-1 BAP** | | n.a. | | n.a. | | | - | | - | | | + | | +1 | | | - | | + | | |
| **0.7 mg l-1 AIA + 1 mg l-1 BAP** | | n.a. | | n.a. | | | - | | - | | | n.a | | - | | | - | | + | | |
| **2 mg l-1 BAP** | | ++ | | + | | | n.a | | - | | | - | | - | | | n.a | | n.a. | | |
| **0.7 mg l-1 NAA + 1.5 mg l-1 BAP+0.1 mg l-1 TDZ** | | + | | + | | | n.a. | | n.a. | | | - | | - | | | n.a. | | n.a. | | |
| **1 mg l-1 2,4 D** | | + | | - | | | + | | - | | | + | | - | | | + | | - | | |

**Table 2. Effect of hormone concentration on callus production and regeneration in leaves from tested species.**

Callus inductions. **+**: callus no friable; **++**: callus friable; **+++**: callus friable and pro-organogenic. Regeneration. **+**: at least 1 shoot in at least 1 explant; **++**: at least 1 shoot in at least 6/10 explants; **+++**: at least 1 shoot in every explant; **+1**: at least 1 shoot and some root. **na**: not available. White squares: 16 h light/8 h dark photoperiod; grey squares: darkness. All treatments consisted of three replicates and each replicate contained ten explants. Explant sizes were 0.5 x 0.5 cm except in *D. caryophyllus* that were 0.4 x 0.4 cm. The results shown are the media of three replicates and the positive results were repeated twice.