

Gravitropic reaction changes caused by the static magnetic field

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The 2-days cress roots gravitropic reaction in the static magnetic field was investigated. The control roots were located in the static magnetic field with the induction magnitude 20 nT.(static magnetic field of 20 nT;-metal magnetic shield we used). The experimental samples were located in the static magnetic field created artificially in the 20 nT;-metal magnetic shield. The static magnetic field changed in the region from 20 nT up to 200 nT. It was found that there are some windows where the gravitropic reaction changes its usual behavior.