

EFFECT OF MAGNETISM ON SEEDLING GROWTH OF *HORDEUM VULGARE*

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Abstract: Present research study deals with the effects of magnetism on the seedling growth and germination of barley (Joan). In this study ninety barley seeds were selected for uniformity (criteria being size and color) and then seed were sterilized in 1% mercuric chloride solution and then after proper washing with distilled water, placed in Petri plates. One set of Petri plates was placed in between two bar magnet with there north ends facing the seeds. Similarly in another Petri plates sets magnet was placed with south ends facing the plate. Side by side a control *set also* maintained observation done at 3rd, 5th, & 7th day of radicle emergence. Result shows that bar magnets can influence the seed germination and seedling growth of barley. Results show that N-N bar magnet promotes more growth as compared to S-S bar magnet and control.

Keywords: *Hordeum vulgare*, Magnetism, Seedling growth

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