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S T A T E M E N T - I

The present work is based on the discovery and facts which are new for horse gram, lentil, moth bean greengram and fenugreek. So far there is no such attempt to study the effect of salinity on germination and seedling growth of these legumes especially, the relationship between moisture uptake and dry wt of seeds or seedlings of the legume species for the mechanism of salt tolerance has not been attempted. Similarly to study the mechanism of salinity tolerance through, the physiological changes during seed germination is rather a new approach as far as, for the minor legumes. Therefore, the present work is original one and this work has not been previously submitted for the award of any degree.

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