

Study of Effect of Some Medicinal Plants on Seeds of *Vigna radiata* With Respect to Biomarker and Biomass Study

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Abstract: Some medicinal plants were used by some people those who are suffering from various diseases. Despite their therapeutic advantages, some constituents of herbs are potentially toxic and pose health risks because they can be bought from the market without a prescription. Plants (*Chlorophytum borivilianum*, *Curculigoor chioides* and *Mucuna prurnies*), 2.5%, 1% and 0.5% extracted with water. The allelopathic potentials of the extracts were assessed using seed germination and by measuring plantlets length, chlorophyll content and biomarker were also tested. In present investigation of allelopathic evaluation, the aqueous extracts of tested plants were not cytotoxic. Aqueous extract shows prominent activity, 1% aqueous extract of *Chlorophytum borivilianum*, were shown to have the most inducing activities on *Vigna radiata* seeds on comparing with control.

Keywords: Allelopathic, seed germination, chlorophyll, biomarker and Biomass

