

Comparative study of effect of *Lantana camara* extract of different parts on seed germination of *Parthenium hysterophorus* L.

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SUMMARY

Extracts of leaf, stem, flower and fruit of *Lantana camara* inhibited the seed germination of *Parthenium hysterophorus* clearly indicated that the allelochemicals present in the extracts adversely affected the seed germination. Maximum seed germination was observed in control. Leaf extract was found to exhibit maximum allelopathy followed by stem, flower and fruit extracts.

Key words : *Lantana camara*, *Parthenium hysterophorus*, Allelochemical, Seed germination