SIGNIFICANCE

*Parthenium hysterophorus* L. is a well-known Congress weed in the world which to cause tremendous health hazards. Pollen grains of the weed are highly allergenic, float freely in the air causing pollution and severe disease like dermatitis or other skin disease, asthma etc.

The main outcome of this attempt will be made for its eradication or control of pollen grain germination and pollen tube growth *in vitro* using aqueous extracts of herb plants (*Croton bonplandianum*, *Phyllanthus niruri* and *P. hysterophorus* L.).