

## SUMMARY & CONCLUSION.

The extract prepared from leaves of *Argemone maxicana* L. at 1 and 3% was most effective against adult whiteflies. However, it was followed by *Datura stramonium* L. at 1% *Annona squamosa* L. at 3%, *Azadirachata indica*. A at 3% and *Lantana camera* L. at 1%. It is more effective than 0.03% dimethoate.

Only six plants were considered for the treatment of whiteflies pupa which shows some results. The extract prepared from leaves of *Argemone maxicana* L. at 3% was most effective against whiteflies pupa than other plants and 0.03% Dimethode.

3% leaf extract of *Argemone maxicana* L. was most effective insecticide to control the adults and pupa of whiteflies. Some plants like *Datura stramonium* L., *Annona squamosa* L., *Azadirachta indica*. A etc. shows the insecticidal property and more effective than the required concentration of dimethoate insecticide.

The extract prepared from leaves of *Datura stramonium* L. at 2 & 3 % was most effective acaricide against red spider mite. However it was followed by A.sq. at 3 %, I.c. at 3%, A.in &A.M. at 2%. It is more effective than 0.03% Dimethoate acaricide.

2 % leaf extract of *Datura stramonium* L. is acts as the best acaricide to control the red spider mites of tomato.

The aqueous leaf extract of *Argemone mexicana*, *Datura stramonium*, *Annona squamosa* are the alternative source of insecticides to control the white flies in adult and pupal stages.

The aqueous extract of *Datura stramonium*, *Annona squamosa*, *Lantana camera* are the alternative source of acaricide to control the red spider mites.