

**LOCALISED PARTHENIUM BIOLOGICAL CONTROL AGENTS IN THE LOCKYER VALLEY**

**Steve Moore Senior Pest Officer LVRC.**



**Seed-Feeding Weevil (*Smicronyx lutulentus*).**



**Seed Feeding Weevil Damage to the seed margins of the plant.**



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**Leaf Feeding Beetle (*Zygogramma bicolorata*) feeding on the seed margins of the plant and preventing further fruit/seed production.**



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**Leaf feeding beetle larva consuming the areas of the productive plant (seed) causing low seed productivity to parthenium.**



Instars feeding by the leaf feeding beetle along with their larva on a patch of parthenium reducing the plant potential life span and reducing the possibility of seed production by approximately 90% at this particular location.



**Parthenium plant decimated by the intense feeding of several seed feeding beetle larvae with stem gall moth larva occupying the areas below the seed margins also preventing the further seed production of the plant.**



**Stem-Galling Moth (*Epiblema strenuana*).**



Stem-Galling Moth Larva.



Stem-galling moth larva creating stress on the plants seed margins preventing potential seed production and preventing the plants capability in producing large amounts of seed in its natural environment.



**Sap-feeding plant hopper (*Stobaera concinna*).**



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