

## EFFECT OF SALINITY ON NODULATION AND LEGHAEMOGLOBIN CONTENT IN TWO SPECIES OF *ALYSICARPUS*

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**ABSTRACT** : Effect of three levels of salinity (4,6 and 8d  $\text{Scm}^{-1}$ ) on nodulation and leghaemoglobin content in *Alysicarpus bupleurifolius* and *Alysicarpus monilifer* have been studied. The performance of *Alysicarpus bupleurifolius* was found to be better than the *Alysicarpus monilifer* in relation to nodulation and leghaemoglobin content. Salinity at 4,6 & 8, Ec (Electrical conductivity of soil extract) specific gravity levels decreased the number of nodules per plant, size and weight of single nodule leghaemoglobin content than the control.

**Key Words** : Nodulation, leghaemoglobin content, salinity, *Alysicarpus bupleurifolius*, *Alysicarpus monilifer*.