

# **Effect of Invigoration Treatments on Biochemical Changes on Stored China Aster Seed (*Callistephus chinensis* L. Nees)**

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## **ABSTRACT**

The invigoration experiment was conducted on different aged seeds of china aster (*Callistephus chinensis* L. Nees) with water, PEG, KNO<sub>3</sub> and stored for a period of six months. During the storage, some biochemical changes i.e, electrical conductivity, dehydrogenase activity and lipid peroxidase activity occurred due to these reactions the quality of the seed decreased. Among the treatments KNO<sub>3</sub> invigorated seed performed better over other treatments on six months old seed stored for six months. EC and Lipid peroxidase activity increased with ageing, where as a decline in trend was observed in dehydrogenase activity.

**Key words :** China aster, EC, Dehydrogenase activity, Invigoration, Lipid peroxidase activity.