

## **Impact of Potassium and ABA Application on Vivipary and Seed Quality in Oriental Pickling Melon (*Cucumis melo* var. *conomon* Mak.).**

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### **ABSTRACT**

An experiment was conducted in oriental pickling melon to evaluate the impact of potassium and ABA in controlling vivipary. The crop raised during the month of February (2021) was given foliar treatments of abscisic acid (100 mg/l, 200 mg/l and 300 mg/l), potassium (MOP: 0.5%, 1% and 1.5%) and basal application of fertilizers with 50% additional K. the foliar application of ABA (300 mg/l) was the most effective followed by 1.5% MOP in controlling vivipary. The best treatment for the overall improvement of seed and fruit yield parameters was foliar spray with 300 mg/l ABA.

**Keywords:** *Vivipary, Seed quality, Abscisic acid (ABA), Potassium and Oriental pickling melon.*