



Foliar sprays of potassium nitrate for flower induction in 'Pahutan' mango shoots

Already in 1978 Bondad et al. speculated that KNO_3 may play a role in the induction of floral differentiation in mango (

Mangifera indica

L. 'Pahutan'). In 7 out of 8 monthly trials in the Philippines, flowering of 4,75 to 12,75 months old mango shoots occurred one week after spraying 10 to 160 g/liter KNO_3 . Induction was 33% to 100% in 7 to 14 days. First trial started in September and in all months flowering occurred. There was a general decrease in percentage flowering of treated shoots from January to April. In contrast, natural flowering which began in February tended to increase till May. No consistent trend was observed in bud and panicle growth, but those produced by KNO_3 spraying appeared longer than natural produced panicles.